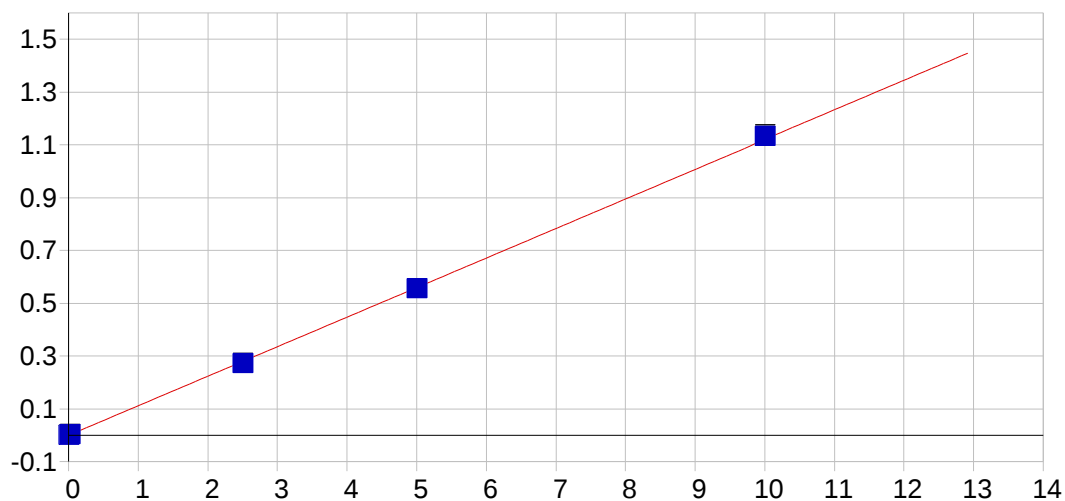




As 189.042 {478}

Date of Fit: 7/24/2019 17:19:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000721

Re-Slope: 1.000000

A1 (Gain): 0.112066

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999879

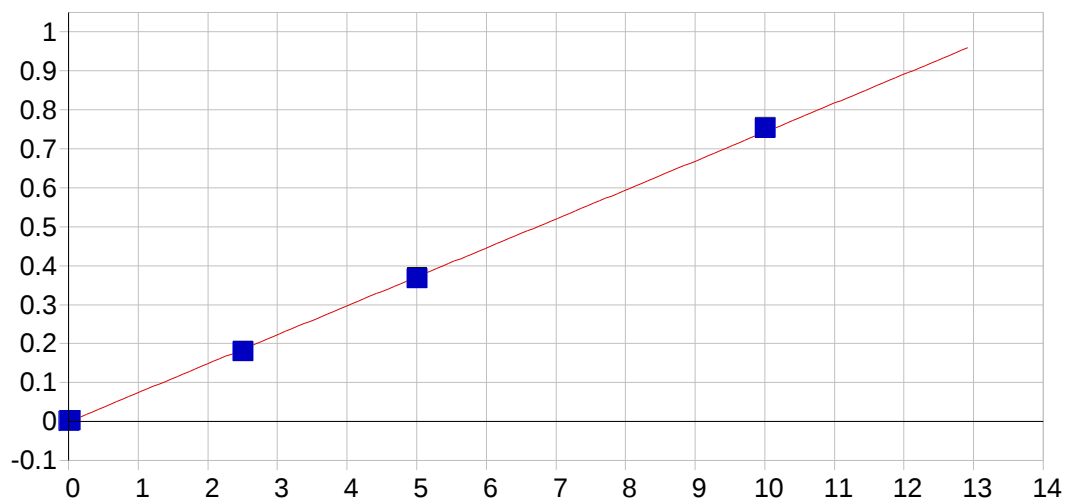
Status: OK.

Std Error of Est: 0.000042

Predicted MDL: 0.003388

Predicted MQL: 0.011295

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00072	.000	1
S1	.02000	.02273	.003	13.6	.00183	.000	1
S3	2.5000	2.4292	-.071	-2.83	.27149	.000	1
S4	5.0000	4.9505	-.049	-.990	.55403	.002	1
S5	10.000	10.118	.118	1.18	1.1330	.004	1



As 189.042 {479}

Date of Fit: 7/24/2019 17:19:59

Type of Fit: Linear

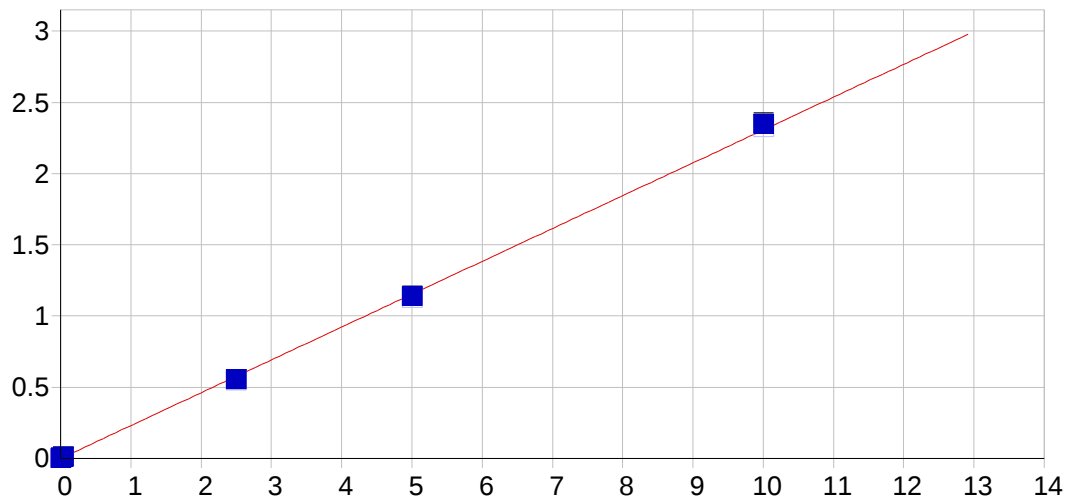
Weighting: 1/Conc

A0 (Offset): -0.000372

Re-Slope: 1.000000

A1 (Gain): 0.074312 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999871 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.003304
 Predicted MQL: 0.011012

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00037	.000	1
S1	.02000	.02001	.000	.068	.00112	.000	1
S3	2.5000	2.4232	-.077	-3.07	.17970	.000	1
S4	5.0000	4.9486	-.051	-1.03	.36737	.000	1
S5	10.000	10.128	.128	1.28	.75228	.001	1

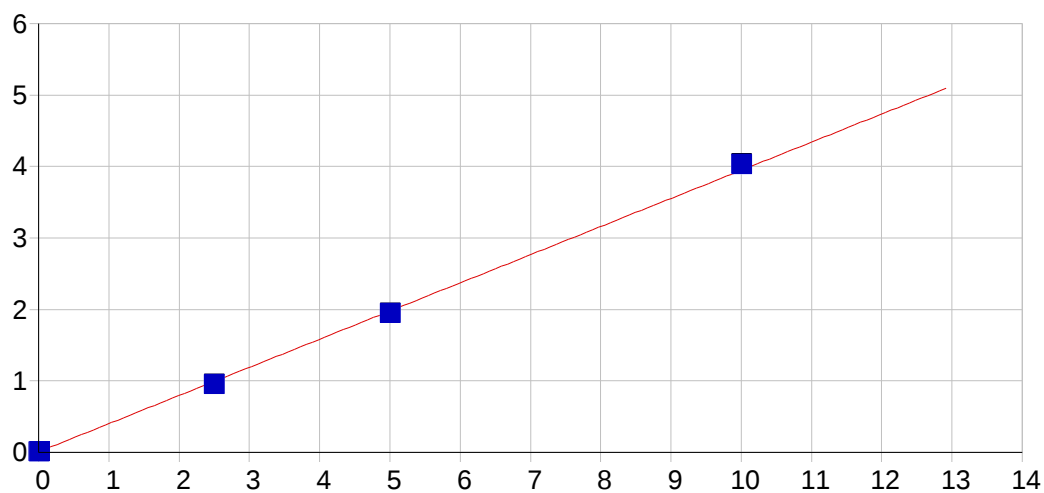


TI 190.856 {477}

Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000393 Re-Slope: 1.000000
 A1 (Gain): 0.230570 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999737 Status: OK.
 Std Error of Est: 0.000179
 Predicted MDL: 0.001417
 Predicted MQL: 0.004724

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00039	.000	1
S1	.04000	.03989	-.000	-.264	.00935	.000	1
S3	2.5000	2.3912	-.109	-4.35	.54581	.000	1
S4	5.0000	4.9283	-.072	-1.43	1.1249	.001	1
S5	10.000	10.181	.181	1.81	2.3241	.008	1

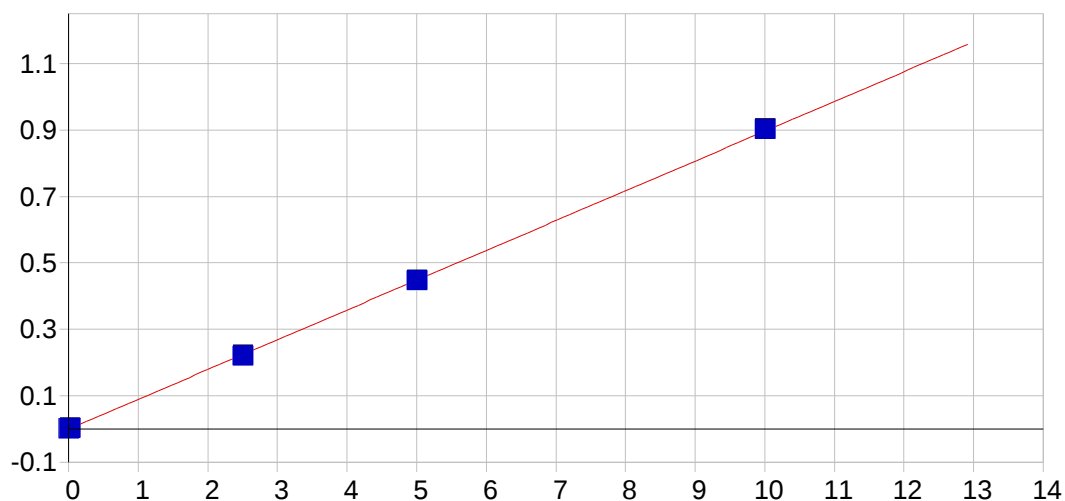


Pb 220.353 {453}

Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008467 Re-Slope: 1.000000
 A1 (Gain): 0.393878 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999683 Status: OK.
 Std Error of Est: 0.000185
 Predicted MDL: 0.001326
 Predicted MQL: 0.004421

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00847	.000	1
S1	.01200	.01112	-.001	-7.30	.01276	.000	1
S3	2.5000	2.3850	-.115	-4.60	.94652	.003	1
S4	5.0000	4.9118	-.088	-1.76	1.9404	.003	1
S5	10.000	10.204	.204	2.04	4.0223	.011	1



Se 196.090 {472}

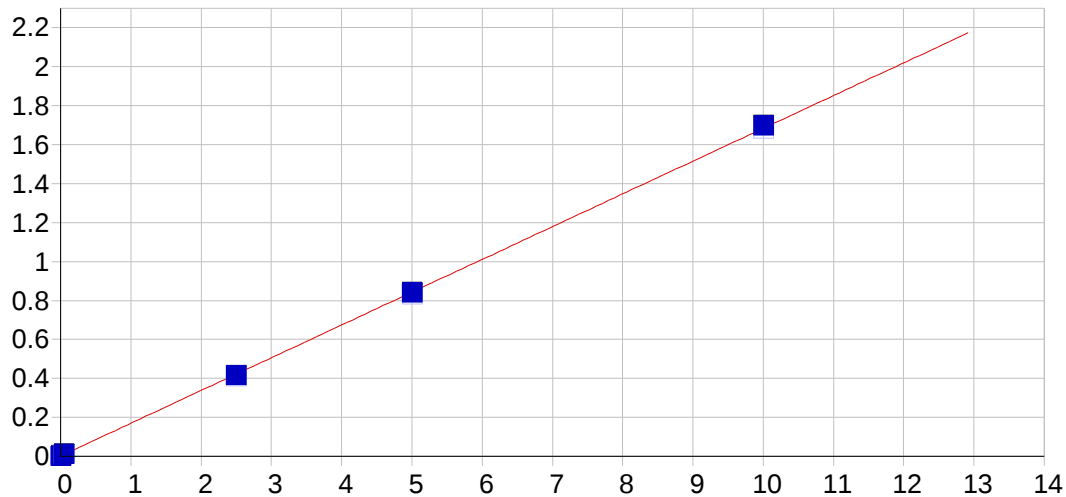
Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000214 Re-Slope: 1.000000
 A1 (Gain): 0.089637 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954
 Std Error of Est: 0.000021
 Predicted MDL: 0.003901
 Predicted MQL: 0.013004

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00021	.000	1
S1	.02000	.02189	.002	9.43	.00175	.000	1
S3	2.5000	2.4528	-.047	-1.89	.21960	.001	1
S4	5.0000	4.9785	-.022	-.430	.44594	.002	1
S5	10.000	10.067	.067	.668	.90195	.002	1



Sb 206.833 {463}

Date of Fit: 7/24/2019 17:19:59

Type of Fit: Linear

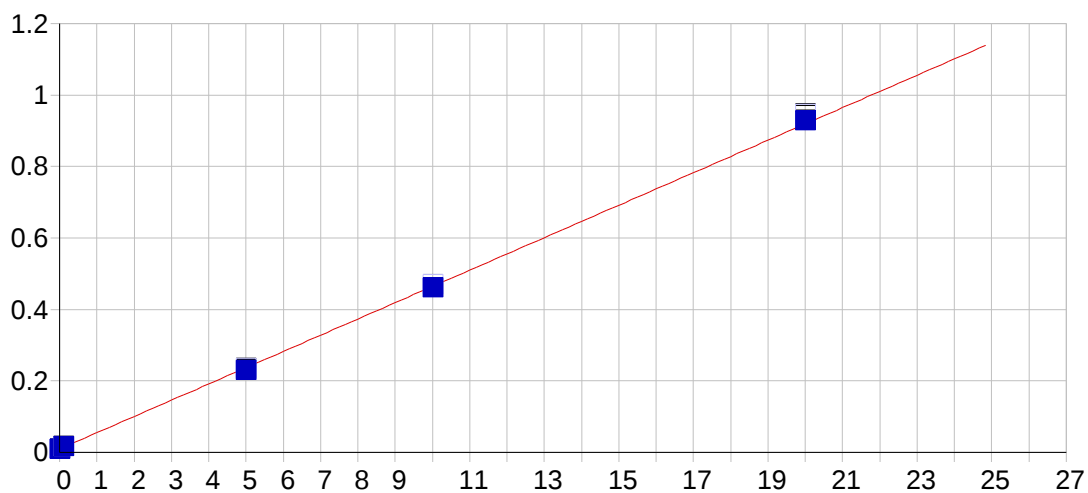
Weighting: 1/Conc

A0 (Offset): 0.001538
 A1 (Gain): 0.168204
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905
 Std Error of Est: 0.000088
 Predicted MDL: 0.002528
 Predicted MQL: 0.008427

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	.00154	.000	1
S1	.05000	.05766	.008	15.3	.01103	.000	1
S3	2.5000	2.4436	-.056	-2.25	.40784	.001	1
S4	5.0000	4.9698	-.030	-.604	.82802	.003	1
S5	10.000	10.079	.079	.790	1.6780	.001	1

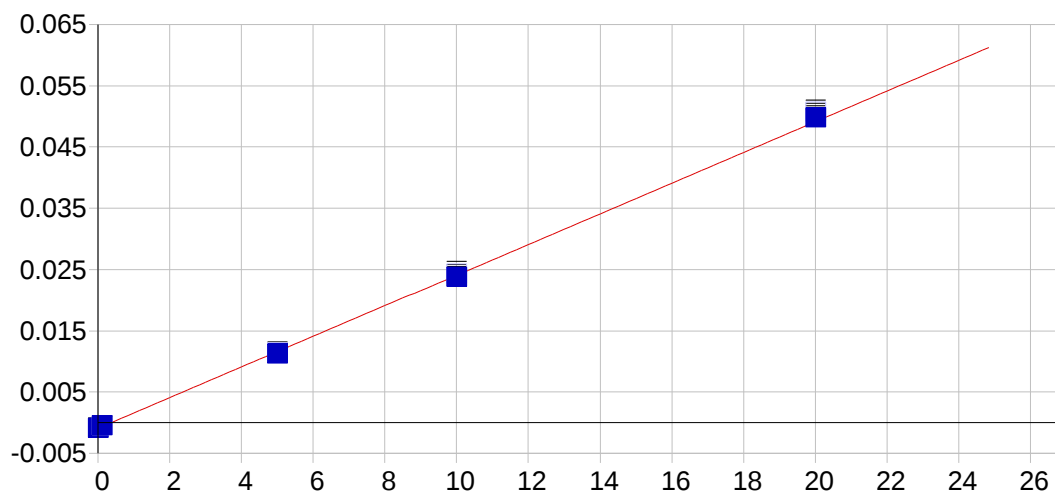


AI 308.215 {109}

Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009574 Re-Slope: 1.000000
 A1 (Gain): 0.045481 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999609 Status: OK.
 Std Error of Est: 0.000099
 Predicted MDL: 0.004129
 Predicted MQL: 0.013764

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00957	.000	1
S1	.10000	.14653	.047	46.5	.01655	.000	1
S3	5.0000	4.8477	-.152	-3.05	.23458	.000	1
S4	10.000	9.9226	-.077	-.774	.46992	.000	1
S5	20.000	20.181	.181	.905	.94553	.003	1



AI 309.271 {109}

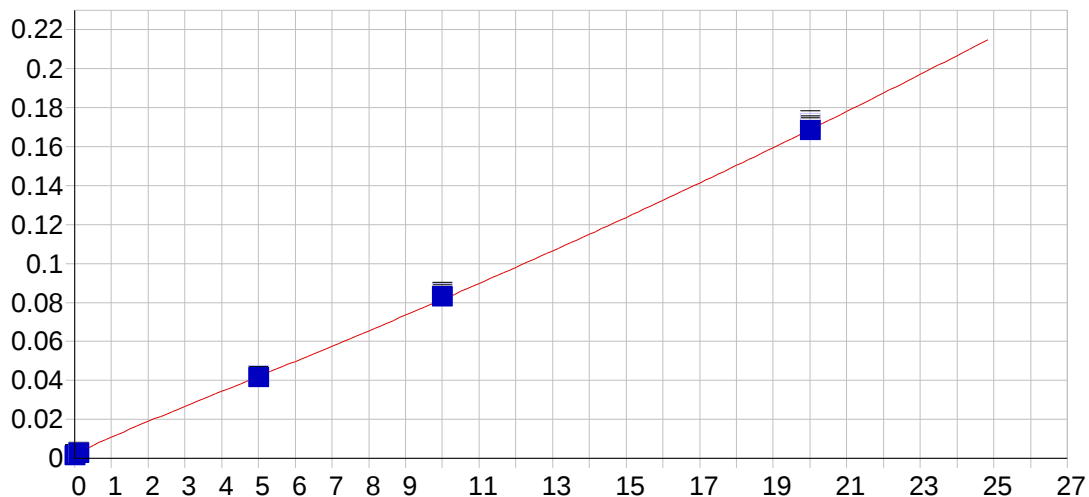
Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000930 Re-Slope: 1.000000
 A1 (Gain): 0.002502 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999498
 Std Error of Est: 0.000006
 Predicted MDL: 0.047894
 Predicted MQL: 0.159648

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	-.00093	.000	1
S1	.10000	.15108	.051	51.1	-.00054	.000	1
S3	5.0000	4.8328	-.167	-3.34	.01141	.000	1
S4	10.000	9.8640	-.136	-1.36	.02425	.000	1
S5	20.000	20.250	.250	1.25	.05073	.000	1



AI 396.152 { 85}

Date of Fit: 7/24/2019 17:19:59

Type of Fit: Full Fit

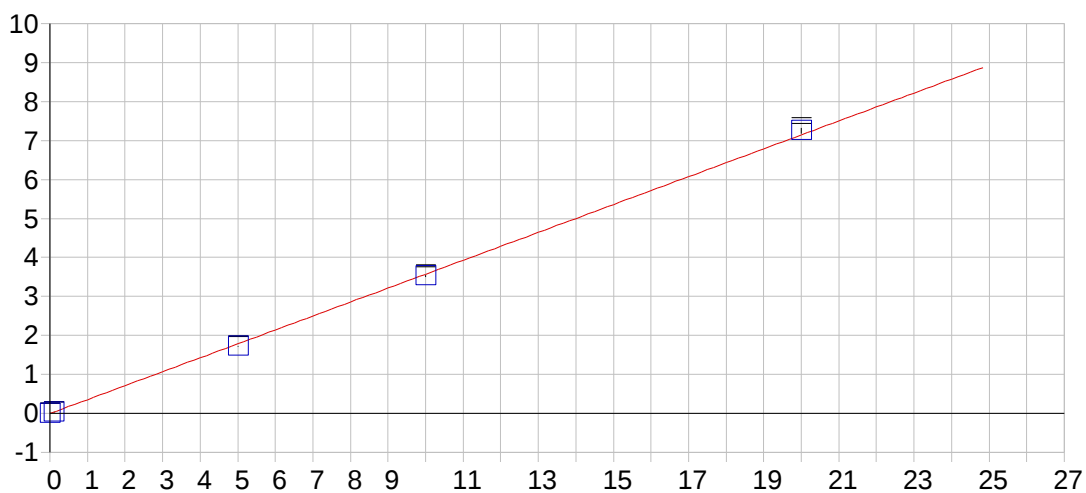
Weighting: 1/Conc

A0 (Offset): 0.001257
 A1 (Gain): 0.009235
 A2 (Curvature): 0.000391
 n (Exponent): 0.830000
 Correlation: 0.999951
 Std Error of Est: 0.000011
 Predicted MDL: 0.020953
 Predicted MQL: 0.069844

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	.00126	.000	1
S1	.10000	.10183	.002	1.83	.00272	.000	1
S3	5.0000	4.9073	-.093	-1.85	.04224	.000	1
S4	10.000	10.141	.141	1.41	.08454	.000	1
S5	20.000	19.953	-.047	-.237	.17194	.001	1

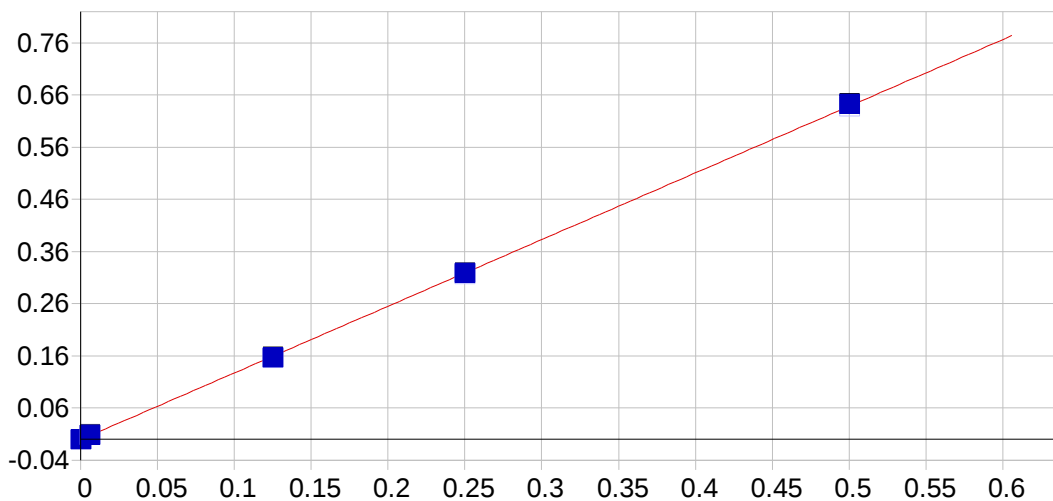


Ba 493.409 { 68}

Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003312 Re-Slope: 1.000000
 A1 (Gain): 0.357431 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999798 Status: OK.
 Std Error of Est: 0.000549
 Predicted MDL: 0.001008
 Predicted MQL: 0.003360

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00331	.000	1
S1	.10000	.10925	.009	9.25	.03574	.000	1
S3	5.0000	4.8160	-.184	-3.68	1.7181	.005	1
S5	20.000	20.309	.309	1.54	7.2556	.075	1
S4	10.000	9.8661	-.134	-1.34	3.5231	.029	1



Be 234.861 {144}

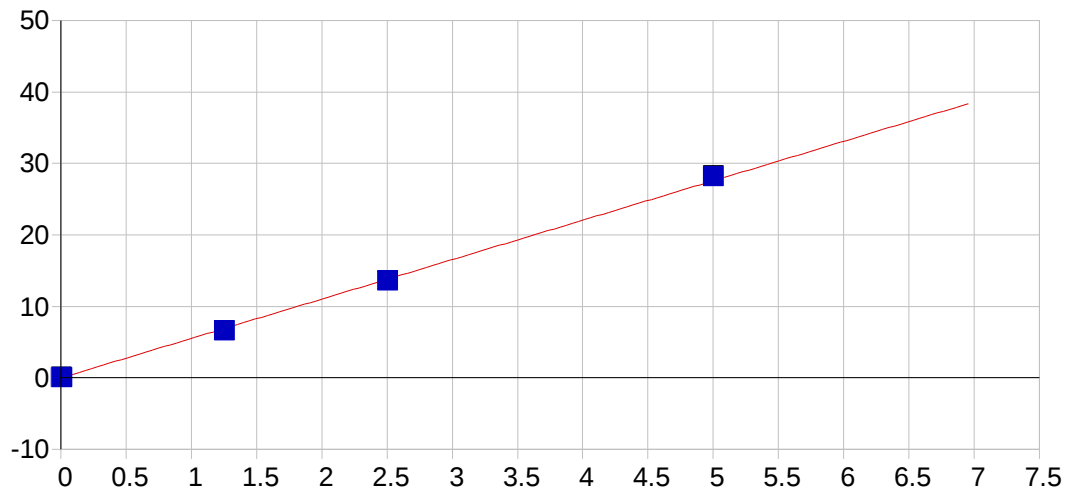
Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000324 Re-Slope: 1.000000
 A1 (Gain): 1.278020 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898
 Std Error of Est: 0.000054
 Predicted MDL: 0.000100
 Predicted MQL: 0.000332

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00033	.000	1
S1	.00600	.00685	.001	14.2	.00835	.000	1
S3	.12500	.12267	-.002	-1.87	.15544	.001	1
S4	.25000	.24925	-.001	-.301	.31621	.000	1
S5	.50000	.50223	.002	.447	.63752	.002	1



Cd 226.502 {449}

Date of Fit: 7/24/2019 17:19:59

Type of Fit: Linear

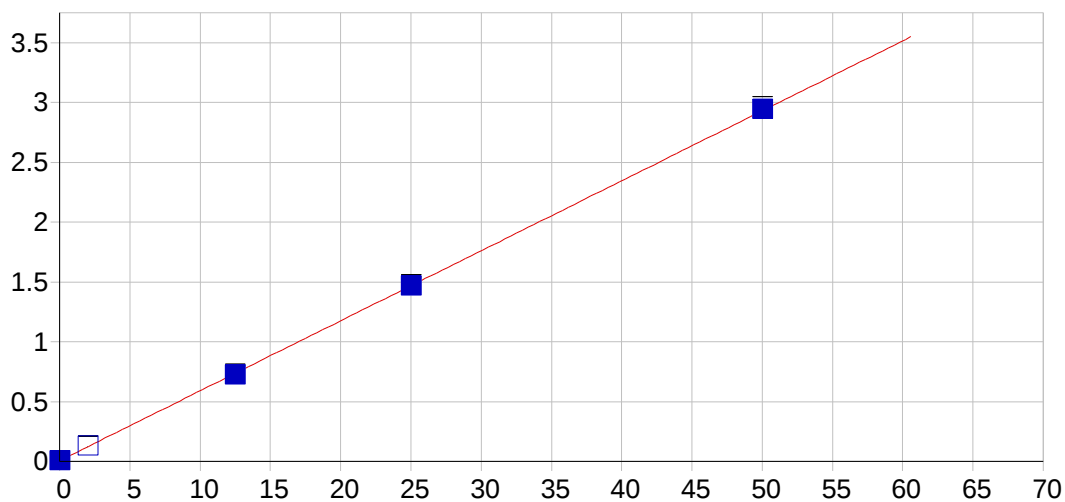
Weighting: 1/Conc

A0 (Offset): -0.002311
 A1 (Gain): 5.515285
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999614
 Std Error of Est: 0.001434
 Predicted MDL: 0.000108
 Predicted MQL: 0.000359

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	-.00231	.000	1
S1	.00600	.00617	.000	2.87	.03179	.000	1
S3	1.2500	1.1836	-.066	-5.32	6.5269	.013	1
S4	2.5000	2.4557	-.044	-1.77	13.545	.007	1
S5	5.0000	5.1106	.111	2.21	28.190	.085	1

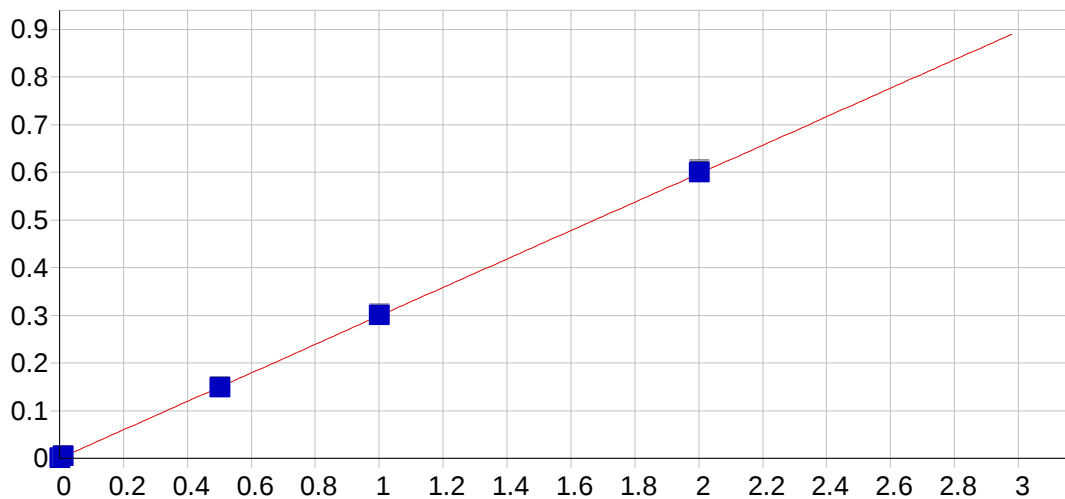


Ca 373.690 { 90}

Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005070 Re-Slope: 1.000000
 A1 (Gain): 0.058505 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942 Status: OK.
 Std Error of Est: 0.000344
 Predicted MDL: 0.031123
 Predicted MQL: 0.103742

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0986	.099	4.93	.12785	.002	1
S0	.00000	-.00006	-.000	.000	.00507	.001	1
S3	12.500	12.251	-.249	-2.00	.72218	.003	1
S4	25.000	24.989	-.011	-.043	1.4678	.010	1
S5	50.000	50.162	.162	.323	2.9413	.024	1



Cr 267.716 {126}

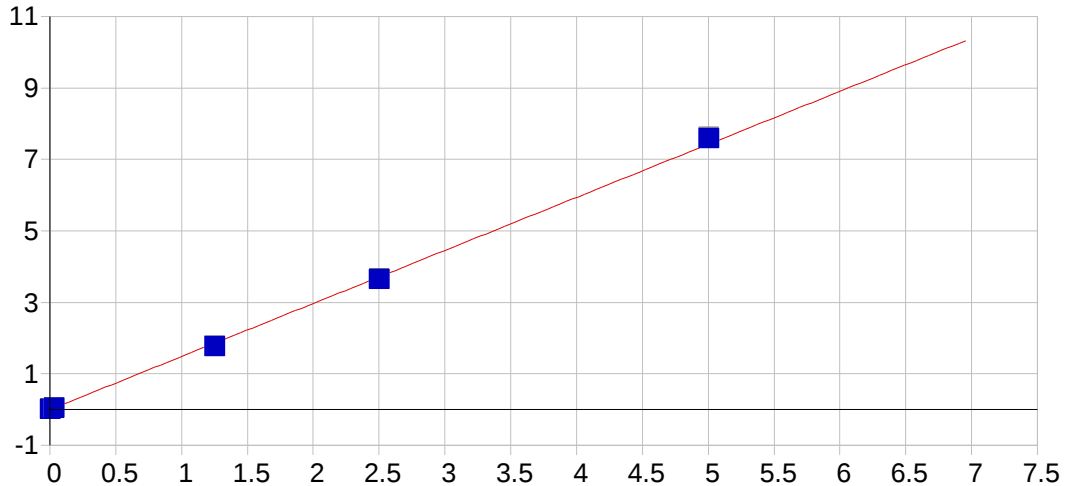
Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000189 Re-Slope: 1.000000
 A1 (Gain): 0.298541 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956
 Std Error of Est: 0.000022
 Predicted MDL: 0.000582
 Predicted MQL: 0.001939

