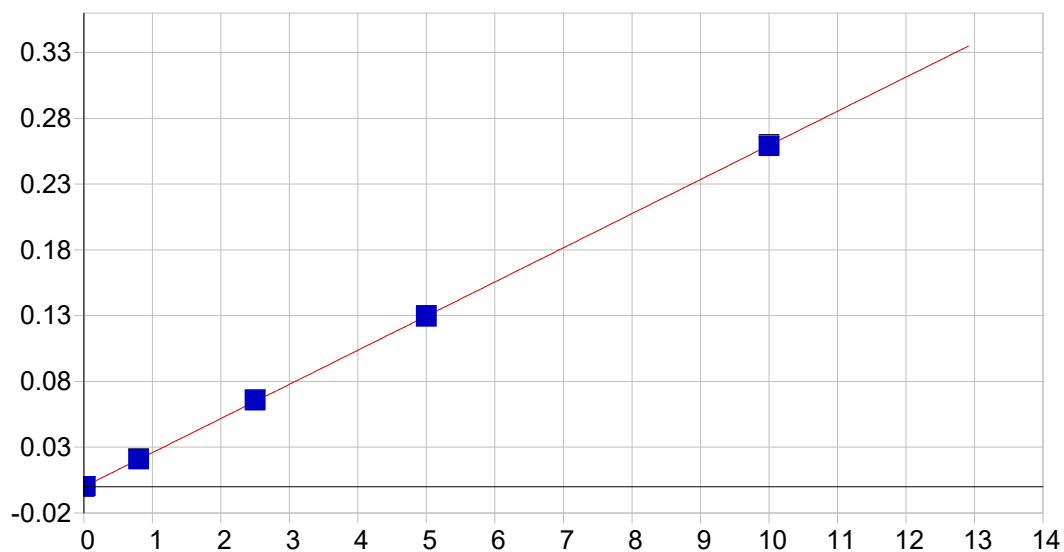


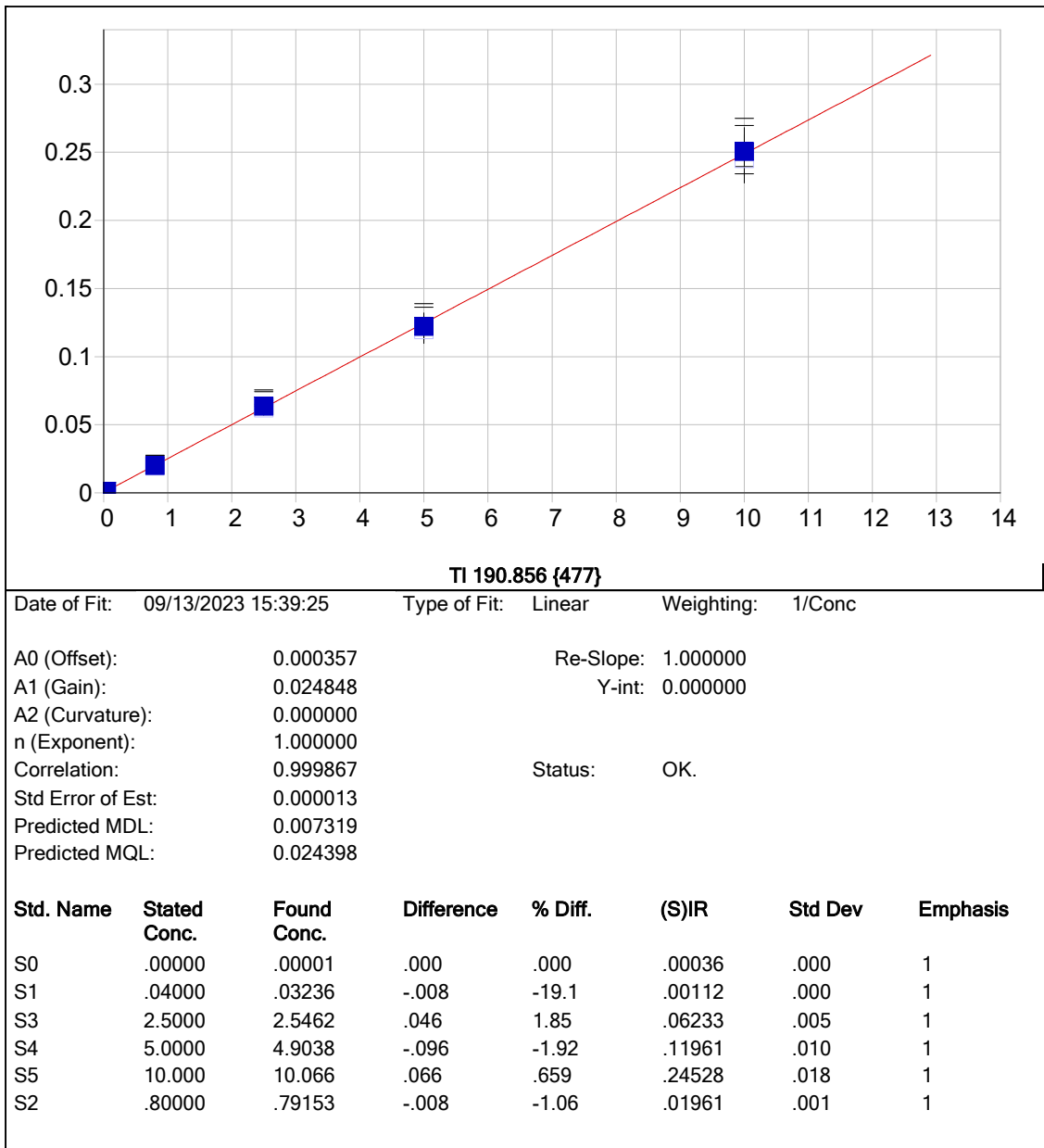


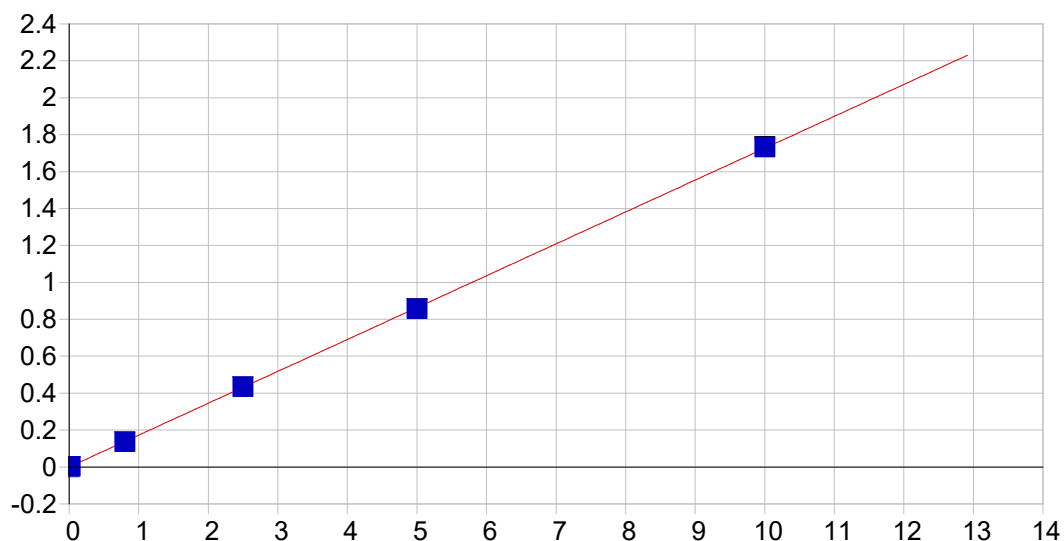
As 189.042 {479}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000037	Re-Slope:	1.000000
A1 (Gain):	0.025949	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999972	Status:	OK.
Std Error of Est:	0.000005		
Predicted MDL:	0.009812		
Predicted MQL:	0.032707		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.02000	.01699	-.003	-15.1	.00041	.000	1
S3	2.5000	2.5345	.035	1.38	.06580	.000	1
S4	5.0000	4.9840	-.016	-.320	.12944	.001	1
S5	10.000	9.9814	-.019	-.186	.25926	.001	1
S2	.80000	.80316	.003	.395	.02083	.000	1



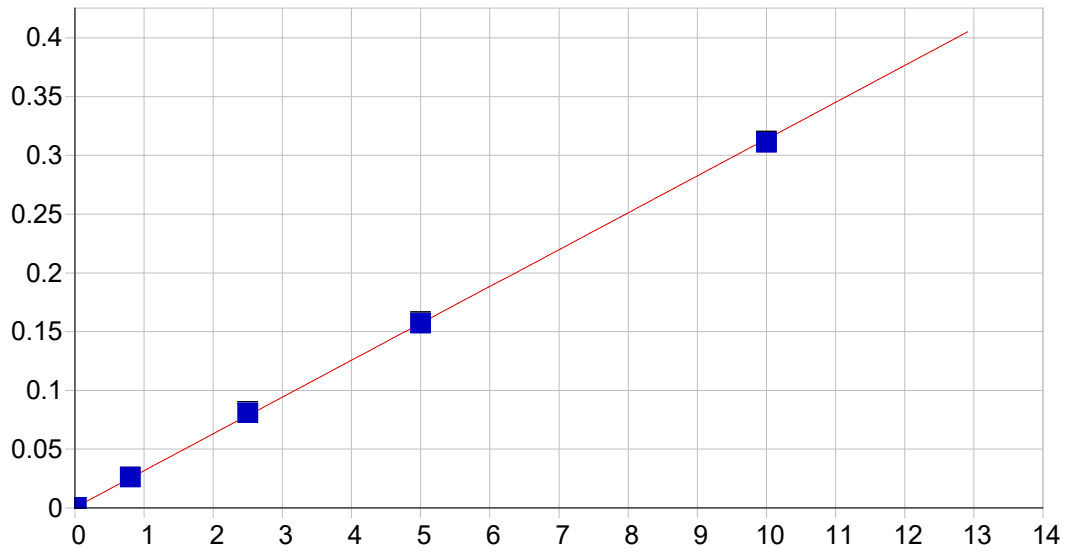


Pb 220.353 {453}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000043	Re-Slope:	1.000000
A1 (Gain):	0.172670	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999979	Status:	OK.
Std Error of Est:	0.000020		
Predicted MDL:	0.002941		
Predicted MQL:	0.009804		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.01200	.01245	.000	3.76	.00215	.000	1
S3	2.5000	2.5156	.016	.625	.43381	.001	1
S4	5.0000	4.9619	-.038	-.761	.85560	.001	1
S5	10.000	10.036	.036	.360	1.7305	.004	1
S2	.80000	.78605	-.014	-1.74	.13557	.001	1

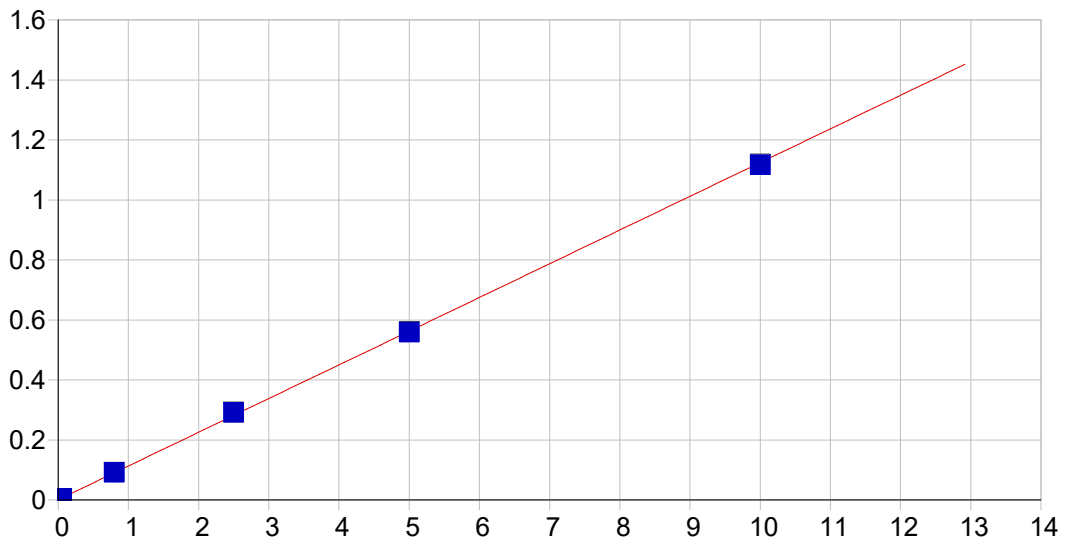


Se 196.090 {472}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000328 Re-Slope: 1.000000
 A1 (Gain): 0.031350 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999878 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.007149
 Predicted MQL: 0.023829

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00033	.000	1
S1	.02000	.01526	-.005	-23.7	.00081	.000	1
S3	2.5000	2.5721	.072	2.88	.08095	.001	1
S4	5.0000	5.0024	.002	.047	.15713	.001	1
S5	10.000	9.9110	-.089	-.890	.31099	.001	1
S2	.80000	.81933	.019	2.42	.02601	.000	1

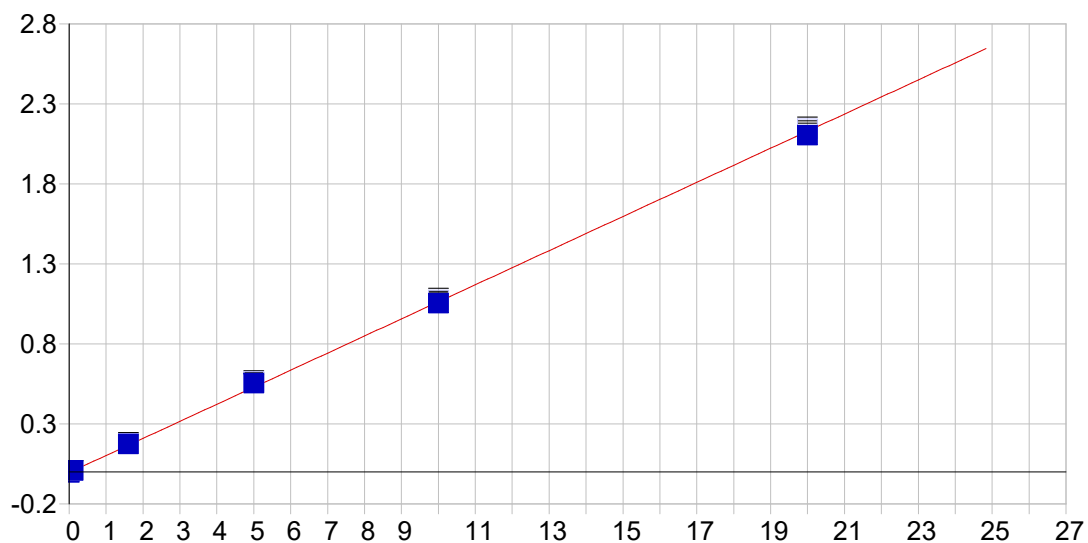


Sb 206.833 {463}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000675	Re-Slope:	1.000000
A1 (Gain):	0.112361	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999888	Status:	OK.
Std Error of Est:	0.000062		
Predicted MDL:	0.002640		
Predicted MQL:	0.008799		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00068	.000	1
S1	.05000	.04619	-.004	-7.62	.00585	.000	1
S3	2.5000	2.5865	.087	3.46	.29127	.001	1
S4	5.0000	4.9703	-.030	-.594	.55909	.001	1
S5	10.000	9.9339	-.066	-.661	1.1167	.002	1
S2	.80000	.81306	.013	1.63	.09202	.000	1

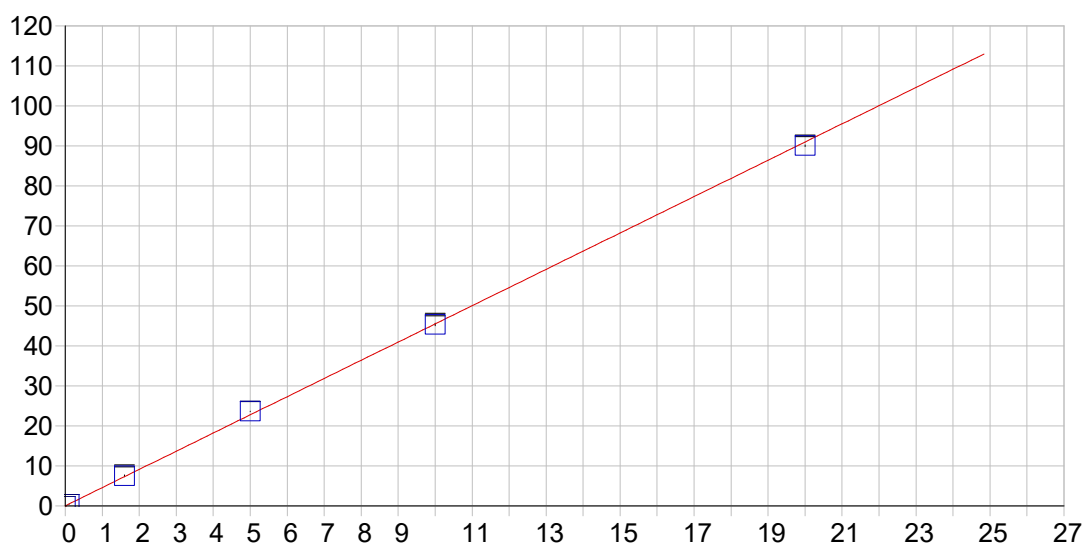


AI 396.152 { 85}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004109 Re-Slope: 1.000000
 A1 (Gain): 0.106697 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999762 Status: OK.
 Std Error of Est: 0.000176
 Predicted MDL: 0.017416
 Predicted MQL: 0.058053

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00411	.002	1
S1	.10000	.11240	.012	12.4	.00868	.000	1
S3	5.0000	5.2256	.226	4.51	.56336	.007	1
S4	10.000	9.9236	-.076	-.764	1.0745	.012	1
S5	20.000	19.767	-.233	-1.16	2.1446	.012	1
S2	1.6000	1.6706	.071	4.41	.17731	.007	1