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00019	.000	1
S1	.01000	.01147	.001	14.7	.00363	.000	1
S3	.50000	.49329	-.007	-1.34	.14863	.000	1
S4	1.0000	1.0016	.002	.163	.30157	.000	1
S5	2.0000	2.0036	.004	.180	.60304	.001	1



Co 228.616 {447}

Date of Fit: 7/24/2019 17:19:59

Type of Fit: Linear

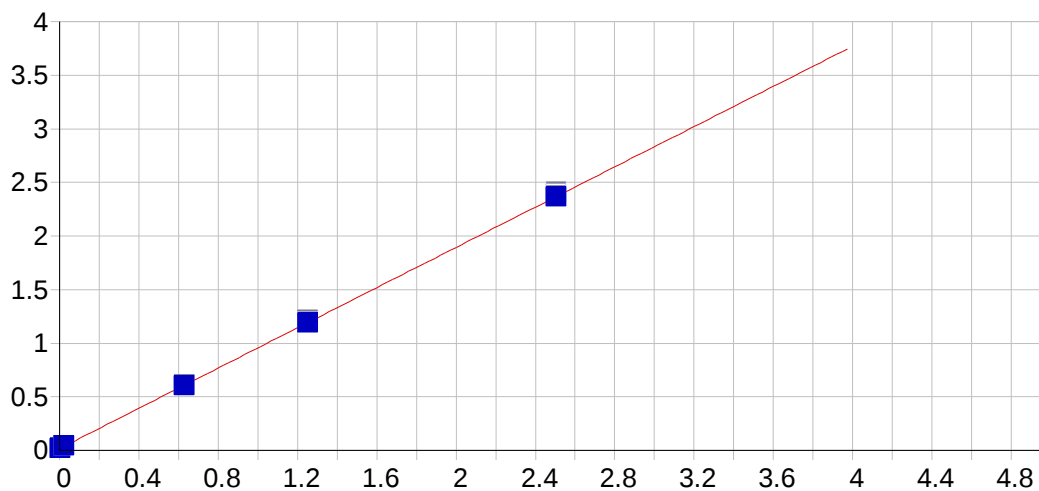
Weighting: 1/Conc

A0 (Offset): -0.000800
 A1 (Gain): 1.484752
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999641
 Std Error of Est: 0.000834
 Predicted MDL: 0.000333
 Predicted MQL: 0.001110

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	-.00080	.000	1
S1	.03000	.03026	.000	.877	.04383	.000	1
S3	1.2500	1.1902	-.060	-4.78	1.7678	.001	1
S4	2.5000	2.4494	-.051	-2.02	3.6388	.004	1
S5	5.0000	5.1101	.110	2.20	7.5923	.015	1

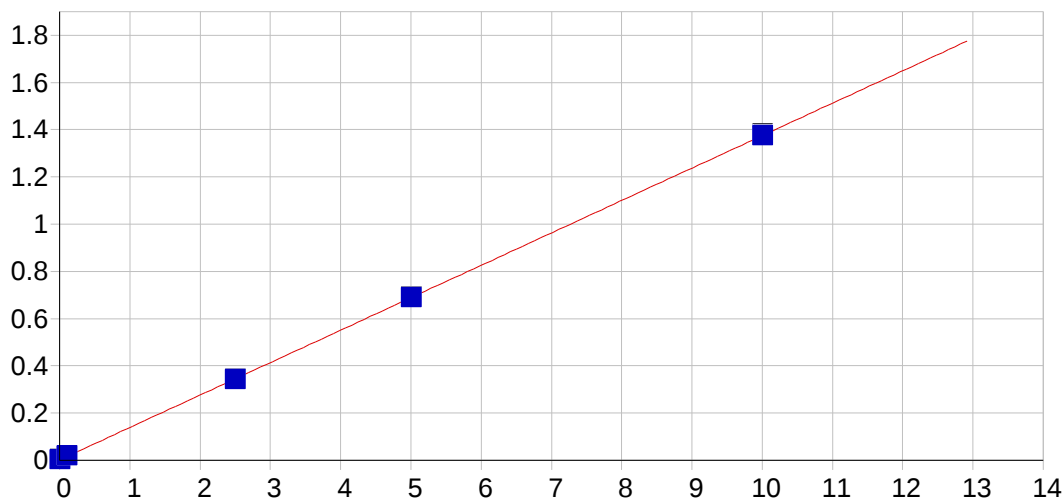


Cu 224.700 {450}

Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.017236 Re-Slope: 1.000000
 A1 (Gain): 0.938381 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000134
 Predicted MDL: 0.000588
 Predicted MQL: 0.001961

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01723	.000	1
S1	.02000	.02347	.003	17.3	.03955	.000	1
S3	.62500	.62241	-.003	-.414	.61078	.001	1
S4	1.2500	1.2487	-.001	-.103	1.2080	.001	1
S5	2.5000	2.5004	.000	.017	2.4015	.004	1



Fe 240.488 {140}

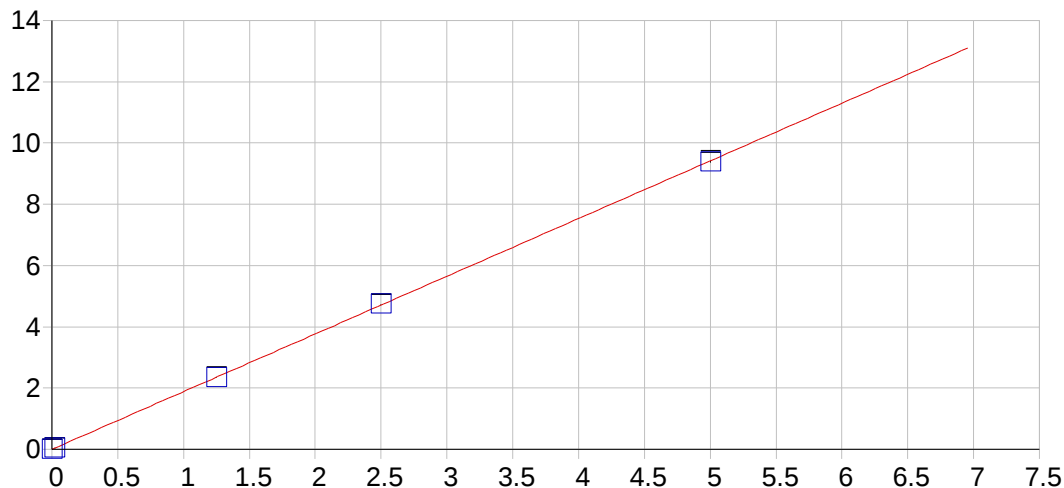
Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001800 Re-Slope: 1.000000
 A1 (Gain): 0.137320 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925
 Std Error of Est: 0.000092
 Predicted MDL: 0.000983
 Predicted MQL: 0.003275

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00180	.000	1
S1	.10000	.11569	.016	15.7	.01775	.000	1
S3	2.5000	2.4775	-.023	-.900	.34329	.001	1
S4	5.0000	5.0057	.006	.113	.69174	.000	1
S5	10.000	10.001	.001	.011	1.3803	.002	1



Mn 257.610 {131}

Date of Fit: 7/24/2019 17:19:59

Type of Fit: Linear

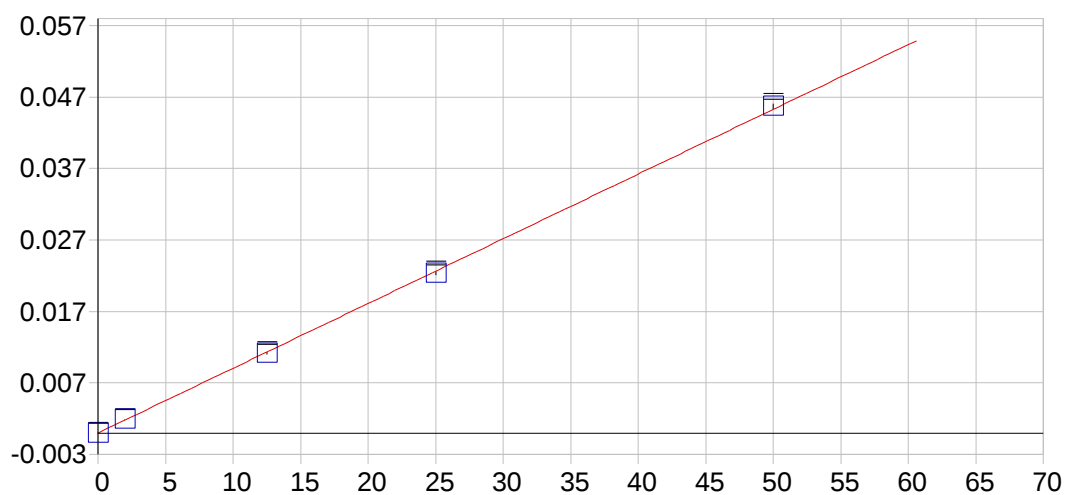
Weighting: 1/Conc

A0 (Offset): 0.000153
 A1 (Gain): 1.883405
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945
 Std Error of Est: 0.000337
 Predicted MDL: 0.000085
 Predicted MQL: 0.000285

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	.00015	.000	1
S1	.02000	.02403	.004	20.2	.04541	.000	1
S3	1.2500	1.2453	-.005	-.374	2.3456	.012	1
S4	2.5000	2.5149	.015	.594	4.7366	.011	1
S5	5.0000	4.9858	-.014	-.284	9.3904	.036	1

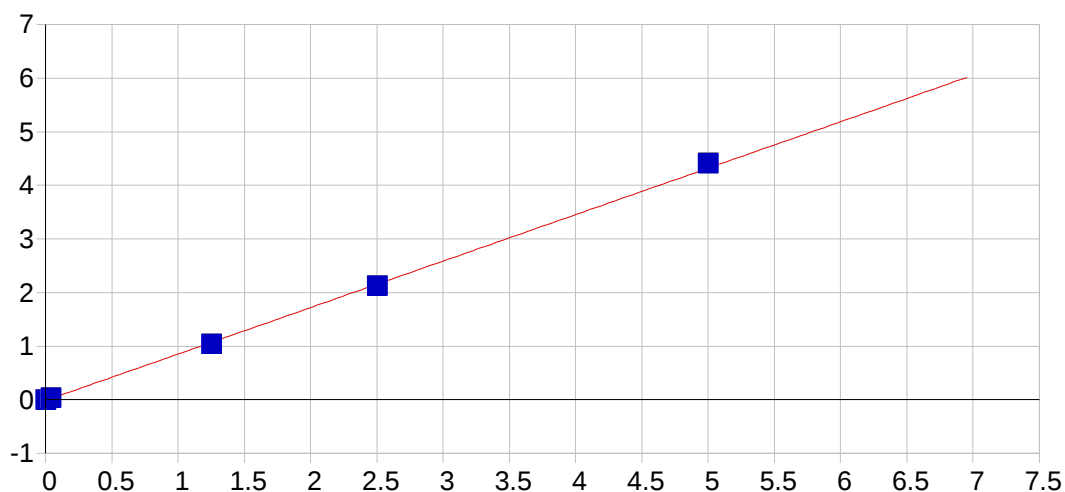


Mg 279.079 {121}

Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000003 Re-Slope: 1.000000
 A1 (Gain): 0.000906 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.071734
 Predicted MQL: 0.239112

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0842	.084	4.21	.00188	.000	1
S0	.00000	-.00004	-.000	.000	-.00000	.000	1
S3	12.500	12.314	-.186	-1.49	.01115	.000	1
S4	25.000	24.637	-.363	-1.45	.02231	.000	1
S5	50.000	50.465	.465	.930	.04571	.000	1



Ni 231.604 {445}

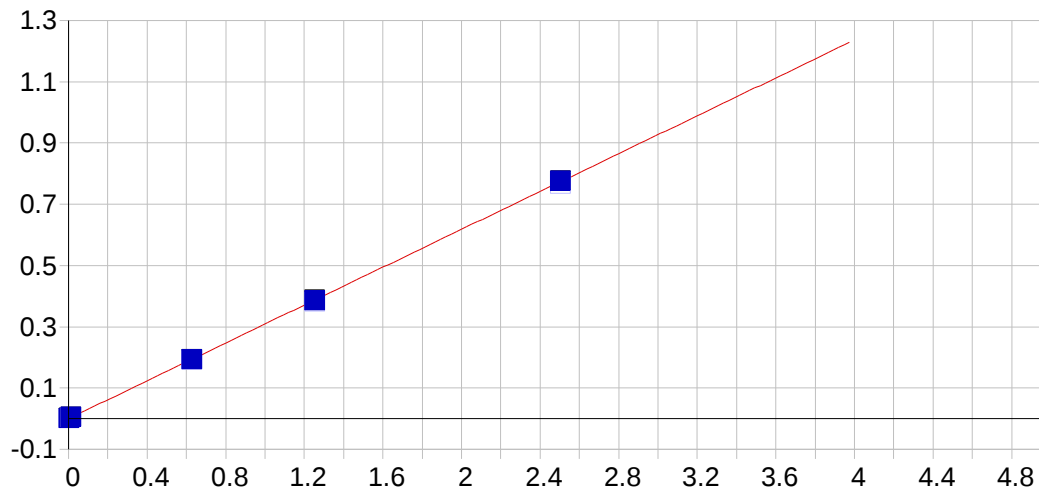
Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.014895 Re-Slope: 1.000000
 A1 (Gain): 0.866848 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999731
 Std Error of Est: 0.000487
 Predicted MDL: 0.000604
 Predicted MQL: 0.002012

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01490	.000	1
S1	.04000	.04197	.002	4.91	.02150	.000	1
S3	1.2500	1.1989	-.051	-4.09	1.0256	.003	1
S4	2.5000	2.4554	-.045	-1.78	2.1160	.004	1
S5	5.0000	5.0937	.094	1.87	4.4053	.009	1



Ag 328.068 {103}

Date of Fit: 7/24/2019 17:19:59

Type of Fit: Linear

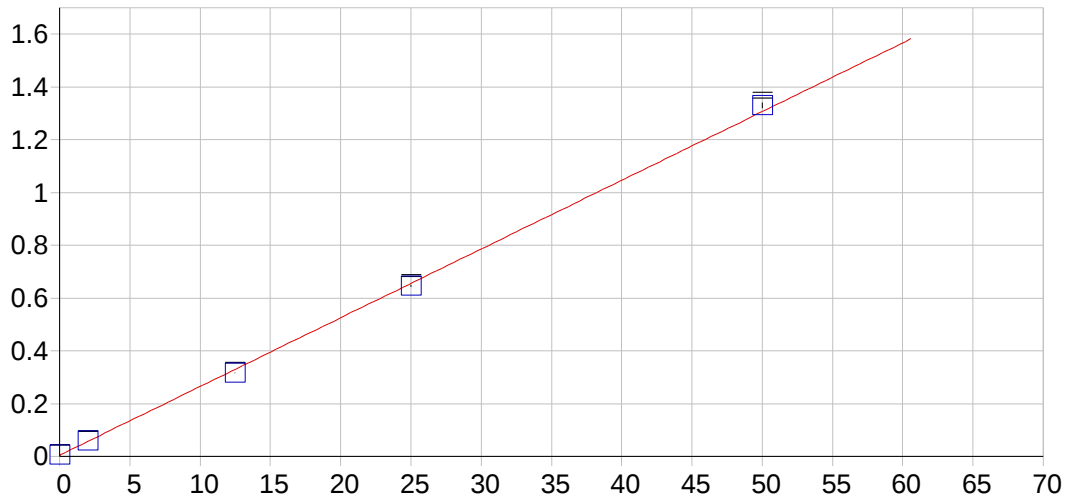
Weighting: 1/Conc

A0 (Offset): 0.000033
 A1 (Gain): 0.309047
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973
 Std Error of Est: 0.000019
 Predicted MDL: 0.000855
 Predicted MQL: 0.002851

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	.00003	.000	1
S1	.01000	.01135	.001	13.5	.00348	.000	1
S3	.62500	.62071	-.004	-.687	.18966	.000	1
S4	1.2500	1.2469	-.003	-.246	.38099	.001	1
S5	2.5000	2.5060	.006	.241	.76572	.001	1

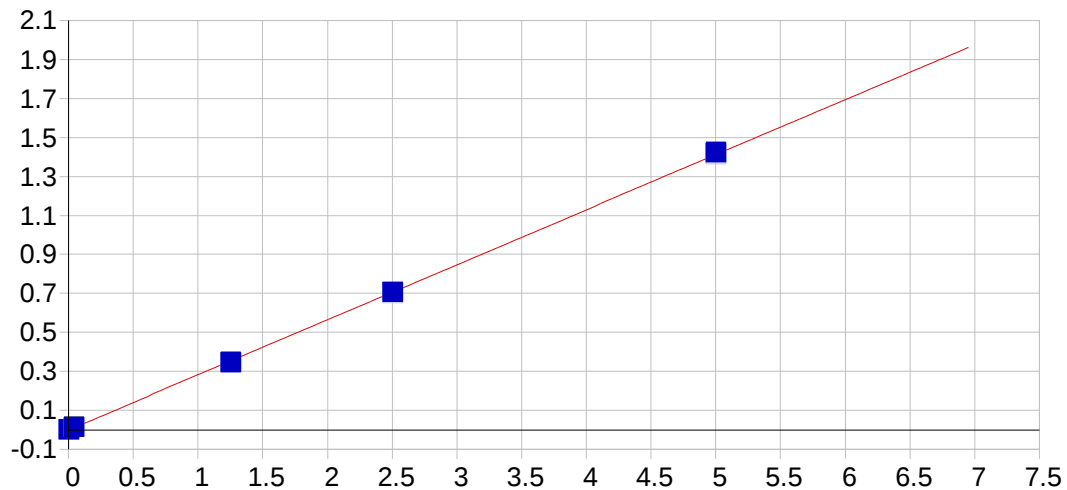


Na 589.592 { 57}

Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004484 Re-Slope: 1.000000
 A1 (Gain): 0.026041 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999759 Status: OK.
 Std Error of Est: 0.000312
 Predicted MDL: 0.018223
 Predicted MQL: 0.060742

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0251	.025	1.26	.05722	.001	1
S0	.00000	.00005	.000	.000	.00449	.000	1
S3	12.500	11.975	-.525	-4.20	.31633	.001	1
S4	25.000	24.627	-.373	-1.49	.64580	.004	1
S5	50.000	50.872	.872	1.74	1.3292	.011	1



V 292.402 {115}

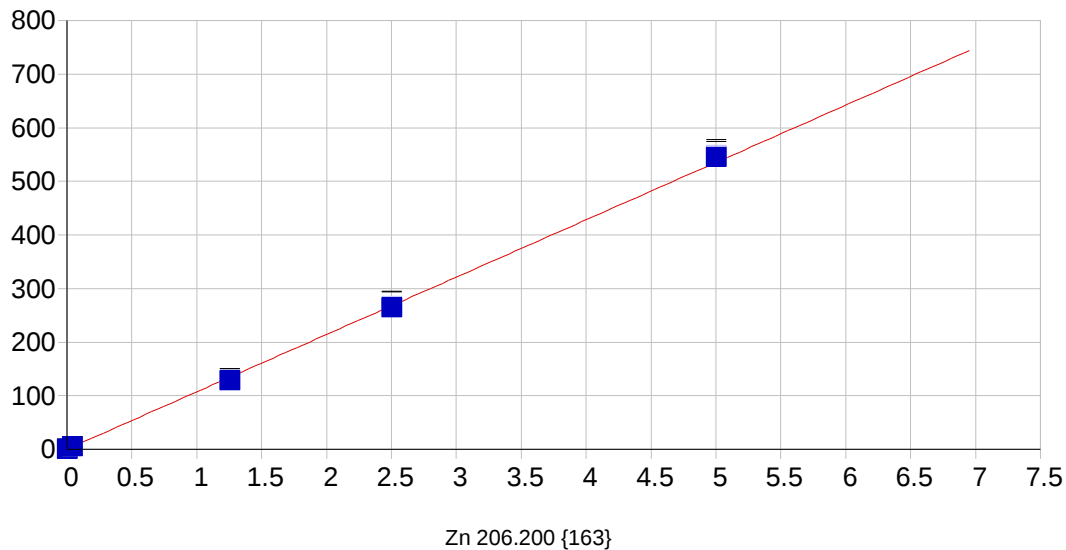
Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000438 Re-Slope: 1.000000
 A1 (Gain): 0.282394 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938
 Std Error of Est: 0.000076
 Predicted MDL: 0.000703
 Predicted MQL: 0.002344

Status: OK.

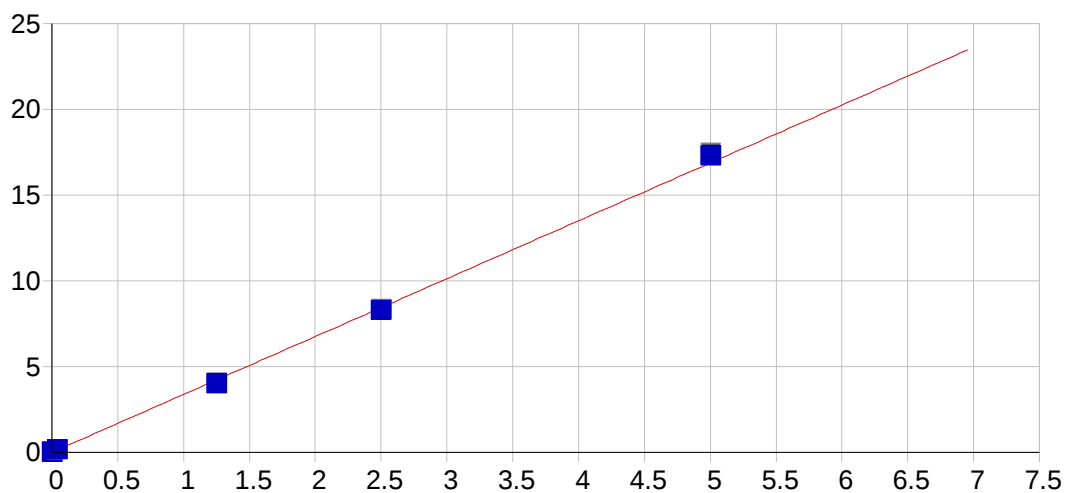
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00044	.000	1
S1	.04000	.04262	.003	6.56	.01142	.000	1
S3	1.2500	1.2219	-.028	-2.25	.34231	.001	1
S4	2.5000	2.4910	-.009	-.362	.69838	.000	1
S5	5.0000	5.0345	.035	.691	1.4121	.001	1



Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.247592 Re-Slope: 1.000000
 A1 (Gain): 106.980207 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999759 Status: OK.
 Std Error of Est: 0.057203
 Predicted MDL: 0.000396
 Predicted MQL: 0.001319

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.24758	.042	1
S1	.04000	.04172	.002	4.29	4.7387	.056	1
S3	1.2500	1.1962	-.054	-4.30	129.03	2.68	1
S4	2.5000	2.4666	-.033	-1.33	265.75	10.1	1
S5	5.0000	5.0854	.085	1.71	547.52	11.3	1

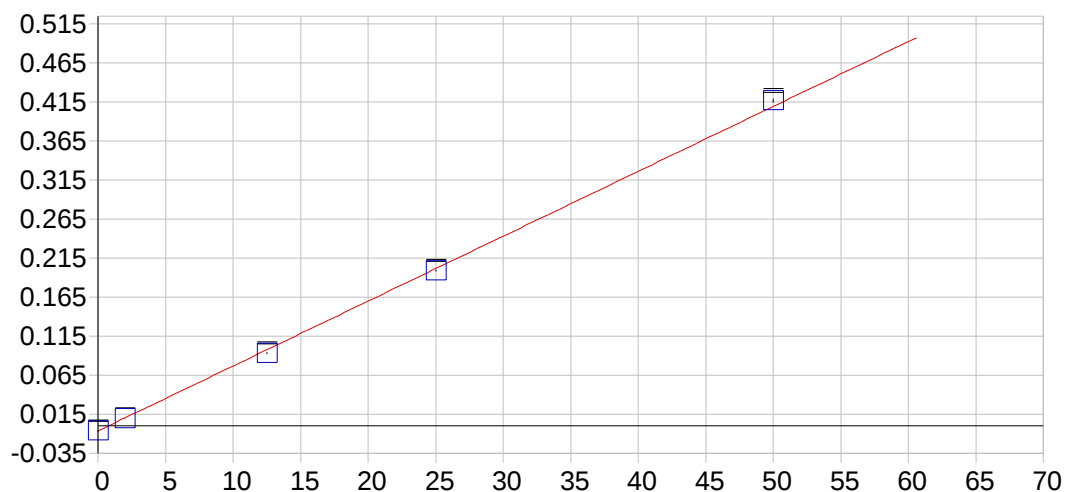


Zn 213.856 {458}

Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005335 Re-Slope: 1.000000
 A1 (Gain): 3.374274 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999575 Status: OK.
 Std Error of Est: 0.002397
 Predicted MDL: 0.000123
 Predicted MQL: 0.000410

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00534	.001	1
S1	.04000	.04077	.001	1.93	.14385	.001	1
S3	1.2500	1.1799	-.070	-5.61	4.0135	.009	1
S4	2.5000	2.4526	-.047	-1.90	8.3348	.003	1
S5	5.0000	5.1168	.117	2.34	17.378	.036	1



K 766.490 {44}

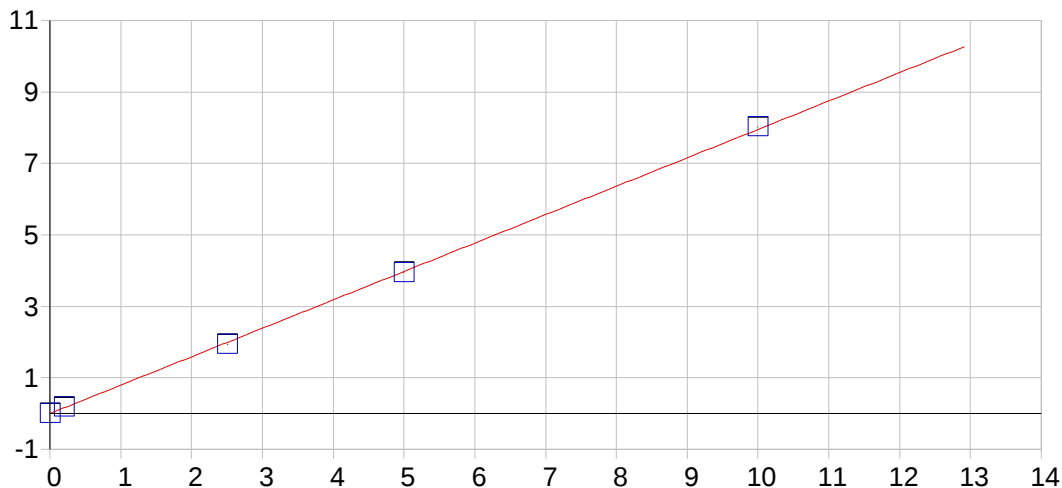
Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006285 Re-Slope: 1.000000
 A1 (Gain): 0.008313 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999731
 Std Error of Est: 0.000105
 Predicted MDL: 0.068447
 Predicted MQL: 0.228156

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9088	-.091	-4.56	.00958	.001	1
S0	.00000	.00016	.000	.000	-.00628	.000	1
S3	12.500	11.966	-.534	-4.27	.09319	.001	1
S4	25.000	24.693	-.307	-1.23	.19898	.001	1
S5	50.000	50.932	.932	1.86	.41709	.002	1



Mo 202.030 {467}

Date of Fit: 7/24/2019 17:19:59

Type of Fit: Linear

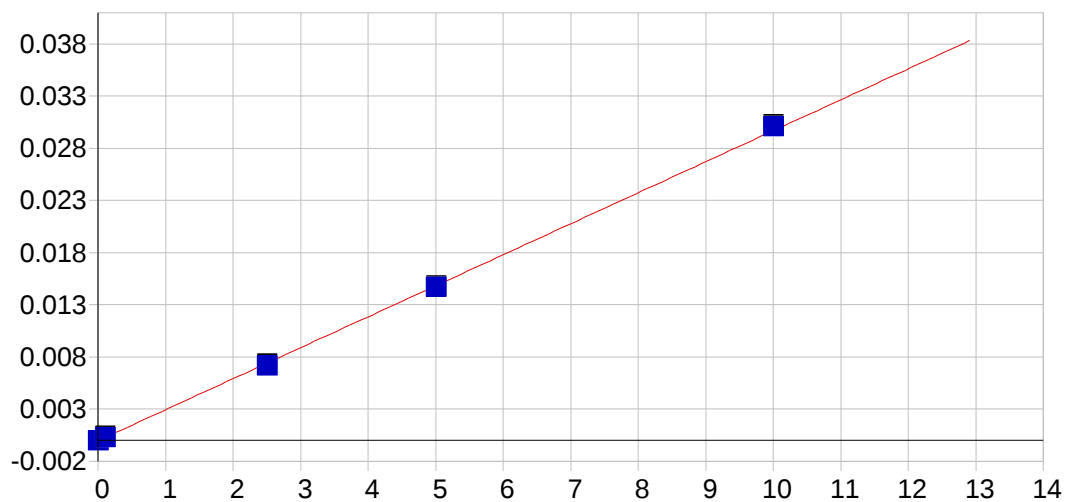
Weighting: 1/Conc

A0 (Offset): 0.000048
 A1 (Gain): 0.795178
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879
 Std Error of Est: 0.000949
 Predicted MDL: 0.000428
 Predicted MQL: 0.001427

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	.00004	.000	1
S1	.20000	.21774	.018	8.87	.17319	.001	1
S3	2.5000	2.4346	-.065	-2.62	1.9360	.004	1
S4	5.0000	4.9630	-.037	-.739	3.9465	.006	1
S5	10.000	10.085	.085	.846	8.0191	.008	1

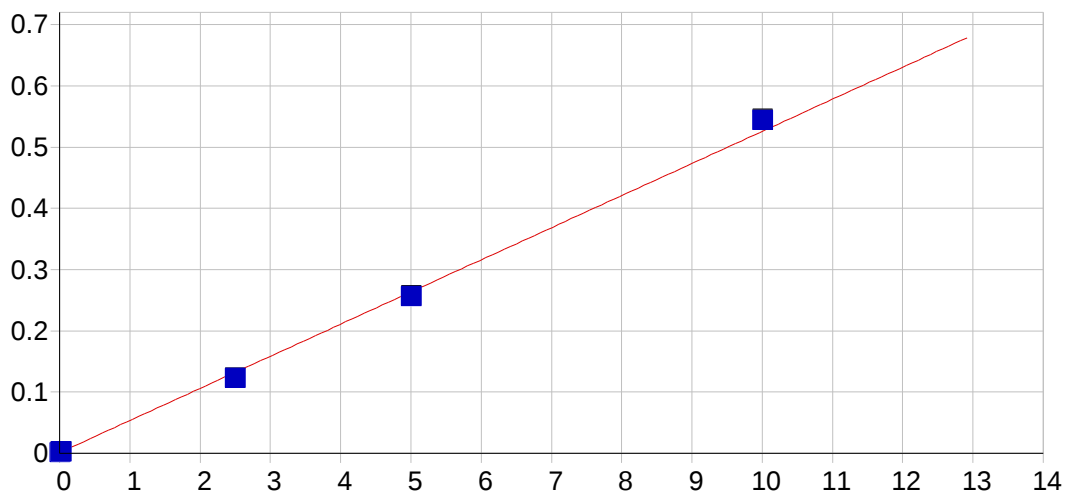


B 249.678 {135}

Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000024 Re-Slope: 1.000000
 A1 (Gain): 0.002971 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999851 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.018207
 Predicted MQL: 0.060689

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.10000	.10649	.006	6.49	.00029	.000	1
S3	2.5000	2.4157	-.084	-3.37	.00714	.000	1
S4	5.0000	4.9540	-.046	-.920	.01467	.000	1
S5	10.000	10.124	.124	1.24	.03000	.000	1



S 182.034 {485}

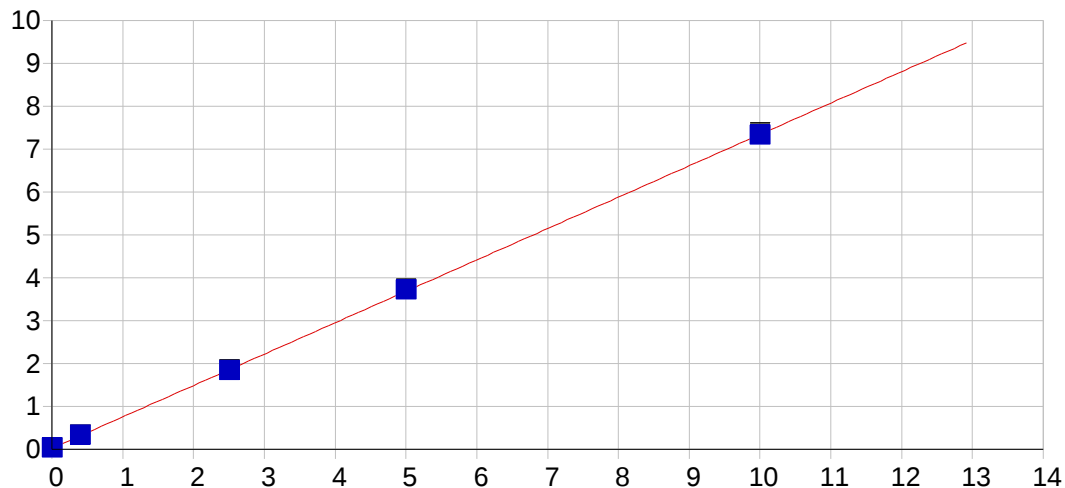
Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001129 Re-Slope: 1.000000
 A1 (Gain): 0.052456 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999118
 Std Error of Est: 0.000053
 Predicted MDL: 0.004280
 Predicted MQL: 0.014265

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00113	.000	1
S1	.02000	.02038	.000	1.89	.00217	.000	1
S3	2.5000	2.3075	-.193	-7.70	.12202	.000	1
S4	5.0000	4.8512	-.149	-2.98	.25531	.001	1
S5	10.000	10.341	.341	3.41	.54299	.002	1



Si 288.158 {117}

Date of Fit: 7/24/2019 17:19:59

Type of Fit: Linear

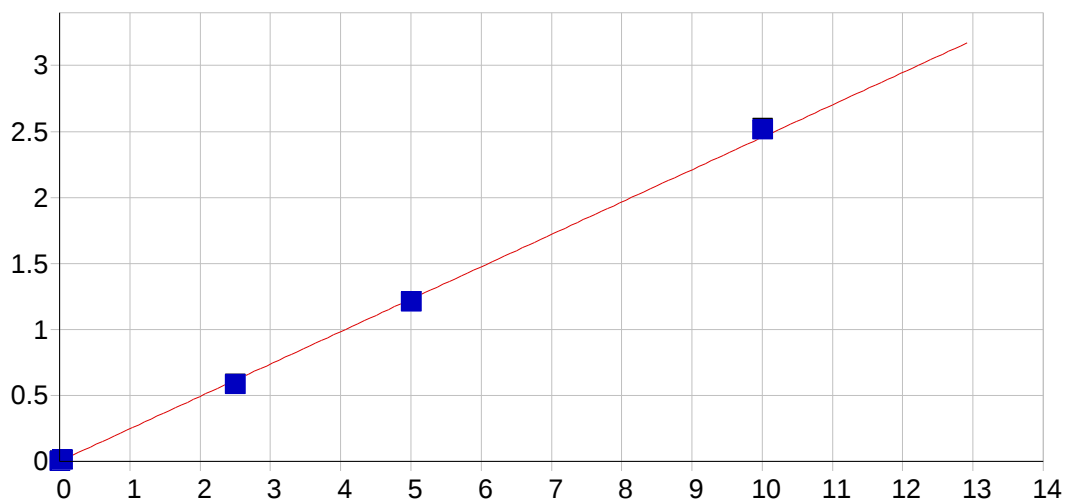
Weighting: 1/Conc

A0 (Offset): 0.025548
 A1 (Gain): 0.731933
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953
 Std Error of Est: 0.000770
 Predicted MDL: 0.003454
 Predicted MQL: 0.011512

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	.02554	.001	1
S1	.40000	.41766	.018	4.41	.33100	.004	1
S3	2.5000	2.4668	-.033	-1.33	1.8301	.017	1
S4	5.0000	5.0429	.043	.857	3.7146	.021	1
S5	10.000	9.9727	-.027	-.273	7.3210	.045	1

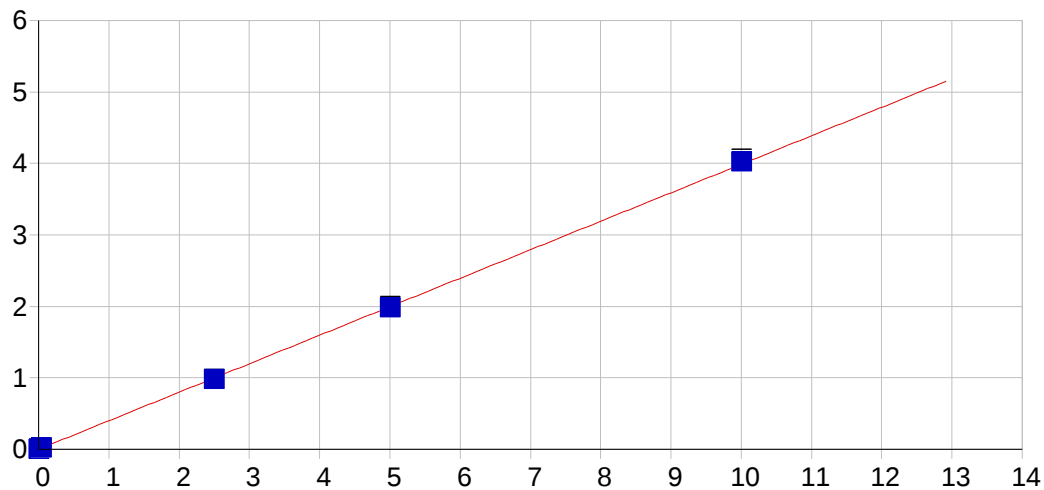


Sn 189.989 {477}

Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001766 Re-Slope: 1.000000
 A1 (Gain): 0.245443 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999596 Status: OK.
 Std Error of Est: 0.000238
 Predicted MDL: 0.000952
 Predicted MQL: 0.003172

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00177	.000	1
S1	.04000	.04012	.000	.304	.01161	.000	1
S3	2.5000	2.3638	-.136	-5.45	.58204	.001	1
S4	5.0000	4.9098	-.090	-1.80	1.2071	.002	1
S5	10.000	10.226	.226	2.26	2.5122	.008	1



Ti 336.121 {100}

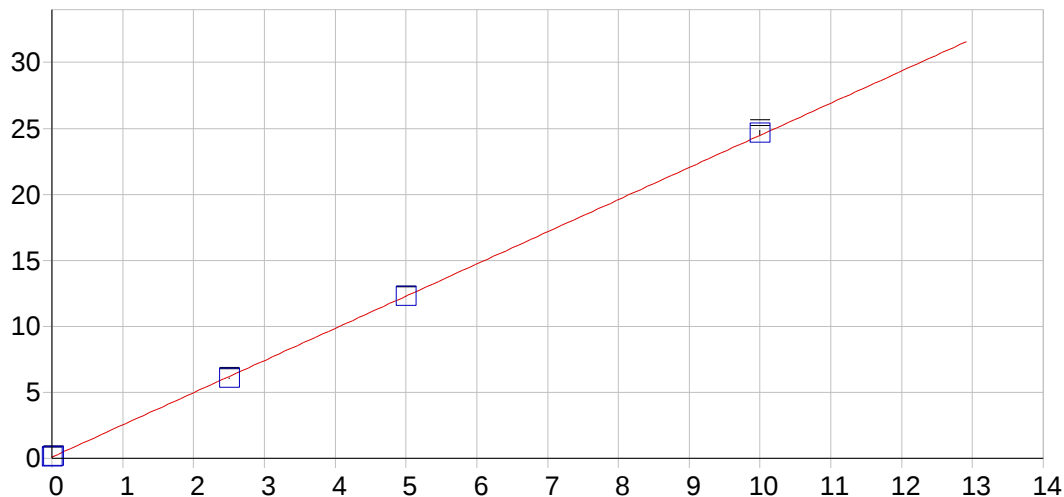
Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001427 Re-Slope: 1.000000
 A1 (Gain): 0.398701 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927
 Std Error of Est: 0.000165
 Predicted MDL: 0.003453
 Predicted MQL: 0.011511

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00143	.000	1
S1	.04000	.04162	.002	4.05	.01801	.001	1
S3	2.5000	2.4379	-.062	-2.48	.97328	.003	1
S4	5.0000	4.9711	-.029	-.577	1.9832	.011	1
S5	10.000	10.089	.089	.894	4.0236	.037	1



Li 670.784 { 50}

Date of Fit: 7/24/2019 17:19:59

Type of Fit: Linear

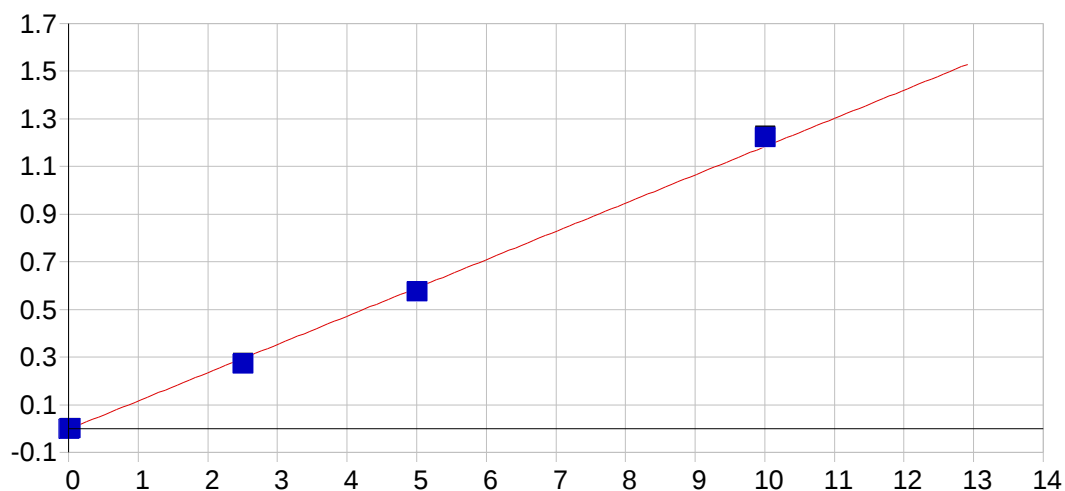
Weighting: 1/Conc

A0 (Offset): 0.096070
 A1 (Gain): 2.438183
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950
 Std Error of Est: 0.000587
 Predicted MDL: 0.002653
 Predicted MQL: 0.008844

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	.09607	.004	1
S1	.02000	.01933	-.001	-3.35	.14320	.010	1
S3	2.5000	2.4446	-.055	-2.21	6.0566	.047	1
S4	5.0000	4.9880	-.012	-.240	12.258	.031	1
S5	10.000	10.068	.068	.680	24.644	.215	1



P 177.495 {490}

Date of Fit: 7/24/2019 17:19:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002737 Re-Slope: 1.000000
 A1 (Gain): 0.118621 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999194 Status: OK.
 Std Error of Est: 0.000115
 Predicted MDL: 0.002005
 Predicted MQL: 0.006683

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00274	.000	1
S1	.02000	.02084	.001	4.21	-.00027	.000	1
S3	2.5000	2.3154	-.185	-7.38	.27149	.001	1
S4	5.0000	4.8589	-.141	-2.82	.57278	.001	1
S5	10.000	10.325	.325	3.25	1.2203	.005	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

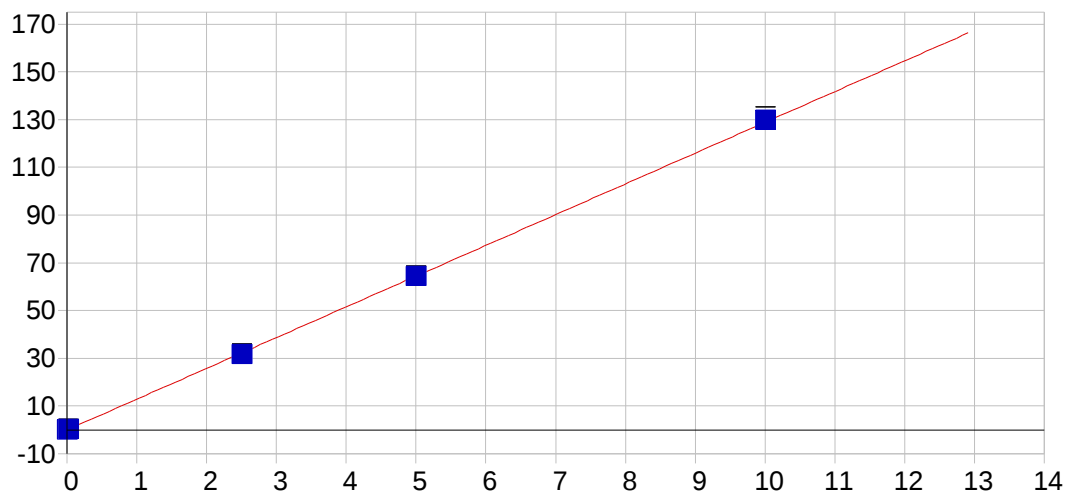
Status: Warning Zero Gain

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: 7/24/2019 17:19:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000078

Re-Slope: 1.000000

A1 (Gain): 12.883576

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999951

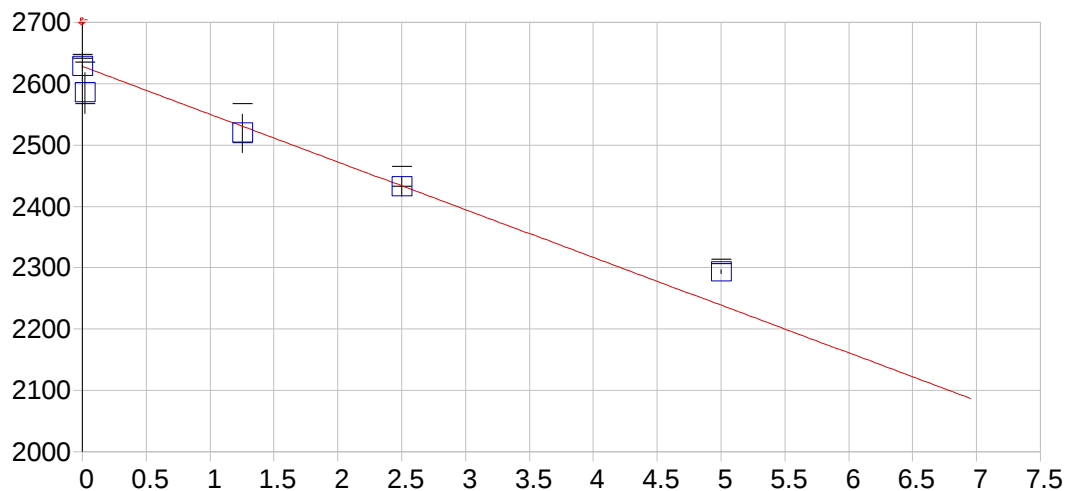
Status: OK.

Std Error of Est: 0.003087

Predicted MDL: 0.000191

Predicted MQL: 0.000636

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00011	.001	1
S1	.02000	.02258	.003	12.9	.29231	.002	1
S3	2.5000	2.4495	-.050	-2.02	31.594	.242	1
S4	5.0000	4.9891	-.011	-.219	64.348	.077	1
S5	10.000	10.059	.059	.588	129.74	1.34	1



Date of Fit: 7/24/2019 17:19:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 2628.036744

Re-Slope: 1.000000

A1 (Gain): -77.803078

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.613578

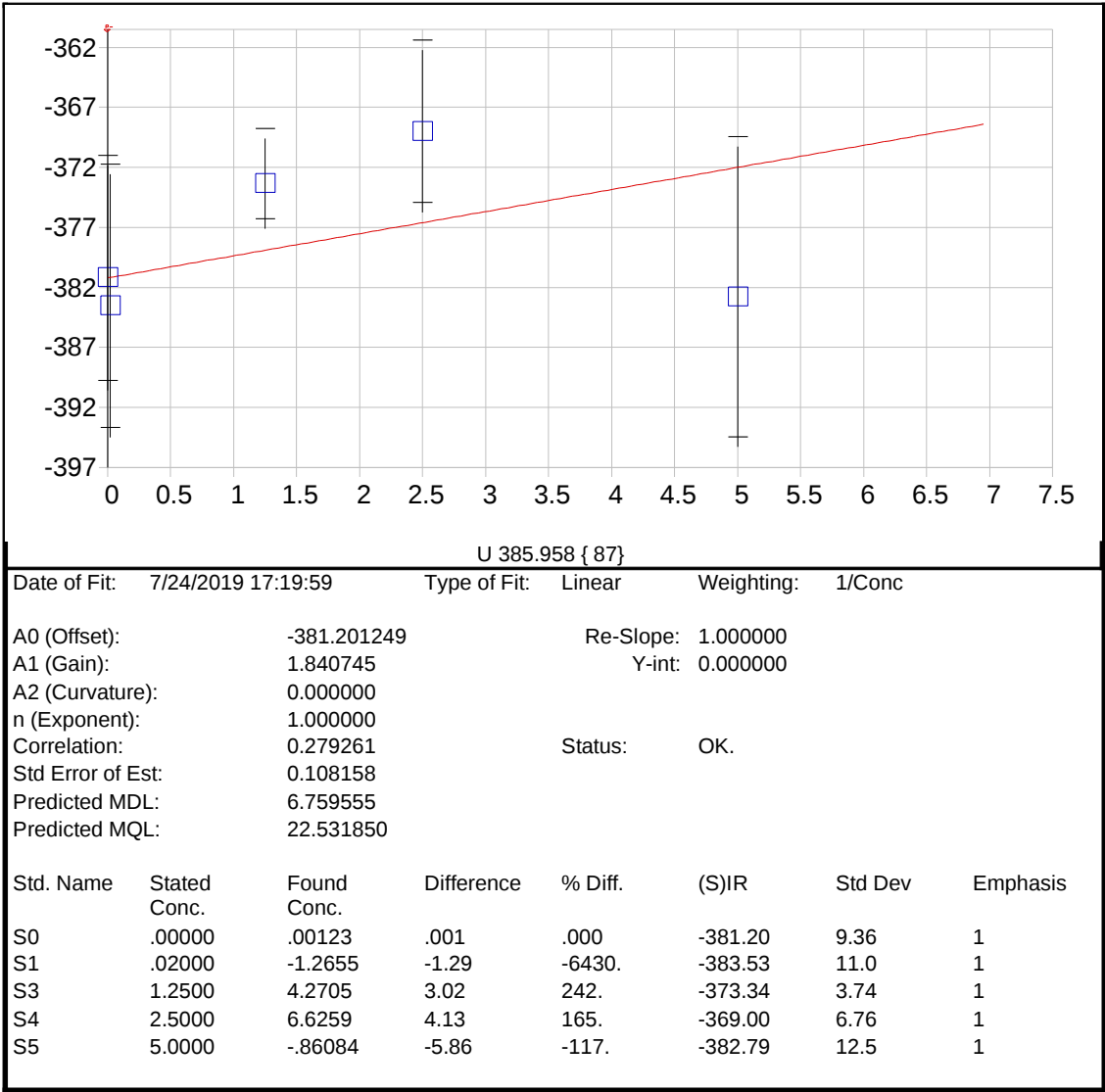
Status: Warning Negative Gain

Std Error of Est: 1.711045

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00054	-.001	.000	2628.1	3.44	1
S1	.02000	.55653	.537	2680.	2584.7	33.7	1
S3	1.2500	1.3997	.150	12.0	2519.1	31.7	1
S4	2.5000	2.5155	.015	.619	2432.3	16.3	1
S5	5.0000	4.2983	-.702	-14.0	2293.6	3.42	1



Sample Name: S0 Acquired: 7/24/2019 13:53:54 Type: Cal
Method: P4-ICP2(v3283) 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	-.00037	.00039	.00847	-.00021	.00154	.00126	-.00331	-.00033
Stddev	.00019	.00030	.00044	.00045	.00033	.00024	.00020	.00004
%RSD	51.639	75.726	5.1685	209.66	21.690	19.218	6.0555	13.785

#1	-.00018	.00040	.00835	.00004	.00120	.00150	-.00310	-.00034
#2	-.00038	.00009	.00895	.00005	.00186	.00126	-.00334	-.00036
#3	-.00056	.00069	.00810	-.00073	.00155	.00101	-.00350	-.00027

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	-.00231	.00507	.00019	-.00080	.01723	.00180	.00015	-.00000
Stddev	.00005	.00113	.00016	.00013	.00038	.00010	.00013	.00007
%RSD	2.1031	22.311	84.434	15.693	2.2272	5.4842	88.684	2172.2

#1	-.00236	.00563	.00017	-.00079	.01753	.00169	.00017	.00006
#2	-.00230	.00580	.00036	-.00093	.01737	.00183	.00026	-.00007
#3	-.00227	.00376	.00004	-.00068	.01680	.00188	.00001	-.00000

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	-.01490	.00003	.00449	-.00044	.00534	-.00628	.00004	-.00002
Stddev	.00030	.00030	.00032	.00002	.00066	.00044	.00012	.00001
%RSD	2.0476	918.36	7.1585	3.8394	12.364	7.0429	324.58	47.913

#1	-.01511	-.00013	.00427	-.00042	.00575	-.00652	-.00003	-.00002
#2	-.01455	.00037	.00485	-.00045	.00569	-.00656	.00018	-.00002
#3	-.01503	-.00014	.00434	-.00045	.00458	-.00577	-.00003	-.00004

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	.00113	.02554	.00177	.00143	.09607	-.0027	-.00011	2628.1
Stddev	.00019	.00054	.00012	.00048	.00431	.0000	.00075	3.4
%RSD	16.501	2.1210	6.5181	33.564	4.4912	.9336	699.99	.13105

#1	.00114	.02492	.00190	.00107	.09612	-.0027	.00059	2624.3
#2	.00131	.02592	.00172	.00123	.09173	-.0028	-.00001	2631.0
#3	.00094	.02578	.00168	.00197	.10036	-.0027	-.00090	2629.0

Sample Name: S0 Acquired: 7/24/2019 13:53:54 Type: Cal
 Method: P4-ICP2(v3283) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-381.20
Stddev	9.36
%RSD	2.4552

#1	-371.80
#2	-381.27
#3	-390.52

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.3	24682.	1697.1	31.377	2050.7
Stddev	8.5	91.	3.5	.594	12.5
%RSD	.43645	.36684	.20681	1.8925	.61193

#1	1944.6	24603.	1701.0	31.409	2036.8
#2	1950.9	24661.	1694.1	30.768	2054.0
#3	1961.5	24781.	1696.4	31.955	2061.3

Sample Name: S1 Acquired: 7/24/2019 13:58:20 Type: Cal
Method: P4-ICP2(v3283) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00112	.00935	.01276	.00175	.01103	.00272	.03574	.00835
Stddev	.00022	.00029	.00012	.00035	.00018	.00009	.00047	.00018
%RSD	20.148	3.1240	.95481	19.906	1.6586	3.4243	1.3091	2.1523

#1	.00095	.00916	.01262	.00139	.01097	.00282	.03580	.00820
#2	.00103	.00921	.01286	.00208	.01123	.00267	.03524	.00855
#3	.00137	.00969	.01280	.00177	.01088	.00265	.03617	.00831

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	.03179	.00363	.04383	.03955	.01775	.04541	.02150	.00348
Stddev	.00030	.00013	.00041	.00020	.00013	.00015	.00042	.00042
%RSD	.94340	3.6272	.92612	.50773	.74288	.32467	1.9522	12.168

#1	.03170	.00353	.04350	.03978	.01790	.04540	.02108	.00390
#2	.03213	.00358	.04429	.03942	.01771	.04527	.02151	.00347
#3	.03155	.00378	.04371	.03944	.01765	.04556	.02192	.00306

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	.01142	.14385	.17319	.00029	.00217	.33100	.01161	.01801
Stddev	.00012	.00088	.00079	.00009	.00026	.00350	.00026	.00078
%RSD	1.0553	.61483	.45903	29.990	12.085	1.0578	2.2452	4.3197

#1	.01150	.14427	.17326	.00034	.00247	.33097	.01175	.01733
#2	.01128	.14284	.17236	.00019	.00198	.33452	.01131	.01886
#3	.01149	.14445	.17395	.00034	.00205	.32752	.01177	.01784

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.14320	-.0003	.29231	2584.7	-383.53
Stddev	.01005	.0002	.00170	33.7	10.96
%RSD	7.0165	59.25	.58208	1.3039	2.8588

#1	.14846	-.0002	.29169	2582.3	-388.01
#2	.14952	-.0002	.29101	2552.3	-391.54
#3	.13162	-.0005	.29424	2619.6	-371.04

Sample Name: S1 Acquired: 7/24/2019 13:58:20 Type: Cal
Method: P4-ICP2(v3283) 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	1928.4	24353.	1692.6	31.127	2041.5
Stddev	2.5	95.	5.9	.684	5.2
%RSD	.13163	.39207	.34818	2.1984	.25362
#1	1925.5	24326.	1691.3	30.336	2035.6
#2	1929.1	24459.	1687.5	31.518	2043.7
#3	1930.4	24274.	1699.1	31.525	2045.3

Sample Name: S2 Acquired: 7/24/2019 14:02:47 Type: Cal
Method: P4-ICP2(v3283) 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	.12785	.00188	.05722	.00958
Stddev	.00239	.00008	.00058	.00070
%RSD	1.8693	4.5096	1.0053	7.3346

#1	.12914	.00191	.05660	.00879
#2	.12509	.00179	.05774	.00983
#3	.12932	.00196	.05732	.01013

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	24486.	1707.3
Stddev	45.	8.1
%RSD	.18534	.47650

#1	24477.	1698.8
#2	24445.	1708.3
#3	24535.	1714.9

Sample Name: S3 Acquired: 7/24/2019 14:07:00 Type: Cal
Method: P4-ICP2(v3283) 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	.17970	.54581	.94652	.21960	.40784	.04224	1.7181	.15544
Stddev	.00040	.00031	.00267	.00120	.00056	.00030	.0052	.00054
%RSD	.22194	.05680	.28193	.54471	.13834	.69994	.30409	.35014

#1	.17929	.54603	.94886	.22091	.40840	.04212	1.7133	.15485
#2	.18008	.54546	.94709	.21933	.40784	.04257	1.7237	.15592
#3	.17974	.54595	.94362	.21856	.40727	.04202	1.7173	.15556

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	6.5269	.72218	.14863	1.7678	.61078	.34329	2.3456	.01115
Stddev	.0130	.00312	.00016	.0008	.00072	.00059	.0120	.00017
%RSD	.19844	.43159	.10478	.04273	.11771	.17141	.51150	1.5403

#1	6.5278	.72298	.14846	1.7678	.61070	.34312	2.3387	.01132
#2	6.5135	.72482	.14877	1.7686	.61153	.34395	2.3595	.01117
#3	6.5394	.71874	.14866	1.7671	.61010	.34281	2.3387	.01097

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0256	.18966	.31633	.34231	4.0135	.09319	1.9360	.00714
Stddev	.0032	.00034	.00090	.00108	.0088	.00109	.0042	.00015
%RSD	.31473	.17754	.28428	.31569	.21889	1.1703	.21773	2.0325

#1	1.0263	.19001	.31549	.34155	4.0131	.09293	1.9368	.00703
#2	1.0221	.18933	.31728	.34183	4.0049	.09438	1.9314	.00730
#3	1.0284	.18964	.31622	.34355	4.0224	.09224	1.9397	.00709

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	.12202	1.8301	.58204	.97328	6.0566	.2715	31.594	2519.1
Stddev	.00016	.0174	.00095	.00298	.0470	.0005	.242	31.7
%RSD	.13452	.95185	.16322	.30583	.77536	.1962	.76556	1.2596

#1	.12213	1.8286	.58111	.97173	6.0279	.2720	31.491	2508.5
#2	.12211	1.8135	.58200	.97672	6.0310	.2709	31.420	2554.8
#3	.12183	1.8482	.58301	.97141	6.1108	.2716	31.870	2494.1

Sample Name: S3 Acquired: 7/24/2019 14:07:00 Type: Cal
 Method: P4-ICP2(v3283) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-373.34
Stddev	3.74
%RSD	1.0015

#1	-370.59
#2	-371.83
#3	-377.60

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1916.2	24119.	1690.0	30.092	1948.0
Stddev	1.9	48.	12.0	.675	2.4
%RSD	.09876	.19712	.71078	2.2425	.12469

#1	1917.8	24108.	1688.4	29.315	1950.3
#2	1916.6	24078.	1702.8	30.440	1948.0
#3	1914.1	24171.	1678.9	30.523	1945.5

Sample Name: S4 Acquired: 7/24/2019 14:11:04 Type: Cal
Method: P4-ICP2(v3283) 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	.36737	1.1249	1.9404	.44594	.82802	.08454	3.5231	.31621
Stddev	.00017	.0008	.0027	.00166	.00252	.00041	.0291	.00026
%RSD	.04644	.07163	.13632	.37331	.30467	.49059	.82547	.08190
#1	.36736	1.1258	1.9403	.44785	.83083	.08410	3.4922	.31640
#2	.36721	1.1242	1.9432	.44522	.82596	.08459	3.5272	.31632
#3	.36755	1.1247	1.9379	.44476	.82727	.08493	3.5500	.31591
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	13.545	1.4678	.30157	3.6388	1.2080	.69174	4.7366	.02231
Stddev	.007	.0098	.00022	.0035	.0013	.00034	.0115	.00027
%RSD	.04923	.66539	.07134	.09655	.10899	.04901	.24227	1.2163
#1	13.549	1.4781	.30132	3.6348	1.2079	.69212	4.7433	.02209
#2	13.547	1.4587	.30169	3.6405	1.2093	.69161	4.7234	.02223
#3	13.537	1.4667	.30169	3.6412	1.2067	.69148	4.7432	.02262
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	2.1160	.38099	.64580	.69838	8.3348	.19898	3.9465	.01467
Stddev	.0040	.00107	.00394	.00021	.0034	.00142	.0059	.00010
%RSD	.18870	.28114	.60946	.03038	.04039	.71382	.14938	.66851
#1	2.1196	.38111	.64176	.69859	8.3311	.19781	3.9531	.01455
#2	2.1166	.37987	.64601	.69817	8.3357	.19857	3.9448	.01471
#3	2.1117	.38200	.64962	.69839	8.3377	.20056	3.9417	.01474
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	.25531	3.7146	1.2071	1.9832	12.258	.5728	64.348	2432.3
Stddev	.00099	.0214	.0015	.0105	.031	.0014	.077	16.3
%RSD	.38887	.57697	.12681	.53075	.25612	.2419	.11902	.67178
#1	.25535	3.7392	1.2056	1.9926	12.293	.5712	64.295	2445.8
#2	.25429	3.6997	1.2069	1.9718	12.245	.5737	64.313	2414.2
#3	.25628	3.7050	1.2087	1.9851	12.234	.5734	64.436	2437.0

Sample Name: S4 Acquired: 7/24/2019 14:11:04 Type: Cal
 Method: P4-ICP2(v3283) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-369.00
Stddev	6.76
%RSD	1.8326

#1	-364.71
#2	-376.80
#3	-365.50

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.9	23653.	1658.5	28.871	1859.1
Stddev	5.5	35.	11.9	1.161	3.5
%RSD	.29076	.14675	.71799	4.0228	.18717

#1	1870.7	23676.	1644.9	28.330	1857.9
#2	1873.0	23669.	1663.4	28.080	1856.4
#3	1881.1	23613.	1667.1	30.205	1863.0