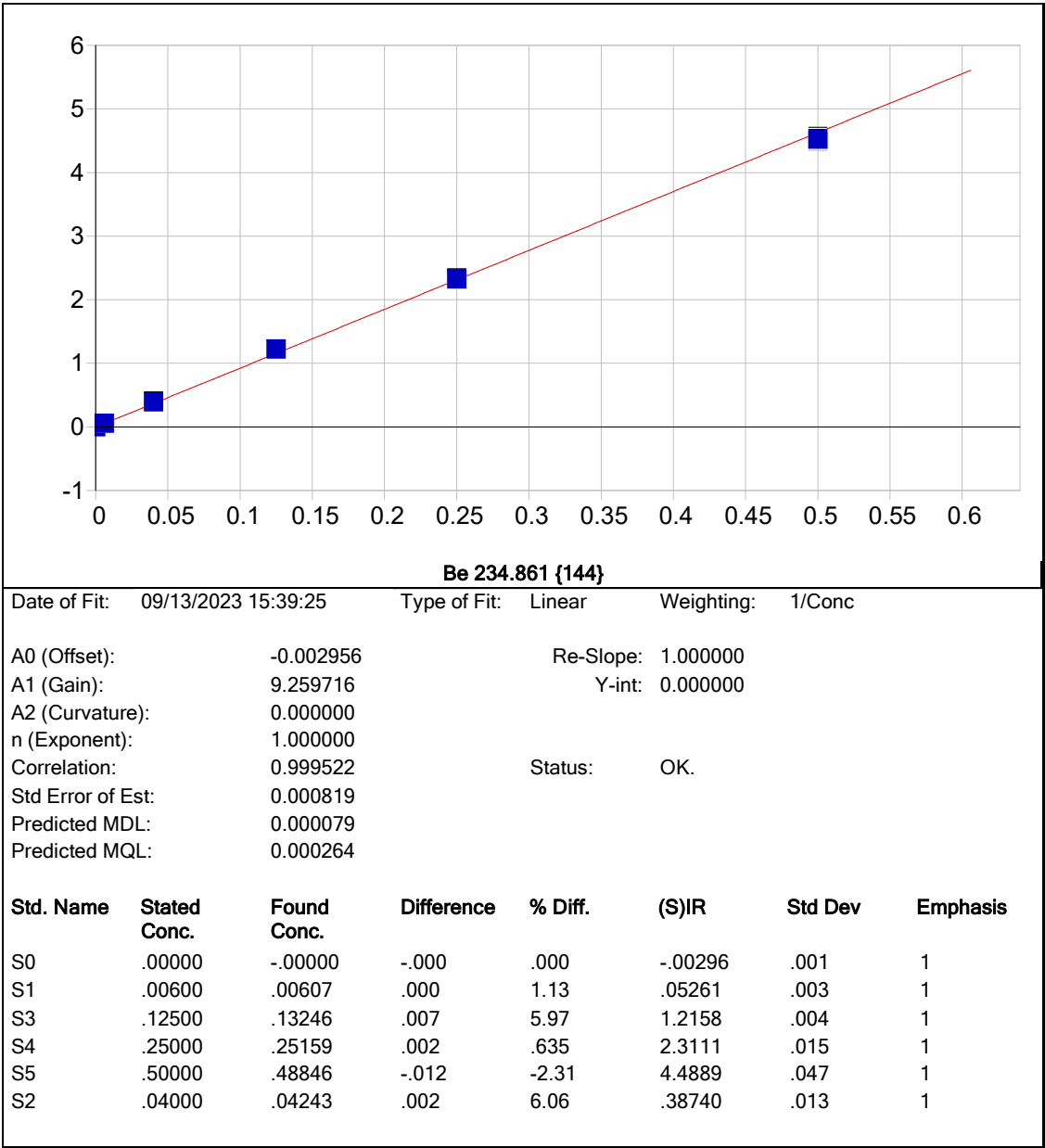


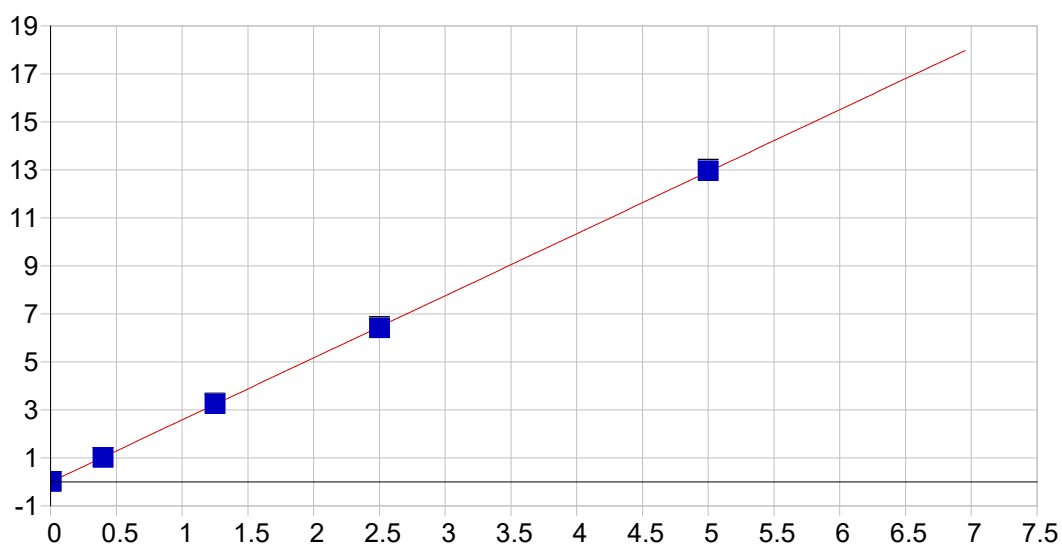
Ba 493.409 { 68}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.029932 Re-Slope: 1.000000
 A1 (Gain): 4.547188 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999850 Status: OK.
 Std Error of Est: 0.005835
 Predicted MDL: 0.000881
 Predicted MQL: 0.002938

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.02993	.002	1
S1	.10000	.09435	-.006	-5.65	.45896	.020	1
S3	5.0000	5.1933	.193	3.87	23.645	.042	1
S4	10.000	9.9712	-.029	-.288	45.371	.337	1
S5	20.000	19.799	-.201	-1.00	90.061	.207	1
S2	1.6000	1.6419	.042	2.62	7.4958	.227	1



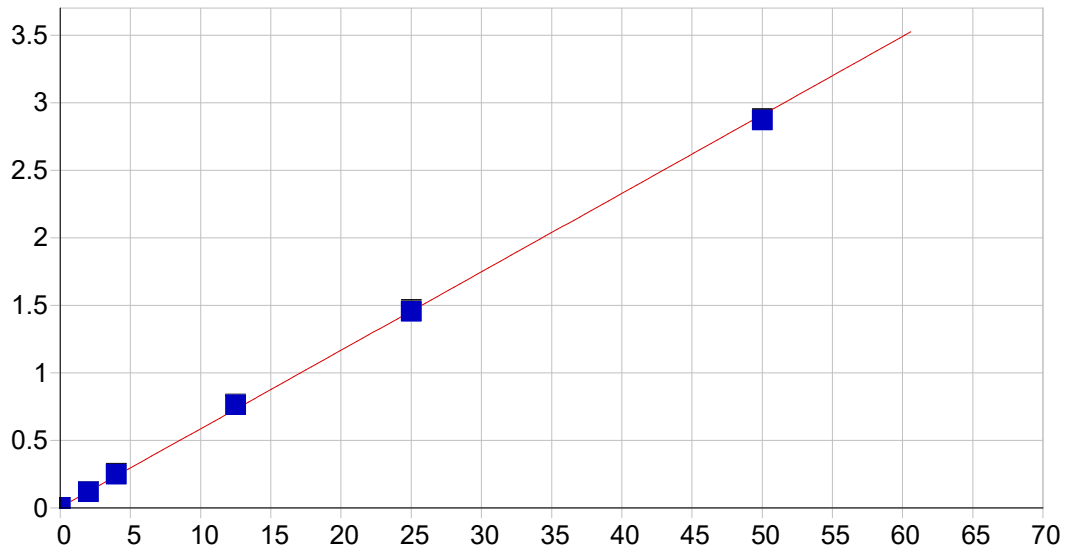


Cd 214.438 {457}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001992	Re-Slope:	1.000000
A1 (Gain):	2.585531	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000145		
Predicted MDL:	0.000111		
Predicted MQL:	0.000368		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00199	.000	1
S1	.00600	.00605	.000	.757	.01365	.000	1
S3	1.2500	1.2588	.009	.704	3.2528	.023	1
S4	2.5000	2.4830	-.017	-.678	6.4184	.053	1
S5	5.0000	5.0152	.015	.305	12.966	.067	1
S2	.40000	.39288	-.007	-1.78	1.0139	.005	1

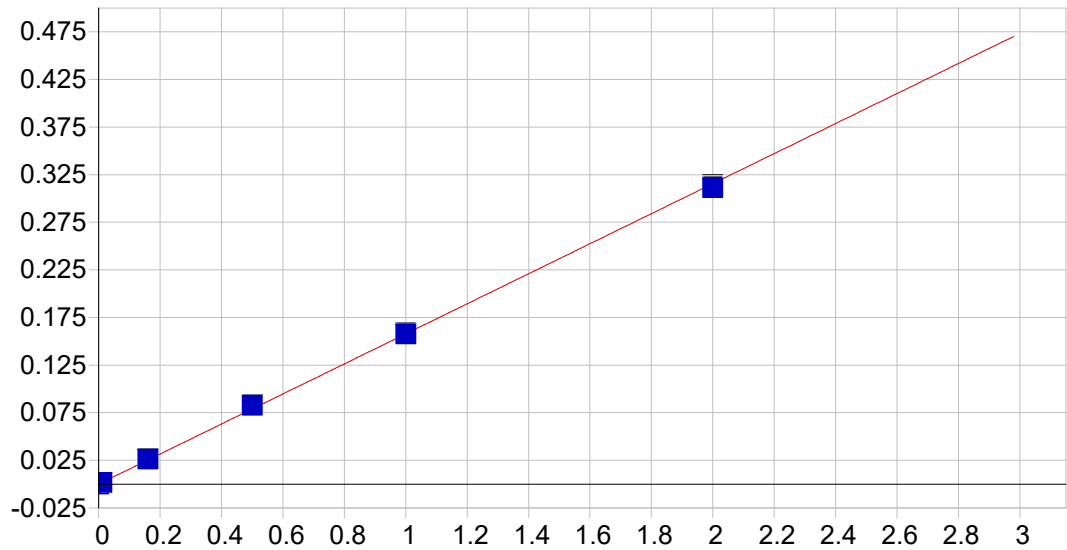


Ca 373.690 { 90}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005116 Re-Slope: 1.000000
 A1 (Gain): 0.058077 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999764 Status: OK.
 Std Error of Est: 0.000668
 Predicted MDL: 0.022944
 Predicted MQL: 0.076480

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00010	-.000	.000	.00511	.001	1
S2	4.0000	4.1896	.190	4.74	.24834	.007	1
S3	12.500	13.057	.557	4.46	.76316	.004	1
S4	25.000	24.967	-.033	-.132	1.4545	.011	1
S5	50.000	49.344	-.656	-1.31	2.8697	.009	1
S1	2.0000	1.9421	-.058	-2.90	.11789	.004	1

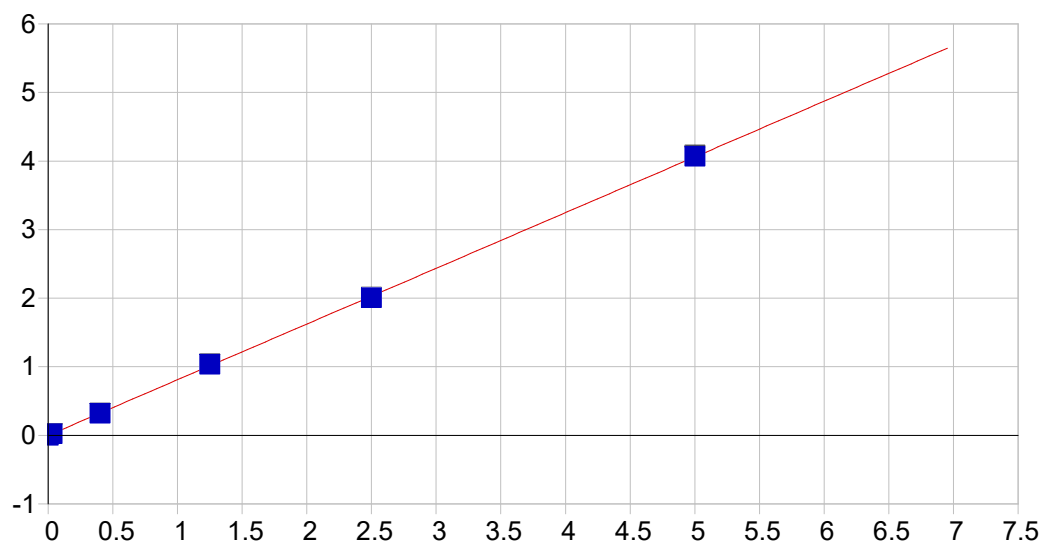


Cr 267.716 {126}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000025 Re-Slope: 1.000000
 A1 (Gain): 0.157792 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999762 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.000486
 Predicted MQL: 0.001619

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.01000	.01006	.000	.582	.00163	.000	1
S3	.50000	.52400	.024	4.80	.08326	.000	1
S4	1.0000	.99887	-.001	-.113	.15875	.000	1
S5	2.0000	1.9713	-.029	-1.44	.31330	.001	1
S2	.16000	.16579	.006	3.62	.02636	.000	1

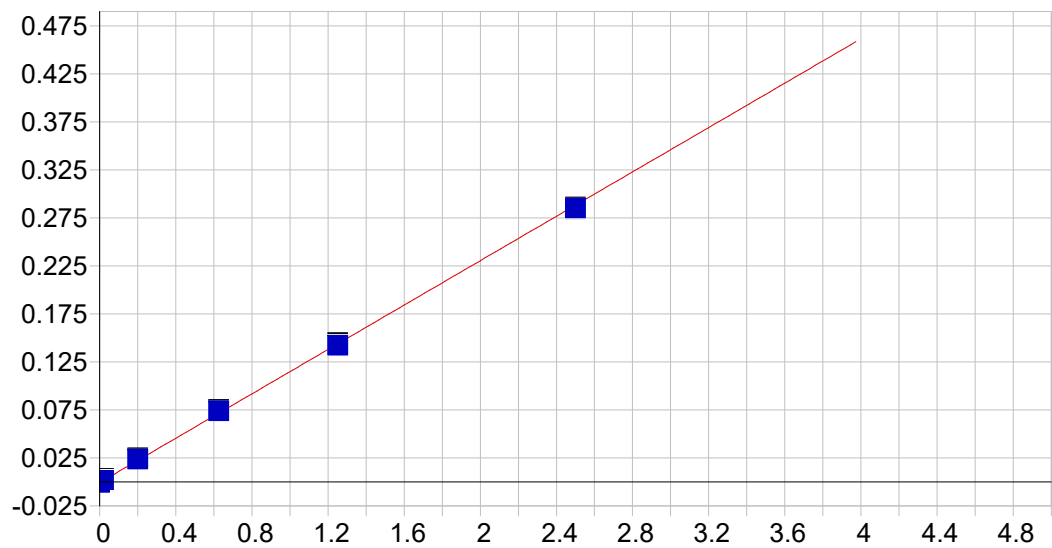


Co 228.616 {448}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001333	Re-Slope:	1.000000
A1 (Gain):	0.812234	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999937	Status:	OK.
Std Error of Est:	0.000185		
Predicted MDL:	0.000364		
Predicted MQL:	0.001213		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00133	.000	1
S1	.03000	.02759	-.002	-8.04	.02100	.000	1
S3	1.2500	1.2768	.027	2.15	1.0379	.001	1
S4	2.5000	2.4733	-.027	-1.07	2.0118	.002	1
S5	5.0000	5.0082	.008	.163	4.0749	.010	1
S2	.40000	.39413	-.006	-1.47	.31947	.000	1

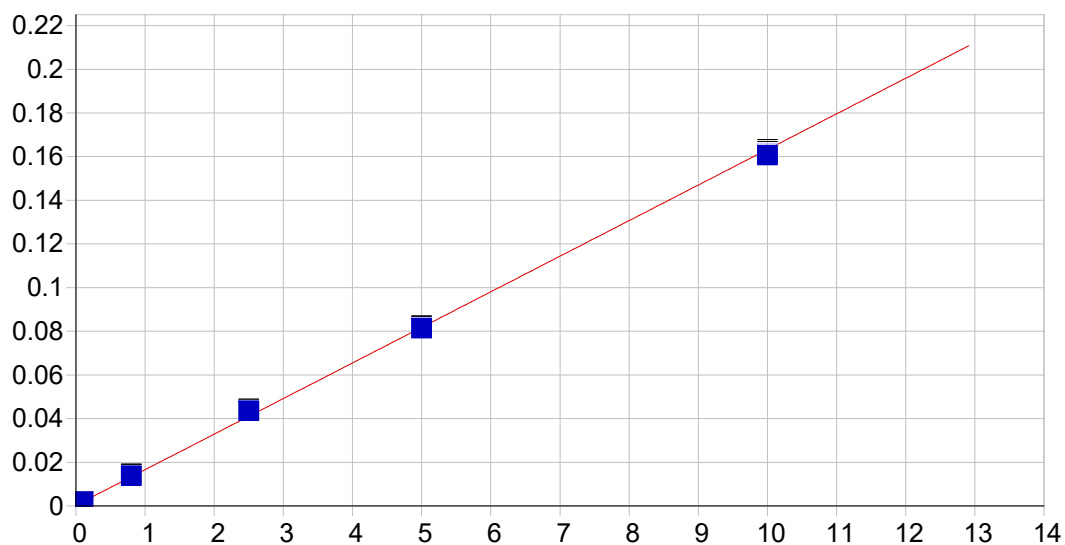


Cu 324.754 {104}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000749 Re-Slope: 1.000000
 A1 (Gain): 0.115596 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999728 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.010841
 Predicted MQL: 0.036136

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00075	.001	1
S1	.02000	.02387	.004	19.4	.00201	.002	1
S3	.62500	.64600	.021	3.36	.07359	.001	1
S4	1.2500	1.2384	-.012	-.929	.14174	.003	1
S5	2.5000	2.4752	-.025	-.992	.28404	.001	1
S2	.20000	.21153	.012	5.77	.02360	.001	1

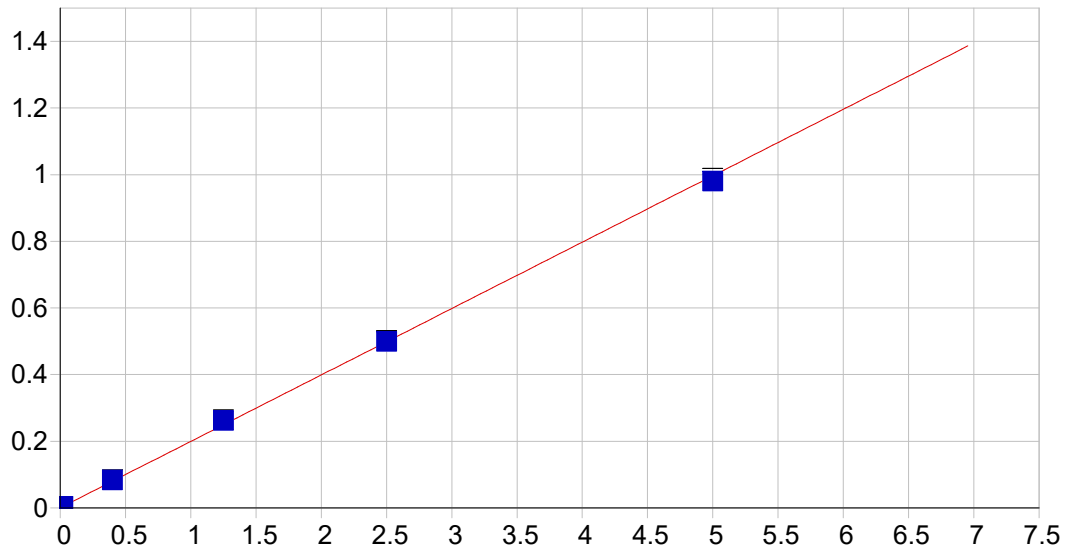


Fe 259.837 {130}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000297 Re-Slope: 1.000000
 A1 (Gain): 0.016298 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999643 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.024042
 Predicted MQL: 0.080141

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00030	.000	1
S1	.10000	.10074	.001	.738	.00194	.000	1
S3	2.5000	2.6549	.155	6.20	.04377	.001	1
S4	5.0000	4.9744	-.026	-.513	.08177	.001	1
S5	10.000	9.8415	-.158	-1.58	.16149	.002	1
S2	.80000	.82846	.028	3.56	.01386	.001	1

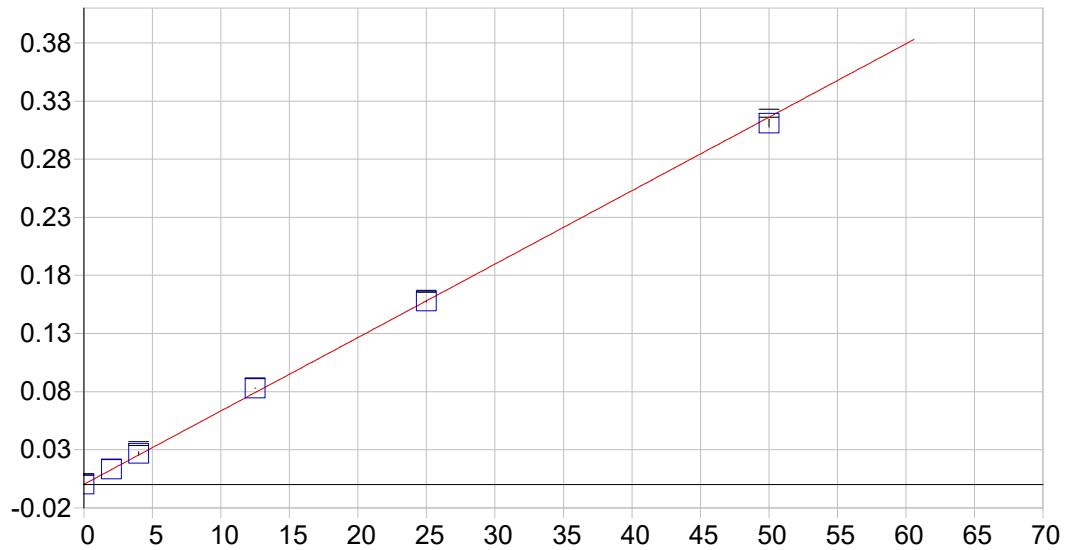


Mn 257.610 {131}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000315	Re-Slope:	1.000000
A1 (Gain):	0.199316	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999684	Status:	OK.
Std Error of Est:	0.000083		
Predicted MDL:	0.001715		
Predicted MQL:	0.005717		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.02000	.01777	-.002	-11.2	.00386	.001	1
S3	1.2500	1.3154	.065	5.23	.26253	.001	1
S4	2.5000	2.5035	.003	.139	.49939	.003	1
S5	5.0000	4.9164	-.084	-1.67	.98040	.009	1
S2	.40000	.41702	.017	4.25	.08345	.002	1

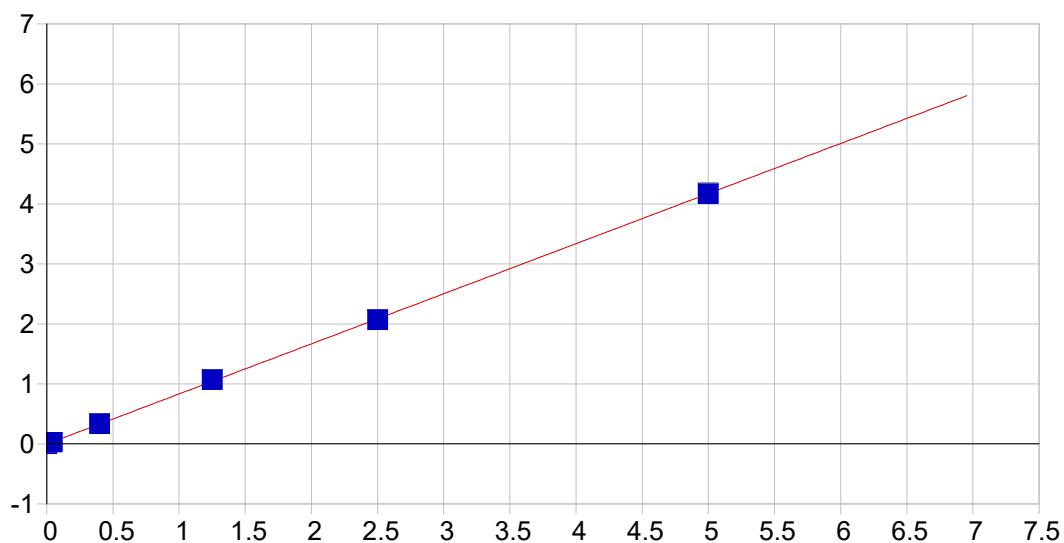


Mg 279.079 {121}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000261	Re-Slope:	1.000000
A1 (Gain):	0.006316	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999711	Status:	OK.
Std Error of Est:	0.000080		
Predicted MDL:	0.109719		
Predicted MQL:	0.365730		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00022	-.000	.000	.00026	.001	1
S2	4.0000	4.2080	.208	5.20	.02684	.002	1
S3	12.500	13.099	.599	4.79	.08300	.000	1
S4	25.000	24.946	-.054	-.217	.15782	.001	1
S5	50.000	49.195	-.805	-1.61	.31098	.003	1
S1	2.0000	2.0525	.052	2.62	.01322	.000	1

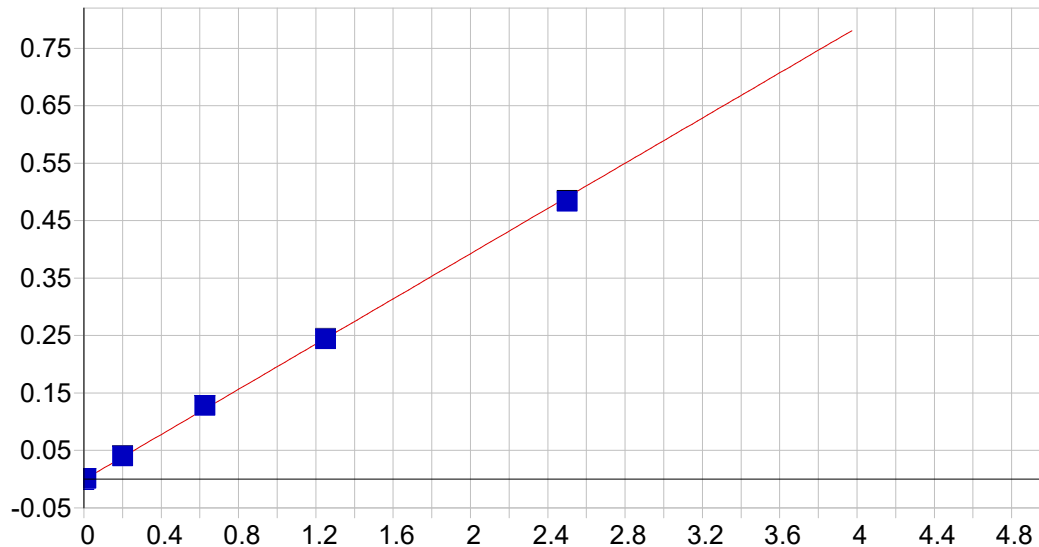


Ni 231.604 {446}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001947 Re-Slope: 1.000000
A1 (Gain): 0.834854 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999936 Status: OK.
Std Error of Est: 0.000223
Predicted MDL: 0.000462
Predicted MQL: 0.001539

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00194	.000	1
S1	.04000	.03716	-.003	-7.09	.02911	.000	1
S3	1.2500	1.2812	.031	2.50	1.0687	.001	1
S4	2.5000	2.4779	-.022	-.886	2.0687	.004	1
S5	5.0000	4.9949	-.005	-.101	4.1721	.009	1
S2	.40000	.39880	-.001	-.299	.33132	.001	1

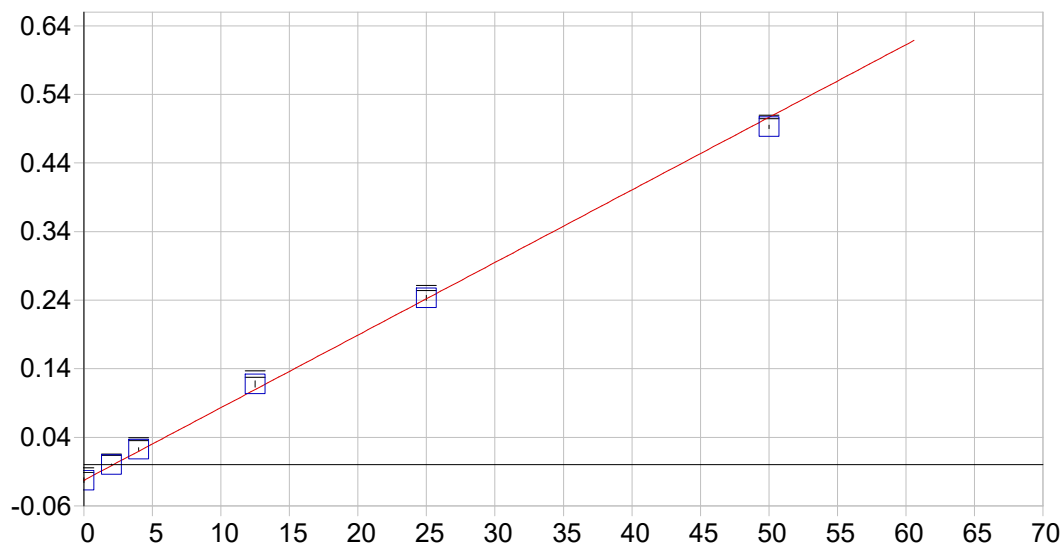


Ag 328.068 {103}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000921 Re-Slope: 1.000000
 A1 (Gain): 0.196716 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999730 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.000600
 Predicted MQL: 0.001999

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00092	.000	1
S1	.01000	.00968	-.000	-3.24	.00098	.000	1
S3	.62500	.65551	.031	4.88	.12790	.000	1
S4	1.2500	1.2463	-.004	-.294	.24399	.001	1
S5	2.5000	2.4641	-.036	-1.44	.48327	.001	1
S2	.20000	.20942	.009	4.71	.04023	.000	1

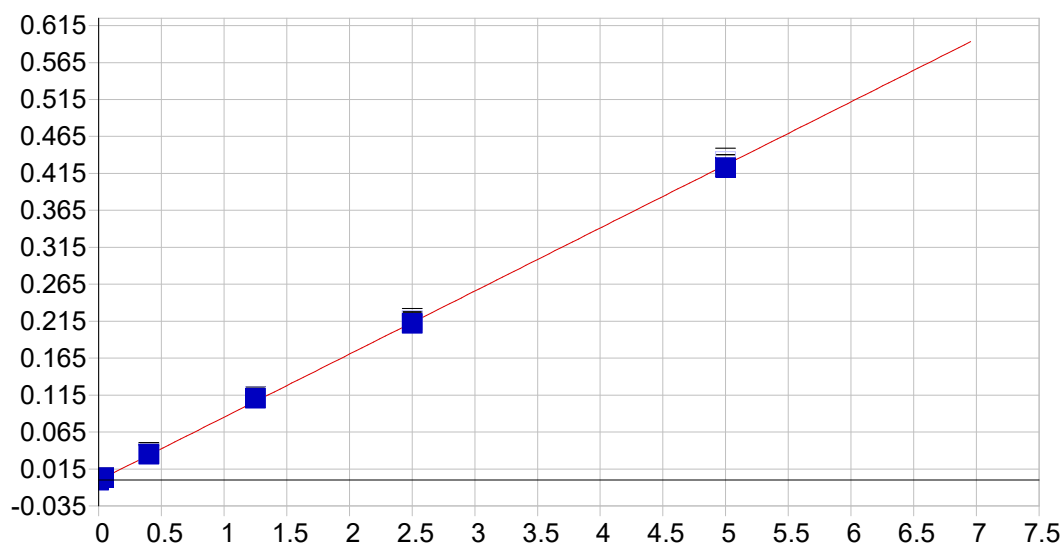


Na 818.326 { 41}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.022594 Re-Slope: 1.000000
 A1 (Gain): 0.010585 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999407 Status: OK.
 Std Error of Est: 0.000193
 Predicted MDL: 0.348741
 Predicted MQL: 1.162470

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00036	-.000	.000	-.02260	.004	1
S2	4.0000	4.2791	.279	6.98	.02270	.002	1
S3	12.500	13.261	.761	6.08	.11777	.005	1
S4	25.000	25.127	.127	.506	.24336	.004	1
S5	50.000	48.691	-1.31	-2.62	.49278	.003	1
S1	2.0000	2.1431	.143	7.16	.00009	.001	1

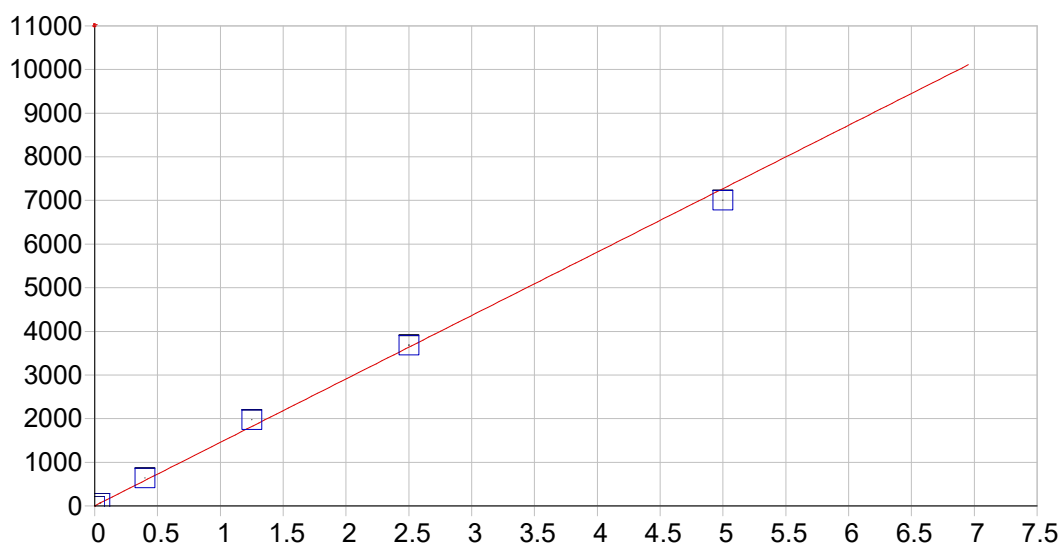


V 292.402 {115}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000391	Re-Slope:	1.000000
A1 (Gain):	0.085375	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999855	Status:	OK.
Std Error of Est:	0.000035		
Predicted MDL:	0.007166		
Predicted MQL:	0.023885		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00039	.000	1
S1	.04000	.04121	.001	3.03	.00330	.000	1
S3	1.2500	1.2984	.048	3.87	.11259	.000	1
S4	2.5000	2.4844	-.016	-.623	.21597	.003	1
S5	5.0000	4.9542	-.046	-.916	.43108	.005	1
S2	.40000	.41171	.012	2.93	.03544	.002	1