Sample Name: S5 Acquired: 7/24/2019 14:15:04 Type: Cal
Method: P4-ICP2(v3283) 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	.75228	2.3241	4.0223	.90195	1.6780	.17194	7.2556	.63752
Stddev	.00122	.0077	.0113	.00215	.0009	.00133	.0748	.00193
%RSD	.16258	.33313	.28050	.23811	.05496	.77301	1.0315	.30281
#1	.75150	2.3152	4.0101	.90055	1.6775	.17040	7.1692	.63797
#2	.75165	2.3277	4.0323	.90442	1.6790	.17263	7.3000	.63919
#3	.75369	2.3294	4.0245	.90087	1.6774	.17278	7.2977	.63540
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	28.190	2.9413	.60304	7.5923	2.4015	1.3803	9.3904	.04571
Stddev	.085	.0239	.00086	.0148	.0037	.0018	.0358	.00040
%RSD	.30112	.81260	.14336	.19516	.15413	.12689	.38163	.88259
#1	28.102	2.9241	.60224	7.5766	2.4013	1.3785	9.3496	.04530
#2	28.271	2.9313	.60294	7.6060	2.4053	1.3820	9.4166	.04611
#3	28.198	2.9686	.60396	7.5943	2.3979	1.3803	9.4051	.04572
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	4.4053	.76572	1.3292	1.4121	17.378	.41709	8.0191	.03000
Stddev	.0094	.00064	.0108	.0010	.036	.00241	.0079	.00019
%RSD	.21302	.08342	.81067	.07120	.20673	.57817	.09798	.63108
#1	4.3946	.76513	1.3169	1.4109	17.349	.41441	8.0259	.02987
#2	4.4121	.76640	1.3345	1.4127	17.418	.41778	8.0210	.02991
#3	4.4092	.76562	1.3364	1.4126	17.368	.41908	8.0105	.03021
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	.54299	7.3210	2.5122	4.0236	24.644	1.220	129.74	2293.6
Stddev	.00185	.0452	.0081	.0367	.215	.005	1.34	3.4
%RSD	.34073	.61728	.32373	.91179	.87065	.4020	1.0330	.14926
#1	.54096	7.2746	2.5032	3.9831	24.404	1.215	128.22	2296.4
#2	.54343	7.3234	2.5190	4.0329	24.708	1.225	130.23	2289.8
#3	.54457	7.3649	2.5143	4.0547	24.819	1.221	130.76	2294.7

Sample Name: S5 Acquired: 7/24/2019 14:15:04 Type: Cal
Method: P4-ICP2(v3283) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-382.79
Stddev	12.52
%RSD	3.2694

#1	-369.68
#2	-384.07
#3	-394.61

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1833.4	23273.	1657.0	27.252	1753.3
Stddev	8.5	84.	5.9	.637	8.1
%RSD	.46282	.36100	.35755	2.3368	.46397

#1	1830.2	23365.	1663.5	27.695	1755.6
#2	1827.0	23202.	1655.7	27.538	1744.2
#3	1843.0	23251.	1651.9	26.522	1760.0

Sample Name: ICV01 Acquired: 7/24/2019 14:19:01 Type: Unk
Method: P4-ICP2(v3283) 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	.99781	1.0117	.98645	1.0112	1.0383	2.5333	.49833	.49417
Stddev	.00224	.0113	.00279	.0066	.0046	.0019	.00193	.00103
%RSD	.22458	1.1171	.28279	.64945	.44105	.07438	.38680	.20889
#1	.99679	.99874	.98323	1.0045	1.0357	2.5319	.49613	.49304
#2	.99626	1.0166	.98825	1.0114	1.0356	2.5325	.49918	.49440
#3	1.0004	1.0196	.98786	1.0176	1.0436	2.5354	.49969	.49507
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48398	10.136	.50925	.49467	.50922	5.1897	.51671	5.9737
Stddev	.00389	.052	.00110	.00336	.00294	.0120	.00261	.0980
%RSD	.80305	.51242	.21621	.67833	.57668	.23125	.50600	1.6399
#1	.48013	10.174	.50840	.49149	.50610	5.1767	.51375	6.0691
#2	.48390	10.077	.50886	.49433	.50962	5.2004	.51765	5.9788
#3	.48790	10.158	.51050	.49818	.51193	5.1921	.51872	5.8733
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49994	.49568	9.8965	.49455	.97879	9.6601	2.5077	2.4578
Stddev	.00339	.00061	.0256	.00227	.00606	.0970	.0141	.0097
%RSD	.67799	.12336	.25833	.45998	.61865	1.0041	.56306	.39322
#1	.49687	.49499	9.8671	.49328	.97353	9.5597	2.4953	2.4467
#2	.49938	.49586	9.9096	.49718	.97745	9.6671	2.5048	2.4645
#3	.50358	.49617	9.9129	.49320	.98541	9.7533	2.5230	2.4622
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .07608	2.4338	2.4040	2.4737	F .07546	F .0747	F .08585	F .51372
Stddev	.00361	.0059	.0164	.0117	.00268	.0028	.00047	.26994
%RSD	4.7501	.24098	.68023	.47347	3.5522	3.792	.54776	52.547
#1	.07651	2.4405	2.3886	2.4774	.07339	.0721	.08543	.68094
#2	.07227	2.4299	2.4023	2.4605	.07451	.0777	.08635	.65792
#3	.07946	2.4309	2.4212	2.4831	.07849	.0743	.08576	.20230

Sample Name: ICV01 Acquired: 7/24/2019 14:19:01 Type: Unk
 Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 5.9990
 Stddev 5.7805
 %RSD 96.358

#1 -.58268
 #2 8.3278
 #3 10.252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1912.4	24199.	1695.9	29.734	1974.6
Stddev	1.4	88.	2.5	.170	3.4
%RSD	.07089	.36178	.14690	.57255	.17110

#1	1913.6	24300.	1693.1	29.893	1977.9
#2	1912.7	24150.	1698.0	29.555	1974.8
#3	1911.0	24147.	1696.5	29.755	1971.1

Sample Name: LLICV01 Acquired: 7/24/2019 14:32:39 Type: Unk
Method: P4-ICP2(v3283) 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	.02149	.03910	.01047	.02081	.04968	.11597	.10360	.00647
Stddev	.00190	.00115	.00074	.00407	.00048	.01181	.00158	.00016
%RSD	8.8387	2.9350	7.0279	19.578	.96215	10.184	1.5253	2.4388
#1	.01994	.03900	.01036	.02071	.04914	.12959	.10201	.00635
#2	.02361	.03800	.00980	.01679	.04986	.10978	.10517	.00665
#3	.02091	.04029	.01125	.02494	.05004	.10855	.10364	.00642
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00593	2.0901	.01079	.02909	.01942	.10994	.02293	2.1106
Stddev	.00014	.0372	.00034	.00016	.00023	.00112	.00020	.0500
%RSD	2.2913	1.7781	3.1583	.53512	1.1783	1.0166	.85143	2.3700
#1	.00580	2.1329	.01093	.02922	.01916	.10915	.02292	2.1214
#2	.00607	2.0669	.01105	.02892	.01951	.10946	.02274	2.0561
#3	.00592	2.0704	.01041	.02914	.01959	.11122	.02313	2.1544
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04061	.01105	1.9861	.04039	.03953	1.9252	.20927	.11321
Stddev	.00061	.00056	.0136	.00054	.00008	.0564	.00108	.03404
%RSD	1.5104	5.1088	.68638	1.3277	.19362	2.9319	.51761	30.071
#1	.04124	.01083	1.9946	.04060	.03948	1.9862	.20871	.13222
#2	.04002	.01169	1.9933	.03978	.03949	1.8749	.21052	.13349
#3	.04057	.01063	1.9704	.04079	.03962	1.9144	.20859	.07390
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02197	.39867	.03823	.03817	.01610	.0190	.02137	F .73915
Stddev	.00563	.00491	.00111	.00108	.00219	.0004	.00006	.34421
%RSD	25.611	1.2308	2.8960	2.8341	13.587	2.211	.28028	46.569
#1	.02446	.40049	.03706	.03778	.01627	.0195	.02141	.78719
#2	.02592	.39311	.03839	.03733	.01383	.0187	.02130	1.0568
#3	.01553	.40240	.03926	.03939	.01819	.0190	.02140	.37345

Sample Name: LLICV01 Acquired: 7/24/2019 14:32:39 Type: Unk
Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .65226
Stddev 2.1172
%RSD 324.59

#1 -1.0280
#2 -.04545
#3 3.0302

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1944.3	24601.	1710.5	30.096	2050.6
Stddev	8.6	14.	19.5	1.272	4.1
%RSD	.44072	.05859	1.1373	4.2256	.20118

#1	1943.2	24616.	1697.1	31.114	2048.2
#2	1936.4	24587.	1732.8	28.670	2048.2
#3	1953.4	24600.	1701.5	30.505	2055.3

Sample Name: ICB01 Acquired: 7/24/2019 14:37:19 Type: Unk
Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00188	-.00103	-.00065	.00187	-.00077	-.01394	-.00046
Stddev	.00186	.00077	.00015	.00279	.00135	.01094	.00043
%RSD	98.545	74.297	22.351	149.05	176.86	78.464	93.194

#1	.00220	-.00191	-.00081	.00436	-.00003	-.02640	-.00084
#2	-.00011	-.00046	-.00052	-.00115	.00006	-.00947	.00000
#3	.00356	-.00073	-.00064	.00240	-.00233	-.00595	-.00054

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00010	-.01464	.00005	-.00004	.00067	-.00002
Stddev	.00002	.00006	.00648	.00045	.00017	.00038	.00018
%RSD	50.730	57.705	44.224	893.24	487.84	57.652	1175.8

#1	-.00004	-.00017	-.00936	.00058	.00013	.00094	-.00009
#2	-.00008	-.00009	-.02187	-.00022	-.00022	.00023	-.00014
#3	-.00003	-.00005	-.01270	-.00021	-.00002	.00082	.00019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.01643	-.00034	-.00012	-.08515	-.00033	-.00046
Stddev	.00009	.04405	.00047	.00032	.01615	.00017	.00012
%RSD	221.05	268.07	139.13	259.34	18.961	51.027	25.201

#1	-.00000	-.02693	.00000	-.00028	-.06655	-.00050	-.00034
#2	.00015	.03192	-.00088	-.00033	-.09339	-.00016	-.00056
#3	-.00002	-.05428	-.00014	.00024	-.09552	-.00034	-.00048

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07502	.00033	.02180	-.00511	.00509	.00014	-.00645
Stddev	.07106	.00027	.01208	.00327	.00101	.00069	.00109
%RSD	94.728	80.910	55.423	63.980	19.911	505.28	16.952

#1	.00526	.00031	.01115	-.00319	.00558	.00013	-.00768
#2	-.12986	.00061	.03493	-.00325	.00393	-.00055	-.00558
#3	-.10044	.00007	.01932	-.00888	.00577	.00083	-.00609

Sample Name: ICB01 Acquired: 7/24/2019 14:37:19 Type: Unk
 Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00517	.0001	.00003	F .29132	F<.00000
Stddev	.00282	.0005	.00013	.43683	5.4237
%RSD	54.536	679.4	389.39	149.95	480.99
#1	-.00297	-.0003	.00011	.31802	-3.7279
#2	-.00834	-.0001	.00010	.71418	5.1066
#3	-.00419	.0007	-.00012	-.15825	-4.7615
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1945.8	24686.	1716.7	29.767	2041.0
Stddev	1.1	98.	30.9	1.357	2.5
%RSD	.05581	.39686	1.7975	4.5570	.12325
#1	1946.0	24795.	1691.6	28.634	2040.0
#2	1946.8	24658.	1707.5	29.398	2043.9
#3	1944.6	24605.	1751.2	31.270	2039.1

Sample Name: CRI01 Acquired: 7/24/2019 14:41:47 Type: Unk
Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02115	.03943	.01162	.01950	.04882	.11996	.10727
Stddev	.00068	.00125	.00148	.00322	.00064	.01283	.00107
%RSD	3.2286	3.1783	12.717	16.521	1.3093	10.699	.99739

#1	.02194	.03838	.01313	.01579	.04817	.11338	.10614
#2	.02080	.03909	.01157	.02124	.04885	.13475	.10741
#3	.02072	.04082	.01018	.02149	.04945	.11174	.10827

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00673	.00608	2.1669	.01179	.02968	.02090	.11334
Stddev	.00011	.00007	.0072	.00028	.00012	.00024	.00232
%RSD	1.5689	1.1748	.33236	2.3908	.41720	1.1655	2.0495

#1	.00665	.00600	2.1586	.01146	.02978	.02081	.11602
#2	.00685	.00611	2.1713	.01199	.02954	.02118	.11211
#3	.00670	.00614	2.1708	.01191	.02971	.02071	.11189

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02359	2.1809	.04079	.01096	2.0335	.04246	.04026
Stddev	.00046	.0277	.00027	.00018	.0091	.00075	.00013
%RSD	1.9506	1.2697	.67083	1.6463	.44542	1.7757	.33347

#1	.02388	2.1546	.04105	.01113	2.0388	.04310	.04027
#2	.02384	2.1783	.04050	.01100	2.0387	.04266	.04013
#3	.02306	2.2098	.04083	.01077	2.0231	.04163	.04040

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9440	.21437	.10448	.01671	.40524	.03904	.03833
Stddev	.0991	.00046	.00912	.00571	.00793	.00050	.00199
%RSD	5.0992	.21424	8.7283	34.154	1.9559	1.2825	5.1867

#1	2.0474	.21466	.11501	.01019	.41394	.03889	.03703
#2	1.8498	.21384	.09900	.02079	.40338	.03862	.04062
#3	1.9348	.21462	.09943	.01916	.39842	.03959	.03734

Sample Name: CRI01 Acquired: 7/24/2019 14:41:47 Type: Unk
 Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01871	.0205	.02208	F .86836	F<.00000
Stddev	.00149	.0029	.00034	.82763	3.4298
%RSD	7.9826	14.31	1.5256	95.310	124.28
#1	.01786	.0185	.02197	.26473	-1.3550
#2	.01784	.0238	.02246	.52854	-.25519
#3	.02044	.0190	.02181	1.8118	-6.6689
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1889.6	24062.	1680.6	30.183	1996.6
Stddev	2.5	156.	15.9	.411	5.6
%RSD	.13450	.64941	.94316	1.3618	.28294
#1	1886.7	23959.	1665.9	30.391	1990.2
#2	1891.5	23985.	1678.5	29.709	1998.9
#3	1890.6	24242.	1697.4	30.448	2000.7

Sample Name: ICSA01 Acquired: 7/24/2019 14:46:15 Type: Unk
Method: P4-ICP2(v3283) 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	-.01344	.00706	-.00221	.01940	.00353	274.29	.00631	.00134
Stddev	.00474	.00283	.00110	.00545	.00053	1.13	.00041	.00014
%RSD	35.265	40.092	49.669	28.089	15.114	.41157	6.5455	10.737

#1	-.01510	.00744	-.00099	.02195	.00412	275.23	.00600	.00142
#2	-.01713	.00406	-.00311	.01314	.00308	273.04	.00616	.00144
#3	-.00809	.00968	-.00255	.02310	.00340	274.60	.00678	.00118

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00189	255.62	.05370	-.00054	-.01392	99.775	.01566	274.58
Stddev	.00006	.25	.00058	.00030	.00117	.356	.00012	1.95
%RSD	3.2800	.09878	1.0823	55.027	8.4049	.35704	.79587	.71085

#1	-.00191	255.35	.05431	-.00069	-.01457	100.03	.01567	273.54
#2	-.00182	255.84	.05315	-.00074	-.01257	99.367	.01553	273.36
#3	-.00193	255.69	.05365	-.00020	-.01463	99.933	.01578	276.83

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00707	-.00439	-.00150	.00120	-.01322	-.07214	.00007	.03646
Stddev	.00026	.00021	.00698	.00060	.00008	.02680	.00078	.02189
%RSD	3.6776	4.8507	465.84	50.166	.63347	37.144	1161.9	60.047

#1	-.00678	-.00462	.00165	.00185	-.01316	-.04227	-.00061	.02920
#2	-.00727	-.00420	-.00949	.00109	-.01318	-.09405	.00092	.06106
#3	-.00716	-.00434	.00335	.00066	-.01331	-.08011	-.00011	.01912

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00592	-.00041	.01075	-.00713	.00176	.0028	-.00086	5.1696
Stddev	.00232	.00434	.00119	.00153	.00170	.0016	.00113	.2948
%RSD	39.181	1065.6	11.113	21.495	96.071	55.71	131.85	5.7023

#1	.00859	-.00461	.00945	-.00668	-.00018	.0010	-.00184	5.3328
#2	.00471	.00406	.01180	-.00883	.00292	.0036	.00038	5.3467
#3	.00445	-.00067	.01100	-.00587	.00255	.0039	-.00112	4.8293

Sample Name: ICSA01 Acquired: 7/24/2019 14:46:15 Type: Unk
 Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 48.659
 Stddev 10.654
 %RSD 21.895

#1 49.984
 #2 37.404
 #3 58.588

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1777.6	22172.	1615.2	26.446	1688.9
Stddev	4.8	165.	8.6	.142	3.5
%RSD	.27123	.74572	.53511	.53867	.21000

#1	1773.1	22008.	1605.6	26.471	1685.1
#2	1782.6	22339.	1617.9	26.574	1692.2
#3	1777.1	22168.	1622.2	26.293	1689.3

Sample Name: ICSAB01 Acquired: 7/24/2019 14:50:54 Type: Unk
Method: P4-ICP2(v3283) 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	.09622	.12071	.05253	.07173	.65851	264.50	.56760	.57307
Stddev	.00658	.00221	.00291	.00237	.00181	1.37	.00456	.00094
%RSD	6.8421	1.8273	5.5338	3.3104	.27451	.51716	.80295	.16401

#1	.08962	.11965	.05089	.07175	.65666	262.93	.56373	.57383
#2	.10278	.12324	.05589	.06934	.66027	265.41	.57262	.57202
#3	.09626	.11923	.05082	.07409	.65861	265.16	.56644	.57335

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0576	248.03	.59342	.53012	.49333	96.755	.55003	266.24
Stddev	.0056	2.07	.00076	.00088	.00057	.441	.00227	1.28
%RSD	.53319	.83619	.12837	.16683	.11622	.45609	.41187	.47959

#1	1.0514	245.99	.59324	.52932	.49276	96.426	.54870	264.80
#2	1.0589	247.97	.59425	.52999	.49332	96.583	.54874	266.66
#3	1.0625	250.13	.59276	.53107	.49391	97.257	.55264	267.25

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0412	.22212	.00202	.54463	1.1039	-.08402	1.1059	1.1403
Stddev	.0026	.00138	.01223	.00248	.0038	.08526	.0013	.0238
%RSD	.25047	.62063	604.10	.45555	.34179	101.49	.11451	2.0857

#1	1.0383	.22169	.01557	.54430	1.0998	-.01290	1.1045	1.1203
#2	1.0419	.22367	-.00130	.54725	1.1049	-.06061	1.1069	1.1339
#3	1.0434	.22101	-.00820	.54232	1.1072	-.17854	1.1062	1.1666

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1449	1.0198	1.1507	1.1003	F .37137	F .3551	F .36339	5.0483
Stddev	.0091	.0067	.0019	.0066	.00164	.0016	.00373	.2761
%RSD	.79280	.65555	.16484	.59788	.44118	.4521	1.0257	5.4685

#1	1.1379	1.0196	1.1529	1.0934	.37244	.3551	.35955	5.0098
#2	1.1551	1.0132	1.1494	1.1010	.36948	.3535	.36360	5.3416
#3	1.1415	1.0265	1.1498	1.1064	.37219	.3567	.36700	4.7935

Sample Name: ICSAB01 Acquired: 7/24/2019 14:50:54 Type: Unk
 Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	49.510
Stddev	6.703
%RSD	13.538

#1	42.835
#2	56.240
#3	49.455

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1805.6	22565.	1648.6	26.175	1710.3
Stddev	5.9	16.	6.2	1.288	6.7
%RSD	.32716	.07068	.37681	4.9218	.39331

#1	1812.2	22578.	1649.8	27.563	1718.0
#2	1803.7	22570.	1654.1	25.018	1707.5
#3	1800.9	22547.	1641.9	25.944	1705.4

Sample Name: CCV01 Acquired: 7/24/2019 14:55:21 Type: Unk
Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9999	4.9788	5.0105	5.0103	5.1078	9.9609	10.024
Stddev	.0167	.0058	.0097	.0128	.0049	.1232	.040
%RSD	.33476	.11577	.19381	.25550	.09550	1.2364	.39582

#1	4.9819	4.9776	4.9993	5.0237	5.1080	9.8481	9.9828
#2	5.0151	4.9851	5.0151	5.0089	5.1029	9.9421	10.062
#3	5.0026	4.9738	5.0171	4.9983	5.1126	10.092	10.028

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25456	2.4992	25.299	1.0140	2.4946	1.2447	5.0784
Stddev	.00094	.0004	.181	.0018	.0021	.0028	.0061
%RSD	.37029	.01539	.71484	.18180	.08358	.22175	.11926

#1	.25415	2.4993	25.091	1.0156	2.4958	1.2477	5.0801
#2	.25564	2.4988	25.382	1.0144	2.4958	1.2444	5.0717
#3	.25390	2.4995	25.423	1.0120	2.4922	1.2422	5.0834

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5380	25.226	2.4924	1.2633	24.896	2.5178	2.5032
Stddev	.0033	.180	.0043	.0002	.135	.0019	.0025
%RSD	.12844	.71368	.17299	.01840	.54399	.07348	.09969

#1	2.5354	25.248	2.4948	1.2632	24.741	2.5157	2.5004
#2	2.5416	25.036	2.4949	1.2633	24.989	2.5184	2.5053
#3	2.5368	25.395	2.4874	1.2636	24.959	2.5192	2.5039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.748	5.0439	4.9874	4.9198	5.0869	5.0001	5.0606
Stddev	.115	.0047	.0271	.0077	.0196	.0017	.0196
%RSD	.46585	.09396	.54395	.15738	.38460	.03450	.38723

#1	24.618	5.0478	4.9591	4.9269	5.0783	5.0015	5.0419
#2	24.788	5.0453	4.9899	4.9211	5.1093	4.9982	5.0809
#3	24.838	5.0386	5.0132	4.9115	5.0731	5.0005	5.0590

Sample Name: CCV01 Acquired: 7/24/2019 14:55:21 Type: Unk
 Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	5.0339	4.940	5.0579	F 3.2687	F<.00000
Stddev	.0212	.003	.0306	.1196	2.9749
%RSD	.42092	.0594	.60511	3.6581	330.59
#1	5.0259	4.938	5.0418	3.3596	-4.0591
#2	5.0579	4.939	5.0932	3.3131	-.48825
#3	5.0178	4.943	5.0387	3.1332	1.8478
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1860.6	23482.	1648.9	27.428	1840.5
Stddev	4.9	113.	13.8	.893	3.6
%RSD	.26383	.48324	.83562	3.2554	.19697
#1	1858.1	23433.	1640.5	26.520	1838.8
#2	1857.5	23402.	1641.3	27.460	1838.0
#3	1866.3	23612.	1664.8	28.305	1844.6

Sample Name: LLCCV01 Acquired: 7/24/2019 15:00:13 Type: Unk
Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01987	.03867	.01176	.02215	.04895	.11709	.10402
Stddev	.00170	.00084	.00053	.00157	.00095	.01486	.00129
%RSD	8.5492	2.1719	4.5133	7.0743	1.9329	12.692	1.2446

#1	.01871	.03789	.01174	.02055	.04805	.12372	.10300
#2	.02182	.03955	.01123	.02222	.04994	.12748	.10547
#3	.01909	.03856	.01230	.02368	.04885	.10006	.10357

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00655	.00601	2.0819	.01120	.02951	.01965	.11258
Stddev	.00022	.00005	.0178	.00028	.00040	.00056	.00107
%RSD	3.3783	.75225	.85574	2.4701	1.3580	2.8415	.95336

#1	.00638	.00602	2.0618	.01148	.02924	.01993	.11240
#2	.00647	.00604	2.0884	.01093	.02997	.01901	.11160
#3	.00680	.00596	2.0956	.01119	.02932	.02001	.11373

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02299	2.1268	.04088	.01146	1.9836	.04135	.03990
Stddev	.00007	.0146	.00030	.00044	.0161	.00040	.00022
%RSD	.30741	.68773	.72851	3.8532	.81268	.96571	.55197

#1	.02291	2.1225	.04071	.01188	1.9722	.04146	.04000
#2	.02303	2.1149	.04070	.01150	2.0021	.04168	.03965
#3	.02304	2.1432	.04122	.01100	1.9766	.04091	.04006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9110	.21066	F .13457	.01861	.40503	.03912	.03669
Stddev	.0523	.00068	.01178	.00404	.00276	.00207	.00141
%RSD	2.7362	.32201	8.7509	21.711	.68226	5.2859	3.8320

#1	1.8898	.20993	.12099	.01564	.40764	.04150	.03581
#2	1.9706	.21076	.14207	.02321	.40532	.03807	.03594
#3	1.8727	.21128	.14063	.01697	.40214	.03779	.03831

Sample Name: LLCCV01 Acquired: 7/24/2019 15:00:13 Type: Unk
 Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01785	.0198	.02144	F .00134	F<.00000
Stddev	.00274	.0014	.00019	.78781	3.2308
%RSD	15.329	6.916	.89294	58635.	49.790
#1	.01596	.0213	.02134	-.25365	-3.0482
#2	.02099	.0195	.02166	.88507	-6.9604
#3	.01661	.0186	.02131	-.62739	-9.4579
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1946.7	24723.	1701.4	30.592	2054.4
Stddev	4.6	71.	13.7	.172	8.3
%RSD	.23508	.28816	.80372	.56356	.40576
#1	1946.1	24735.	1685.8	30.789	2050.9
#2	1951.6	24647.	1710.9	30.468	2063.9
#3	1942.5	24788.	1707.7	30.518	2048.3

Sample Name: CCB01 Acquired: 7/24/2019 15:04:41 Type: Unk
Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	-.00138	-.00120	.00144	.00005	-.02103	-.00047
Stddev	.00181	.00060	.00135	.00096	.00108	.01722	.00087
%RSD	640.10	43.463	112.55	66.388	2281.7	81.887	185.91

#1	-.00109	-.00200	-.00131	.00231	.00080	-.02231	.00029
#2	.00179	-.00136	-.00250	.00041	-.00119	-.00320	-.00027
#3	-.00154	-.00079	.00020	.00160	.00052	-.03757	-.00142

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00002	-.03142	-.00046	-.00013	.00095	.00018
Stddev	.00014	.00011	.02070	.00040	.00013	.00027	.00087
%RSD	265.81	700.27	65.878	87.137	96.279	28.579	478.36

#1	.00009	.00001	-.02252	-.00000	-.00027	.00124	.00092
#2	-.00019	-.00009	-.01666	-.00064	-.00001	.00090	-.00077
#3	-.00007	.00013	-.05507	-.00075	-.00012	.00070	.00039

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00371	-.00117	-.00036	-.07097	-.00070	-.00049
Stddev	.00007	.08651	.00023	.00033	.01313	.00003	.00006
%RSD	174.80	2333.9	19.655	91.800	18.500	4.6215	13.175

#1	.00005	.08059	-.00094	.00002	-.07712	-.00072	-.00051
#2	-.00003	-.08996	-.00115	-.00051	-.05589	-.00072	-.00054
#3	.00010	.02048	-.00140	-.00060	-.07988	-.00066	-.00041

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07299	.00035	.00612	-.00982	.00426	.00001	-.00318
Stddev	.07951	.00017	.02278	.00702	.00297	.00063	.00386
%RSD	108.93	49.000	371.91	71.487	69.582	5043.5	121.39

#1	-.05406	.00050	-.02012	-.00690	.00142	-.00072	-.00542
#2	-.00466	.00016	.02078	-.00472	.00734	.00034	.00128
#3	-.16025	.00037	.01771	-.01782	.00403	.00041	-.00541

Sample Name: CCB01 Acquired: 7/24/2019 15:04:41 Type: Unk
 Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00451	.0005	-.00007	F 1.0242	F<.00000
Stddev	.00178	.0004	.00006	.3651	5.7806
%RSD	39.517	74.65	88.743	35.649	256.51
#1	-.00251	.0008	-.00008	.93039	-4.3210
#2	-.00594	.0001	-.00000	1.4271	4.2765
#3	-.00507	.0005	-.00012	.71516	-6.7161
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1920.3	24099.	1664.3	30.133	2009.0
Stddev	5.9	95.	13.1	.637	5.5
%RSD	.30979	.39291	.78680	2.1125	.27402
#1	1918.7	23995.	1649.7	29.441	2004.9
#2	1915.2	24179.	1668.2	30.266	2007.0
#3	1926.8	24124.	1675.0	30.693	2015.3

Sample Name: LR CHECK 1 Acquired: 7/24/2019 15:08:41 Type: Unk
Method: P4-ICP2(v3283) 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	-.16204	.03669	.45095	-.04295	.05419	1886.6	.20468	.02386
Stddev	.00351	.00342	.00234	.00583	.00475	3.5	.00120	.00038
%RSD	2.1682	9.3299	.51845	13.569	8.7564	.18298	.58821	1.5964

#1	-.16609	.03831	.45015	-.03628	.05933	1889.0	.20604	.02408
#2	-.16023	.03276	.44912	-.04551	.05327	1882.7	.20375	.02342
#3	-.15981	.03900	.45358	-.04705	.04998	1888.3	.20425	.02408

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11581	1662.7	-.06329	.09252	1.8434	942.61	.07590	1958.4
Stddev	.00146	18.9	.00110	.00086	.0072	5.81	.00044	4.6
%RSD	1.2627	1.1380	1.7335	.92939	.39282	.61688	.57534	.23484

#1	.11413	1680.4	-.06456	.09153	1.8370	949.09	.07638	1962.4
#2	.11682	1664.9	-.06257	.09309	1.8418	937.85	.07579	1953.4
#3	.11647	1642.7	-.06275	.09295	1.8513	940.88	.07553	1959.5

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15492	-.22241	1621.3	.00823	.12830	941.65	-.01066	-1.0218
Stddev	.00127	.00377	5.6	.00081	.00317	3.77	.00116	.0438
%RSD	.82085	1.6956	.34833	9.8398	2.4704	.39996	10.923	4.2840

#1	.15584	-.21869	1617.0	.00887	.12467	945.60	-.01007	-.97217
#2	.15545	-.22623	1627.7	.00732	.12974	938.10	-.01200	-1.0549
#3	.15347	-.22233	1619.1	.00849	.13050	941.25	-.00991	-1.0383

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31703	-.00494	.08595	-.05660	.04086	.0569	-1.0220	<.00000
Stddev	.00911	.00787	.00304	.00579	.00487	.0040	.0064	.43879
%RSD	2.8726	159.22	3.5376	10.223	11.924	7.056	.62879	4.9585

#1	.32753	-.01071	.08419	-.06229	.03554	.0523	-1.0292	-8.7535
#2	.31135	.00402	.08419	-.05678	.04195	.0597	-1.0167	-9.3281
#3	.31220	-.00813	.08946	-.05072	.04510	.0587	-1.0202	-8.4663

Sample Name: LR CHECK 1 Acquired: 7/24/2019 15:08:41 Type: Unk
Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1504.4
Stddev 11.7
%RSD .77455

#1 1496.2
#2 1517.7
#3 1499.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1514.0	18169.	1498.7	22.864	1070.3
Stddev	7.3	65.	22.5	.507	4.6
%RSD	.48451	.35861	1.5008	2.2170	.43239

#1	1521.5	18094.	1480.1	23.259	1075.6
#2	1513.8	18201.	1492.3	22.292	1067.1
#3	1506.8	18211.	1523.7	23.040	1068.3

Sample Name: LR CHECK 2 Acquired: 7/24/2019 15:13:21 Type: Unk
Method: P4-ICP2(v3283) 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	-.00415	-.01348	252.18	.02078	-.04570	.02407	95.068	-.00152
Stddev	.00093	.00179	.44	.00065	.00402	.00288	1.098	.00008
%RSD	22.298	13.283	.17607	3.1454	8.7949	11.987	1.1550	5.2171

#1	-.00418	-.01547	252.68	.02029	-.04198	.02731	94.198	-.00143
#2	-.00321	-.01200	251.82	.02053	-.04996	.02178	94.705	-.00158
#3	-.00506	-.01297	252.06	.02152	-.04516	.02311	96.302	-.00156