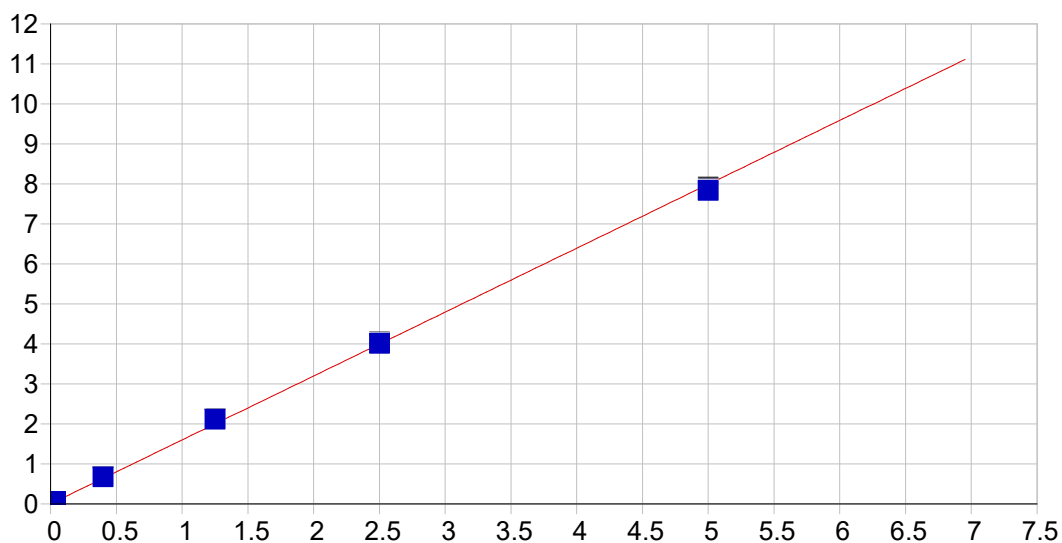


Zn 206.200 {464}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	2.311923	Re-Slope:	1.000000
A1 (Gain):	1453.578363	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998892	Status:	OK.
Std Error of Est:	1.607229		
Predicted MDL:	0.000363		
Predicted MQL:	0.001210		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	2.2992	.535	1
S1	.04000	.04228	.002	5.69	63.765	.587	1
S3	1.2500	1.3576	.108	8.61	1975.8	4.79	1
S4	2.5000	2.5326	.033	1.30	3683.6	8.82	1
S5	5.0000	4.8178	-.182	-3.64	7005.4	5.29	1
S2	.40000	.43968	.040	9.92	641.42	.959	1

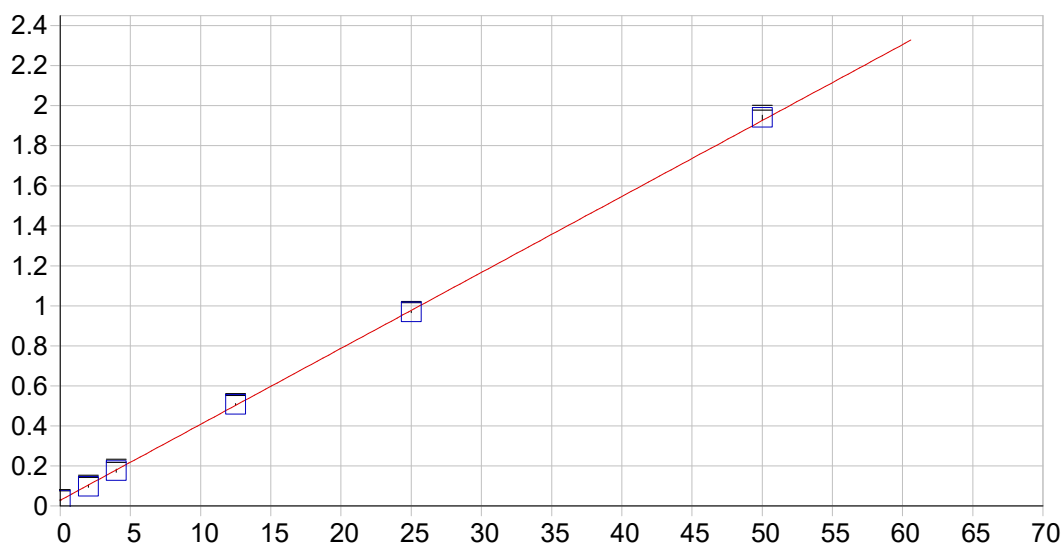


Zn 213.856 {158}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001842 Re-Slope: 1.000000
 A1 (Gain): 1.597794 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999614 Status: OK.
 Std Error of Est: 0.001048
 Predicted MDL: 0.000507
 Predicted MQL: 0.001690

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00184	.001	1
S1	.04000	.04038	.000	.962	.06673	.000	1
S3	1.2500	1.3219	.072	5.76	2.1253	.006	1
S4	2.5000	2.5088	.009	.353	4.0329	.017	1
S5	5.0000	4.8991	-.101	-2.02	7.8747	.048	1
S2	.40000	.41971	.020	4.93	.67605	.002	1

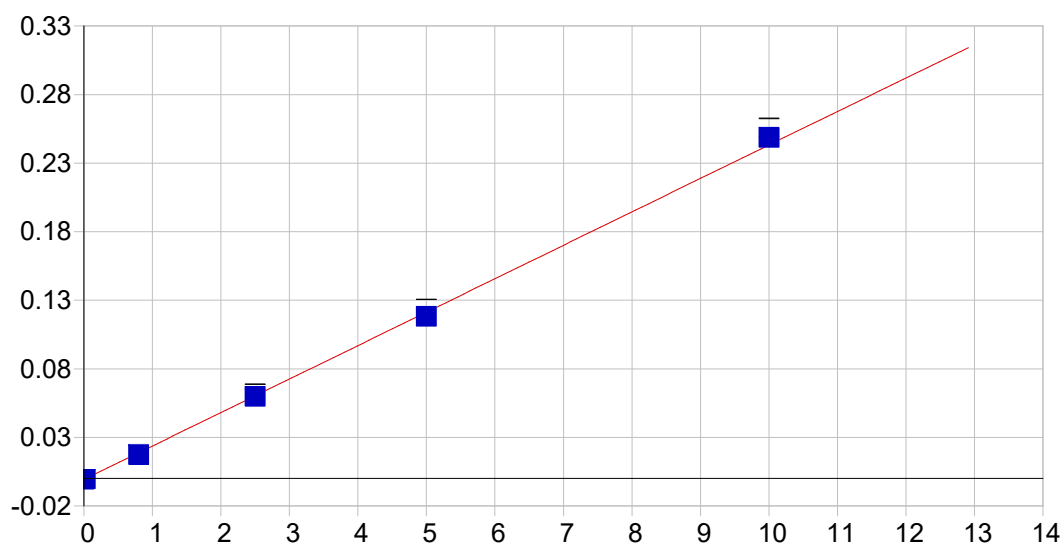


K 769.896 { 44 }

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.028330 Re-Slope: 1.000000
 A1 (Gain): 0.037949 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882 Status: OK.
 Std Error of Est: 0.000308
 Predicted MDL: 0.092163
 Predicted MQL: 0.307209

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00020	.000	.000	.02834	.003	1
S2	4.0000	3.8904	-.110	-2.74	.17597	.008	1
S3	12.500	12.594	.094	.755	.50628	.005	1
S4	25.000	24.786	-.214	-8.57	.96894	.003	1
S5	50.000	50.393	.393	.786	1.9407	.013	1
S1	2.0000	1.8365	-.163	-8.17	.09803	.005	1

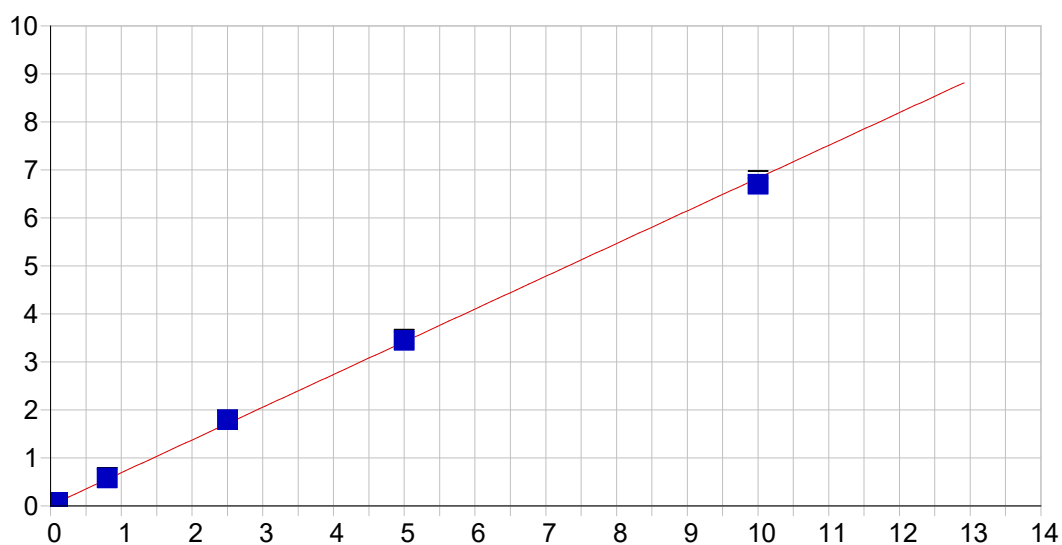


P 177.495 {490}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000707 Re-Slope: 1.000000
 A1 (Gain): 0.024395 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999523 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.006455
 Predicted MQL: 0.021517

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00071	.000	1
S1	.02000	.00948	-.011	-52.6	-.00047	.000	1
S3	2.5000	2.4775	-.023	-.901	.05987	.002	1
S4	5.0000	4.8718	-.128	-2.56	.11842	.005	1
S5	10.000	10.217	.217	2.17	.24909	.007	1
S2	.80000	.74453	-.055	-6.93	.01750	.000	1

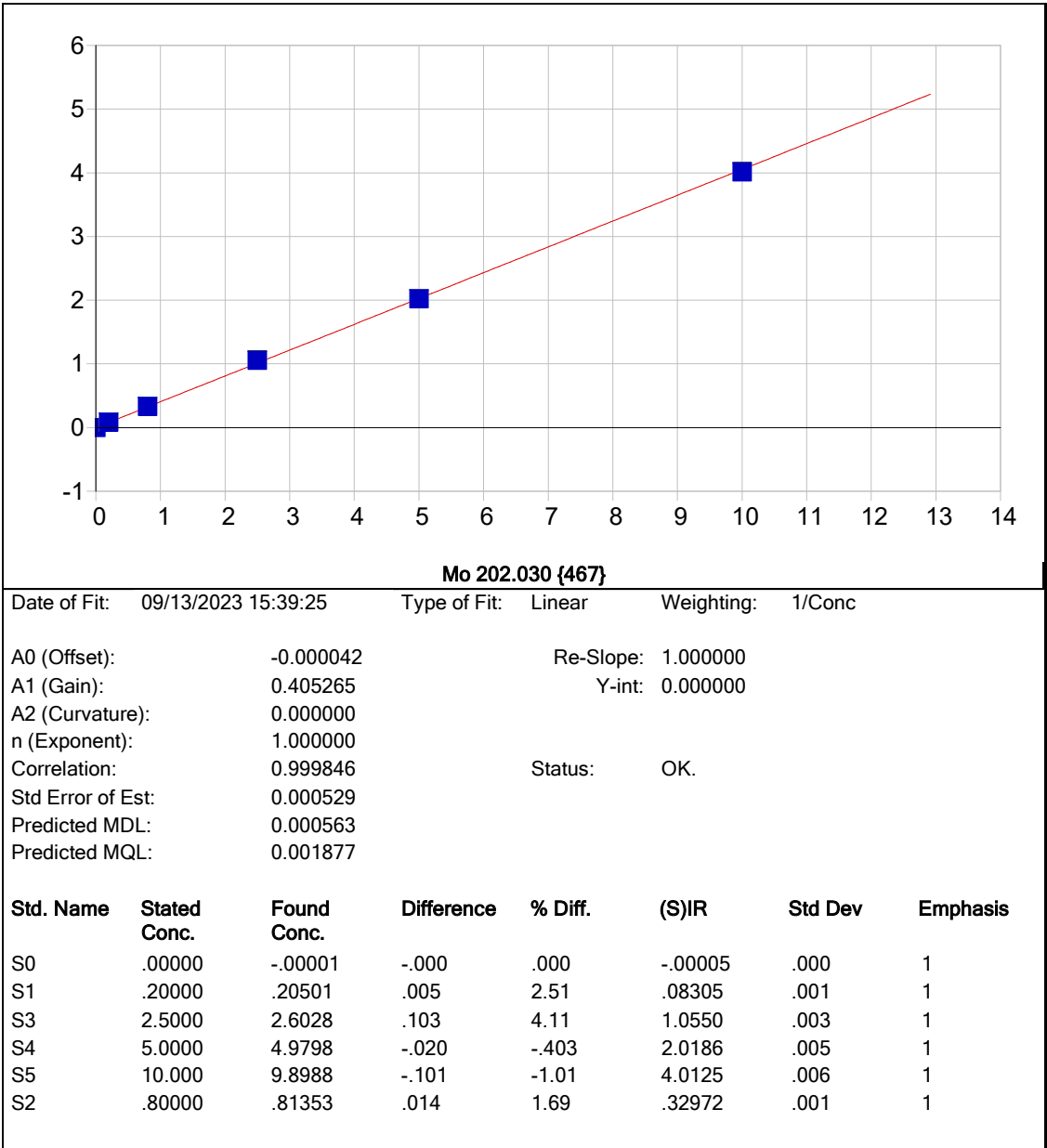


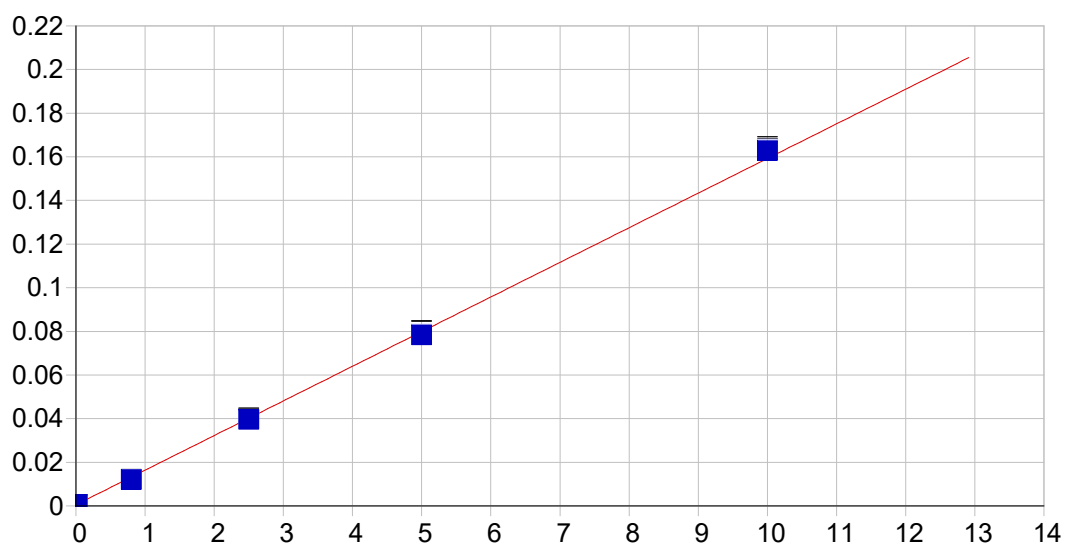
B 249.678 {135}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010082 Re-Slope: 1.000000
 A1 (Gain): 0.681940 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999703 Status: OK.
 Std Error of Est: 0.000870
 Predicted MDL: 0.001257
 Predicted MQL: 0.004190

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01008	.000	1
S1	.10000	.09569	-.004	-4.31	.07508	.002	1
S3	2.5000	2.6176	.118	4.70	1.7912	.002	1
S4	5.0000	5.0441	.044	.882	3.4421	.025	1
S5	10.000	9.8115	-.188	-1.88	6.6854	.077	1
S2	.80000	.83112	.031	3.89	.57561	.016	1



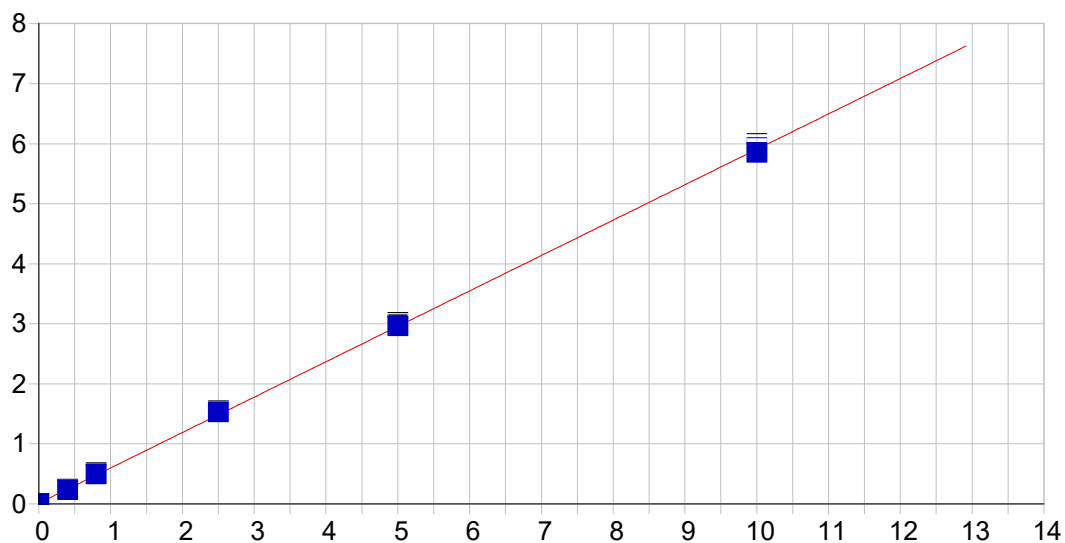


S 182.034 {485}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000519	Re-Slope:	1.000000
A1 (Gain):	0.015871	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999374	Status:	OK.
Std Error of Est:	0.000013		
Predicted MDL:	0.008923		
Predicted MQL:	0.029743		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00052	.000	1
S1	.02000	.00618	-.014	-69.1	.00061	.000	1
S3	2.5000	2.4590	-.041	-1.64	.03974	.001	1
S4	5.0000	4.9047	-.095	-1.91	.07876	.002	1
S5	10.000	10.220	.220	2.20	.16352	.001	1
S2	.80000	.72922	-.071	-8.85	.01216	.000	1