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00750	.55756	-.10937	-.00355	260.50	-.67206	42.616	.01494
Stddev	.00013	.03411	.00063	.00034	1.59	.00246	.109	.01092
%RSD	1.7010	6.1186	.57892	9.5226	.60965	.36581	.25603	73.094

#1	-.00764	.59058	-.10958	-.00373	261.85	-.67185	42.664	.00803
#2	-.00738	.55963	-.10866	-.00316	258.75	-.66970	42.491	.02752
#3	-.00747	.52245	-.10987	-.00376	260.90	-.67461	42.693	.00925

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.800	.00719	1.4248	-.10476	35.436	1.0323	-.00702	.01004
Stddev	.132	.00005	.1257	.00179	.063	.1725	.00043	.01061
%RSD	.24961	.73484	8.8245	1.7047	.17793	16.715	6.0961	105.73

#1	52.952	.00717	1.5594	-.10493	35.447	1.2255	-.00728	.00435
#2	52.729	.00716	1.4045	-.10290	35.368	.97782	-.00653	.02228
#3	52.720	.00725	1.3104	-.10646	35.492	.89351	-.00727	.00348

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06414	-.00038	.00392	.01833	.00247	.0601	.00105	2.9958
Stddev	.00355	.00290	.00115	.00463	.00075	.0009	.00005	.4873
%RSD	5.5404	763.14	29.296	25.249	30.532	1.551	4.5226	16.267

#1	.06009	.00259	.00523	.01398	.00332	.0594	.00107	3.1234
#2	.06675	-.00319	.00341	.02319	.00223	.0599	.00100	3.4066
#3	.06557	-.00054	.00311	.01784	.00187	.0612	.00109	2.4574

Sample Name: LR CHECK 2 Acquired: 7/24/2019 15:13:21 Type: Unk
Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.5693
Stddev 1.2617
%RSD 80.398

#1 .21924
#2 2.7185
#3 1.7701

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1697.1	25081.	1650.2	29.004	1869.3
Stddev	5.4	109.	23.6	.510	7.7
%RSD	.32097	.43498	1.4287	1.7583	.41273

#1	1690.8	25060.	1624.8	29.495	1864.2
#2	1700.6	25198.	1654.5	29.039	1878.2
#3	1700.0	24983.	1671.4	28.477	1865.5

Sample Name: PB121677BS Acquired: 7/24/2019 15:21:25 Type: Unk
Method: P4-ICP2(v3283) 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	.73550	1.8617	.97548	1.8175	.81115	1.9142	.19707	.19210
Stddev	.00259	.0076	.00366	.0026	.00427	.0126	.00194	.00091
%RSD	.35260	.40742	.37484	.14515	.52647	.65596	.98481	.47439
#1	.73457	1.8592	.97302	1.8166	.80719	1.9025	.19624	.19121
#2	.73351	1.8702	.97968	1.8154	.81568	1.9125	.19568	.19303
#3	.73843	1.8556	.97374	1.8205	.81059	1.9275	.19928	.19208
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18571	1.0289	.40916	.19556	.31658	3.0969	.20646	1.9560
Stddev	.00036	.0312	.00063	.00075	.00094	.0063	.00089	.0504
%RSD	.19612	3.0307	.15430	.38102	.29570	.20502	.43094	2.5784
#1	.18529	.99825	.40887	.19470	.31570	3.0903	.20543	1.9047
#2	.18593	1.0279	.40872	.19602	.31757	3.1030	.20700	2.0055
#3	.18591	1.0606	.40988	.19596	.31648	3.0976	.20694	1.9578
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48784	.07127	F 3.5229	.30246	.19431	9.8695	.38725	.30112
Stddev	.00179	.00018	.0384	.00112	.00052	.0668	.00163	.01620
%RSD	.36782	.25297	1.0899	.37012	.26889	.67652	.41965	5.3788
#1	.48598	.07106	3.4803	.30368	.19488	9.8025	.38540	.28480
#2	.48956	.07137	3.5336	.30149	.19422	9.8699	.38846	.31720
#3	.48797	.07138	3.5548	.30221	.19384	9.9361	.38788	.30137
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3.0254	.89345	.66565	.19601	.21618	F 5.326	.20262	F 1.0008
Stddev	.0090	.00111	.00349	.00167	.00168	.012	.00159	.0857
%RSD	.29888	.12393	.52434	.85368	.77790	.2312	.78684	8.5638
#1	3.0151	.89419	.66186	.19472	.21746	5.321	.20100	1.0996
#2	3.0293	.89398	.66873	.19542	.21427	5.340	.20267	.94754
#3	3.0318	.89218	.66635	.19790	.21679	5.317	.20419	.95509

Sample Name: PB121677BS Acquired: 7/24/2019 15:21:25 Type: Unk
Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 9.1229
Stddev 1.2382
%RSD 13.572

#1 9.6087
#2 7.7155
#3 10.045

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1963.1	25035.	1716.2	30.781	2047.0
Stddev	7.0	102.	8.3	.768	3.6
%RSD	.35713	.40940	.48403	2.4941	.17802

#1	1955.2	25152.	1722.9	30.236	2042.9
#2	1968.3	24960.	1706.9	31.659	2050.0
#3	1966.0	24992.	1718.9	30.448	2048.0

Sample Name: PB121674BS Acquired: 7/24/2019 15:25:32 Type: Unk
Method: P4-ICP2(v3283) 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	.75614	1.9047	.98067	1.9713	.81554	2.0071	.20106
Stddev	.00334	.0057	.00021	.0055	.00253	.0184	.00051
%RSD	.44106	.30007	.02123	.28001	.31005	.91581	.25230

#1	.75829	1.9075	.98056	1.9669	.81287	2.0252	.20085
#2	.75229	1.8981	.98054	1.9696	.81587	2.0075	.20164
#3	.75782	1.9085	.98091	1.9775	.81789	1.9885	.20069

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20209	.19297	1.1164	.41238	.19671	.32166	3.1735
Stddev	.00024	.00038	.0441	.00207	.00100	.00107	.0086
%RSD	.11880	.19583	3.9519	.50206	.51063	.33120	.26971

#1	.20184	.19265	1.1536	.41015	.19657	.32180	3.1826
#2	.20213	.19286	1.1280	.41277	.19578	.32264	3.1721
#3	.20231	.19338	1.0677	.41424	.19777	.32053	3.1657

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21125	2.1260	.49458	.07351	3.2534	.30428	.19626
Stddev	.00009	.0424	.00095	.00038	.0319	.00139	.00032
%RSD	.04115	1.9923	.19169	.52061	.98100	.45603	.16348

#1	.21126	2.1312	.49534	.07307	3.2701	.30329	.19638
#2	.21134	2.1655	.49352	.07377	3.2736	.30368	.19590
#3	.21117	2.0813	.49487	.07368	3.2166	.30587	.19651

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6786	.39082	.31074	F -.00320	.91363	.66666	.18925
Stddev	.1227	.00113	.01767	.00598	.01567	.00027	.00021
%RSD	1.2672	.28922	5.6855	187.14	1.7156	.03981	.10863

#1	9.5876	.38969	.29826	.00357	.91391	.66651	.18910
#2	9.8180	.39080	.30300	-.00778	.89782	.66697	.18949
#3	9.6301	.39195	.33096	-.00537	.92916	.66651	.18918

Sample Name: PB121674BS Acquired: 7/24/2019 15:25:32 Type: Unk
Method: P4-ICP2(v3283) 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	.21469	F 5.499	.20342	.73575	F 12.681
Stddev	.00323	.014	.00173	.21730	8.433
%RSD	1.5043	.2567	.84897	29.535	66.502
#1	.21096	5.495	.20294	.88689	22.153
#2	.21658	5.487	.20199	.83364	9.9047
#3	.21653	5.515	.20534	.48672	5.9864
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1953.4	24731.	1692.7	30.703	2046.3
Stddev	5.9	56.	10.0	.565	6.2
%RSD	.30261	.22660	.59181	1.8410	.30067
#1	1953.8	24780.	1690.3	30.273	2045.4
#2	1959.1	24670.	1703.7	31.343	2052.8
#3	1947.3	24743.	1684.1	30.493	2040.6

Sample Name: K3905-02 Acquired: 7/24/2019 15:29:38 Type: Unk
Method: P4-ICP2(v3283) 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	.02290	.00043	.02280	.00585	.00248	.30146	.26127
Stddev	.00296	.00097	.00030	.00609	.00135	.01509	.00091
%RSD	12.922	225.06	1.3365	104.07	54.508	5.0059	.34691

#1	.01956	.00011	.02315	.00115	.00399	.28648	.26197
#2	.02520	-.00034	.02269	.00367	.00140	.31666	.26159
#3	.02394	.00151	.02257	.01272	.00204	.30123	.26024

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00003	160.08	-.00048	.00058	.01703	.27832
Stddev	.00010	.00009	1.11	.00031	.00026	.00045	.00176
%RSD	83.622	292.40	.69616	64.076	45.359	2.6520	.63130

#1	.00001	.00004	159.30	-.00070	.00067	.01706	.27637
#2	.00022	.00001	159.59	-.00060	.00079	.01747	.27979
#3	.00014	-.00014	161.36	-.00013	.00029	.01657	.27880

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37422	21.548	.00544	-.00029	253.24	.00785	.09253
Stddev	.00051	.171	.00078	.00048	.84	.00067	.00045
%RSD	.13666	.79144	14.415	163.58	.33138	8.5377	.48704

#1	.37394	21.741	.00556	.00015	254.04	.00784	.09222
#2	.37481	21.482	.00615	-.00023	253.31	.00853	.09305
#3	.37391	21.419	.00460	-.00080	252.37	.00719	.09232

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.763	.07444	.43391	F 25.387	F 13.166	-.00751	-.00816
Stddev	.043	.00025	.01767	.083	.141	.00130	.00208
%RSD	.18157	.33496	4.0713	.32829	1.0745	17.254	25.534

#1	23.809	.07427	.42303	25.307	13.032	-.00771	-.00683
#2	23.755	.07432	.42440	25.382	13.152	-.00870	-.00709
#3	23.724	.07473	.45429	25.474	13.314	-.00613	-.01056

Sample Name: K3905-02 Acquired: 7/24/2019 15:29:38 Type: Unk
Method: P4-ICP2(v3283) 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	.00212	.0835	.82578	3.8488	F<.00000
Stddev	.00054	.0007	.00847	.1803	10.222
%RSD	25.425	.8289	1.0260	4.6853	23.746

#1	.00162	.0827	.81856	3.7274	-34.541
#2	.00270	.0839	.82367	3.7630	-54.386
#3	.00205	.0838	.83510	4.0560	-40.209

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1871.1	23345.	1675.0	28.377	1869.4
Stddev	3.6	53.	13.9	.186	5.8
%RSD	.19409	.22883	.82990	.65506	.31263

#1	1875.2	23308.	1688.2	28.534	1875.8
#2	1868.3	23322.	1676.4	28.426	1864.4
#3	1869.8	23407.	1660.5	28.172	1868.0

Sample Name: K3969-03 Acquired: 7/24/2019 15:33:58 Type: Unk
Method: P4-ICP2(v3283) 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	.03443	-.00110	.00476	.00342	-.00538	.19020	.12701
Stddev	.00181	.00079	.00096	.00111	.00162	.03150	.00174
%RSD	5.2626	71.438	20.233	32.610	30.102	16.562	1.3676

#1	.03651	-.00091	.00585	.00347	-.00370	.17665	.12523
#2	.03323	-.00197	.00403	.00228	-.00693	.16774	.12712
#3	.03354	-.00043	.00440	.00450	-.00550	.22621	.12870

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00004	138.94	.00006	.00049	.00936	.00806
Stddev	.00002	.00004	.71	.00066	.00030	.00054	.00134
%RSD	31.349	95.633	.50787	1172.4	61.290	5.7566	16.580

#1	.00004	.00000	138.16	-.00020	.00018	.00960	.00694
#2	.00008	.00004	139.14	-.00044	.00077	.00875	.00954
#3	.00006	.00009	139.52	.00080	.00051	.00974	.00769

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03957	8.9642	.00853	-.00003	79.291	.00077	.05351
Stddev	.00021	.2087	.00031	.00037	.557	.00057	.00027
%RSD	.53573	2.3286	3.6246	1332.0	.70248	74.269	.49566

#1	.03952	8.7753	.00846	.00008	78.650	.00075	.05379
#2	.03981	9.1883	.00827	-.00044	79.564	.00134	.05327
#3	.03939	8.9291	.00888	.00027	79.658	.00021	.05345

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.561	.01297	.25439	F 50.285	F 11.265	-.01721	-.01039
Stddev	.177	.00022	.01504	.208	.042	.00201	.00059
%RSD	.62000	1.6587	5.9125	.41329	.37141	11.659	5.7124

#1	28.357	.01306	.23941	50.421	11.305	-.01490	-.01066
#2	28.681	.01312	.25428	50.046	11.269	-.01852	-.00971
#3	28.645	.01272	.26949	50.389	11.221	-.01821	-.01081

Sample Name: K3969-03 Acquired: 7/24/2019 15:33:58 Type: Unk
 Method: P4-ICP2(v3283) 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	.02244	.0134	1.3201	2.0173	F<.00000
Stddev	.00264	.0026	.0047	.4640	3.4149
%RSD	11.760	19.51	.35392	23.001	15.477
#1	.02047	.0164	1.3151	2.1474	-18.227
#2	.02141	.0125	1.3208	1.5021	-23.199
#3	.02544	.0114	1.3244	2.4024	-24.768
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1901.5	23731.	1684.1	30.213	1958.8
Stddev	6.7	54.	1.3	1.358	10.1
%RSD	.35060	.22917	.07756	4.4936	.51384
#1	1894.6	23793.	1682.6	31.771	1948.7
#2	1907.8	23696.	1684.6	29.280	1968.8
#3	1902.2	23702.	1685.0	29.589	1958.9

Sample Name: K3969-03DUP Acquired: 7/24/2019 15:38:19 Type: Unk
Method: P4-ICP2(v3283) 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	.03264	-.00130	.00407	.00293	-.00660	.19850	.12505
Stddev	.00288	.00048	.00141	.00201	.00164	.04617	.00118
%RSD	8.8294	36.790	34.569	68.589	24.886	23.258	.94661

#1	.03560	-.00075	.00417	.00521	-.00623	.25072	.12621
#2	.02984	-.00162	.00262	.00143	-.00517	.16312	.12384
#3	.03249	-.00152	.00543	.00214	-.00839	.18165	.12508

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00010	138.19	-.00044	.00039	.00979	.00835
Stddev	.00004	.00011	.86	.00021	.00011	.00066	.00028
%RSD	91.939	103.27	.61877	47.740	29.328	6.7193	3.2965

#1	.00009	-.00021	138.63	-.00068	.00026	.00983	.00812
#2	.00001	-.00009	138.74	-.00031	.00046	.00911	.00828
#3	.00003	-.00000	137.20	-.00033	.00044	.01042	.00865

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03907	8.8616	.00856	-.00007	78.945	.00069	.05129
Stddev	.00009	.0892	.00083	.00038	.480	.00082	.00020
%RSD	.22769	1.0068	9.7528	528.06	.60823	118.84	.38682

#1	.03902	8.9625	.00907	.00035	79.314	.00037	.05108
#2	.03918	8.7933	.00759	-.00019	79.119	.00162	.05131
#3	.03902	8.8289	.00900	-.00038	78.402	.00008	.05147

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.392	.01318	.24684	F 50.524	F 11.188	-.01814	-.00704
Stddev	.267	.00027	.00907	.173	.048	.00042	.00292
%RSD	.94123	2.0850	3.6763	.34155	.42757	2.3268	41.463

#1	28.364	.01346	.23900	50.483	11.189	-.01775	-.00368
#2	28.672	.01319	.25678	50.713	11.236	-.01859	-.00854
#3	28.140	.01291	.24474	50.376	11.140	-.01808	-.00890

Sample Name: K3969-03DUP Acquired: 7/24/2019 15:38:19 Type: Unk
Method: P4-ICP2(v3283) 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	.02337	.0130	1.3110	3.0349	F<.00000
Stddev	.00166	.0030	.0097	.3509	10.052
%RSD	7.1064	22.69	.74018	11.563	46.065

#1	.02147	.0138	1.3134	3.4003	-29.079
#2	.02408	.0097	1.3192	2.7006	-10.348
#3	.02456	.0155	1.3003	3.0038	-26.040

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1897.5	23761.	1691.9	29.418	1947.8
Stddev	5.1	123.	10.7	.393	4.6
%RSD	.26791	.51557	.63455	1.3369	.23446

#1	1902.4	23631.	1686.3	29.015	1952.0
#2	1897.8	23777.	1685.2	29.800	1942.9
#3	1892.3	23874.	1704.3	29.440	1948.4

Sample Name: K3969-03LX5 Acquired: 7/24/2019 15:42:42 Type: Unk
Method: P4-ICP2(v3283) 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	.00757	-.00121	.00596	.00480	-.00145	.04744	.02436
Stddev	.00248	.00074	.00140	.00336	.00146	.01061	.00075
%RSD	32.703	61.124	23.516	70.025	100.59	22.359	3.0624

#1	.00819	-.00169	.00681	.00848	.00023	.04234	.02385
#2	.00484	-.00036	.00674	.00407	-.00239	.04035	.02522
#3	.00968	-.00157	.00435	.00187	-.00218	.05964	.02402

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.00018	27.044	.00041	.00000	.00229	.00530
Stddev	.00004	.00001	.538	.00027	.00020	.00011	.00109
%RSD	17.938	3.5158	1.9896	65.363	5667.1	4.9775	20.524

#1	.00026	.00017	26.423	.00050	.00021	.00238	.00616
#2	.00019	.00018	27.365	.00011	-.00001	.00232	.00567
#3	.00028	.00018	27.345	.00062	-.00019	.00216	.00408

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00799	1.7392	.00225	.00046	15.192	.00046	.01524
Stddev	.00002	.0126	.00011	.00041	.072	.00008	.00021
%RSD	.30735	.72684	4.7864	89.787	.47508	17.223	1.3479

#1	.00796	1.7521	.00227	.00006	15.109	.00053	.01539
#2	.00800	1.7269	.00214	.00089	15.243	.00037	.01531
#3	.00799	1.7386	.00235	.00043	15.223	.00048	.01500

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4545	.00267	.06480	9.5177	2.1697	-.00322	-.00432
Stddev	.0407	.00010	.00508	.0284	.0120	.00060	.00591
%RSD	.74624	3.8745	7.8319	.29831	.55214	18.480	136.88

#1	5.4315	.00273	.06407	9.4916	2.1614	-.00299	-.00042
#2	5.4304	.00255	.07021	9.5135	2.1644	-.00390	-.01111
#3	5.5015	.00273	.06014	9.5479	2.1835	-.00278	-.00141

Sample Name: K3969-03LX5 Acquired: 7/24/2019 15:42:42 Type: Unk
Method: P4-ICP2(v3283) 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	.00819	.0024	.25651	1.0884	F<.00000
Stddev	.00423	.0017	.00466	.1848	2.9469
%RSD	51.678	69.92	1.8168	16.976	53.964

#1	.00333	.0006	.25115	.87950	-4.3842
#2	.01020	.0039	.25967	1.2304	-3.2037
#3	.01105	.0028	.25870	1.1552	-8.7946

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1970.0	24887.	1760.4	31.978	2073.6
Stddev	.2	56.	14.2	1.881	2.0
%RSD	.00962	.22690	.80534	5.8808	.09708

#1	1970.1	24841.	1776.6	29.807	2075.8
#2	1970.2	24871.	1754.2	33.107	2073.2
#3	1969.8	24950.	1750.3	33.019	2071.8

Sample Name: K3969-03MS Acquired: 7/24/2019 15:47:06 Type: Unk
Method: P4-ICP2(v3283) 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	.88983	2.0471	1.0394	2.1732	.90487	2.3053	.33927
Stddev	.00292	.0017	.0053	.0042	.00619	.0279	.00074
%RSD	.32862	.08124	.50995	.19151	.68357	1.2099	.21890

#1	.88651	2.0452	1.0446	2.1720	.90205	2.2888	.33975
#2	.89202	2.0481	1.0394	2.1698	.90060	2.3375	.33965
#3	.89096	2.0481	1.0340	2.1779	.91196	2.2897	.33841

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22667	.20516	134.73	.44823	.21340	.34675	3.3619
Stddev	.00081	.00025	.47	.00030	.00061	.00130	.0101
%RSD	.35824	.12022	.34777	.06783	.28377	.37532	.30051

#1	.22582	.20526	134.93	.44853	.21298	.34732	3.3718
#2	.22744	.20534	135.07	.44792	.21409	.34526	3.3623
#3	.22675	.20488	134.20	.44825	.21312	.34766	3.3516

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25487	10.659	.53678	.07828	78.195	.34393	.29413
Stddev	.00047	.150	.00128	.00141	.193	.00195	.00096
%RSD	.18351	1.4035	.23863	1.7997	.24738	.56722	.32671

#1	.25464	10.493	.53730	.07830	78.170	.34590	.29406
#2	.25541	10.783	.53772	.07686	78.400	.34200	.29512
#3	.25456	10.701	.53532	.07968	78.016	.34389	.29320

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.783	.45069	.56465	F 48.207	F 11.797	.74460	.21189
Stddev	.228	.00076	.03060	.123	.023	.00322	.00407
%RSD	.60337	.16895	5.4194	.25496	.19744	.43269	1.9191

#1	37.807	.44981	.58838	48.066	11.823	.74386	.20768
#2	37.998	.45113	.57546	48.269	11.779	.74813	.21220
#3	37.544	.45112	.53011	48.288	11.789	.74182	.21579

Sample Name: K3969-03MS Acquired: 7/24/2019 15:47:06 Type: Unk
Method: P4-ICP2(v3283) 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	.24286	6.531	1.4790	3.9289	F<.00000
Stddev	.00240	.004	.0052	.5393	5.0487
%RSD	.98982	.0561	.34970	13.726	34.127
#1	.24186	6.528	1.4777	4.5472	-19.131
#2	.24112	6.535	1.4847	3.6838	-9.2518
#3	.24561	6.530	1.4746	3.5558	-15.998
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1906.1	24049.	1684.9	29.690	1948.8
Stddev	3.7	119.	8.4	1.471	.1
%RSD	.19435	.49600	.49710	4.9554	.00703
#1	1907.9	23981.	1678.2	31.119	1948.8
#2	1908.6	23979.	1682.2	28.180	1948.7
#3	1901.9	24187.	1694.3	29.770	1948.9

Sample Name: K3969-03MSD Acquired: 7/24/2019 15:51:10 Type: Unk
Method: P4-ICP2(v3283) 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	.88073	2.0370	1.0324	2.1533	.90253	2.3099	.34115
Stddev	.00429	.0119	.0080	.0213	.00968	.0193	.00619
%RSD	.48735	.58308	.77842	.98769	1.0729	.83739	1.8148

#1	.88559	2.0504	1.0414	2.1772	.91369	2.2882	.33403
#2	.87747	2.0277	1.0297	2.1364	.89749	2.3254	.34419
#3	.87913	2.0328	1.0260	2.1463	.89640	2.3160	.34524

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22592	.20383	134.35	.44569	.21238	.34374	3.3480
Stddev	.00036	.00161	.54	.00140	.00178	.00213	.0037
%RSD	.16110	.79056	.40209	.31518	.83593	.62059	.11094

#1	.22571	.20567	133.87	.44414	.21438	.34620	3.3440
#2	.22634	.20317	134.24	.44688	.21175	.34241	3.3487
#3	.22571	.20266	134.93	.44607	.21100	.34261	3.3513

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25464	10.640	.53377	.07686	78.102	.34248	.29762
Stddev	.00150	.072	.00375	.00133	.685	.00194	.00209
%RSD	.59064	.67639	.70209	1.7293	.87736	.56660	.70296

#1	.25409	10.558	.53803	.07645	77.440	.34269	.29999
#2	.25348	10.692	.53235	.07835	78.058	.34431	.29601
#3	.25634	10.670	.53095	.07579	78.808	.34044	.29687

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.752	.44791	.56439	F 48.019	F 11.736	.74136	.20821
Stddev	.256	.00218	.01178	.256	.091	.00587	.00272
%RSD	.67867	.48577	2.0880	.53384	.77304	.79220	1.3052

#1	37.537	.45029	.55109	48.299	11.840	.74769	.20678
#2	37.683	.44601	.56853	47.962	11.701	.73608	.21134
#3	38.036	.44743	.57354	47.796	11.669	.74032	.20650

Sample Name: K3969-03MSD Acquired: 7/24/2019 15:51:10 Type: Unk
Method: P4-ICP2(v3283) 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	.24450	6.499	1.4780	3.9179	F<.00000
Stddev	.00137	.039	.0040	.2016	4.1838
%RSD	.56230	.6012	.26830	5.1442	32.703
#1	.24608	6.544	1.4805	3.9669	-16.785
#2	.24390	6.475	1.4734	4.0904	-8.4411
#3	.24353	6.477	1.4800	3.6964	-13.154
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1917.7	24033.	1685.1	29.715	1960.0
Stddev	9.0	67.	11.4	1.530	10.9
%RSD	.46819	.27823	.67887	5.1473	.55621
#1	1907.6	24088.	1672.1	28.009	1947.5
#2	1920.9	24052.	1689.5	30.174	1965.5
#3	1924.7	23959.	1693.7	30.963	1967.1

Sample Name: CCV02 Acquired: 7/24/2019 15:55:15 Type: Unk
Method: P4-ICP2(v3283) 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	4.7860	4.7673	4.7516	4.8364	4.8988	9.4384	9.6027
Stddev	.0092	.0072	.0049	.0115	.0092	.0828	.0406
%RSD	.19159	.15077	.10290	.23843	.18852	.87692	.42287

#1	4.7952	4.7598	4.7533	4.8235	4.8923	9.3917	9.5710
#2	4.7769	4.7741	4.7460	4.8396	4.8947	9.5340	9.6484
#3	4.7858	4.7679	4.7553	4.8459	4.9093	9.3895	9.5885

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24437	2.3677	24.074	1.0023	2.3813	1.2042	4.8823
Stddev	.00085	.0012	.524	.0017	.0049	.0022	.0077
%RSD	.34948	.05089	2.1753	.16719	.20672	.18406	.15692

#1	.24521	2.3668	23.491	1.0040	2.3831	1.2032	4.8840
#2	.24350	2.3672	24.506	1.0006	2.3758	1.2027	4.8739
#3	.24439	2.3690	24.224	1.0023	2.3852	1.2068	4.8890

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3817	24.097	2.3823	1.2077	24.192	2.4377	2.3731
Stddev	.0055	.314	.0042	.0037	.138	.0057	.0019
%RSD	.23097	1.3045	.17629	.30792	.57093	.23248	.08169

#1	2.3832	23.899	2.3776	1.2098	24.108	2.4398	2.3742
#2	2.3756	24.460	2.3837	1.2034	24.352	2.4312	2.3709
#3	2.3862	23.933	2.3857	1.2099	24.118	2.4420	2.3743

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.931	4.7868	4.7065	4.7466	4.7633	4.7862	4.7603
Stddev	.127	.0059	.0803	.0199	.0777	.0036	.0956
%RSD	.52858	.12269	1.7055	.41872	1.6306	.07577	2.0081

#1	23.864	4.7804	4.6153	4.7460	4.6764	4.7841	4.6538
#2	24.077	4.7879	4.7382	4.7270	4.7874	4.7903	4.8387
#3	23.853	4.7920	4.7661	4.7667	4.8261	4.7840	4.7884

Sample Name: CCV02 Acquired: 7/24/2019 15:55:15 Type: Unk
Method: P4-ICP2(v3283) 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	4.6559	4.761	F 4.0796	F 4.2995	F<.00000
Stddev	.0749	.005	.0701	.1222	3.0762
%RSD	1.6091	.1038	1.7185	2.8414	22.799
#1	4.5694	4.758	3.9988	4.2454	-12.204
#2	4.6988	4.758	4.1244	4.4394	-11.270
#3	4.6995	4.767	4.1157	4.2137	-17.003
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1908.2	24245.	1720.2	28.559	1889.3
Stddev	.9	68.	19.5	1.273	1.9
%RSD	.04458	.28026	1.1314	4.4556	.10001
#1	1909.2	24167.	1742.1	30.027	1887.2
#2	1907.8	24280.	1713.4	27.761	1890.4
#3	1907.7	24288.	1705.0	27.890	1890.5

Sample Name: CCB02 Acquired: 7/24/2019 15:59:13 Type: Unk
Method: P4-ICP2(v3283) 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	-.00097	.00000	.00345	.00467	.00150	-.00960	-.00069	-.00005
Stddev	.00303	.00106	.00153	.00156	.00367	.02083	.00137	.00008
%RSD	313.24	23784.	44.455	33.368	244.18	217.07	197.39	167.61
#1	.00096	-.00058	.00522	.00423	.00540	.00798	.00041	-.00007
#2	-.00446	.00122	.00266	.00338	-.00189	-.03260	-.00026	.00004
#3	.00060	-.00063	.00247	.00640	.00101	-.00416	-.00223	-.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00496	.00008	.00005	.00087	.00026	-.00002	.00837
Stddev	.00005	.00914	.00008	.00024	.00057	.00048	.00004	.08405
%RSD	105.03	184.35	101.64	486.78	65.835	185.44	232.40	1003.7
#1	.00005	.01154	-.00001	.00028	.00021	.00070	.00000	.07591
#2	-.00000	.00881	.00015	.00007	.00113	-.00026	.00001	.03496
#3	.00009	-.00548	.00011	-.00020	.00126	.00034	-.00006	-.08575
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00049	.00093	.14302	-.00029	-.00000	.14612	.00101	.02757
Stddev	.00039	.00054	.02697	.00073	.00010	.01893	.00089	.02861
%RSD	79.500	57.489	18.857	250.34	2038.2	12.958	88.264	103.79
#1	-.00004	.00041	.16252	.00006	.00008	.16711	.00200	.04448
#2	-.00072	.00148	.11224	-.00113	.00002	.13031	.00028	-.00547
#3	-.00072	.00091	.15431	.00019	-.00011	.14095	.00074	.04369
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01359	.00667	.00034	-.00231	-.00001	.0011	.00003	1.3574
Stddev	.00254	.00138	.00108	.00331	.00222	.0032	.00021	.0147
%RSD	18.725	20.755	318.30	143.50	28936.	284.7	724.78	1.0869
#1	.01071	.00731	-.00023	-.00419	-.00209	-.0013	.00027	1.3741
#2	.01553	.00508	-.00033	-.00424	-.00027	-.0001	-.00009	1.3521
#3	.01453	.00762	.00158	.00151	.00233	.0048	-.00009	1.3461

Sample Name: CCB02 Acquired: 7/24/2019 15:59:13 Type: Unk
 Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 3.3383
 %RSD 33.587

#1 -13.513
 #2 -6.9012
 #3 -9.4036

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1967.2	24925.	1734.6	30.798	2053.8
Stddev	8.6	57.	23.8	1.166	5.0
%RSD	.43558	.23022	1.3741	3.7857	.24378

#1	1960.8	24921.	1711.3	29.961	2051.4
#2	1977.0	24984.	1733.4	30.302	2059.5
#3	1963.9	24870.	1758.9	32.130	2050.3

Sample Name: K3969-03A Acquired: 7/24/2019 16:08:10 Type: Unk
Method: P4-ICP2(v3283) 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	.89391	2.0430	1.0377	2.1979	.90244	2.3417	.34181
Stddev	.00325	.0039	.0019	.0105	.00269	.0102	.00155
%RSD	.36321	.19290	.18569	.47933	.29847	.43675	.45251

#1	.89721	2.0475	1.0363	2.2098	.89936	2.3459	.34225
#2	.89072	2.0400	1.0369	2.1900	.90362	2.3300	.34009
#3	.89379	2.0415	1.0399	2.1938	.90434	2.3490	.34309

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22682	.20493	133.50	.44792	.21364	.34527	3.3741
Stddev	.00008	.00013	.88	.00082	.00046	.00036	.0062
%RSD	.03424	.06197	.65901	.18270	.21570	.10389	.18302

#1	.22686	.20480	132.52	.44842	.21345	.34498	3.3671
#2	.22687	.20493	133.76	.44697	.21330	.34567	3.3770
#3	.22673	.20505	134.22	.44835	.21417	.34516	3.3784

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25483	10.775	.53758	.07599	78.147	.34365	.29580
Stddev	.00031	.065	.00166	.00057	.370	.00070	.00040
%RSD	.12162	.60369	.30948	.74532	.47399	.20403	.13657

#1	.25455	10.818	.53856	.07536	78.264	.34445	.29542
#2	.25516	10.701	.53566	.07647	77.733	.34314	.29576
#3	.25479	10.807	.53852	.07612	78.446	.34335	.29622

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.624	.44711	.56035	F 48.720	F 11.688	.74501	.20905
Stddev	.295	.00054	.02399	.160	.081	.00391	.00157
%RSD	.78490	.11974	4.2811	.32924	.69518	.52428	.75275

#1	37.915	.44675	.55250	48.850	11.595	.74067	.20979
#2	37.324	.44773	.58728	48.541	11.738	.74612	.20724
#3	37.634	.44687	.54126	48.770	11.732	.74824	.21012

Sample Name: K3969-03A Acquired: 7/24/2019 16:08:10 Type: Unk
 Method: P4-ICP2(v3283) 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	.24139	6.537	1.4708	4.3369	F<.00000
Stddev	.00259	.017	.0091	.0544	2.4119
%RSD	1.0733	.2634	.61553	1.2534	18.240

#1	.24416	6.553	1.4606	4.3868	-12.731
#2	.23903	6.519	1.4738	4.3449	-15.844
#3	.24098	6.541	1.4779	4.2790	-11.096

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1916.1	24170.	1709.0	29.352	1956.6
Stddev	2.2	54.	6.9	1.382	2.8
%RSD	.11410	.22212	.40325	4.7086	.14375

#1	1918.4	24108.	1716.9	29.491	1959.8
#2	1915.7	24203.	1704.5	30.659	1955.6
#3	1914.1	24199.	1705.6	27.906	1954.4

Sample Name: K3944-01 Acquired: 7/24/2019 16:25:36 Type: Unk
Method: P4-ICP2(v3283) 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	.00107	-.00017	.02304	.01451	-.00473	.83365	.06081
Stddev	.00070	.00058	.00075	.00615	.00187	.02091	.00042
%RSD	66.107	346.07	3.2368	42.368	39.622	2.5086	.69558

#1	.00144	-.00081	.02388	.01035	-.00608	.83923	.06084
#2	.00150	.00000	.02278	.02157	-.00553	.85120	.06121
#3	.00025	.00031	.02246	.01160	-.00259	.81051	.06037

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	-.00067	61.359	.00236	.00203	.04139	16.195
Stddev	.00003	.00006	.356	.00008	.00027	.00022	.036
%RSD	9.8284	9.6489	.57989	3.1860	13.169	.52378	.22232

#1	.00029	-.00071	61.770	.00229	.00230	.04143	16.222
#2	.00026	-.00069	61.155	.00234	.00176	.04116	16.209
#3	.00031	-.00059	61.152	.00244	.00203	.04159	16.154

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37463	6.0727	.00632	-.00062	46.277	.00768	.79769
Stddev	.00051	.0261	.00032	.00066	.047	.00033	.00393
%RSD	.13699	.43044	5.0505	107.41	.10074	4.2746	.49226

#1	.37412	6.0841	.00624	-.00065	46.270	.00746	.80161
#2	.37463	6.0428	.00605	-.00127	46.327	.00752	.79376
#3	.37515	6.0912	.00667	.00006	46.235	.00806	.79771

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6471	.00304	.04289	2.7104	6.9586	.00112	.02574
Stddev	.0322	.00019	.03230	.0177	.0498	.00044	.00479
%RSD	.69255	6.2164	75.303	.65495	.71566	39.542	18.624

#1	4.6348	.00304	.07954	2.7213	7.0161	.00159	.03126
#2	4.6837	.00285	.03054	2.6899	6.9297	.00070	.02325
#3	4.6230	.00323	.01859	2.7200	6.9301	.00109	.02269

Sample Name: K3944-01 Acquired: 7/24/2019 16:25:36 Type: Unk
 Method: P4-ICP2(v3283) 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	.00471	.9670	.19634	1.8967	F<.00000
Stddev	.00260	.0023	.00151	.1479	1.5379
%RSD	55.141	.2380	.77021	7.7956	29.283
#1	.00609	.9685	.19808	2.0016	-6.9135
#2	.00632	.9682	.19529	1.9609	-3.8784
#3	.00171	.9644	.19567	1.7276	-4.9640
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1982.7	25204.	1782.5	31.285	2032.7
Stddev	7.8	76.	8.1	.372	9.5
%RSD	.39351	.30112	.45581	1.1887	.46763
#1	1980.3	25282.	1773.8	31.019	2027.9
#2	1991.5	25200.	1789.9	31.710	2043.6
#3	1976.5	25131.	1784.0	31.126	2026.5

Sample Name: K3944-01DUP Acquired: 7/24/2019 16:29:56 Type: Unk
Method: P4-ICP2(v3283) 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	.00005	-.00117	.02598	.01023	-.00352	.83320	.06173
Stddev	.00591	.00305	.00125	.00142	.00423	.00801	.00071
%RSD	12232.	259.44	4.8026	13.914	120.14	.96152	1.1513

#1	.00477	-.00140	.02574	.00864	-.00840	.84027	.06206
#2	.00196	.00198	.02488	.01066	-.00102	.82450	.06221
#3	-.00659	-.00410	.02734	.01139	-.00114	.83482	.06091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	-.00058	62.598	.00233	.00257	.04295	16.634
Stddev	.00001	.00005	.334	.00072	.00010	.00046	.042
%RSD	3.5193	9.0939	.53377	30.917	4.0288	1.0674	.25482

#1	.00032	-.00059	62.550	.00186	.00247	.04335	16.634
#2	.00034	-.00052	62.953	.00316	.00268	.04245	16.677
#3	.00032	-.00062	62.290	.00197	.00257	.04305	16.592

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38488	6.1766	.00643	-.00078	47.507	.00807	.81438
Stddev	.00161	.0651	.00030	.00018	.186	.00056	.00198
%RSD	.41892	1.0535	4.6485	22.716	.39224	6.8892	.24276

#1	.38446	6.1314	.00614	-.00066	47.401	.00812	.81537
#2	.38352	6.1472	.00641	-.00098	47.722	.00749	.81566
#3	.38666	6.2512	.00673	-.00070	47.397	.00860	.81210

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6551	.00320	.04936	2.7677	7.0984	.00057	.02738
Stddev	.0429	.00030	.01933	.0034	.0407	.00091	.00411
%RSD	.92220	9.3932	39.165	.12178	.57293	160.98	14.997

#1	4.6986	.00309	.04985	2.7690	7.1447	-.00048	.03154
#2	4.6128	.00354	.06844	2.7638	7.0824	.00122	.02726
#3	4.6539	.00297	.02979	2.7701	7.0682	.00096	.02333

Sample Name: K3944-01DUP Acquired: 7/24/2019 16:29:56 Type: Unk
Method: P4-ICP2(v3283) 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	.00403	.9927	.19982	3.1668	F<.00000
Stddev	.00324	.0047	.00064	.5886	6.2697
%RSD	80.558	.4762	.32100	18.585	54.400

#1	.00210	.9963	.20020	3.4850	-4.5867
#2	.00777	.9873	.20019	3.5278	-16.784
#3	.00221	.9945	.19908	2.4877	-13.205

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1925.5	24506.	1741.4	29.775	1977.5
Stddev	4.7	46.	5.5	.907	4.5
%RSD	.24444	.18834	.31353	3.0448	.22615

#1	1924.4	24558.	1736.2	29.034	1976.3
#2	1921.5	24490.	1740.8	29.505	1973.7
#3	1930.7	24470.	1747.1	30.786	1982.4

Sample Name: K3944-01LX5 Acquired: 7/24/2019 16:34:16 Type: Unk
Method: P4-ICP2(v3283) 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	-.00003	-.00233	.00537	.00916	.00222	.13489	.01132
Stddev	.00339	.00087	.00199	.00365	.00102	.01869	.00104
%RSD	13104.	37.378	37.008	39.858	46.216	13.859	9.2138

#1	-.00392	-.00162	.00760	.00505	.00281	.15627	.01043
#2	.00226	-.00330	.00470	.01039	.00280	.12679	.01247
#3	.00158	-.00207	.00379	.01203	.00103	.12162	.01107

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00011	11.124	.00092	.00062	.00782	3.0060
Stddev	.00007	.00003	.104	.00087	.00036	.00026	.0246
%RSD	54.976	23.690	.93542	94.123	56.923	3.2859	.81951

#1	.00007	-.00009	11.004	.00008	.00061	.00806	3.0126
#2	.00021	-.00011	11.183	.00182	.00099	.00755	3.0267
#3	.00012	-.00014	11.185	.00086	.00028	.00784	2.9787

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07093	1.0946	.00090	.00044	8.5482	.00093	.14113
Stddev	.00043	.0388	.00072	.00092	.0209	.00060	.00030
%RSD	.60398	3.5478	80.319	210.89	.24387	63.744	.20997

#1	.07089	1.0819	.00008	-.00052	8.5698	.00032	.14134
#2	.07138	1.1381	.00117	.00132	8.5282	.00097	.14079
#3	.07053	1.0636	.00144	.00050	8.5467	.00151	.14126

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87291	.00076	.02512	.51943	1.2675	-.00035	.00243
Stddev	.04451	.00020	.01601	.00065	.0187	.00031	.00179
%RSD	5.0992	25.665	63.725	.12458	1.4765	87.716	73.518

#1	.92430	.00089	.02512	.51940	1.2575	-.00026	.00444
#2	.84622	.00054	.00911	.52010	1.2890	-.00069	.00102
#3	.84823	.00086	.04112	.51880	1.2558	-.00010	.00183

Sample Name: K3944-01LX5 Acquired: 7/24/2019 16:34:16 Type: Unk
Method: P4-ICP2(v3283) 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	-.00080	.1724	.03550	2.2158	F<.00000
Stddev	.00149	.0034	.00021	.5012	3.9374
%RSD	187.95	1.977	.58193	22.621	44.114

#1	-.00086	.1697	.03536	2.1940	-5.2620
#2	.00073	.1762	.03574	2.7276	-13.089
#3	-.00225	.1712	.03542	1.7258	-8.4252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1989.2	25126.	1774.6	30.376	2077.4
Stddev	5.0	206.	16.9	.558	8.6
%RSD	.25162	.81922	.95118	1.8377	.41605

#1	1987.1	25008.	1777.8	30.100	2073.3
#2	1985.6	25007.	1756.4	30.009	2071.4
#3	1994.9	25364.	1789.7	31.018	2087.3

Sample Name: K3944-01MSD Acquired: 7/24/2019 16:43:14 Type: Unk
Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78762	1.9602	1.0120	1.7565	.81941	2.8289	.26622	.21236	.19558
Stddev	.00284	.0065	.0064	.0057	.00288	.0212	.00068	.00060	.00068
%RSD	.36114	.33037	.62922	.32432	.35173	.74887	.25393	.28346	.34808

#1	.79089	1.9646	1.0184	1.7573	.81625	2.8457	.26546	.21203	.19636
#2	.78571	1.9528	1.0118	1.7504	.82008	2.8359	.26648	.21199	.19527
#3	.78627	1.9634	1.0057	1.7617	.82190	2.8051	.26674	.21305	.19511

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	62.043	.42414	.20495	.36269	19.212	.57233	8.1405	.50910	.07292
Stddev	.257	.00124	.00074	.00151	.025	.00143	.0427	.00244	.00011
%RSD	.41376	.29148	.36246	.41726	.13145	.25055	.52425	.47913	.14854

#1	62.105	.42551	.20565	.36436	19.182	.57078	8.1092	.51171	.07286
#2	61.761	.42312	.20502	.36141	19.227	.57361	8.1891	.50687	.07304
#3	62.263	.42378	.20417	.36229	19.226	.57259	8.1232	.50872	.07285

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.808	.33125	1.0072	14.871	.39700	.36197	2.8709	7.8645	.67868
Stddev	.067	.00079	.0048	.010	.00097	.00759	.0105	.0121	.00196
%RSD	.13654	.23816	.47248	.06407	.24554	2.0982	.36576	.15350	.28866

#1	48.738	.33034	1.0123	14.870	.39751	.35800	2.8766	7.8508	.67891
#2	48.870	.33169	1.0030	14.861	.39587	.37073	2.8588	7.8688	.68051
#3	48.817	.33173	1.0062	14.881	.39761	.35718	2.8773	7.8738	.67661

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22495	.21442	7.045	.40113	3.9015	.02294
Stddev	.00842	.00174	.020	.00097	.1924	6.9465
%RSD	3.7435	.81007	.2899	.24151	4.9324	30278.

#1	.21858	.21602	7.068	.40111	3.7236	-1.2723
#2	.23449	.21257	7.032	.40017	3.8750	7.5259
#3	.22177	.21467	7.034	.40211	4.1057	-6.1848

Sample Name: K3944-01MSD Acquired: 7/24/2019 16:43:14 Type: Unk
Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1942.9	24704.	1739.3	29.909	1980.9
Stddev	7.7	75.	8.6	1.556	9.1
%RSD	.39638	.30518	.49253	5.2039	.45991
#1	1938.5	24782.	1747.1	28.126	1971.1
#2	1951.8	24698.	1740.6	30.994	1989.1
#3	1938.4	24632.	1730.1	30.608	1982.4

Sample Name: K3944-01MS Acquired: 7/24/2019 16:47:20 Type: Unk
Method: P4-ICP2(v3283) 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	.79337	1.9642	1.0191	1.7539	.81939	2.8252	.26481
Stddev	.00488	.0044	.0033	.0061	.00107	.0050	.00181
%RSD	.61449	.22508	.32207	.35017	.13052	.17826	.68256

#1	.78915	1.9591	1.0155	1.7504	.81989	2.8237	.26476
#2	.79225	1.9670	1.0219	1.7503	.81816	2.8211	.26302
#3	.79870	1.9666	1.0199	1.7610	.82011	2.8309	.26664

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21260	.19589	62.265	.42247	.20491	.36378	19.380
Stddev	.00051	.00021	.207	.00110	.00110	.00082	.029
%RSD	.24087	.10618	.33319	.25996	.53547	.22475	.14889

#1	.21259	.19566	62.123	.42358	.20405	.36305	19.406
#2	.21311	.19595	62.503	.42139	.20455	.36363	19.384
#3	.21209	.19606	62.170	.42245	.20615	.36467	19.349

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57374	8.0169	.50989	.07287	49.005	.33191	1.0177
Stddev	.00319	.1105	.00144	.00128	.222	.00033	.0015
%RSD	.55594	1.3786	.28273	1.7599	.45294	.09912	.15051

#1	.57600	7.8917	.50830	.07376	49.177	.33194	1.0159
#2	.57009	8.1010	.51027	.07344	48.755	.33156	1.0183
#3	.57512	8.0579	.51110	.07140	49.084	.33221	1.0188

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.887	.39674	.34235	2.9146	7.9183	.67889	.22881
Stddev	.085	.00092	.01943	.0111	.0549	.00234	.00298
%RSD	.57242	.23159	5.6766	.37941	.69340	.34531	1.3007

#1	14.790	.39581	.32038	2.9126	7.9144	.67787	.23054
#2	14.948	.39765	.34938	2.9048	7.9751	.68157	.23051
#3	14.925	.39677	.35729	2.9266	7.8655	.67723	.22537

Sample Name: K3944-01MS Acquired: 7/24/2019 16:47:20 Type: Unk
Method: P4-ICP2(v3283) 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	.21340	7.084	.40125	4.6802	F<.00000
Stddev	.00379	.022	.00216	.3615	3.5385
%RSD	1.7753	.3062	.53904	7.7248	73.646

#1	.20903	7.060	.39976	4.5482	-3.6467
#2	.21543	7.091	.40373	5.0892	-8.7772
#3	.21574	7.101	.40025	4.4032	-1.9904

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1930.9	24584.	1730.2	29.241	1964.0
Stddev	2.1	51.	16.9	2.502	1.2
%RSD	.10687	.20914	.97403	8.5578	.05970

#1	1932.9	24540.	1731.4	28.738	1965.3
#2	1931.0	24571.	1712.8	27.029	1963.6
#3	1928.8	24640.	1746.4	31.957	1963.1

Sample Name: K3944-01A Acquired: 7/24/2019 16:51:27 Type: Unk
Method: P4-ICP2(v3283) 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	.77895	1.9234	1.0012	1.7147	.80522	2.7850	.26438
Stddev	.00332	.0033	.0032	.0010	.00104	.0259	.00199
%RSD	.42677	.17242	.32435	.05825	.12866	.93141	.75274

#1	.77773	1.9269	1.0033	1.7137	.80403	2.7669	.26220
#2	.77641	1.9229	1.0029	1.7150	.80582	2.8147	.26482
#3	.78271	1.9203	.99749	1.7156	.80582	2.7733	.26611

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20852	.19222	62.141	.41642	.20140	.35777	19.291
Stddev	.00044	.00010	.374	.00091	.00093	.00030	.003
%RSD	.20868	.05322	.60126	.21899	.46039	.08463	.01598

#1	.20902	.19229	61.714	.41747	.20188	.35743	19.293
#2	.20830	.19226	62.306	.41589	.20200	.35789	19.287
#3	.20823	.19210	62.405	.41589	.20034	.35799	19.293

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56692	8.2010	.49995	.07094	49.126	.32491	1.0034
Stddev	.00055	.1629	.00155	.00102	.160	.00263	.0024
%RSD	.09739	1.9865	.31036	1.4312	.32542	.80867	.23430

#1	.56654	8.1036	.50137	.07029	48.954	.32191	1.0016
#2	.56755	8.1103	.49829	.07042	49.270	.32599	1.0060
#3	.56666	8.3891	.50018	.07211	49.153	.32682	1.0024

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.740	.39064	.35850	2.8932	7.8216	.66758	.22049
Stddev	.248	.00134	.02764	.0057	.0502	.00164	.00309
%RSD	1.6800	.34218	7.7093	.19566	.64121	.24549	1.3995

#1	14.462	.38915	.35298	2.8979	7.8793	.66685	.22405
#2	14.824	.39174	.33404	2.8948	7.7886	.66643	.21848
#3	14.935	.39102	.38848	2.8869	7.7969	.66946	.21895

Sample Name: K3944-01A Acquired: 7/24/2019 16:51:27 Type: Unk
 Method: P4-ICP2(v3283) 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	.20655	6.958	.39676	4.5236	F<.00000
Stddev	.00278	.032	.00105	.2379	2.3947
%RSD	1.3455	.4566	.26496	5.2592	53.419
#1	.20518	6.994	.39568	4.7764	-3.9717
#2	.20975	6.934	.39681	4.4903	-2.3851
#3	.20473	6.945	.39778	4.3041	-7.0920
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1943.8	24720.	1757.9	28.925	1981.7
Stddev	7.2	83.	2.2	.240	4.6
%RSD	.36787	.33519	.12397	.83053	.22970
#1	1951.9	24815.	1755.6	28.752	1985.9
#2	1938.5	24661.	1758.1	29.199	1976.9
#3	1940.9	24684.	1759.9	28.824	1982.2

Sample Name: K3944-02 Acquired: 7/24/2019 16:55:34 Type: Unk
Method: P4-ICP2(v3283) 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	-.00011	-.00029	.01899	.00826	-.00263	.71469	.05248
Stddev	.00189	.00053	.00132	.00320	.00098	.01930	.00041
%RSD	1750.9	181.77	6.9472	38.771	37.387	2.7002	.79029

#1	-.00228	.00032	.01995	.01195	-.00326	.73610	.05205
#2	.00085	-.00054	.01748	.00652	-.00150	.70934	.05288
#3	.00111	-.00066	.01953	.00630	-.00315	.69863	.05252

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	-.00058	53.594	.00179	.00181	.03765	14.521
Stddev	.00004	.00021	.201	.00018	.00028	.00031	.022
%RSD	13.173	35.464	.37522	10.314	15.675	.81551	.15273

#1	.00031	-.00063	53.367	.00200	.00169	.03730	14.537
#2	.00026	-.00036	53.666	.00168	.00214	.03789	14.530
#3	.00024	-.00076	53.749	.00168	.00161	.03775	14.496

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33652	4.6329	.00479	-.00034	42.282	.00623	.70220
Stddev	.00145	.0787	.00022	.00071	.306	.00015	.00183
%RSD	.43157	1.6996	4.5277	205.61	.72302	2.4326	.26019

#1	.33729	4.5425	.00496	-.00068	41.934	.00633	.70350
#2	.33741	4.6694	.00454	-.00082	42.508	.00606	.70299
#3	.33484	4.6868	.00486	.00047	42.404	.00631	.70011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1843	.00305	.06620	2.7616	6.2873	.00067	.02285
Stddev	.0714	.00022	.02552	.0131	.0621	.00116	.00089
%RSD	1.7062	7.1223	38.547	.47447	.98763	173.64	3.8802

#1	4.1019	.00324	.04218	2.7697	6.3583	.00061	.02193
#2	4.2249	.00311	.06343	2.7687	6.2433	-.00046	.02370
#3	4.2262	.00281	.09298	2.7465	6.2602	.00186	.02290

Sample Name: K3944-02 Acquired: 7/24/2019 16:55:34 Type: Unk
 Method: P4-ICP2(v3283) 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	.00276	.7295	.17892	2.5892	F<.00000
Stddev	.00161	.0011	.00021	.6164	3.0609
%RSD	58.210	.1464	.11907	23.806	22.252
#1	.00173	.7305	.17912	2.3852	-10.885
#2	.00461	.7297	.17870	2.1006	-13.405
#3	.00194	.7284	.17893	3.2816	-16.976
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1947.7	24676.	1767.5	30.693	2009.5
Stddev	6.6	47.	8.5	1.189	2.6
%RSD	.33725	.18899	.48164	3.8738	.13049
#1	1955.2	24717.	1757.9	31.765	2012.2
#2	1943.5	24625.	1774.3	30.899	2006.9
#3	1944.3	24686.	1770.2	29.414	2009.6

Sample Name: CCV03 Acquired: 7/24/2019 16:59:55 Type: Unk
Method: P4-ICP2(v3283) 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	4.7911	4.7668	4.7724	4.8446	4.9825	9.4421	9.6398
Stddev	.0170	.0124	.0075	.0127	.0152	.0646	.0369
%RSD	.35399	.26126	.15685	.26163	.30474	.68408	.38247

#1	4.7828	4.7812	4.7639	4.8446	4.9777	9.3872	9.5974
#2	4.8106	4.7600	4.7749	4.8572	4.9996	9.5133	9.6582
#3	4.7799	4.7593	4.7783	4.8319	4.9704	9.4260	9.6639

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24509	2.3777	24.087	1.0323	2.3949	1.2044	4.9346
Stddev	.00024	.0020	.050	.0005	.0026	.0017	.0103
%RSD	.09888	.08450	.20719	.04981	.10867	.13743	.20784

#1	.24483	2.3786	24.040	1.0321	2.3939	1.2050	4.9245
#2	.24531	2.3754	24.080	1.0318	2.3978	1.2058	4.9450
#3	.24511	2.3791	24.139	1.0328	2.3929	1.2026	4.9342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3883	23.968	2.3974	1.2042	24.091	2.4405	2.3869
Stddev	.0075	.164	.0015	.0004	.106	.0114	.0021
%RSD	.31383	.68309	.06467	.03235	.44014	.46513	.08885

#1	2.3810	24.100	2.3990	1.2047	23.969	2.4404	2.3879
#2	2.3960	24.018	2.3959	1.2040	24.145	2.4519	2.3884
#3	2.3878	23.785	2.3973	1.2040	24.159	2.4292	2.3845

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.861	4.7823	4.7007	4.7923	4.7425	4.8306	4.7602
Stddev	.169	.0118	.0394	.0199	.0144	.0055	.0155
%RSD	.70794	.24775	.83894	.41618	.30288	.11444	.32503

#1	23.674	4.7746	4.6568	4.7795	4.7544	4.8286	4.7522
#2	24.002	4.7959	4.7126	4.8153	4.7266	4.8262	4.7504
#3	23.908	4.7763	4.7329	4.7821	4.7466	4.8368	4.7780

Sample Name: CCV03 Acquired: 7/24/2019 16:59:55 Type: Unk
Method: P4-ICP2(v3283) 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	4.6423	4.823	F 3.4935	F 4.2303	F<.00000
Stddev	.0054	.012	.0077	.1886	8.8257
%RSD	.11587	.2433	.21963	4.4585	1102.5
#1	4.6476	4.836	3.4924	4.4448	1.9482
#2	4.6369	4.816	3.4864	4.1559	-10.673
#3	4.6425	4.816	3.5016	4.0903	6.3237
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1906.0	24182.	1717.3	28.952	1884.0
Stddev	5.3	77.	8.2	1.129	2.8
%RSD	.27813	.31869	.47467	3.9010	.15069
#1	1906.0	24178.	1708.1	30.231	1881.0
#2	1900.7	24107.	1720.4	28.090	1884.2
#3	1911.3	24261.	1723.5	28.536	1886.7

Sample Name: CCB03 Acquired: 7/24/2019 17:03:54 Type: Unk
 Method: P4-ICP2(v3283) 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	.00121	.00076	.00139	.00422	-.00033	.00989	.00049
Stddev	.00274	.00060	.00058	.00145	.00297	.01443	.00119
%RSD	226.30	78.824	41.743	34.296	896.40	145.90	244.66

#1	.00405	.00115	.00191	.00569	.00270	.01521	.00143
#2	-.00142	.00107	.00150	.00279	-.00045	.02091	.00089
#3	.00100	.00007	.00077	.00417	-.00324	-.00644	-.00085

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00004	.01198	.00019	-.00012	-.00021	.00027
Stddev	.00009	.00004	.02000	.00055	.00033	.00016	.00022
%RSD	432.57	112.51	166.99	287.01	263.82	76.795	78.906

#1	-.00006	.00001	.02752	.00008	.00024	-.00002	.00043
#2	-.00009	.00001	.01900	-.00030	-.00038	-.00031	.00003
#3	.00008	.00008	-.01059	.00079	-.00024	-.00030	.00036

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.04174	-.00082	-.00054	.05431	-.00068	-.00008
Stddev	.00009	.05378	.00030	.00043	.00979	.00034	.00007
%RSD	176.97	128.85	37.294	78.960	18.025	50.420	82.397

#1	-.00002	.08389	-.00057	-.00040	.04302	-.00095	-.00011
#2	.00002	.06015	-.00116	-.00102	.06037	-.00079	-.00001
#3	.00015	-.01883	-.00072	-.00020	.05955	-.00029	-.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01905	.00150	.00179	F .01909	.00494	.00128	-.00442
Stddev	.04687	.00040	.01418	.00313	.00235	.00092	.00422
%RSD	246.00	26.974	790.53	16.413	47.488	71.851	95.328

#1	.07088	.00196	.00777	.01881	.00283	.00115	-.00492
#2	.00664	.00127	.01200	.02236	.00452	.00226	.00002
#3	-.02036	.00126	-.01439	.01611	.00747	.00043	-.00837

Sample Name: CCB03 Acquired: 7/24/2019 17:03:54 Type: Unk
 Method: P4-ICP2(v3283) 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	-.00218	.0006	.00034	F 1.4394	F<.00000
Stddev	.00168	.0022	.00014	.3650	3.3577
%RSD	76.824	390.9	40.091	25.360	37.961

#1	-.00219	-.0019	.00043	1.0208	-11.123
#2	-.00385	.0023	.00018	1.6917	-10.424
#3	-.00050	.0013	.00040	1.6057	-4.9891

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1995.5	25385.	1767.8	29.980	2078.4
Stddev	4.1	87.	14.1	.777	5.2
%RSD	.20518	.34328	.80023	2.5925	.24956

#1	1996.0	25382.	1752.1	29.861	2077.3
#2	1991.1	25299.	1779.5	30.809	2073.9
#3	1999.3	25473.	1771.9	29.268	2084.1

Sample Name: K3956-01 Acquired: 7/24/2019 17:08:23 Type: Unk
Method: P4-ICP2(v3283) 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	-.00124	-.00126	-.00188	.00503	-.00624	.06215	.00165
Stddev	.00200	.00056	.00179	.00036	.00244	.01079	.00057
%RSD	162.13	44.442	95.203	7.1826	39.119	17.361	34.310

#1	-.00354	-.00061	-.00155	.00471	-.00823	.05722	.00106
#2	.00005	-.00153	-.00381	.00496	-.00352	.05470	.00219
#3	-.00021	-.00162	-.00028	.00542	-.00697	.07452	.00170

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00001	.12263	.00111	.00027	.02956	.19575
Stddev	.00005	.00005	.00256	.00024	.00037	.00047	.00072
%RSD	417.13	821.85	2.0859	21.504	137.37	1.5761	.36656

#1	.00005	.00005	.12373	.00089	.00002	.02977	.19500
#2	-.00002	-.00005	.12445	.00137	.00070	.02902	.19643
#3	-.00006	.00001	.11970	.00108	.00009	.02988	.19583

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00728	.20323	.00242	.00016	2.9054	-.00003	.08954
Stddev	.00004	.04891	.00031	.00068	.0330	.00032	.00046
%RSD	.55507	24.066	12.761	420.36	1.1342	971.79	.51292

#1	.00727	.19081	.00207	.00068	2.8680	-.00026	.08987
#2	.00725	.25715	.00252	.00041	2.9299	.00033	.08901
#3	.00732	.16173	.00266	-.00061	2.9184	-.00017	.08973

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26458	.00047	.00959	.03242	.50480	-.00048	-.00248
Stddev	.05109	.00031	.01269	.00315	.00214	.00020	.00262
%RSD	19.310	67.077	132.27	9.7019	.42356	41.393	105.49

#1	.23280	.00053	.00364	.02884	.50726	-.00059	-.00353
#2	.32352	.00013	.00098	.03476	.50337	-.00025	-.00441
#3	.23743	.00074	.02417	.03364	.50377	-.00060	.00050

Sample Name: K3956-01 Acquired: 7/24/2019 17:08:23 Type: Unk
Method: P4-ICP2(v3283) 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	-.00767	.0028	.00056	1.9031	F<.00000
Stddev	.00102	.0010	.00009	.4223	8.7959
%RSD	13.349	35.33	15.696	22.188	58.812
#1	-.00821	.0018	.00066	2.1691	-22.795
#2	-.00649	.0038	.00052	2.1240	-5.4437
#3	-.00832	.0028	.00050	1.4162	-16.629
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.4	25460.	1756.7	30.433	2133.1
Stddev	3.2	98.	15.9	.539	4.7
%RSD	.16104	.38588	.90511	1.7726	.22215
#1	1995.6	25386.	1741.0	31.002	2128.4
#2	1993.8	25572.	1772.8	29.930	2132.9
#3	2000.0	25422.	1756.4	30.366	2137.9

Sample Name: K3956-02 Acquired: 7/24/2019 17:12:51 Type: Unk
Method: P4-ICP2(v3283) 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	-.00131	-.00147	-.00051	.00238	-.00446	.07641	.00175
Stddev	.00135	.00211	.00053	.00216	.00241	.01696	.00071
%RSD	103.78	143.34	103.68	90.692	53.888	22.189	40.855

#1	-.00205	-.00094	-.00104	.00283	-.00613	.09592	.00249
#2	-.00212	-.00380	.00002	.00003	-.00556	.06812	.00168
#3	.00026	.00032	-.00052	.00427	-.00171	.06520	.00107

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00005	.17853	.00147	-.00004	.03803	.07629
Stddev	.00004	.00006	.03628	.00029	.00009	.00059	.00039
%RSD	135.78	107.36	20.320	20.040	244.57	1.5565	.51574

#1	.00004	.00004	.22041	.00134	.00006	.03802	.07621
#2	-.00001	.00000	.15846	.00126	-.00012	.03744	.07671
#3	.00006	.00011	.15673	.00180	-.00005	.03862	.07594

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00406	-.02238	.00238	-.00037	-.06426	-.00004	.11257
Stddev	.00002	.03541	.00029	.00003	.01131	.00029	.00036
%RSD	.47819	158.20	12.246	7.5547	17.597	735.05	.32218

#1	.00405	.01835	.00205	-.00034	-.05258	-.00019	.11260
#2	.00406	-.03968	.00260	-.00040	-.07516	-.00022	.11292
#3	.00409	-.04582	.00248	-.00038	-.06505	.00029	.11220

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	.00002	.06861	.02536	1.7090	-.00037	-.00541
Stddev	.05532	.00039	.00161	.00407	.0072	.00066	.00159
%RSD	7010.7	1624.2	2.3481	16.039	.41824	177.98	29.455