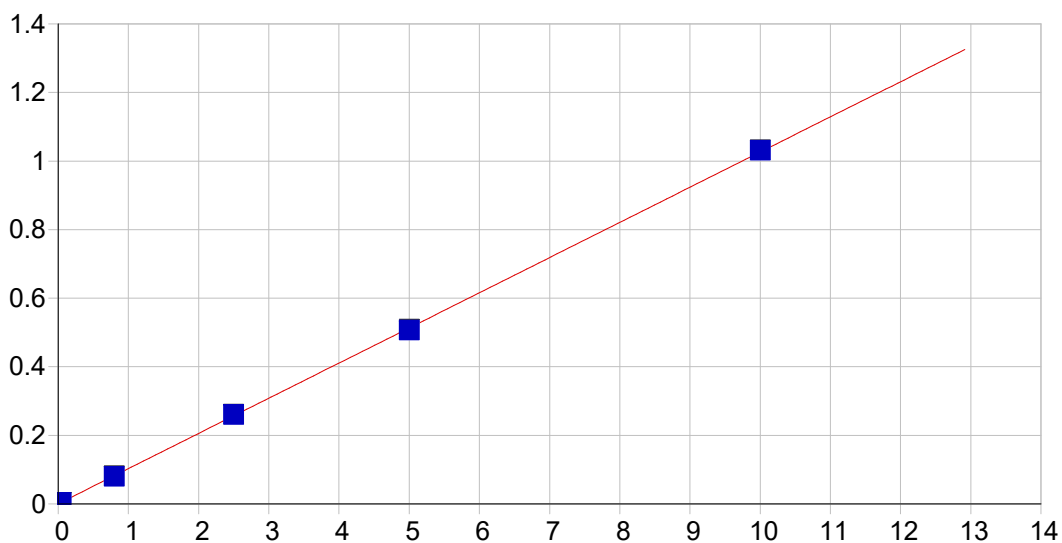


Si 251.611 {134}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009536 Re-Slope: 1.000000
 A1 (Gain): 0.589896 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999854 Status: OK.
 Std Error of Est: 0.001080
 Predicted MDL: 0.001415
 Predicted MQL: 0.004718

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00953	.001	1
S1	.40000	.37793	-.022	-5.52	.23361	.010	1
S3	2.5000	2.5783	.078	3.13	1.5478	.004	1
S4	5.0000	5.0107	.011	.214	3.0001	.021	1
S5	10.000	9.9047	-.095	-.953	5.9217	.081	1
S2	.80000	.82824	.028	3.53	.50366	.015	1

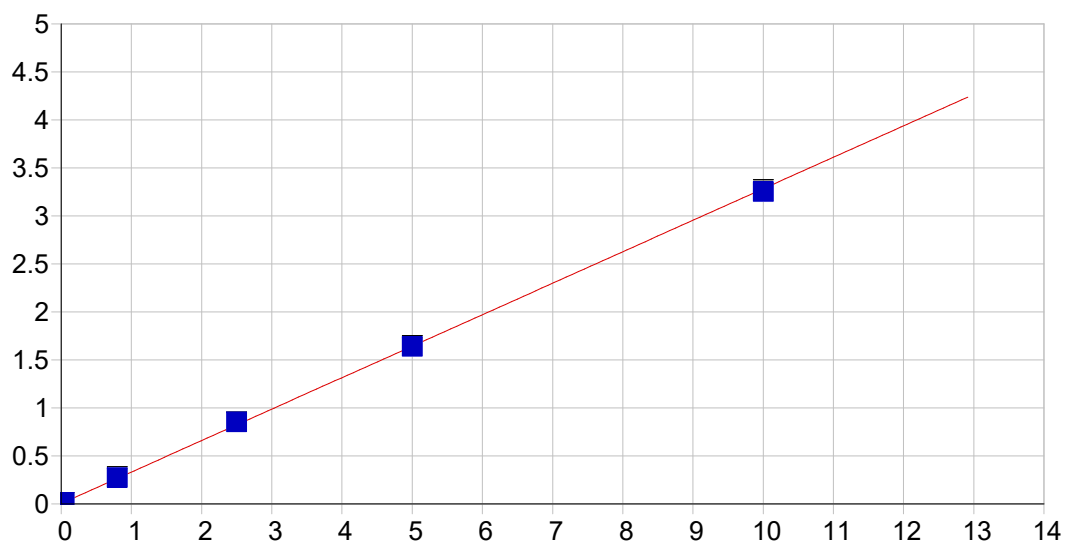


Sn 189.989 {478}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000338 Re-Slope: 1.000000
 A1 (Gain): 0.102589 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.001645
 Predicted MQL: 0.005485

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00034	.000	1
S1	.04000	.03453	-.005	-13.7	.00388	.000	1
S3	2.5000	2.5363	.036	1.45	.26033	.001	1
S4	5.0000	4.9377	-.062	-1.25	.50648	.003	1
S5	10.000	10.054	.054	.538	1.0309	.001	1
S2	.80000	.77776	-.022	-2.78	.08006	.001	1

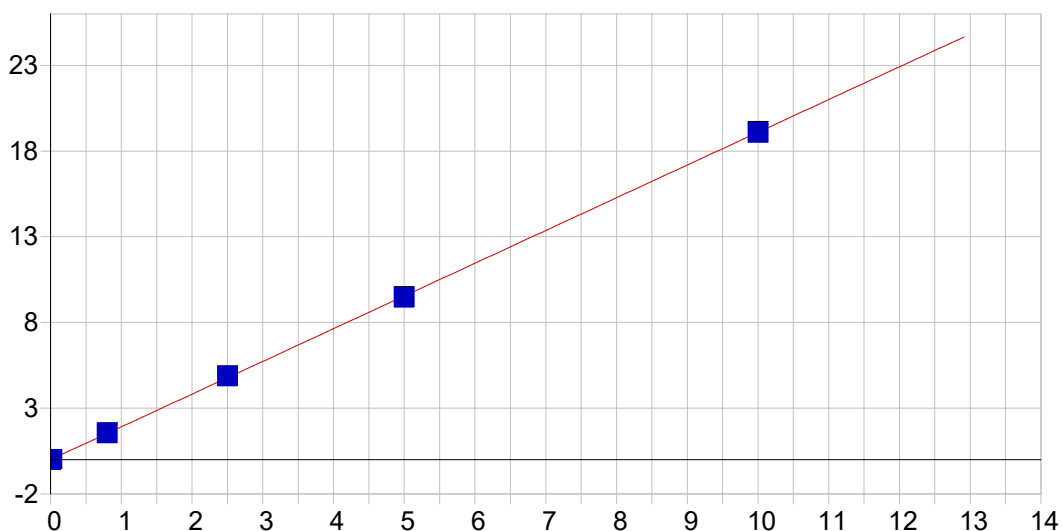


Ti 336.121 {100}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003540 Re-Slope: 1.000000
 A1 (Gain): 0.327887 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.000180
 Predicted MDL: 0.002759
 Predicted MQL: 0.009198

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00354	.000	1
S1	.04000	.03564	-.004	-10.9	.01522	.001	1
S3	2.5000	2.5879	.088	3.52	.85180	.005	1
S4	5.0000	4.9884	-.012	-.232	1.6386	.011	1
S5	10.000	9.9072	-.093	-.928	3.2509	.022	1
S2	.80000	.82090	.021	2.61	.27261	.009	1

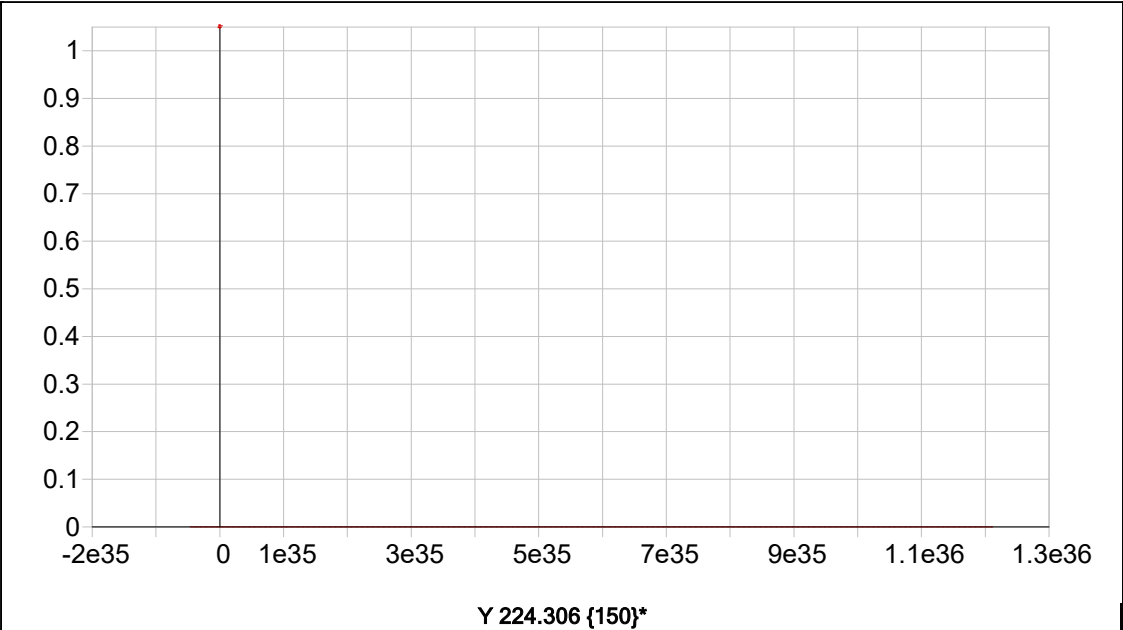


Li 670.784 { 50}

Date of Fit: 09/13/2023 15:39:25 Type of Fit: Linear Weighting: 1/Conc

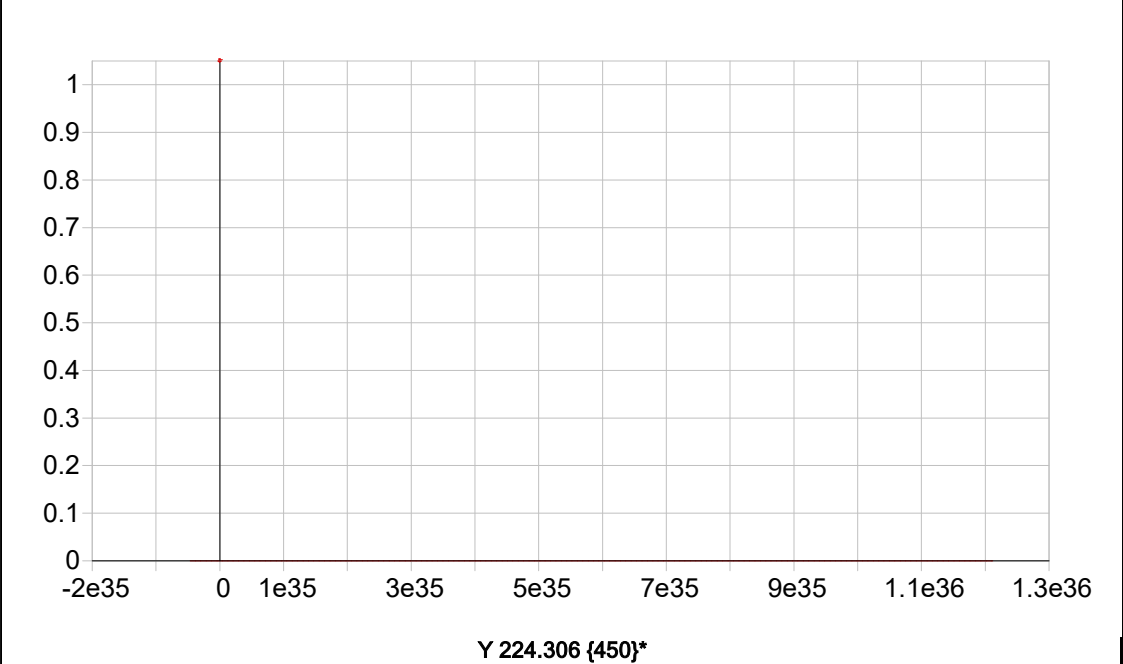
A0 (Offset): 0.001219 Re-Slope: 1.000000
 A1 (Gain): 1.909376 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000464
 Predicted MDL: 0.002039
 Predicted MQL: 0.006797

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00122	.003	1
S5	10.000	9.9916	-.008	-.084	19.083	.060	1
S4	5.0000	4.9522	-.048	-.955	9.4588	.046	1
S3	2.5000	2.5524	.052	2.10	4.8757	.004	1
S1	.02000	.01734	-.003	-13.3	.03437	.005	1
S2	.80000	.80637	.006	.796	1.5412	.047	1

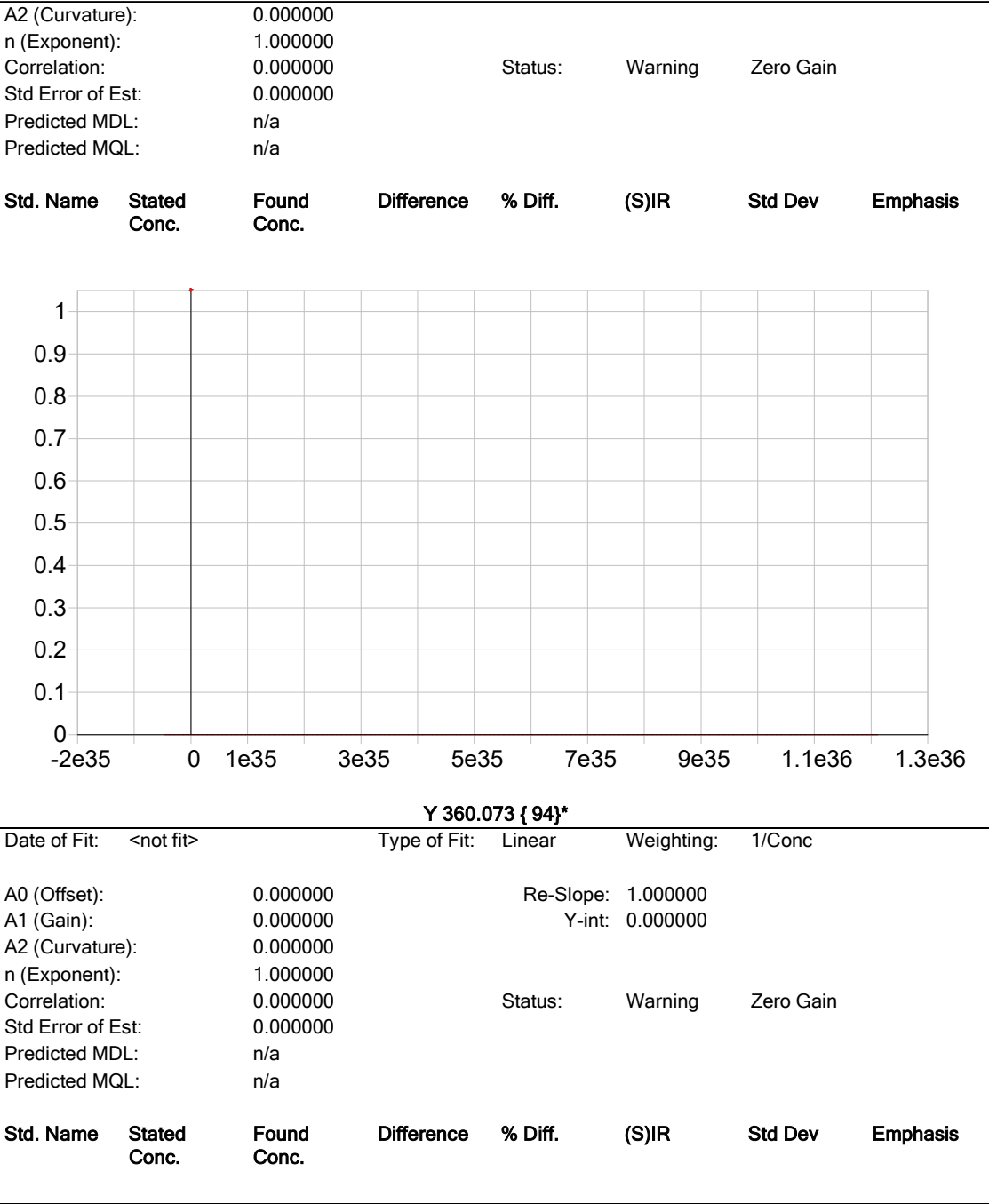


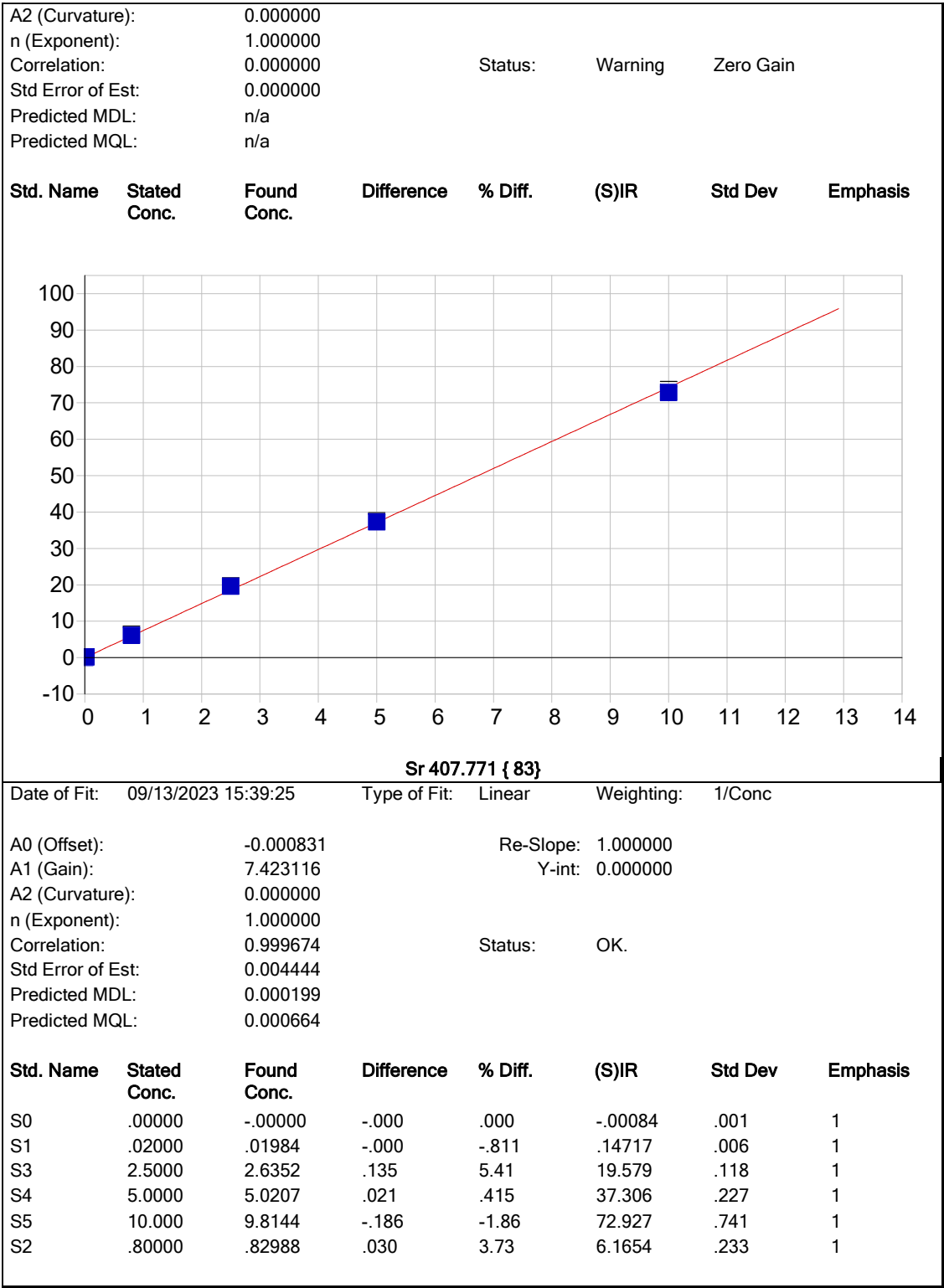
Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a					
Predicted MQL:	n/a					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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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		





Sample Name: S0 Acquired: 09/13/2023 14:26:03 Type: Cal
Method: NON EPA-6010-200.7(v162) 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	-.00004	.00036	.00004	.00033	.00068	-.00411	.02993	-.00296
Stddev	.00021	.00006	.00009	.00011	.00021	.00172	.00201	.00066
%RSD	553.59	17.246	203.94	34.600	31.218	41.954	6.7273	22.279

#1	-.00012	.00029	.00003	.00027	.00052	-.00349	.02934	-.00245
#2	.00020	.00041	-.00004	.00046	.00059	-.00606	.03218	-.00371
#3	-.00019	.00037	.00014	.00026	.00092	-.00278	.02829	-.00273

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00199	.00511	.00002	-.00133	-.00075	.00030	.00032	.00026
Stddev	.00035	.00096	.00003	.00022	.00060	.00024	.00013	.00071
%RSD	17.758	18.834	134.27	16.173	80.544	80.807	41.614	274.04

#1	-.00161	.00598	-.00001	-.00157	-.00006	.00014	.00018	.00103
#2	-.00206	.00408	.00005	-.00127	-.00099	.00057	.00033	.00012
#3	-.00230	.00528	.00004	-.00115	-.00120	.00018	.00044	-.00037

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00194	-.00092	-.02260	-.00039	.00184	.02834	-.00071	.01008
Stddev	.00014	.00003	.00357	.00019	.00068	.00300	.00012	.00019
%RSD	7.1622	3.3856	15.789	48.689	37.266	10.583	17.442	1.8807

#1	-.00210	-.00092	-.02611	-.00024	.00240	.02503	-.00085	.01027
#2	-.00182	-.00089	-.01898	-.00033	.00203	.02911	-.00062	.00989
#3	-.00192	-.00095	-.02270	-.00061	.00107	.03087	-.00066	.01008

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	-.00005	.00052	.00953	.00034	.00354	.00122	-.00084	
Stddev	.00026	.00002	.00060	.00013	.00040	.00345	.00091	
%RSD	544.51	4.1024	6.2889	38.096	11.233	282.03	108.45	

#1	.00020	.00054	.00936	.00042	.00372	.00381	-.00040	
#2	-.00032	.00051	.01020	.00019	.00382	.00255	-.00189	
#3	-.00002	.00051	.00904	.00040	.00309	-.00269	-.00024	

Sample Name: S0 Acquired: 09/13/2023 14:26:03 Type: Cal
Method: NON EPA-6010-200.7(v162) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1608.4	2030.1	53284.	3178.8	2208.9
Stddev	11.0	2.3	176.	9.1	.7
%RSD	.68317	.11188	.32977	.28670	.03195
#1	1612.6	2032.5	53338.	3173.6	2208.7
#2	1595.9	2029.9	53087.	3189.3	2208.4
#3	1616.7	2028.0	53426.	3173.5	2209.7

Sample Name: S1 Acquired: 09/13/2023 14:30:05 Type: Cal
Method: NON EPA-6010-200.7(v162) 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	.00041	.00112	.00215	.00081	.00585	.00868	.45896	.05261
Stddev	.00006	.00012	.00031	.00010	.00018	.00022	.01961	.00253
%RSD	14.737	10.369	14.558	12.350	3.1423	2.5586	4.2734	4.8003

#1	.00037	.00104	.00245	.00084	.00584	.00858	.45627	.05271
#2	.00038	.00125	.00216	.00088	.00603	.00893	.44083	.05004
#3	.00048	.00107	.00183	.00069	.00567	.00852	.47978	.05509

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01365	.11789	.00163	.02100	.00201	.00194	.00386	.01322
Stddev	.00027	.00407	.00003	.00035	.00209	.00013	.00057	.00019
%RSD	1.9656	3.4550	1.7006	1.6775	103.82	6.7843	14.646	1.4338

#1	.01371	.11648	.00166	.02108	-.00017	.00201	.00349	.01309
#2	.01388	.11472	.00162	.02130	.00399	.00179	.00358	.01314
#3	.01335	.12249	.00161	.02061	.00221	.00203	.00451	.01344

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02911	.00098	.00009	.00330	.06673	.09803	-.00047	.07508
Stddev	.00041	.00004	.00088	.00038	.00012	.00519	.00009	.00239
%RSD	1.4124	3.6419	964.25	11.430	.17740	5.2955	20.153	3.1885

#1	.02920	.00101	-.00037	.00306	.06660	.09750	-.00057	.07650
#2	.02947	.00098	.00110	.00310	.06681	.09312	-.00038	.07231
#3	.02866	.00094	-.00046	.00373	.06679	.10346	-.00047	.07642

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.08305	.00061	.23361	.00388	.01522	.03437	.14717	
Stddev	.00149	.00010	.00978	.00008	.00088	.00452	.00557	
%RSD	1.7956	15.873	4.1856	2.1708	5.7516	13.157	3.7822	

#1	.08330	.00055	.23668	.00381	.01496	.03915	.14861	
#2	.08440	.00072	.22266	.00397	.01450	.03015	.14103	
#3	.08145	.00056	.24148	.00386	.01619	.03383	.15188	

Sample Name: S1 Acquired: 09/13/2023 14:30:05 Type: Cal
Method: NON EPA-6010-200.7(v162) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1609.7	2056.0	53232.	3261.6	2232.5
Stddev	8.1	26.3	208.	112.1	28.3
%RSD	.50098	1.2775	.39167	3.4373	1.2688
#1	1604.3	2047.1	53230.	3233.8	2227.2
#2	1605.8	2035.3	53024.	3385.0	2207.2
#3	1619.0	2085.5	53441.	3166.0	2263.1

Sample Name: S2 Acquired: 09/13/2023 14:34:08 Type: Cal
Method: NON EPA-6010-200.7(v162) 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	.02083	.01961	.13557	.02601	.09202	.17731	7.4958	.38740
Stddev	.00020	.00086	.00064	.00021	.00019	.00685	.2268	.01332
%RSD	.95118	4.4108	.47039	.81753	.21126	3.8650	3.0257	3.4396

#1	.02068	.02060	.13528	.02595	.09182	.17191	7.3629	.38100
#2	.02075	.01920	.13514	.02583	.09221	.18502	7.7577	.40272
#3	.02105	.01903	.13631	.02625	.09204	.17500	7.3669	.37849

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0139	.24834	.02636	.31947	.02360	.01386	.08345	.02684
Stddev	.0046	.00694	.00009	.00024	.00119	.00074	.00228	.00159
%RSD	.44884	2.7942	.35228	.07535	5.0416	5.3655	2.7371	5.9133

#1	1.0186	.24436	.02646	.31975	.02452	.01358	.08191	.02547
#2	1.0134	.25635	.02635	.31935	.02225	.01471	.08607	.02858
#3	1.0096	.24431	.02628	.31931	.02402	.01330	.08236	.02646

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.33132	.04023	.02270	.03544	.67605	.17597	.01750	.57561
Stddev	.00063	.00031	.00202	.00169	.00247	.00848	.00016	.01556
%RSD	.19128	.77877	8.8980	4.7601	.36465	4.8216	.91976	2.7024

#1	.33197	.04044	.02371	.03449	.67848	.17019	.01767	.56876
#2	.33070	.03987	.02037	.03739	.67611	.18571	.01748	.59341
#3	.33127	.04039	.02402	.03444	.67355	.17201	.01735	.56465

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.32972	.01216	.50366	.08006	.27261	1.5412	6.1654
Stddev	.00149	.00009	.01486	.00079	.00920	.0465	.2332
%RSD	.45322	.73723	2.9498	.99108	3.3737	3.0200	3.7825

#1	.33125	.01214	.49420	.08092	.26635	1.5110	6.0030
#2	.32826	.01225	.52079	.07935	.28317	1.5948	6.4326
#3	.32966	.01208	.49600	.07993	.26832	1.5177	6.0605

Sample Name: S2 Acquired: 09/13/2023 14:34:08 Type: Cal
Method: NON EPA-6010-200.7(v162) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1599.9	2030.3	52820.	3188.8	2175.9
Stddev	5.4	9.7	340.	82.2	5.9
%RSD	.33767	.47786	.64343	2.5765	.27289
#1	1597.7	2019.2	52590.	3229.0	2169.3
#2	1606.1	2037.2	53210.	3094.3	2180.7
#3	1596.1	2034.5	52659.	3243.2	2177.7

Sample Name: S3 Acquired: 09/13/2023 14:38:03 Type: Cal
Method: NON EPA-6010-200.7(v162) 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	.06580	.06233	.43381	.08095	.29127	.56336	23.645	1.2158
Stddev	.00040	.00525	.00105	.00095	.00090	.00685	.042	.0039
%RSD	.61274	8.4171	.24149	1.1758	.31068	1.2163	.17654	.31639

#1	.06576	.06838	.43324	.08177	.29081	.55548	23.597	1.2135
#2	.06542	.05912	.43316	.07991	.29068	.56794	23.670	1.2202
#3	.06622	.05948	.43502	.08117	.29231	.56666	23.668	1.2136

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2528	.76316	.08326	1.0379	.07359	.04377	.26253	.08300
Stddev	.0233	.00365	.00006	.0008	.00129	.00071	.00125	.00033
%RSD	.71471	.47787	.07579	.07911	1.7475	1.6322	.47671	.40274

#1	3.2796	.75921	.08326	1.0371	.07502	.04444	.26124	.08334
#2	3.2378	.76387	.08320	1.0378	.07253	.04302	.26373	.08267
#3	3.2412	.76639	.08333	1.0387	.07323	.04384	.26262	.08299

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0687	.12790	.11777	.11259	2.1253	.50628	.05987	1.7912
Stddev	.0011	.00029	.00470	.00049	.0063	.00492	.00182	.0019
%RSD	.10449	.22427	3.9927	.43725	.29784	.97140	3.0387	.10716

#1	1.0674	.12759	.11242	.11203	2.1182	.50309	.06194	1.7891
#2	1.0696	.12815	.12128	.11276	2.1304	.51194	.05850	1.7928
#3	1.0691	.12796	.11960	.11297	2.1273	.50380	.05918	1.7918

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0550	.03974	1.5478	.26033	.85180	4.8757	19.579
Stddev	.0029	.00061	.0040	.00059	.00463	.0039	.118
%RSD	.27263	1.5230	.25591	.22534	.54406	.07923	.60462

#1	1.0563	.04041	1.5452	.26065	.84650	4.8801	19.461
#2	1.0517	.03923	1.5524	.25965	.85508	4.8726	19.698
#3	1.0570	.03959	1.5459	.26068	.85383	4.8746	19.579

Sample Name: S3 Acquired: 09/13/2023 14:38:03 Type: Cal
Method: NON EPA-6010-200.7(v162) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1568.9	1977.5	51669.	3189.7	2066.8
Stddev	.7	2.6	42.	4.8	6.0
%RSD	.04338	.12995	.08176	.14960	.28948
#1	1568.4	1974.7	51620.	3186.1	2065.0
#2	1569.7	1978.2	51693.	3187.8	2061.9
#3	1568.7	1979.7	51693.	3195.1	2073.5

Sample Name: S4 Acquired: 09/13/2023 14:41:54 Type: Cal
Method: NON EPA-6010-200.7(v162) 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	.12944	.11961	.85560	.15713	.55909	1.0745	45.371	2.3111
Stddev	.00051	.00994	.00120	.00123	.00051	.0124	.337	.0145
%RSD	.39153	8.3110	.14011	.78202	.09204	1.1567	.74380	.62794

#1	.12918	.11163	.85431	.15572	.55850	1.0688	45.109	2.3042
#2	.13002	.11646	.85669	.15770	.55933	1.0888	45.752	2.3278
#3	.12911	.13075	.85580	.15796	.55943	1.0660	45.251	2.3014

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.4184	1.4545	.15875	2.0118	.14174	.08177	.49939	.15782
Stddev	.0534	.0112	.00039	.0023	.00269	.00082	.00283	.00084
%RSD	.83126	.77280	.24659	.11289	1.8955	.99764	.56755	.53008

#1	6.3710	1.4477	.15866	2.0092	.13987	.08106	.49702	.15686
#2	6.4079	1.4675	.15841	2.0134	.14482	.08266	.50253	.15836
#3	6.4762	1.4485	.15918	2.0128	.14053	.08159	.49862	.15825

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0687	.24399	.24336	.21597	4.0329	.96894	.11842	3.4421
Stddev	.0036	.00073	.00369	.00300	.0175	.00287	.00507	.0248
%RSD	.17185	.29732	1.5160	1.3870	.43332	.29638	4.2855	.71909

#1	2.0653	.24381	.23917	.21337	4.0531	.96570	.11382	3.4289
#2	2.0724	.24337	.24610	.21925	4.0231	.97116	.11758	3.4706
#3	2.0685	.24479	.24483	.21529	4.0226	.96995	.12386	3.4266

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0186	.07876	3.0001	.50648	1.6386	9.4588	37.306
Stddev	.0049	.00169	.0211	.00259	.0112	.0461	.227
%RSD	.24029	2.1443	.70315	.51231	.68031	.48708	.60886

#1	2.0137	.07735	2.9833	.50393	1.6298	9.4240	37.194
#2	2.0186	.07828	3.0237	.50641	1.6511	9.5111	37.567
#3	2.0234	.08063	2.9931	.50911	1.6349	9.4414	37.156

Sample Name: S4 Acquired: 09/13/2023 14:41:54 Type: Cal
Method: NON EPA-6010-200.7(v162) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1552.8	1960.5	51124.	3182.7	1995.8
Stddev	9.9	6.3	67.	23.8	5.7
%RSD	.63907	.32075	.13153	.74627	.28374
#1	1541.6	1957.9	51052.	3186.9	1994.9
#2	1556.2	1955.9	51185.	3157.1	1990.6
#3	1560.5	1967.7	51136.	3204.0	2001.8

Sample Name: S5 Acquired: 09/13/2023 14:45:43 Type: Cal
Method: NON EPA-6010-200.7(v162) 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	.25926	.24528	1.7305	.31099	1.1167	2.1446	90.061	4.4889
Stddev	.00071	.01775	.0039	.00100	.0022	.0123	.207	.0474
%RSD	.27195	7.2366	.22622	.32134	.19273	.57218	.22970	1.0560

#1	.25847	.26578	1.7267	.31164	1.1170	2.1307	89.861	4.4859
#2	.25948	.23515	1.7303	.31148	1.1188	2.1492	90.047	4.4431
#3	.25982	.23492	1.7345	.30984	1.1145	2.1540	90.274	4.5378

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12.966	2.8697	.31330	4.0749	.28404	.16149	.98040	.31098
Stddev	.067	.0093	.00116	.0097	.00095	.00176	.00895	.00339
%RSD	.51434	.32287	.36984	.23799	.33466	1.0920	.91273	1.0905