#1	-.06055	-.00043	.06855	.03004	1.7170	.00010	-.00724
#2	.01604	.00030	.06702	.02267	1.7033	-.00112	-.00430
#3	.04688	.00020	.07024	.02337	1.7066	-.00008	-.00470

Sample Name: K3956-02 Acquired: 7/24/2019 17:12:51 Type: Unk
 Method: P4-ICP2(v3283) 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	-.00788	.0008	.00046	1.5628	F<.00000
Stddev	.00239	.0018	.00006	.4566	3.3656
%RSD	30.287	218.3	12.221	29.215	26.581

#1	-.01064	-.0007	.00052	1.0725	-8.7758
#2	-.00656	.0003	.00041	1.9757	-14.641
#3	-.00645	.0028	.00047	1.6403	-14.569

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2007.0	25544.	1753.3	30.683	2122.1
Stddev	3.9	43.	9.6	.752	1.2
%RSD	.19351	.16932	.54527	2.4499	.05458

#1	2010.9	25560.	1764.4	30.814	2120.9
#2	2006.8	25495.	1748.5	31.361	2122.2
#3	2003.2	25576.	1747.2	29.875	2123.2

Sample Name: K3956-03 Acquired: 7/24/2019 17:17:18 Type: Unk
Method: P4-ICP2(v3283) 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	-.00007	-.00043	.00999	-.00169	-.00411	.07286	.00568
Stddev	.00108	.00075	.00040	.00169	.00185	.00517	.00088
%RSD	1642.9	175.60	3.9695	99.755	45.056	7.0972	15.476

#1	.00088	.00031	.01035	-.00129	-.00512	.06984	.00492
#2	.00015	-.00040	.01004	-.00354	-.00197	.06991	.00665
#3	-.00123	-.00120	.00957	-.00024	-.00524	.07883	.00547

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00183	.12273	.00063	.00101	.25949	.08419
Stddev	.00009	.00001	.02693	.00069	.00025	.00144	.00080
%RSD	153.13	.53757	21.940	107.96	24.695	.55309	.95078

#1	-.00002	.00183	.14018	.00088	.00118	.26114	.08356
#2	.00015	.00182	.09172	.00116	.00072	.25874	.08509
#3	.00003	.00184	.13628	-.00014	.00112	.25857	.08391

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04200	.04876	.01296	-.00016	.75253	-.00050	.15653
Stddev	.00037	.11510	.00060	.00093	.02844	.00056	.00065
%RSD	.88568	236.05	4.6290	588.33	3.7796	111.43	.41779

#1	.04219	.17499	.01327	-.00069	.72475	-.00024	.15726
#2	.04157	.02167	.01226	.00092	.75125	-.00114	.15599
#3	.04224	-.05037	.01333	-.00070	.78159	-.00012	.15633

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15951	.00036	-.00201	.00248	.47347	-.00160	-.00494
Stddev	.06334	.00015	.02101	.00356	.00486	.00017	.00115
%RSD	39.710	41.233	1046.9	143.63	1.0263	10.441	23.367

#1	.21122	.00028	.00586	-.00046	.47757	-.00152	-.00533
#2	.08886	.00026	-.02581	.00644	.46811	-.00149	-.00364
#3	.17846	.00053	.01393	.00147	.47475	-.00179	-.00584

Sample Name: K3956-03 Acquired: 7/24/2019 17:17:18 Type: Unk
 Method: P4-ICP2(v3283) 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	-.00887	.0014	.00023	1.9173	F<.00000
Stddev	.00160	.0012	.00008	.2781	4.0550
%RSD	18.058	85.80	32.882	14.507	22.927

#1	-.00747	.0005	.00017	1.5967	-13.205
#2	-.01062	.0009	.00032	2.0943	-21.103
#3	-.00854	.0028	.00020	2.0608	-18.752

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1980.5	25284.	1740.3	30.333	2092.6
Stddev	12.5	92.	10.9	1.548	11.0
%RSD	.62917	.36331	.62841	5.1044	.52791

#1	1966.6	25358.	1728.0	31.998	2081.5
#2	1990.8	25312.	1744.4	30.064	2103.5
#3	1984.1	25181.	1748.7	28.936	2092.9

Sample Name: K3969-01 Acquired: 7/24/2019 17:21:43 Type: Unk
 Method: P4-ICP2(v3283) 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	.07219	.00812	.54148	.04375	.00460	27.512	.66999	.00498
Stddev	.00593	.00099	.00051	.00392	.00214	.105	.00404	.00012
%RSD	8.2077	12.205	.09463	8.9493	46.484	.38200	.60284	2.3693

#1	.07145	.00738	.54103	.04786	.00596	27.632	.67221	.00488
#2	.06667	.00924	.54137	.04006	.00571	27.471	.67244	.00511
#3	.07845	.00773	.54203	.04333	.00214	27.434	.66533	.00494

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00478	161.90	.15845	.04962	1.1490	224.79	2.5897	17.147
Stddev	.00020	.76	.00020	.00068	.0029	1.58	.0050	.178
%RSD	4.1712	.47082	.12571	1.3633	.25634	.70341	.19389	1.0393

#1	-.00485	161.74	.15864	.04904	1.1523	226.62	2.5922	17.250
#2	-.00493	161.24	.15848	.04947	1.1470	223.89	2.5929	17.249
#3	-.00455	162.73	.15824	.05036	1.1475	223.87	2.5839	16.941

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32962	-.01169	79.899	.07604	.50508	31.809	.01417	.28015
Stddev	.00048	.00063	.502	.00101	.00144	.150	.00050	.00940
%RSD	.14427	5.3925	.62835	1.3344	.28423	.47055	3.5479	3.3542

#1	.33016	-.01181	80.138	.07694	.50601	31.875	.01402	.27499
#2	.32928	-.01101	80.237	.07494	.50581	31.915	.01377	.27447
#3	.32942	-.01225	79.322	.07626	.50343	31.638	.01473	.29100

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 54.384	F 35.526	.02591	1.3198	.04283	1.000	1.2807	1.5392
Stddev	.112	.311	.00283	.0057	.00120	.003	.0079	.0296
%RSD	.20598	.87523	10.925	.43520	2.8013	.3345	.61535	1.9217

#1	54.376	35.440	.02855	1.3169	.04377	1.002	1.2755	1.5216
#2	54.500	35.267	.02292	1.3162	.04148	1.002	1.2768	1.5226
#3	54.276	35.871	.02627	1.3265	.04324	.9966	1.2898	1.5733

Sample Name: K3969-01 Acquired: 7/24/2019 17:21:43 Type: Unk
Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 122.38
Stddev 4.55
%RSD 3.7140

#1 127.57
#2 119.13
#3 120.44

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.7	24735.	1796.3	28.406	1837.5
Stddev	7.2	90.	14.4	1.369	4.6
%RSD	.36797	.36499	.80266	4.8196	.25049

#1	1953.6	24653.	1797.9	28.069	1833.0
#2	1964.1	24719.	1809.8	27.238	1837.3
#3	1967.5	24832.	1781.1	29.913	1842.2

Sample Name: K3618-07 Acquired: 7/24/2019 17:26:03 Type: Unk
Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00335	.00153	.44750	.06637	.00401	254.26	1.2445	.01903
Stddev	.00288	.00010	.00197	.00357	.00362	.54	.0048	.00026
%RSD	86.129	6.7657	.44042	5.3839	90.091	.21146	.38593	1.3797
#1	.00096	.00154	.44778	.06836	.00522	254.33	1.2483	.01925
#2	.00655	.00163	.44541	.06225	.00687	254.76	1.2461	.01874
#3	.00254	.00143	.44932	.06851	-.00005	253.69	1.2391	.01910
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01343	69.381	.27818	.30676	.72944	377.24	9.6565	91.474
Stddev	.00034	.305	.00016	.00138	.00294	2.50	.0319	.507
%RSD	2.5390	.44003	.05840	.45008	.40262	.66274	.33022	.55418
#1	.01323	69.189	.27825	.30579	.72684	380.10	9.6197	91.512
#2	.01382	69.221	.27829	.30834	.72885	375.44	9.6741	91.960
#3	.01322	69.733	.27799	.30614	.73263	376.19	9.6757	90.948
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31048	-.03283	27.869	.82606	1.2080	16.007	.00717	.33924
Stddev	.00094	.00058	.069	.00377	.0011	.089	.00013	.00886
%RSD	.30118	1.7663	.24694	.45588	.09312	.55625	1.8690	2.6120
#1	.30941	-.03283	27.873	.82649	1.2071	16.015	.00704	.32918
#2	.31116	-.03225	27.935	.82210	1.2093	16.092	.00730	.34590
#3	.31087	-.03341	27.798	.82959	1.2077	15.914	.00716	.34265
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3872	3.0873	.03337	5.7045	.20746	9.014	.06722	<.00000
Stddev	.0084	.0613	.00080	.0099	.00075	.034	.00474	.70018
%RSD	.35057	1.9859	2.3872	.17381	.35944	.3768	7.0456	3.9752
#1	2.3953	3.1538	.03255	5.7015	.20685	9.000	.06220	-18.414
#2	2.3875	3.0750	.03343	5.6964	.20724	9.053	.06787	-17.316
#3	2.3786	3.0331	.03414	5.7155	.20829	8.989	.07160	-17.112

Sample Name: K3618-07 Acquired: 7/24/2019 17:26:03 Type: Unk
 Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 537.04
 Stddev 7.85
 %RSD 1.4612

#1 546.08
 #2 532.07
 #3 532.96

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2619.3	32787.	2407.8	28.025	1742.6
Stddev	7.2	33.	19.2	.594	1.8
%RSD	.27388	.10132	.79649	2.1198	.10508

#1	2622.5	32759.	2416.7	27.386	1743.3
#2	2624.3	32824.	2421.0	28.561	1744.0
#3	2611.1	32777.	2385.8	28.128	1740.5

Sample Name: K3618-07DUP Acquired: 7/24/2019 17:30:37 Type: Unk
Method: P4-ICP2(v3283) 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	.00440	.00769	.44215	.06651	.00604	251.58	1.2337	.01886
Stddev	.00330	.00276	.00086	.00255	.00279	.59	.0061	.00044
%RSD	75.124	35.886	.19495	3.8353	46.230	.23365	.49361	2.3547
#1	.00648	.01075	.44176	.06474	.00483	250.92	1.2282	.01927
#2	.00059	.00541	.44314	.06535	.00406	252.02	1.2402	.01839
#3	.00613	.00690	.44155	.06943	.00924	251.82	1.2326	.01892
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01360	69.269	.27957	.30702	.73086	377.00	9.7126	91.233
Stddev	.00015	.518	.00362	.00028	.00351	.89	.0143	.391
%RSD	1.0785	.74854	1.2934	.09135	.48037	.23607	.14711	.42804
#1	.01366	68.804	.28375	.30686	.73491	376.06	9.7187	90.783
#2	.01343	69.175	.27744	.30734	.72891	377.11	9.7228	91.437
#3	.01371	69.828	.27753	.30685	.72876	377.83	9.6962	91.479
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30835	-.03203	27.707	.82084	1.2139	15.751	.00735	.33237
Stddev	.00170	.00065	.082	.00661	.0009	.083	.00048	.01595
%RSD	.55112	2.0156	.29544	.80535	.07659	.52699	6.4840	4.8003
#1	.30857	-.03243	27.645	.82842	1.2134	15.845	.00759	.35070
#2	.30655	-.03237	27.800	.81780	1.2150	15.688	.00680	.32158
#3	.30992	-.03128	27.676	.81630	1.2133	15.720	.00765	.32484
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3760	2.2504	.03394	5.6523	.20333	8.961	.04084	<.00000
Stddev	.0072	.0378	.00158	.0233	.00091	.014	.00301	.14081
%RSD	.30462	1.6801	4.6545	.41211	.44979	.1555	7.3599	.81743
#1	2.3714	2.2072	.03300	5.6286	.20254	8.959	.03802	-17.339
#2	2.3722	2.2665	.03307	5.6533	.20313	8.976	.04050	-17.270
#3	2.3843	2.2774	.03577	5.6751	.20434	8.949	.04401	-17.068

Sample Name: K3618-07DUP Acquired: 7/24/2019 17:30:37 Type: Unk
 Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 537.22
Stddev	4.39
%RSD	.81774

#1	540.98
#2	538.27
#3	532.39

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2617.3	32835.	2407.7	27.192	1743.4
Stddev	4.6	45.	11.2	.987	3.3
%RSD	.17545	.13835	.46337	3.6312	.18697

#1	2613.0	32819.	2411.8	26.362	1742.7
#2	2616.7	32800.	2416.2	26.931	1740.5
#3	2622.1	32886.	2395.1	28.284	1746.9

Sample Name: PB121674BL Acquired: 7/24/2019 17:40:21 Type: Unk
Method: P4-ICP2(v3283) 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	.00025	-.00183	.00228	.00342	-.00389	-.00850	-.00012
Stddev	.00088	.00085	.00105	.00157	.00175	.00919	.00053
%RSD	356.93	46.328	45.889	45.803	44.938	108.14	459.41

#1	.00050	-.00181	.00349	.00439	-.00584	.00184	-.00043
#2	-.00073	-.00099	.00165	.00161	-.00334	-.01160	.00049
#3	.00097	-.00268	.00171	.00426	-.00248	-.01574	-.00041

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00005	-.00920	.00001	.00007	-.00023	.00353
Stddev	.00008	.00010	.01682	.00056	.00006	.00042	.00094
%RSD	308.08	199.91	182.78	9556.6	86.236	182.55	26.771

#1	.00003	-.00010	-.00316	-.00052	.00014	.00023	.00456
#2	.00011	-.00012	.00376	-.00006	.00004	-.00059	.00332
#3	-.00006	.00007	-.02821	.00060	.00003	-.00034	.00270

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.04041	-.00062	-.00011	.00680	-.00011	-.00039
Stddev	.00004	.07220	.00027	.00016	.01285	.00078	.00007
%RSD	54.857	178.64	43.497	150.41	189.01	675.98	17.294

#1	.00004	.01240	-.00092	.00007	-.00495	.00017	-.00032
#2	.00007	-.01357	-.00043	-.00026	.00483	.00048	-.00045
#3	.00011	.12242	-.00050	-.00014	.02052	-.00099	-.00040

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03360	-.00024	.00688	F .01748	.00162	-.00008	-.00284
Stddev	.04193	.00057	.00804	.00313	.00216	.00072	.00058
%RSD	124.82	232.33	116.78	17.902	133.23	850.73	20.513

#1	-.07532	.00014	-.00201	.02109	.00098	.00057	-.00337
#2	-.03402	-.00089	.01362	.01579	.00404	-.00086	-.00293
#3	.00855	.00002	.00904	.01556	-.00014	.00004	-.00221

Sample Name: PB121674BL Acquired: 7/24/2019 17:40:21 Type: Unk
 Method: P4-ICP2(v3283) 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	-.00578	-.0010	-.00005	F 3.0420	F<.00000
Stddev	.00083	.0034	.00002	.0659	4.7275
%RSD	14.321	344.5	50.767	2.1664	36.189

#1	-.00544	.0021	-.00005	3.0400	-17.155
#2	-.00672	-.0047	-.00007	3.1089	-7.8880
#3	-.00517	-.0004	-.00002	2.9771	-14.146

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.0	25148.	1769.1	28.423	2056.4
Stddev	6.9	51.	8.6	.647	8.8
%RSD	.34876	.20327	.48691	2.2773	.42775

#1	1968.1	25179.	1767.5	28.457	2047.0
#2	1979.3	25089.	1761.3	27.759	2064.4
#3	1980.7	25175.	1778.3	29.052	2057.9

Sample Name: PB121677BL Acquired: 7/24/2019 17:44:50 Type: Unk
Method: P4-ICP2(v3283) 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	-.00032	-.00206	.00211	.00341	-.00425	.00018	-.00015
Stddev	.00095	.00172	.00141	.00460	.00028	.01700	.00060
%RSD	292.69	83.487	66.849	135.09	6.4923	9291.3	401.57

#1	.00067	-.00127	.00298	.00047	-.00401	-.01274	-.00081
#2	-.00121	-.00404	.00048	.00871	-.00419	.01944	-.00000
#3	-.00043	-.00088	.00287	.00104	-.00455	-.00615	.00037

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00008	.00853	-.00027	.00007	-.00056	.00108
Stddev	.00010	.00023	.02504	.00016	.00013	.00069	.00069
%RSD	1321.9	277.87	293.70	59.064	185.91	122.37	64.486

#1	.00004	-.00034	.03470	-.00046	-.00005	-.00132	.00173
#2	-.00010	.00005	.00609	-.00019	.00020	.00004	.00115
#3	.00008	.00004	-.01521	-.00017	.00005	-.00041	.00035

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00032	-.00108	-.00041	-.02135	-.00034	-.00051
Stddev	.00004	.08456	.00062	.00031	.00528	.00028	.00021
%RSD	245.47	26073.	56.909	76.457	24.733	83.015	40.298

#1	.00002	-.05822	-.00052	-.00076	-.01535	-.00039	-.00030
#2	-.00005	-.03808	-.00100	-.00031	-.02527	-.00003	-.00051
#3	-.00001	.09727	-.00174	-.00016	-.02344	-.00059	-.00071

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00807	.00011	-.00709	F .01594	.00531	-.00043	-.00366
Stddev	.02275	.00032	.01254	.00722	.00167	.00051	.00070
%RSD	281.88	278.22	176.84	45.326	31.540	117.21	19.081

#1	-.00724	-.00025	-.02105	.01664	.00473	-.00049	-.00289
#2	.03421	.00028	-.00343	.02279	.00719	.00010	-.00383
#3	-.00276	.00031	.00321	.00839	.00400	-.00091	-.00426

Sample Name: PB121677BL Acquired: 7/24/2019 17:44:50 Type: Unk
 Method: P4-ICP2(v3283) 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	-.00364	-.0014	-.00005	F 3.1796	F<.00000
Stddev	.00562	.0011	.00014	.0745	4.9819
%RSD	154.31	77.43	270.44	2.3426	45.685

#1	-.00945	-.0002	-.00017	3.1141	-8.4364
#2	.00177	-.0020	.00010	3.1641	-7.6391
#3	-.00324	-.0021	-.00009	3.2606	-16.639

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1958.3	25038.	1753.5	30.094	2040.1
Stddev	3.2	139.	12.8	.863	3.6
%RSD	.16132	.55327	.73231	2.8683	.17626

#1	1954.6	24908.	1741.3	29.698	2039.4
#2	1959.9	25021.	1752.4	29.500	2037.0
#3	1960.3	25184.	1766.9	31.084	2044.0

Sample Name: K3618-07LX5 Acquired: 7/24/2019 17:49:18 Type: Unk
Method: P4-ICP2(v3283) 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	.00208	.00240	.07692	.02717	-.00152	62.629	.30838	.00490
Stddev	.00200	.00155	.00193	.00042	.00172	.303	.00391	.00015
%RSD	96.583	64.602	2.5074	1.5575	112.63	.48342	1.2667	2.9647

#1	.00432	.00070	.07686	.02752	-.00341	62.398	.30461	.00477
#2	.00048	.00375	.07889	.02670	-.00110	62.972	.31241	.00505
#3	.00142	.00276	.07503	.02729	-.00006	62.517	.30812	.00487

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00329	18.094	.07177	.05860	.19372	118.65	2.6333	23.171
Stddev	.00013	.059	.00098	.00028	.00027	.62	.0041	.319
%RSD	3.9521	.32415	1.3628	.48426	.14095	.52209	.15539	1.3769

#1	-.00328	18.048	.07260	.05840	.19394	118.65	2.6289	22.863
#2	-.00342	18.160	.07200	.05847	.19342	119.27	2.6370	23.500
#3	-.00316	18.073	.07069	.05892	.19381	118.03	2.6340	23.152

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05775	-.00560	6.7242	.21199	.22016	3.7226	.00198	.11900
Stddev	.00069	.00085	.0392	.00133	.00022	.0655	.00055	.01521
%RSD	1.1933	15.200	.58341	.62605	.10203	1.7606	27.875	12.779

#1	.05714	-.00641	6.6871	.21266	.21992	3.6496	.00207	.10145
#2	.05850	-.00471	6.7653	.21285	.22036	3.7420	.00139	.12805
#3	.05761	-.00569	6.7201	.21046	.22021	3.7763	.00249	.12752

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46804	.52071	.00723	1.4444	.04513	1.715	-.01084	<.00000
Stddev	.00123	.00572	.00014	.0062	.00173	.004	.00085	.21487
%RSD	.26301	1.0990	1.9803	.42703	3.8295	.2424	7.8153	27.278

#1	.46914	.52240	.00733	1.4373	.04647	1.719	-.01058	-.75809
#2	.46828	.51434	.00707	1.4484	.04318	1.711	-.01178	-.58915
#3	.46671	.52540	.00730	1.4475	.04574	1.717	-.01015	-1.0158

Sample Name: K3618-07LX5 Acquired: 7/24/2019 17:49:18 Type: Unk
 Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 71.331
 Stddev 2.275
 %RSD 3.1893

#1 68.922
 #2 71.629
 #3 73.443

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2119.2	26869.	1902.3	27.971	1958.6
Stddev	2.6	119.	3.9	.698	1.6
%RSD	.12131	.44160	.20496	2.4970	.08170

#1	2119.2	26955.	1898.0	28.631	1959.6
#2	2116.7	26733.	1905.7	27.240	1956.8
#3	2121.8	26918.	1903.1	28.042	1959.5

Sample Name: K3618-07MS Acquired: 7/24/2019 17:53:45 Type: Unk
Method: P4-ICP2(v3283) 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	.58196	2.0852	1.5137	1.5214	.62014	251.75	1.3782	.17670
Stddev	.00342	.0008	.0055	.0088	.00397	1.45	.0082	.00057
%RSD	.58722	.03944	.36121	.57567	.64041	.57439	.59334	.32215
#1	.58481	2.0857	1.5197	1.5296	.61601	250.09	1.3691	.17681
#2	.58290	2.0843	1.5122	1.5224	.62050	252.78	1.3848	.17720
#3	.57817	2.0856	1.5091	1.5122	.62392	252.36	1.3808	.17608
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22657	70.576	.58876	.52936	.94586	377.84	9.8585	92.364
Stddev	.00020	.120	.00116	.00057	.00501	.61	.0554	.568
%RSD	.08757	.17003	.19711	.10743	.52996	.16203	.56159	.61500
#1	.22679	70.648	.58822	.52999	.95011	378.34	9.8892	91.770
#2	.22641	70.438	.59009	.52889	.94033	377.16	9.8918	92.902
#3	.22650	70.644	.58797	.52921	.94715	378.04	9.7946	92.421
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85215	.02482	29.968	1.0522	1.3334	23.819	.30422	.56530
Stddev	.00069	.00020	.182	.0022	.0063	.158	.00013	.00925
%RSD	.08085	.78911	.60784	.20821	.47646	.66520	.04365	1.6371
#1	.85294	.02497	29.773	1.0496	1.3400	23.656	.30437	.56363
#2	.85166	.02460	30.133	1.0535	1.3273	23.972	.30417	.57528
#3	.85186	.02488	29.998	1.0534	1.3329	23.830	.30412	.55699
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3755	1.9483	.81743	5.8572	.37036	F 15.53	.18974	<.00000
Stddev	.0099	.0187	.00122	.0240	.00349	.06	.00054	.53888
%RSD	.41562	.96227	.14934	.40944	.94102	.4077	.28374	3.2225
#1	2.3857	1.9700	.81826	5.8530	.36944	15.60	.19027	-17.338
#2	2.3750	1.9377	.81799	5.8356	.36742	15.49	.18919	-16.494
#3	2.3659	1.9374	.81602	5.8830	.37421	15.50	.18974	-16.335

Sample Name: K3618-07MS Acquired: 7/24/2019 17:53:45 Type: Unk
 Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 551.57
 Stddev 4.81
 %RSD .87297

#1 552.57
 #2 555.80
 #3 546.33

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2619.9	32842.	2374.0	28.483	1744.8
Stddev	7.7	27.	16.5	1.211	6.4
%RSD	.29203	.08227	.69579	4.2520	.36953

#1	2618.1	32817.	2355.8	27.111	1740.6
#2	2628.3	32839.	2388.1	29.404	1752.2
#3	2613.3	32871.	2378.0	28.934	1741.6

Sample Name: CCV04 Acquired: 7/24/2019 17:58:12 Type: Unk
Method: P4-ICP2(v3283) 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	4.7813	4.7819	4.7863	4.8477	4.8947	9.4238	9.6855
Stddev	.0035	.0113	.0130	.0075	.0105	.0418	.0775
%RSD	.07391	.23602	.27138	.15376	.21445	.44368	.80052

#1	4.7777	4.7695	4.7716	4.8410	4.8937	9.4096	9.6291
#2	4.7815	4.7917	4.7961	4.8464	4.8847	9.3909	9.6534
#3	4.7848	4.7843	4.7912	4.8557	4.9057	9.4709	9.7739

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24679	2.3804	24.252	1.0067	2.4065	1.2025	4.9366
Stddev	.00044	.0047	.280	.0007	.0067	.0035	.0134
%RSD	.17974	.19909	1.1540	.06919	.28010	.29469	.27221

#1	.24665	2.3750	24.058	1.0059	2.3988	1.2017	4.9419
#2	.24643	2.3840	24.124	1.0071	2.4111	1.1994	4.9213
#3	.24729	2.3821	24.573	1.0071	2.4097	1.2064	4.9465

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3511	24.385	2.3968	1.2035	24.096	2.4400	2.3914
Stddev	.0001	.415	.0047	.0015	.208	.0109	.0049
%RSD	.00297	1.7006	.19501	.12095	.86238	.44562	.20475

#1	2.3510	24.186	2.3926	1.2052	23.930	2.4468	2.3858
#2	2.3511	24.108	2.3960	1.2026	24.028	2.4275	2.3949
#3	2.3510	24.862	2.4019	1.2027	24.329	2.4458	2.3934

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.554	4.7660	4.6738	4.8327	4.7313	4.8369	4.7759
Stddev	.269	.0115	.0768	.0198	.0346	.0134	.0204
%RSD	1.1410	.24058	1.6436	.41036	.73181	.27735	.42800

#1	23.540	4.7612	4.6184	4.8116	4.7527	4.8277	4.7642
#2	23.293	4.7578	4.6415	4.8510	4.7499	4.8308	4.7640
#3	23.830	4.7791	4.7614	4.8354	4.6913	4.8523	4.7995

Sample Name: CCV04 Acquired: 7/24/2019 17:58:12 Type: Unk
Method: P4-ICP2(v3283) 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	4.5861	4.844	F 4.0261	5.0110	F<.00000
Stddev	.0072	.016	.0064	.0690	4.2776
%RSD	.15728	.3194	.15935	1.3767	41.231
#1	4.5856	4.833	4.0196	5.0893	-13.418
#2	4.5936	4.861	4.0324	4.9593	-5.4839
#3	4.5792	4.836	4.0263	4.9843	-12.223
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1936.8	24612.	1753.1	27.313	1908.4
Stddev	6.0	24.	15.5	.920	1.4
%RSD	.30748	.09591	.88622	3.3681	.07267
#1	1935.8	24585.	1744.9	26.284	1909.1
#2	1943.2	24619.	1743.5	27.598	1909.4
#3	1931.4	24631.	1771.1	28.057	1906.9

Sample Name: CCB04 Acquired: 7/24/2019 18:02:10 Type: Unk
Method: P4-ICP2(v3283) 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	-.00024	-.00098	.00108	.00525	-.00262	-.01238	.00014	.00008
Stddev	.00469	.00098	.00151	.00184	.00359	.01827	.00126	.00009
%RSD	1941.8	100.03	139.50	35.103	136.86	147.53	876.56	112.00

#1	-.00332	-.00209	-.00062	.00665	.00123	-.02354	.00030	.00017
#2	-.00256	-.00019	.00225	.00595	-.00323	-.02230	.00132	-.00002
#3	.00515	-.00067	.00160	.00316	-.00587	.00870	-.00118	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00300	-.00028	.00032	-.00016	.00404	.00010	.08683
Stddev	.00003	.01735	.00049	.00018	.00040	.00056	.00004	.03258
%RSD	100.32	579.01	173.90	55.556	243.53	13.834	36.879	37.526

#1	.00005	.02066	-.00021	.00019	-.00034	.00452	.00013	.05220
#2	-.00000	-.01403	.00017	.00026	-.00044	.00418	.00006	.11688
#3	.00005	.00236	-.00081	.00053	.00029	.00342	.00010	.09141

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00065	-.00022	-.04377	-.00032	-.00037	-.03618	.00122	.01874
Stddev	.00058	.00040	.02036	.00049	.00012	.08896	.00032	.00943
%RSD	88.236	182.59	46.512	153.93	31.342	245.86	26.369	50.293

#1	-.00090	.00004	-.02763	-.00035	-.00032	.06551	.00146	.02815
#2	.00001	-.00002	-.06665	-.00079	-.00050	-.07450	.00135	.01879
#3	-.00107	-.00067	-.03704	.00019	-.00029	-.09956	.00085	.00929

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01559	.00334	.00057	-.00331	-.00279	-.0012	.00021	3.0029
Stddev	.00272	.00233	.00145	.00156	.00091	.0003	.00004	.3241
%RSD	17.445	69.613	251.89	47.062	32.534	28.43	19.710	10.793

#1	.01379	.00545	-.00101	-.00400	-.00295	-.0009	.00022	3.2765
#2	.01872	.00372	.00183	-.00152	-.00182	-.0015	.00016	3.0873
#3	.01427	.00085	.00090	-.00440	-.00362	-.0010	.00024	2.6449

Sample Name: CCB04 Acquired: 7/24/2019 18:02:10 Type: Unk
Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	5.7237
%RSD	53.566

#1	-12.617
#2	-15.193
#3	-4.2457

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.4	25010.	1765.0	29.780	2060.2
Stddev	19.2	25.	11.6	.899	20.7
%RSD	.96985	.09910	.65556	3.0174	1.0060

#1	1958.1	25003.	1751.8	30.775	2039.9
#2	1974.6	24990.	1770.0	29.027	2059.3
#3	1996.3	25038.	1773.3	29.539	2081.3

Sample Name: K3618-07MSD Acquired: 7/24/2019 18:06:38 Type: Unk
Method: P4-ICP2(v3283) 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	.52694	1.9007	1.4251	1.3676	.56859	255.07	1.3860	.16238
Stddev	.00504	.0048	.0018	.0040	.00242	.99	.0038	.00015
%RSD	.95726	.25094	.12601	.29643	.42475	.38839	.27528	.09282
#1	.52113	1.9061	1.4232	1.3685	.57064	254.11	1.3823	.16226
#2	.52949	1.8974	1.4252	1.3710	.56919	256.09	1.3899	.16255
#3	.53019	1.8984	1.4267	1.3631	.56593	255.00	1.3859	.16233
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20762	70.841	.56017	.51020	.92700	379.19	9.8943	93.119
Stddev	.00060	.448	.00203	.00153	.00272	2.29	.0327	.506
%RSD	.28725	.63297	.36186	.30059	.29373	.60506	.33070	.54339
#1	.20825	70.449	.55974	.51074	.92904	377.68	9.9314	92.606
#2	.20706	71.330	.56238	.51138	.92804	381.83	9.8814	93.618
#3	.20755	70.746	.55839	.50847	.92391	378.05	9.8699	93.134
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80604	.01970	30.106	1.0299	1.3242	23.343	.27786	.53945
Stddev	.00071	.00088	.180	.0033	.0048	.163	.00072	.01768
%RSD	.08775	4.4638	.59726	.32049	.36380	.69658	.25798	3.2783
#1	.80686	.01887	29.957	1.0313	1.3279	23.277	.27790	.52704
#2	.80568	.02062	30.306	1.0261	1.3259	23.528	.27856	.53161
#3	.80559	.01959	30.055	1.0321	1.3188	23.224	.27713	.55970
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3943	1.9610	.74761	5.8495	.35493	F 15.05	.18898	<.00000
Stddev	.0159	.0093	.00431	.0306	.00290	.06	.00215	.42467
%RSD	.66315	.47403	.57594	.52219	.81733	.4012	1.1377	2.4165
#1	2.3934	1.9612	.74636	5.8161	.35382	15.08	.18651	-17.356
#2	2.4107	1.9702	.75240	5.8760	.35823	15.10	.19042	-18.063
#3	2.3790	1.9516	.74406	5.8563	.35276	14.98	.19002	-17.302

Sample Name: K3618-07MSD Acquired: 7/24/2019 18:06:38 Type: Unk
 Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 550.38
 Stddev 1.95
 %RSD .35362