#1	13.040	2.8632	.31249	4.0640	.28328	.15946	.97306	.30727
#2	12.912	2.8657	.31278	4.0784	.28375	.16235	.97778	.31176
#3	12.945	2.8803	.31463	4.0824	.28511	.16266	.99037	.31392

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.1721	.48327	.49278	.43108	7.8747	1.9407	.24909	6.6854
Stddev	.0085	.00126	.00273	.00455	.0483	.0125	.00661	.0768
%RSD	.20477	.26126	.55398	1.0565	.61267	.64463	2.6521	1.1483

#1	4.1631	.48393	.48966	.42608	7.8568	1.9313	.25666	6.6812
#2	4.1730	.48182	.49471	.43218	7.9293	1.9360	.24448	6.6108
#3	4.1802	.48407	.49397	.43499	7.8380	1.9549	.24614	6.7642

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.0125	.16352	5.9217	1.0309	3.2509	19.083	72.927
Stddev	.0056	.00125	.0805	.0009	.0217	.060	.741
%RSD	.14005	.76504	1.3594	.08314	.66688	.31334	1.0157

#1	4.0131	.16492	5.8917	1.0316	3.2265	19.020	72.122
#2	4.0178	.16253	5.8605	1.0300	3.2578	19.090	73.077
#3	4.0066	.16310	6.0129	1.0313	3.2682	19.138	73.581

Sample Name: S5 Acquired: 09/13/2023 14:45:43 Type: Cal
Method: NON EPA-6010-200.7(v162) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1517.8	1905.2	49966.	3181.1	1884.2
Stddev	12.7	6.8	135.	22.0	6.0
%RSD	.83849	.35926	.27103	.69080	.31995
#1	1517.9	1913.0	49821.	3170.3	1890.7
#2	1505.1	1900.1	49989.	3206.4	1883.2
#3	1530.5	1902.5	50089.	3166.6	1878.7

Sample Name: ICV01 Acquired: 09/13/2023 14:49:37 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.009425	1.047041	1.013688	1.044567	.9911189	2.567729
Stddev	.006505	.012980	.006706	.004499	.0027846	.019967
%RSD	.6444353	1.239689	.6615317	.4306651	.2809513	.7776177

#1	1.015453	1.061871	1.011765	1.042676	.9929484	2.544797
#2	1.002530	1.037743	1.021145	1.041323	.9879143	2.581261
#3	1.010291	1.041510	1.008154	1.049703	.9924940	2.577130

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5135693	.5165634	.5094110	10.09147	.5202098	.5019944
Stddev	.0016019	.0023844	.0010316	.04266	.0014573	.0011371
%RSD	.3119140	.4615817	.2025088	.4226865	.2801447	.2265138

#1	.5117999	.5193163	.5086675	10.04653	.5187093	.5031725
#2	.5149209	.5152216	.5089768	10.09649	.5203003	.5019073
#3	.5139872	.5151523	.5105887	10.13140	.5216198	.5009033

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5260535	10.41633	.5145620	5.902112	.5056713	.2536508
Stddev	.0114530	.06089	.0007537	.198326	.0006708	.0014206
%RSD	2.177164	.5845301	.1464650	3.360258	.1326654	.5600705

#1	.5363918	10.36516	.5144698	5.707506	.5064427	.2549913
#2	.5137421	10.40015	.5153574	5.894869	.5053466	.2537996
#3	.5280265	10.48367	.5138586	6.103960	.5052246	.2521617

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08429	.4777312	1.024804	9.534978	F 1.043452	2.502988
Stddev	.20999	.0115537	.004116	.130369	.009549	.015902
%RSD	2.082322	2.418461	.4016383	1.367269	.9151563	.6353344

#1	10.29252	.4663217	1.028024	9.626214	1.032747	2.521289
#2	10.08775	.4894239	1.026221	9.385663	1.046515	2.495132
#3	9.87259	.4774481	1.020167	9.593057	1.051094	2.492542

Sample Name: ICV01 Acquired: 09/13/2023 14:49:37 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.473100	F 2.204987	2.598834	2.390251	2.462822	F -.001379
Stddev	.001946	.018430	.018167	.005002	.016323	.000500
%RSD	.0786830	.8358100	.6990381	.2092778	.6627858	36.23425

#1	2.472871	2.195322	2.619591	2.393290	2.447548	-.001467
#2	2.471279	2.226238	2.591082	2.384478	2.460894	-.001828
#3	2.475151	2.193400	2.585830	2.392985	2.480024	-.000841

Elem	Sr4077
Units	ppm
Avg	2.472158
Stddev	.011404
%RSD	.4612927

#1	2.466208
#2	2.464959
#3	2.485306

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1603.455	2017.029	52719.02	3257.033	2132.550
Stddev	2.465	5.729	87.34	20.391	3.984
%RSD	.1537429	.2840098	.1656694	.6260487	.1867966

#1	1600.609	2018.835	52637.54	3233.719	2133.659
#2	1604.853	2021.637	52811.23	3271.539	2135.862
#3	1604.903	2010.615	52708.29	3265.843	2128.130

Sample Name: CRI01 Acquired: 09/13/2023 14:54:30 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0170614	.0310137	.0127274	.0184745	.0500552	.0960481
Stddev	.0114057	.0053335	.0033788	.0050775	.0013150	.0171347
%RSD	66.85109	17.19718	26.54753	27.48367	2.627206	17.83975

#1	.0246558	.0304753	.0122145	.0235650	.0514537	.1049857
#2	.0225827	.0259698	.0096344	.0184484	.0488436	.0762925
#3	.0039457	.0365959	.0163333	.0134101	.0498683	.1068663

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0960923	.0060459	.0060180	1.984903	.0096156	.0274685
Stddev	.0008423	.0000465	.0001952	.007118	.0001008	.0001141
%RSD	.8765684	.7686806	3.243893	.3585984	1.048083	.4153152

#1	.0951611	.0060880	.0058189	1.985172	.0097294	.0275903
#2	.0963147	.0060536	.0060261	1.991883	.0095375	.0274509
#3	.0968011	.0059960	.0062090	1.977655	.0095800	.0273642

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213712	.0933010	.0183668	2.020137	.0372123	.0099316
Stddev	.0138281	.0159533	.0030875	.041362	.0002247	.0002023
%RSD	64.70424	17.09878	16.81038	2.047495	.6038482	2.037064

#1	.0289221	.1017166	.0187053	2.031836	.0370254	.0096982
#2	.0297799	.0749019	.0151239	2.054390	.0371500	.0100405
#3	.0054116	.1032844	.0212711	1.974185	.0374616	.0100562

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.944360	.0421076	.0398125	1.852647	F .0125478	.1073696
Stddev	.120490	.0028594	.0004270	.075109	.0020802	.0004346
%RSD	6.196893	6.790750	1.072446	4.054155	16.57793	.4047200

#1	2.076197	.0439012	.0399274	1.921682	.0148456	.1071160
#2	1.839943	.0436115	.0393398	1.863593	.0107930	.1071215
#3	1.916942	.0388100	.0401702	1.772665	.0120048	.1078714

Sample Name: CRI01 Acquired: 09/13/2023 14:54:30 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2057802	F .0118637	.3861592	.0356164	.0389560	.0178242
Stddev	.0005016	.0089952	.0038202	.0000906	.0008753	.0016156
%RSD	.2437428	75.82130	.9892928	.2545282	2.246917	9.064405

#1	.2052228	.0125966	.3890537	.0355123	.0389344	.0194570
#2	.2061952	.0025245	.3818291	.0356596	.0398420	.0162263
#3	.2059225	.0204701	.3875946	.0356774	.0380918	.0177892

Elem	Sr4077
Units	ppm
Avg	.0199286
Stddev	.0000703
%RSD	.3529430

#1	.0199837
#2	.0199527
#3	.0198494

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1607.863	2029.863	53241.30	3243.250	2208.288
Stddev	8.817	7.711	114.88	5.241	2.737
%RSD	.5483431	.3798809	.2157770	.1615884	.1239548

#1	1600.010	2023.834	53116.83	3238.060	2206.692
#2	1606.178	2027.203	53263.80	3248.540	2206.722
#3	1617.400	2038.552	53343.26	3243.150	2211.449

Sample Name: ICB01 Acquired: 09/13/2023 14:58:32 Type: Unk
Method: NON EPA-6010-200.7(v162) 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	-.003615	-.004758	-.001380	.0003171	.0037727	.0068520	-.000912
Stddev	.004801	.005983	.003263	.0053150	.0023384	.0339671	.000663
%RSD	132.8316	125.7400	236.4594	1676.091	61.98215	495.7225	72.64440

#1	.001182	.001361	-.004380	.0027823	.0028360	-.030603	-.001646
#2	-.003606	-.010595	.002095	-.005783	.0064342	.035659	-.000357
#3	-.008421	-.005041	-.001855	.003952	.0020478	.015500	-.000734

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000597	.0003291	.0056168	-.000000	.0001992	-.000384	-.014425
Stddev	.0000272	.0000497	.0058981	.000293	.0001514	.008136	.004629
%RSD	45.58131	15.10769	105.0093	67107.91	76.00921	2121.161	32.09431

#1	.0000906	.0003816	.0099712	-.000339	.0001212	-.005039	-.015189
#2	.0000397	.0002828	.0079747	.000153	.0003737	-.005123	-.009461
#3	.0000486	.0003228	-.001096	.000184	.0001027	.009011	-.018625

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001019	.0261710	-.000217	-.000274	.1922176	.0038359	.0000819
Stddev	.001395	.0292121	.000451	.000652	.2848254	.0037790	.0003967
%RSD	136.9016	111.6202	207.7126	238.5192	148.1786	98.51870	484.3082

#1	.000429	.0238173	-.000623	-.001005	-.064605	.0079899	.0004539
#2	-.002355	-.001793	.000269	.000249	.142705	.0006016	.0001276
#3	-.001131	.056489	-.000298	-.000065	.498553	.0029160	-.000336

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016828	-.005497	.0012575	-.000237	-.008817	.0004684	-.000264
Stddev	.081099	.003546	.0015868	.000099	.005807	.0009528	.000977
%RSD	481.9427	64.49374	126.1868	41.81631	65.86245	203.4202	369.5878

#1	.031728	-.009559	.0014024	-.000151	-.007660	.0015605	-.000257
#2	.028241	-.003913	.0027669	-.000214	-.015115	.0000381	-.001245
#3	-.110451	-.003020	-.000397	-.000345	-.003675	-.000193	.000709

Sample Name: ICB01 Acquired: 09/13/2023 14:58:32 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001712	.0009205	-.000077
Stddev	.002761	.0015862	.000062
%RSD	161.2278	172.3253	80.35712

#1	-.004032	-.000788	-.000113
#2	-.002446	.002347	-.000006
#3	.001341	.001203	-.000111

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1609.571	2034.680	53214.13	3341.320	2215.766
Stddev	10.100	2.925	601.11	211.885	3.125
%RSD	.6275207	.1437510	1.129610	6.341352	.1410222

#1	1598.113	2032.886	52521.48	3231.040	2212.222
#2	1617.187	2038.055	53599.37	3207.320	2218.124
#3	1613.413	2033.099	53521.54	3585.600	2216.951

Sample Name: ICSA01 Acquired: 09/13/2023 15:06:40 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005567	.0137764	.0006391	.0047159	.0038454	261.1441	.0063576
Stddev	.003336	.0062553	.0058968	.0109017	.0012034	2.5637	.0007794
%RSD	59.92032	45.40595	922.7343	231.1712	31.29381	.9817133	12.25926

#1	-.005700	.0142334	.0073798	-.005452	.0040320	258.2284	.0056415
#2	-.002167	.0197906	-.001898	.003373	.0025596	262.1587	.0071877
#3	-.008834	.0073051	-.003565	.016227	.0049446	263.0452	.0062437

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012583	-.001384	248.1861	.0479351	-.001624	.0181095	101.3809
Stddev	.0000548	.000113	1.9642	.0007191	.000330	.0040178	.9923
%RSD	4.353428	8.139516	.7914356	1.500238	20.31326	22.18625	.9787666

#1	.0012957	-.001353	245.9597	.0473613	-.001885	.0226205	100.2917
#2	.0011954	-.001509	248.9243	.0487418	-.001253	.0149154	101.6174
#3	.0012839	-.001291	249.6742	.0477022	-.001733	.0167926	102.2335

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099059	258.9824	.0008404	-.002699	.5564678	-.001037	.0003614
Stddev	.0010990	4.5313	.0003276	.000403	.2415278	.006646	.0004482
%RSD	11.09416	1.749659	38.98165	14.92543	43.40372	640.9228	124.0197

#1	.0087930	254.4983	.0012089	-.002773	.5733143	.000756	.0001087
#2	.0099343	258.8896	.0007307	-.003061	.7891313	-.008395	.0008789
#3	.0109904	263.5594	.0005818	-.002265	.3069579	.004528	.0000966

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.059746	-.016349	.0920384	-.002238	.0019017	-.006159	-.006401
Stddev	.094654	.006175	.0017540	.000460	.0120755	.001299	.000393
%RSD	158.4274	37.76882	1.905707	20.57117	634.9729	21.09033	6.139155

#1	-.047818	-.022284	.0900181	-.002689	.0153772	-.006095	-.006361
#2	-.159799	-.016804	.0929259	-.002256	-.007939	-.007488	-.006030
#3	.028379	-.009959	.0931713	-.001768	-.001733	-.004893	-.006813

Sample Name: ICSA01 Acquired: 09/13/2023 15:06:40 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000942	-.019628	.0031291
Stddev	.002980	.000486	.0003395
%RSD	316.1982	2.477974	10.84922

#1	.002208	-.019068	.0030726
#2	-.003715	-.019869	.0034933
#3	-.001320	-.019947	.0028214

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1462.034	1840.299	47881.37	3088.289	1787.151
Stddev	9.395	4.509	186.58	8.882	4.226
%RSD	.6425688	.2450068	.3896729	.2876061	.2364562

#1	1460.530	1844.614	47760.47	3093.315	1787.728
#2	1453.482	1840.665	47787.38	3078.033	1782.666
#3	1472.090	1835.619	48096.25	3093.518	1791.058

Sample Name: ICSAB01 Acquired: 09/13/2023 15:10:42 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0884174	.1316030	.0525200	.0650027	.6116034	254.1024
Stddev	.0065247	.0029432	.0017430	.0058292	.0003022	1.8040
%RSD	7.379451	2.236390	3.318711	8.967636	.0494168	.7099692

#1	.0838105	.1285130	.0544048	.0584316	.6113240	252.0194
#2	.0855579	.1343733	.0521888	.0695511	.6115619	255.1648
#3	.0958836	.1319228	.0509664	.0670255	.6119242	255.1230

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5147085	.5101830	1.018915	242.2325	.5446821	.4932429
Stddev	.0020372	.0011175	.004546	1.5051	.0028615	.0015499
%RSD	.3957868	.2190452	.4461434	.6213383	.5253538	.3142312

#1	.5125019	.5107521	1.022390	240.6562	.5425226	.4916775
#2	.5151059	.5109015	1.020584	242.3869	.5479276	.4932743
#3	.5165177	.5088955	1.013770	243.6545	.5435961	.4947769

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5258740	98.73555	.5102911	251.5794	.9805913	.1834216
Stddev	.0068193	.86915	.0069604	2.7735	.0021364	.0010249
%RSD	1.296763	.8802763	1.364007	1.102435	.2178656	.5587474

#1	.5247422	97.77185	.5025927	248.6827	.9792737	.1831054
#2	.5331885	98.97478	.5121408	251.8449	.9794439	.1825922
#3	.5196914	99.46003	.5161399	254.2106	.9830562	.1845674

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2051976	.4989483	1.023061	-.103298	F 1.248217	1.054486
Stddev	.2566460	.0161169	.003135	.128402	.022216	.003627
%RSD	125.0726	3.230173	.3064807	124.3030	1.779827	.3439685

#1	.3161853	.4803456	1.020605	-.233453	1.265511	1.053179
#2	-.088264	.5077932	1.021986	-.099718	1.255978	1.058586
#3	.387671	.5087062	1.026593	.023277	1.223161	1.051694

Sample Name: ICSAB01 Acquired: 09/13/2023 15:10:42 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9727629	1.088745	.8870770	.9946919	.9775303	F -.019251
Stddev	.0005920	.016286	.0041161	.0018711	.0090040	.001747
%RSD	.0608612	1.495842	.4640112	.1881100	.9211000	9.075909

#1	.9720940	1.102139	.8892456	.9925764	.9672534	-.017369
#2	.9732196	1.093480	.8896554	.9961299	.9840332	-.020822
#3	.9729750	1.070616	.8823300	.9953695	.9813043	-.019561

Elem	Sr4077
Units	ppm
Avg	1.041168
Stddev	.006015
%RSD	.5777525

#1	1.034796
#2	1.046748
#3	1.041959

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1456.263	1838.473	47807.67	3103.610	1791.181
Stddev	7.649	3.100	124.14	1.683	3.961
%RSD	.5252396	.1685972	.2596588	.0542241	.2211415

#1	1460.433	1839.632	47815.32	3101.746	1792.473
#2	1460.920	1834.961	47927.80	3104.066	1786.735
#3	1447.435	1840.826	47679.88	3105.018	1794.335

Sample Name: ICSADLX20 Acquired: 09/13/2023 15:14:33 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003755	-.002823	-.001627	-.004006	-.001525	F 12.78763
Stddev	.003580	.008883	.000664	.008760	.003270	.05647
%RSD	95.34069	314.6429	40.80681	218.6565	214.4422	.4415866

#1	-.006011	.000049	-.001389	-.002269	-.004036	12.82463
#2	.000373	-.012787	-.001115	.003755	-.002711	12.72263
#3	-.005627	.004269	-.002377	-.013505	.002173	12.81562

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004341	.0002372	.0001776	F 12.63037	F .0026204	-.000326
Stddev	.0009457	.0000636	.0000956	.04735	.0002264	.000339
%RSD	217.8600	26.82574	53.82775	.3749123	8.640009	104.0955