#1 552.25
 #2 548.36
 #3 550.54

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2614.5	32743.	2387.8	27.351	1736.9
Stddev	10.0	115.	11.5	.730	9.1
%RSD	.38403	.35232	.48322	2.6697	.52138

#1	2606.1	32802.	2394.7	27.826	1731.1
#2	2611.9	32610.	2374.5	27.718	1732.3
#3	2625.6	32816.	2394.2	26.511	1747.4

Sample Name: K3618-07A Acquired: 7/24/2019 18:11:06 Type: Unk
Method: P4-ICP2(v3283) 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	.55776	1.9919	1.4771	1.4455	.59991	252.95	1.3827	.16996
Stddev	.00187	.0013	.0050	.0123	.00303	.90	.0012	.00063
%RSD	.33588	.06705	.33690	.84773	.50465	.35491	.08527	.37268
#1	.55573	1.9920	1.4821	1.4574	.60189	252.03	1.3823	.17051
#2	.55811	1.9932	1.4722	1.4462	.60141	253.82	1.3840	.17010
#3	.55942	1.9905	1.4769	1.4330	.59642	253.00	1.3817	.16927
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21820	70.136	.57669	.52124	.92943	378.93	9.8522	92.744
Stddev	.00045	.504	.00062	.00149	.00726	3.04	.0239	.229
%RSD	.20847	.71814	.10703	.28644	.78166	.80333	.24274	.24690
#1	.21863	70.569	.57671	.52242	.93199	381.23	9.8523	92.630
#2	.21772	69.583	.57606	.52173	.92123	380.08	9.8282	93.007
#3	.21826	70.256	.57730	.51956	.93507	375.48	9.8760	92.593
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83046	.02262	30.021	1.0433	1.3239	23.498	.29212	.56213
Stddev	.00054	.00087	.058	.0020	.0127	.105	.00141	.01549
%RSD	.06512	3.8536	.19162	.18986	.96342	.44718	.48190	2.7554
#1	.83096	.02344	29.985	1.0452	1.3279	23.457	.29260	.55226
#2	.82988	.02270	30.087	1.0413	1.3097	23.617	.29322	.57998
#3	.83055	.02171	29.990	1.0432	1.3342	23.420	.29054	.55414
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3848	1.9503	.78095	5.8175	.36400	F 15.28	.18694	<.00000
Stddev	.0067	.0197	.00198	.0139	.00115	.06	.00580	.20134
%RSD	.28112	1.0103	.25368	.23898	.31600	.3924	3.1013	1.1843
#1	2.3837	1.9617	.78249	5.8178	.36481	15.34	.18503	-16.851
#2	2.3787	1.9275	.78164	5.8034	.36268	15.22	.18234	-17.229
#3	2.3920	1.9616	.77872	5.8312	.36450	15.28	.19345	-16.921

Sample Name: K3618-07A Acquired: 7/24/2019 18:11:06 Type: Unk
Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 551.95
Stddev 5.14
%RSD .93041

#1 554.13
#2 555.63
#3 546.08

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2629.3	32812.	2395.5	27.810	1747.1
Stddev	20.5	104.	18.1	1.087	16.5
%RSD	.78045	.31751	.75389	3.9084	.94382

#1	2621.8	32719.	2379.4	26.604	1740.8
#2	2652.5	32793.	2415.0	28.114	1765.8
#3	2613.5	32924.	2392.1	28.713	1734.7

Sample Name: K3934-03 Acquired: 7/24/2019 18:15:34 Type: Unk
Method: P4-ICP2(v3283) 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	.04817	.00373	2.3402	.05652	.01081	124.99	.90800	.01100
Stddev	.00301	.00084	.0082	.00396	.00082	1.19	.00616	.00006
%RSD	6.2582	22.559	.34853	7.0031	7.6077	.95579	.67821	.57625
#1	.04584	.00375	2.3310	.05281	.01054	124.30	.90566	.01094
#2	.04709	.00456	2.3429	.05605	.01015	124.29	.90336	.01107
#3	.05158	.00288	2.3466	.06068	.01173	126.37	.91499	.01100
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	74.108	.18794	.13545	.82823	245.01	4.1352	57.404
Stddev	.00022	.217	.00043	.00024	.00203	.43	.0135	.312
%RSD	285.38	.29295	.22791	.17728	.24473	.17710	.32733	.54377
#1	-.00033	73.890	.18784	.13521	.82718	244.53	4.1199	57.551
#2	.00005	74.110	.18841	.13569	.82694	245.13	4.1456	57.046
#3	.00005	74.324	.18757	.13545	.83056	245.38	4.1402	57.616
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30208	-.01428	7.9445	.32842	1.5539	19.900	.01177	.10571
Stddev	.00055	.00032	.0492	.00020	.0039	.108	.00033	.03256
%RSD	.18192	2.2597	.61947	.06022	.24945	.54299	2.8196	30.798
#1	.30229	-.01445	7.9214	.32820	1.5494	19.861	.01192	.13617
#2	.30146	-.01449	7.9111	.32848	1.5558	19.818	.01139	.07140
#3	.30250	-.01391	8.0010	.32859	1.5564	20.023	.01201	.10956
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.328	1.8137	.14646	3.6735	.23891	F 10.56	.07556	<.00000
Stddev	.024	.0173	.00134	.0083	.00382	.00	.00035	.16456
%RSD	.16876	.95330	.91528	.22461	1.6010	.0457	.46910	2.1187
#1	14.311	1.8123	.14687	3.6661	.23499	10.56	.07516	-7.5804
#2	14.319	1.8317	.14754	3.6719	.23911	10.56	.07584	-7.8293
#3	14.356	1.7972	.14496	3.6824	.24263	10.57	.07568	-7.8913

Sample Name: K3934-03 Acquired: 7/24/2019 18:15:34 Type: Unk
Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 223.66
Stddev 5.29
%RSD 2.3645

#1 223.08
#2 218.69
#3 229.22

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2344.4	29641.	2159.7	28.931	1896.2
Stddev	6.6	78.	12.5	.714	5.6
%RSD	.28166	.26396	.57908	2.4670	.29646

#1	2352.0	29725.	2156.9	28.358	1902.5
#2	2339.9	29629.	2148.8	28.704	1894.1
#3	2341.4	29570.	2173.3	29.730	1891.9

Sample Name: K3934-07 Acquired: 7/24/2019 18:20:00 Type: Unk
Method: P4-ICP2(v3283) 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	.13461	.00443	27.825	.05024	.21353	96.097	3.2194	.00939
Stddev	.00137	.00304	.173	.00327	.00281	.307	.0111	.00012
%RSD	1.0160	68.702	.62351	6.5045	1.3149	.31950	.34415	1.3021
#1	.13348	.00542	27.978	.05097	.21607	96.018	3.2184	.00953
#2	.13423	.00685	27.861	.05307	.21401	95.838	3.2088	.00931
#3	.13613	.00101	27.637	.04666	.21052	96.436	3.2309	.00933
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00603	273.67	.23155	.09671	21.685	215.06	3.8339	42.339
Stddev	.00011	.79	.00142	.00069	.067	.06	.0142	.142
%RSD	1.8338	.28877	.61204	.71388	.31066	.02867	.36929	.33429
#1	.00614	274.59	.23240	.09751	21.755	215.03	3.8440	42.206
#2	.00592	273.25	.23234	.09636	21.680	215.13	3.8178	42.488
#3	.00603	273.19	.22992	.09627	21.621	215.02	3.8400	42.325
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21817	-.00304	8.3746	.33379	4.6960	16.261	.00761	.07150
Stddev	.00123	.00002	.0210	.00207	.0310	.076	.00049	.00467
%RSD	.56251	.57771	.25102	.62078	.65950	.46667	6.4889	6.5312
#1	.21947	-.00306	8.3722	.33557	4.7207	16.274	.00815	.07099
#2	.21800	-.00304	8.3967	.33429	4.7061	16.329	.00748	.06710
#3	.21704	-.00302	8.3549	.33151	4.6612	16.179	.00719	.07640
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.488	2.1901	5.3926	3.4372	.15826	F 12.69	.64824	<.00000
Stddev	.020	.0268	.0321	.0102	.00177	.01	.00448	.17477
%RSD	.19114	1.2227	.59540	.29672	1.1214	.0975	.69064	4.1886
#1	10.477	2.2162	5.4205	3.4385	.16003	12.70	.65341	-4.3675
#2	10.511	2.1914	5.3999	3.4467	.15648	12.71	.64555	-4.0300
#3	10.475	2.1627	5.3575	3.4264	.15827	12.68	.64576	-4.1198

Sample Name: K3934-07 Acquired: 7/24/2019 18:20:00 Type: Unk
 Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 167.47
 Stddev 6.73
 %RSD 4.0165

#1 171.10
 #2 171.61
 #3 159.71

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.2	28421.	2086.1	29.617	1851.2
Stddev	8.4	81.	14.7	.511	11.5
%RSD	.38268	.28595	.70588	1.7268	.62004

#1	2186.9	28340.	2069.5	29.453	1840.0
#2	2198.2	28503.	2091.2	29.207	1850.8
#3	2203.4	28420.	2097.6	30.190	1862.9

Sample Name: K3934-11 Acquired: 7/24/2019 18:24:17 Type: Unk
Method: P4-ICP2(v3283) 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	.03248	.00621	.64270	.05040	.00298	131.67	.62648	.01093
Stddev	.00418	.00215	.00210	.00105	.00183	.78	.00410	.00013
%RSD	12.876	34.607	.32742	2.0865	61.341	.59200	.65407	1.1740

#1	.02801	.00702	.64504	.05135	.00496	130.77	.62184	.01096
#2	.03313	.00785	.64210	.05058	.00135	132.11	.62802	.01079
#3	.03629	.00378	.64096	.04927	.00263	132.12	.62959	.01104

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	47.151	.19023	.12921	.53178	244.93	3.7258	42.501
Stddev	.00040	.126	.00054	.00047	.00088	.86	.0157	.317
%RSD	268.48	.26680	.28582	.36131	.16473	.35260	.42232	.74479

#1	.00047	47.154	.19007	.12972	.53268	243.97	3.7176	42.143
#2	.00028	47.023	.18978	.12910	.53174	245.19	3.7158	42.618
#3	-.00030	47.275	.19083	.12880	.53093	245.64	3.7439	42.743

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22148	-.01389	2.1273	.29668	1.0195	12.046	.00480	.06849
Stddev	.00031	.00043	.0382	.00116	.0081	.065	.00031	.02684
%RSD	.13937	3.1254	1.7966	.39237	.79547	.53693	6.3989	39.187

#1	.22121	-.01438	2.0878	.29656	1.0222	11.978	.00447	.09089
#2	.22141	-.01359	2.1299	.29791	1.0260	12.107	.00507	.07585
#3	.22182	-.01369	2.1641	.29559	1.0104	12.054	.00487	.03874

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.026	1.6821	.04505	2.1019	.16321	8.737	-.05918	<.00000
Stddev	.046	.0220	.00072	.0106	.00210	.014	.00102	.14514
%RSD	.32578	1.3077	1.6091	.50485	1.2890	.1636	1.7274	1.5821

#1	14.072	1.6969	.04431	2.0967	.16517	8.738	-.05802	-9.1510
#2	14.025	1.6568	.04509	2.0950	.16099	8.751	-.05957	-9.0421
#3	13.980	1.6926	.04575	2.1141	.16346	8.723	-.05995	-9.3296

Sample Name: K3934-11 Acquired: 7/24/2019 18:24:17 Type: Unk
 Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 237.53
 Stddev 6.89
 %RSD 2.9027

#1 229.60
 #2 242.12
 #3 240.88

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2473.4	31066.	2242.2	29.425	1920.8
Stddev	19.7	83.	17.8	.620	17.3
%RSD	.79472	.26853	.79337	2.1083	.90250

#1	2469.2	31145.	2221.6	29.818	1917.3
#2	2456.2	30979.	2252.1	28.710	1905.5
#3	2494.8	31074.	2252.8	29.747	1939.6

Sample Name: K3936-01 Acquired: 7/24/2019 18:28:44 Type: Unk
Method: P4-ICP2(v3283) 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	.01821	.00506	.62603	.04683	.00440	126.83	.79125	.00960
Stddev	.00170	.00046	.00302	.00356	.00234	.32	.00244	.00019
%RSD	9.3634	9.1349	.48310	7.6015	53.193	.25595	.30874	1.9681
#1	.01957	.00532	.62262	.04286	.00477	127.20	.79406	.00960
#2	.01630	.00453	.62837	.04973	.00654	126.66	.78958	.00940
#3	.01876	.00533	.62711	.04789	.00190	126.62	.79012	.00978
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	22.550	.21107	.09328	.53541	209.01	4.0251	30.224
Stddev	.00015	.034	.00025	.00024	.00124	1.52	.0209	.218
%RSD	89.291	.15111	.11925	.26157	.23154	.72561	.51871	.72099
#1	-.00032	22.557	.21084	.09310	.53682	210.70	4.0481	30.469
#2	-.00002	22.581	.21134	.09319	.53489	208.54	4.0197	30.153
#3	-.00015	22.513	.21103	.09356	.53451	207.77	4.0074	30.051
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20165	-.01175	3.0626	.32214	1.1784	12.465	.00466	.07211
Stddev	.00121	.00025	.0147	.00081	.0039	.101	.00076	.01544
%RSD	.59772	2.1277	.47974	.25260	.32819	.80709	16.271	21.412
#1	.20262	-.01184	3.0772	.32127	1.1788	12.578	.00495	.05887
#2	.20203	-.01194	3.0478	.32289	1.1820	12.386	.00524	.08907
#3	.20030	-.01147	3.0628	.32227	1.1743	12.432	.00380	.06838
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3429	1.5076	.02641	2.2901	.13454	5.467	-.04994	<.00000
Stddev	.0066	.0190	.00033	.0096	.00069	.032	.00170	.51804
%RSD	.49258	1.2606	1.2334	.42026	.51095	.5806	3.3964	6.0808
#1	1.3384	1.4874	.02604	2.2907	.13385	5.487	-.05179	-9.0522
#2	1.3505	1.5251	.02664	2.2802	.13522	5.484	-.04958	-8.0175
#3	1.3398	1.5103	.02656	2.2994	.13456	5.431	-.04846	-8.4880

Sample Name: K3936-01 Acquired: 7/24/2019 18:28:44 Type: Unk
 Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 186.87
 Stddev 5.99
 %RSD 3.2051

#1 181.76
 #2 193.46
 #3 185.40

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2426.9	30778.	2188.9	28.800	1953.3
Stddev	4.7	116.	6.5	.294	6.8
%RSD	.19272	.37699	.29873	1.0225	.34997

#1	2423.7	30652.	2196.4	29.135	1949.1
#2	2424.6	30802.	2184.4	28.682	1949.6
#3	2432.2	30880.	2185.9	28.583	1961.2

Sample Name: K3943-01 Acquired: 7/24/2019 18:33:11 Type: Unk
Method: P4-ICP2(v3283) 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	.02101	.00397	.68097	.04681	.00277	135.84	.75423	.00808
Stddev	.00279	.00160	.00373	.00339	.00123	.54	.00105	.00012
%RSD	13.270	40.295	.54721	7.2381	44.293	.39463	.13887	1.5019
#1	.02279	.00249	.67667	.04704	.00237	136.12	.75536	.00799
#2	.02243	.00376	.68336	.05008	.00415	136.17	.75403	.00802
#3	.01779	.00567	.68286	.04332	.00180	135.22	.75329	.00821
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00121	69.966	.15904	.12937	.61563	227.38	3.6742	53.647
Stddev	.00043	.145	.00044	.00065	.00077	2.77	.0145	.167
%RSD	35.289	.20677	.27627	.49908	.12445	1.2194	.39560	.31106
#1	.00096	69.945	.15955	.12987	.61631	229.93	3.6847	53.456
#2	.00097	69.832	.15885	.12864	.61480	227.79	3.6804	53.765
#3	.00170	70.120	.15873	.12959	.61578	224.43	3.6576	53.719
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20275	-.01185	10.168	.58401	1.0466	8.0037	.00534	.07488
Stddev	.00097	.00044	.016	.00066	.0020	.0465	.00027	.00413
%RSD	.47938	3.6810	.16090	.11222	.19111	.58150	5.0638	5.5109
#1	.20381	-.01136	10.160	.58474	1.0458	8.0034	.00562	.07431
#2	.20254	-.01200	10.157	.58379	1.0451	7.9574	.00508	.07107
#3	.20191	-.01220	10.187	.58348	1.0489	8.0505	.00533	.07927
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3007	3.4985	.04747	4.7491	.12149	7.673	-.00566	<.00000
Stddev	.0278	.0088	.00120	.0160	.00054	.021	.00402	.30197
%RSD	.44136	.25280	2.5293	.33749	.44857	.2754	70.961	3.8802
#1	6.3327	3.4975	.04609	4.7476	.12207	7.693	-.00979	-8.1148
#2	6.2873	3.4902	.04826	4.7658	.12141	7.651	-.00541	-7.7067
#3	6.2822	3.5078	.04806	4.7338	.12099	7.674	-.00177	-7.5253

Sample Name: K3943-01 Acquired: 7/24/2019 18:33:11 Type: Unk
Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 205.48
Stddev 5.08
%RSD 2.4710

#1 201.63
#2 211.23
#3 203.56

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2370.0	30067.	2191.9	29.662	1877.6
Stddev	3.5	119.	8.0	.620	1.8
%RSD	.14562	.39582	.36693	2.0887	.09395

#1	2369.8	29965.	2183.0	29.057	1875.8
#2	2366.6	30038.	2194.2	30.295	1877.8
#3	2373.5	30198.	2198.6	29.635	1879.3

Sample Name: CCV05 Acquired: 7/24/2019 18:37:36 Type: Unk
Method: P4-ICP2(v3283) 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	4.8866	4.8730	4.9133	4.9352	4.9889	9.6164	9.8488
Stddev	.0132	.0049	.0050	.0121	.0120	.0758	.0295
%RSD	.26975	.10010	.10231	.24568	.24040	.78849	.29906

#1	4.8723	4.8680	4.9150	4.9373	4.9761	9.6157	9.8381
#2	4.8891	4.8777	4.9172	4.9221	4.9909	9.5409	9.8262
#3	4.8983	4.8733	4.9076	4.9461	4.9998	9.6926	9.8821

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25236	2.4322	24.785	1.0266	2.4675	1.2281	5.0364
Stddev	.00065	.0013	.240	.0024	.0009	.0053	.0096
%RSD	.25655	.05421	.96923	.23664	.03735	.43383	.19113

#1	.25175	2.4336	24.535	1.0268	2.4670	1.2220	5.0336
#2	.25304	2.4319	24.808	1.0289	2.4686	1.2303	5.0471
#3	.25230	2.4310	25.013	1.0241	2.4670	1.2320	5.0284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4024	24.784	2.4482	1.2253	24.356	2.4896	2.4524
Stddev	.0019	.220	.0063	.0040	.098	.0074	.0007
%RSD	.07981	.88744	.25667	.32281	.40174	.29640	.02962

#1	2.4037	24.750	2.4518	1.2271	24.352	2.4971	2.4527
#2	2.4032	24.582	2.4519	1.2281	24.261	2.4895	2.4529
#3	2.4002	25.018	2.4410	1.2208	24.456	2.4823	2.4515

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.906	4.8734	4.7324	4.9565	4.8257	4.9691	4.8740
Stddev	.143	.0069	.0543	.0103	.0345	.0036	.0376
%RSD	.59682	.14231	1.1482	.20756	.71379	.07262	.77079

#1	23.923	4.8659	4.7505	4.9624	4.7990	4.9731	4.8382
#2	23.755	4.8749	4.6713	4.9624	4.8646	4.9663	4.8707
#3	24.039	4.8795	4.7753	4.9446	4.8135	4.9677	4.9131

Sample Name: CCV05 Acquired: 7/24/2019 18:37:36 Type: Unk
Method: P4-ICP2(v3283) 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	4.6219	4.955	F 4.1149	F 5.7153	F<.00000
Stddev	.0127	.014	.0119	.0111	1.5473
%RSD	.27416	.2823	.29011	.19473	12.789
#1	4.6237	4.963	4.1079	5.7245	-12.793
#2	4.6336	4.939	4.1287	5.7185	-13.178
#3	4.6085	4.964	4.1082	5.7029	-10.326
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1905.2	24325.	1738.8	28.583	1877.8
Stddev	2.3	19.	9.7	1.090	2.8
%RSD	.11925	.07631	.55931	3.8132	.14842
#1	1906.2	24325.	1740.1	29.621	1877.0
#2	1902.6	24307.	1728.5	28.679	1875.6
#3	1906.8	24344.	1747.8	27.448	1881.0

Sample Name: CCB05 Acquired: 7/24/2019 18:41:34 Type: Unk
Method: P4-ICP2(v3283) 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	-.00325	-.00137	F .00521	.00273	-.00058	-.01246	.00052
Stddev	.00283	.00135	.00152	.00360	.00085	.01731	.00053
%RSD	86.840	98.525	29.219	131.84	146.45	138.93	102.99

#1	-.00651	-.00227	.00696	.00218	.00038	-.00743	.00104
#2	-.00145	.00018	.00433	.00657	-.00122	.00178	-.00002
#3	-.00180	-.00203	.00433	-.00056	-.00089	-.03172	.00053

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00005	-.03033	-.00021	.00034	-.00015	.00183
Stddev	.00009	.00001	.01889	.00034	.00007	.00040	.00041
%RSD	147.66	29.688	62.303	165.36	20.396	267.79	22.394

#1	.00016	.00004	-.01323	-.00057	.00041	-.00061	.00228
#2	-.00002	.00005	-.05061	-.00015	.00033	.00002	.00173
#3	.00005	.00007	-.02714	.00010	.00028	.00014	.00148

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.07242	-.00063	-.00021	-.04350	-.00026	.00006
Stddev	.00009	.03839	.00031	.00041	.01207	.00028	.00021
%RSD	1610.5	53.008	49.559	193.23	27.750	109.19	357.00

#1	-.00009	.11468	-.00061	-.00004	-.02957	-.00056	.00028
#2	.00005	.06287	-.00096	-.00068	-.05083	-.00021	.00004
#3	.00006	.03971	-.00033	.00008	-.05011	-.00000	-.00014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02183	.00095	.02324	F .01458	.00790	.00118	-.00468
Stddev	.08198	.00019	.02080	.00193	.00171	.00060	.00050
%RSD	375.56	19.796	89.501	13.212	21.704	50.858	10.629

#1	.05140	.00100	.00874	.01593	.00976	.00187	-.00524
#2	-.11039	.00110	.04707	.01238	.00755	.00079	-.00446
#3	-.00649	.00074	.01391	.01544	.00639	.00087	-.00432

Sample Name: CCB05 Acquired: 7/24/2019 18:41:34 Type: Unk
Method: P4-ICP2(v3283) 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	-.00335	.0001	.00021	F 3.0776	F<.00000
Stddev	.00137	.0012	.00004	.2456	1.9391
%RSD	40.839	848.4	16.512	7.9793	24.819

#1	-.00451	.0005	.00021	2.7957	-6.0112
#2	-.00371	.0012	.00018	3.1919	-9.8651
#3	-.00184	-.0012	.00025	3.2452	-7.5629

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1960.7	25064.	1762.7	29.062	2042.8
Stddev	12.4	96.	8.6	1.815	15.3
%RSD	.63278	.38339	.48868	6.2436	.74958

#1	1948.9	25033.	1752.9	28.143	2028.5
#2	1973.6	24988.	1769.1	31.152	2059.0
#3	1959.6	25172.	1766.1	27.891	2040.8

Sample Name: K3933-08 Acquired: 7/24/2019 18:46:01 Type: Unk
Method: P4-ICP2(v3283) 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	.43788	-.03534	F 323.02	.01057	3.0907	73.259	5.7043	.01257
Stddev	.00329	.00367	1.73	.00817	.0204	.396	.0281	.00021
%RSD	.75091	10.371	.53433	77.342	.65868	.54119	.49311	1.6999
#1	.43829	-.03956	321.04	.01647	3.0694	72.994	5.7080	.01235
#2	.43441	-.03295	323.84	.01399	3.1100	73.069	5.6745	.01259
#3	.44094	-.03352	324.18	.00124	3.0927	73.715	5.7304	.01278
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07949	279.65	F 181.05	.55119	F 522.08	617.09	4.2867	55.712
Stddev	.00034	1.88	.33	.00380	2.87	1.59	.0003	.394
%RSD	.43071	.67126	.18172	.68932	.55030	.25782	.00722	.70665
#1	-.07951	279.75	181.21	.54723	523.33	618.93	4.2864	55.360
#2	-.07914	277.73	180.67	.55154	524.11	616.22	4.2870	55.638
#3	-.07982	281.48	181.27	.55481	518.79	616.13	4.2868	56.137
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 879.26	.06616	174.66	.35314	F 64.725	427.30	.16346	F 29.442
Stddev	7.37	.00096	.59	.00086	.256	1.83	.00026	.194
%RSD	.83868	1.4584	.33912	.24291	.39616	.42856	.15681	.66051
#1	870.75	.06652	174.83	.35215	64.430	427.63	.16329	29.254
#2	883.62	.06507	174.01	.35366	64.892	425.32	.16376	29.430
#3	883.42	.06690	175.16	.35361	64.854	428.93	.16334	29.642
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 566.74	8.5803	3.0110	2.0726	.09905	F 33.13	1.0032	6.7149
Stddev	2.43	.0299	.0156	.0238	.00394	.10	.0113	.3266
%RSD	.42906	.34896	.51881	1.1486	3.9781	.3024	1.1250	4.8631
#1	564.25	8.5504	2.9966	2.0529	.09574	33.02	.99885	6.6645
#2	566.86	8.5803	3.0089	2.0658	.09800	33.20	.99467	6.4165
#3	569.11	8.6103	3.0276	2.0991	.10341	33.19	1.0160	7.0638

Sample Name: K3933-08 Acquired: 7/24/2019 18:46:01 Type: Unk
 Method: P4-ICP2(v3283) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 810.95
 Stddev 10.93
 %RSD 1.3482

#1 799.11
 #2 820.67
 #3 813.08

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1305.4	26448.	1822.4	20.075	1138.8
Stddev	5.9	35.	7.4	.419	6.7
%RSD	.45157	.13321	.40686	2.0879	.59236

#1	1306.5	26431.	1824.4	19.592	1146.5
#2	1299.1	26489.	1828.6	20.297	1133.9
#3	1310.7	26424.	1814.2	20.337	1136.0

Sample Name: CCV06 Acquired: 7/24/2019 19:35:24 Type: Unk
Method: P4-ICP2(v3283) 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	4.9279	4.9299	4.9985	4.9745	5.0505	9.6642	9.8577
Stddev	.0120	.0078	.0037	.0101	.0095	.1285	.0366
%RSD	.24442	.15909	.07400	.20283	.18797	1.3297	.37091

#1	4.9195	4.9259	5.0021	4.9703	5.0517	9.6141	9.8902
#2	4.9224	4.9248	4.9947	4.9673	5.0405	9.8102	9.8649
#3	4.9417	4.9389	4.9987	4.9860	5.0594	9.5683	9.8181

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25479	2.4673	24.634	1.0368	2.5035	1.2475	5.0811
Stddev	.00063	.0036	.159	.0031	.0042	.0032	.0267
%RSD	.24550	.14386	.64480	.29424	.16574	.25966	.52452

#1	.25408	2.4671	24.454	1.0358	2.5008	1.2455	5.0579
#2	.25504	2.4638	24.754	1.0403	2.5015	1.2458	5.1102
#3	.25526	2.4709	24.694	1.0344	2.5083	1.2513	5.0753

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4378	25.045	2.4801	1.2368	24.304	2.5097	2.4903
Stddev	.0058	.179	.0016	.0039	.096	.0059	.0034
%RSD	.23786	.71334	.06459	.31116	.39530	.23403	.13825

#1	2.4439	25.077	2.4788	1.2355	24.399	2.5033	2.4883
#2	2.4371	25.206	2.4796	1.2411	24.306	2.5148	2.4884
#3	2.4324	24.853	2.4819	1.2337	24.207	2.5109	2.4943

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.867	4.9474	4.7733	5.0004	4.8718	5.0354	4.8750
Stddev	.224	.0092	.0591	.0060	.0529	.0116	.0161
%RSD	.93690	.18702	1.2377	.11972	1.0852	.22946	.33104

#1	23.929	4.9375	4.7500	4.9959	4.8311	5.0436	4.8608
#2	24.053	4.9487	4.8405	4.9981	4.8526	5.0222	4.8715
#3	23.619	4.9559	4.7294	5.0072	4.9316	5.0404	4.8925

Sample Name: CCV06 Acquired: 7/24/2019 19:35:24 Type: Unk
Method: P4-ICP2(v3283) 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	4.6520	5.000	F 4.1360	F 5.5072	F<.00000
Stddev	.0189	.014	.0277	.3459	2.8490
%RSD	.40571	.2751	.66985	6.2818	34.093

#1	4.6371	5.002	4.1230	5.2349	-9.6594
#2	4.6456	4.986	4.1172	5.8965	-5.0890
#3	4.6732	5.013	4.1678	5.3903	-10.321

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1892.9	24173.	1725.8	28.773	1862.4
Stddev	1.3	83.	11.8	.768	1.6
%RSD	.07037	.34519	.68588	2.6687	.08402

#1	1893.7	24167.	1735.3	27.890	1862.0
#2	1893.7	24093.	1729.6	29.146	1864.1
#3	1891.4	24259.	1712.5	29.284	1861.0

Sample Name: CCB06 Acquired: 7/24/2019 19:39:21 Type: Unk
Method: P4-ICP2(v3283) 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	-.00211	.00167	.00201	-.00254	-.00366	-.00079
Stddev	.00254	.00119	.00070	.00238	.00111	.01617	.00058
%RSD	473.39	56.375	41.593	118.23	43.524	441.75	74.089

#1	-.00171	-.00207	.00200	.00318	-.00161	.01501	-.00065
#2	-.00228	-.00331	.00215	-.00073	-.00376	-.01282	-.00028
#3	.00238	-.00094	.00087	.00359	-.00225	-.01317	-.00143

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00013	-.00214	-.00050	.00025	.00013	.00123
Stddev	.00004	.00005	.01656	.00057	.00006	.00007	.00029
%RSD	126.67	35.683	772.90	114.84	22.497	56.367	23.282

#1	.00006	.00011	-.02000	-.00052	.00027	.00007	.00109
#2	-.00001	.00010	.00086	-.00106	.00019	.00021	.00156
#3	.00005	.00019	.01271	.00009	.00030	.00010	.00105

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.09074	-.00050	.00016	-.07731	-.00080	-.00012
Stddev	.00004	.02092	.00034	.00070	.01604	.00053	.00007
%RSD	259.37	23.050	67.605	427.23	20.742	66.668	61.661

#1	.00002	.06831	-.00089	.00024	-.09570	-.00104	-.00019
#2	-.00003	.09419	-.00028	.00083	-.06627	-.00019	-.00010
#3	.00005	.10971	-.00033	-.00057	-.06996	-.00117	-.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03402	.00088	.01731	F .00925	.00834	.00025	-.00275
Stddev	.04109	.00072	.02025	.00228	.00098	.00134	.00138
%RSD	120.79	82.560	116.99	24.653	11.782	527.52	50.356

#1	-.04959	.00167	.00508	.01065	.00935	-.00039	-.00290
#2	-.06504	.00024	.04067	.01048	.00829	-.00065	-.00130
#3	.01258	.00073	.00616	.00662	.00738	.00180	-.00405

Sample Name: CCB06 Acquired: 7/24/2019 19:39:21 Type: Unk
Method: P4-ICP2(v3283) 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	-0.00368	-0.0013	-0.00001	F 3.3785	F<.00000
Stddev	.00144	.0022	.00010	.4052	.58436
%RSD	39.068	166.0	724.34	11.993	7.0798

#1	-0.00503	-0.0002	.00005	3.3341	-8.1999
#2	-0.00217	.0001	.00004	3.8040	-8.8634
#3	-0.00382	-0.0039	-0.00014	2.9973	-7.6984

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1948.8	24749.	1745.9	29.111	2033.5
Stddev	7.7	136.	14.2	1.000	9.3
%RSD	.39594	.54997	.81330	3.4365	.45950

#1	1949.0	24592.	1735.4	27.970	2032.1
#2	1956.4	24823.	1762.1	29.525	2043.5
#3	1941.0	24833.	1740.3	29.839	2024.9