#1	-.000654	.0002035	.0002774	12.65685	.0028366	.000047
#2	.001063	.0003106	.0000868	12.57570	.0026395	-.000618
#3	.000893	.0001975	.0001687	12.65856	.0023850	-.000407

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000987	F 5.268239	-.001668	F 12.76476	-.000174	-.000221
Stddev	.005169	.024569	.000253	.11112	.000575	.000060
%RSD	523.6854	.4663560	15.15955	.8705578	331.1273	27.28893

#1	-.003550	5.243413	-.001960	12.63936	-.000244	-.000201
#2	.004963	5.268762	-.001537	12.80389	-.000711	-.000289
#3	-.004374	5.292542	-.001508	12.85102	.000434	-.000174

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4505499	-.004069	.0002074	.0392480	-.006343	.0023622
Stddev	.1836459	.003730	.0007287	.0303694	.002150	.0004044
%RSD	40.76038	91.66902	351.2933	77.37824	33.88878	17.11908

#1	.4341193	.000067	.0004200	.0142797	-.004860	.0027505
#2	.2756715	-.005096	-.000604	.0730568	-.008808	.0019435
#3	.6418590	-.007177	.000806	.0304076	-.005361	.0023926

Sample Name: ICSADLX20 Acquired: 09/13/2023 15:14:33 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000731	-.006128	.0007941	-.001877	.0028082	-.002817
Stddev	.000300	.010571	.0022449	.001439	.0016470	.002590
%RSD	41.01468	172.4845	282.6950	76.65024	58.64854	91.94420

#1	-.000425	-.014578	-.001335	-.002488	.0030143	-.001131
#2	-.001024	-.009532	.003139	-.000234	.0010679	-.001521
#3	-.000743	.005725	.000578	-.002910	.0043425	-.005800

Elem	Sr4077
Units	ppm
Avg	-.000054
Stddev	.000159
%RSD	295.3338

#1	-.000237
#2	.000045
#3	.000031

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1627.000	2025.888	53647.25	3240.310	2150.359
Stddev	58.307	11.985	1642.57	25.793	5.668
%RSD	3.583708	.5916088	3.061799	.7960098	.2635846

#1	1603.198	2019.804	52820.15	3212.490	2148.460
#2	1693.443	2039.695	55538.96	3263.430	2156.732
#3	1584.360	2018.164	52582.63	3245.010	2145.884

Sample Name: ICSABDLX20 Acquired: 09/13/2023 15:18:36 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0000442	F .0024392	F .0053266	F .0054522	F .0285386	F 12.25920
Stddev	.0059613	.0036364	.0006569	.0007997	.0025489	.05473
%RSD	13479.56	149.0851	12.33223	14.66688	8.931525	.4464197

#1	.0003703	-.000953	.0048762	.0050623	.0255954	12.22987
#2	.0058358	.001993	.0060804	.0063720	.0300262	12.22539
#3	-.006073	.006278	.0050232	.0049222	.0299942	12.32234

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0246566	F .0260383	F .0492574	F 12.11628	F .0275879	F .0232610
Stddev	.0009634	.0001651	.0002474	.05830	.0004301	.0002235
%RSD	3.907343	.6338802	.5021730	.4811478	1.558880	.9609996

#1	.0241668	.0261886	.0494053	12.06778	.0279090	.0235085
#2	.0257665	.0260646	.0489719	12.10011	.0270993	.0232006
#3	.0240364	.0258617	.0493952	12.18096	.0277553	.0230739

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0287849	F 5.036203	F .0244634	F 12.47260	F .0479114	F .0086568
Stddev	.0017212	.044875	.0015019	.23222	.0003650	.0004335
%RSD	5.979567	.8910458	6.139470	1.861868	.7617866	5.007871

#1	.0287185	4.988621	.0261413	12.27992	.0477168	.0083228
#2	.0270978	5.042225	.0240044	12.40743	.0483324	.0091468
#3	.0305383	5.077762	.0232445	12.73044	.0476850	.0085010

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1423416	F .0228149	F .0507420	-.030368	F .0204752	F .0481971
Stddev	.2195105	.0030722	.0003892	.050013	.0047240	.0006130
%RSD	154.2138	13.46588	.7669706	164.6901	23.07184	1.271867

#1	.0427329	.0205991	.0504390	-.047572	.0173704	.0475031
#2	.3939960	.0215237	.0511809	-.069508	.0259118	.0486649
#3	-.009704	.0263220	.0506061	.025976	.0181436	.0484232

Sample Name: ICSABDLX20 Acquired: 09/13/2023 15:18:36 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0463298	F .0346017	F .0436676	F .0441078	F .0441662	F -.000912
Stddev	.0004806	.0053884	.0012907	.0006822	.0004835	.001643
%RSD	1.037433	15.57275	2.955620	1.546690	1.094787	180.0419

#1	.0458134	.0319156	.0442692	.0436042	.0447000	-.002397
#2	.0464120	.0408052	.0445476	.0448842	.0440409	.000852
#3	.0467641	.0310844	.0421860	.0438352	.0437577	-.001193

Elem	Sr4077
Units	ppm
Avg	F .0462383
Stddev	.0005147
%RSD	1.113061

#1	.0457259
#2	.0467552
#3	.0462337

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1605.498	2022.231	52868.52	3220.183	2147.650
Stddev	.856	10.528	170.78	6.057	7.378
%RSD	.0533430	.5206212	.3230191	.1880928	.3435368

#1	1606.256	2010.769	53044.90	3222.500	2142.184
#2	1604.569	2031.469	52856.71	3224.740	2156.043
#3	1605.669	2024.457	52703.96	3213.310	2144.724

Sample Name: CCV01 Acquired: 09/13/2023 15:22:40 Type: Unk
Method: NON EPA-6010-200.7(v162) 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	5.020466	5.149436	4.952628	5.012285	4.970887	10.01811	10.02438
Stddev	.018497	.185278	.006974	.026496	.006260	.00777	.03972
%RSD	.3684398	3.598017	.1408152	.5286118	.1259274	.0775653	.3962425

#1	5.025629	5.266120	4.946787	5.036036	4.977389	10.01162	10.00602
#2	5.035834	4.935799	4.960350	4.983709	4.964901	10.01599	10.06996
#3	4.999936	5.246388	4.950748	5.017111	4.970371	10.02672	9.99717

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2523888	2.492212	25.07578	.9989911	2.475267	1.264594	5.033367
Stddev	.0007146	.010089	.09020	.0019988	.004955	.014207	.027636
%RSD	.2831317	.4048042	.3597139	.2000846	.2001682	1.123413	.5490580

#1	.2515653	2.501682	24.97194	1.000205	2.480581	1.261146	5.022819
#2	.2527559	2.481602	25.12071	.996684	2.474446	1.280208	5.012559
#3	.2528453	2.493353	25.13469	1.000084	2.470775	1.252429	5.064724

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.507336	24.83404	2.482570	1.242817	25.07384	2.500148	2.516505
Stddev	.004966	.00481	.005296	.002826	.41772	.009266	.005408
%RSD	.1980541	.0193648	.2133410	.2273499	1.665941	.3706079	.2148950

#1	2.505061	24.82849	2.488357	1.245006	25.46787	2.502083	2.522428
#2	2.513032	24.83705	2.477964	1.243819	25.11776	2.508293	2.515257
#3	2.503916	24.83658	2.481388	1.239627	24.63591	2.490067	2.511831

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.98305	5.055902	5.043973	4.989520	4.946378	4.979202	4.955114
Stddev	.10244	.053272	.010641	.006458	.053963	.038212	.017734
%RSD	.4100497	1.053657	.2109590	.1294274	1.090966	.7674303	.3578934

#1	24.98763	5.079339	5.031689	4.995666	4.975061	4.942062	4.962670
#2	25.08313	4.994930	5.050343	4.982790	4.884130	4.977140	4.934853
#3	24.87840	5.093438	5.049888	4.990102	4.979942	5.018403	4.967818

Sample Name: CCV01 Acquired: 09/13/2023 15:22:40 Type: Unk
 Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.029280	4.964926	5.088817
Stddev	.008951	.026208	.007911
%RSD	.1779757	.5278565	.1554563

#1	5.021614	4.942857	5.096038
#2	5.039117	4.993893	5.090052
#3	5.027109	4.958028	5.080361

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1547.999	1957.628	51112.50	3175.486	1991.520
Stddev	11.545	5.217	357.38	7.389	7.094
%RSD	.7457929	.2664705	.6992055	.2326767	.3562161

#1	1535.573	1952.617	50737.78	3167.881	1983.593
#2	1550.030	1957.238	51150.15	3175.940	1993.695
#3	1558.393	1963.028	51449.56	3182.637	1997.272

Sample Name: LLCCV01 Acquired: 09/13/2023 15:26:28 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213984	.0354762	.0140092	.0218562	.0512281	.1055733
Stddev	.0060844	.0022995	.0020269	.0072471	.0007704	.0265167
%RSD	28.43381	6.481774	14.46837	33.15802	1.503825	25.11690

#1	.0179943	.0329294	.0116945	.0276947	.0515451	.1265457
#2	.0284229	.0360991	.0148667	.0137452	.0503498	.0757673
#3	.0177780	.0374001	.0154664	.0241287	.0517894	.1144070

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1099328	.0067709	.0063714	2.271848	.0099084	.0281431
Stddev	.0263932	.0011654	.0000400	.545960	.0006034	.0000230
%RSD	24.00850	17.21174	.6279629	24.03155	6.089351	.0816932

#1	.0983878	.0063310	.0063253	2.044390	.0093645	.0281592
#2	.0912792	.0058895	.0063978	1.876392	.0105574	.0281533
#3	.1401315	.0080922	.0063910	2.894762	.0098033	.0281168

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178558	.1189227	.0223387	2.361379	.0380513	.0100457
Stddev	.0069856	.0387380	.0069474	.539208	.0001739	.0002258
%RSD	39.12219	32.57406	31.10022	22.83444	.4570747	2.247503

#1	.0248763	.0754187	.0204535	2.135377	.0382200	.0102004
#2	.0109057	.1316650	.0165285	1.971949	.0378726	.0101501
#3	.0177855	.1496846	.0300342	2.976811	.0380612	.0097866

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.205148	.0412023	.0411262	2.178094	F .0124448	.1192456
Stddev	.289555	.0086910	.0011499	.627218	.0031157	.0239407
%RSD	13.13085	21.09337	2.796078	28.79664	25.03653	20.07676

#1	2.396353	.0501556	.0403002	1.926654	.0146988	.1082862
#2	1.872012	.0327999	.0424395	1.715610	.0137462	.1027464
#3	2.347080	.0406515	.0406390	2.892020	.0088893	.1467042

Sample Name: LLCCV01 Acquired: 09/13/2023 15:26:28 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2104748	F .0067569	.4300165	.0367723	.0428014	.0206154
Stddev	.0008330	.0040669	.0830948	.0013961	.0102765	.0045713
%RSD	.3957674	60.18857	19.32363	3.796552	24.00973	22.17421

#1	.2113185	.0109593	.3949616	.0382418	.0383917	.0169750
#2	.2096529	.0028406	.3701934	.0354636	.0354656	.0191253
#3	.2104531	.0064709	.5248945	.0366113	.0545467	.0257458

Elem	Sr4077
Units	ppm
Avg	.0229023
Stddev	.0053631
%RSD	23.41726

#1	.0208089
#2	.0189016
#3	.0289963

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1603.631	2027.766	53123.13	3009.913	2204.732
Stddev	10.208	1.573	299.47	527.971	2.272
%RSD	.6365407	.0775891	.5637226	17.54107	.1030575

#1	1591.871	2029.583	52779.36	3197.290	2206.253
#2	1610.200	2026.830	53327.35	3418.640	2205.823
#3	1608.822	2026.886	53262.70	2413.810	2202.120

Sample Name: CCB01 Acquired: 09/13/2023 15:40:14 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001591	-.006645	.0007705	-.001059	-.000077	.0024552	-.000409
Stddev	.009940	.003723	.0016636	.003833	.001729	.0126442	.000587
%RSD	624.7948	56.02252	215.9240	362.0053	2235.826	515.0057	143.4471

#1	.009211	-.002847	-.000318	-.000731	.000999	.0115089	-.001082
#2	-.010352	-.010287	-.000057	.002599	.000840	-.011991	-.000008
#3	-.003631	-.006800	.002686	-.005045	-.002071	.007848	-.000137

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000425	.0002463	.0010577	.0001374	.0002565	.0037562	-.000513
Stddev	.0000259	.0000665	.0210438	.0002190	.0000615	.0061901	.005825
%RSD	60.88675	27.00817	1989.548	159.4334	23.96604	164.7987	1134.804

#1	.0000710	.0001984	-.010749	-.000115	.0003222	.0063397	.004765
#2	.0000205	.0002182	.025354	.000281	.0002003	-.003307	.000458
#3	.0000359	.0003222	-.011431	.000246	.0002472	.008236	-.006763

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001940	-.010360	-.000191	.0001458	.2586704	-.003137	-.000235
Stddev	.000400	.024707	.000215	.0004280	.2353984	.005651	.000423
%RSD	20.63920	238.4910	112.5308	293.4560	91.00325	180.1539	179.9609

#1	-.001916	.018166	-.000133	-.000180	.3261870	.003270	.000175
#2	-.002352	-.024231	-.000430	.000631	.4529330	-.007412	-.000670
#3	-.001552	-.025015	-.000012	-.000013	-.003109	-.005270	-.000210

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004485	-.005323	-.004607	-.000637	-.009485	-.000357	-.001931
Stddev	.024857	.001240	.000825	.000234	.001970	.001046	.000241
%RSD	554.2546	23.30450	17.90209	36.64940	20.76465	292.9572	12.48882

#1	.022795	-.005196	-.003919	-.000900	-.011129	-.000522	-.002111
#2	-.010398	-.004151	-.005521	-.000451	-.010025	-.001311	-.002024
#3	-.025852	-.006622	-.004381	-.000561	-.007302	.000762	-.001657

Sample Name: CCB01 Acquired: 09/13/2023 15:40:14 Type: Unk
 Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CB01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001000	-.000373	.0000247
Stddev	.003276	.000670	.0001613
%RSD	327.4471	179.7655	654.3087

#1	-.004641	-.000640	-.000154
#2	-.000069	-.000869	.000161
#3	.001709	.000390	.000067

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1684.849	2023.284	55549.07	3192.207	2199.719
Stddev	132.354	6.042	4308.85	7.801	8.471
%RSD	7.855557	.2986137	7.756834	.2443857	.3850946

#1	1609.413	2016.334	52850.92	3195.770	2190.325
#2	1607.460	2026.223	53277.91	3183.260	2202.056
#3	1837.675	2027.293	60518.39	3197.590	2206.776

Sample Name: PB150986BL Acquired: 09/13/2023 15:44:21 Type: Unk
Method: NON EPA-6010-200.7(v162) 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	.0023990	-.001400	.0015504	.0025095	-.000891	.0103297	-.001205
Stddev	.0074824	.004847	.0024314	.0011889	.001659	.0105842	.000656
%RSD	311.8965	346.2233	156.8238	47.37601	186.2311	102.4643	54.41856

#1	.0037137	-.003708	.0021570	.0021269	-.000065	.0220616	-.000452
#2	.0091369	.004170	.0036210	.0015590	.000193	.0074297	-.001514
#3	-.005654	-.004662	-.001127	.0038426	-.002800	.0014977	-.001651

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001254	.0002795	-.003298	-.000015	.0003632	-.001710	-.011878
Stddev	.0000584	.0000627	.008294	.000424	.0003896	.006858	.011634
%RSD	46.55543	22.43686	251.4391	2911.628	107.2561	401.0955	97.95024

#1	.0000580	.0002590	-.012145	-.000003	.0000827	.006206	-.025140
#2	.0001568	.0003498	.004301	.000403	.0008080	-.005847	-.007102
#3	.0001613	.0002295	-.002052	-.000444	.0001989	-.005489	-.003392

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001409	-.015978	.0002247	-.000155	.2616062	.0007021	-.000314
Stddev	.000940	.153507	.0005140	.000301	.1587516	.0021524	.000429
%RSD	66.69764	960.7646	228.7769	194.8944	60.68340	306.5531	136.7616

#1	-.000739	-.153006	.0006151	.000039	.3693904	.0016310	-.000474
#2	-.001005	.149911	.0004166	-.000001	.3361236	-.001759	-.000639
#3	-.002484	-.044838	-.000358	-.000502	.0793047	.002234	.000172

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006981	-.007916	-.005431	-.000522	-.013255	-.000869	-.001192
Stddev	.073004	.003074	.000753	.000599	.011108	.000965	.001299
%RSD	1045.719	38.83170	13.85989	114.7164	83.80045	111.0010	108.9741

#1	.029556	-.009901	-.006010	.000068	-.017196	.000128	-.000198
#2	-.091040	-.009472	-.005704	-.000504	-.000714	-.000938	-.000716
#3	.040540	-.004375	-.004580	-.001130	-.021854	-.001798	-.002662

Sample Name: PB150986BL Acquired: 09/13/2023 15:44:21 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001482	-.001705	-.000132
Stddev	.001368	.001672	.000150
%RSD	92.33723	98.06620	114.1349

#1	-.000335	-.003219	-.000305
#2	-.001114	.000089	-.000058
#3	-.002996	-.001984	-.000032

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1604.673	2030.117	53133.87	3198.107	2204.630
Stddev	12.768	4.278	4.26	19.032	.524
%RSD	.7956782	.2107238	.0080201	.5950990	.0237902

#1	1605.610	2026.973	53138.76	3218.860	2204.339
#2	1591.462	2034.989	53131.90	3193.990	2205.236
#3	1616.946	2028.390	53130.95	3181.470	2204.316

Sample Name: PB150986BS Acquired: 09/13/2023 15:48:25 Type: Unk
Method: NON EPA-6010-200.7(v162) 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	.7603587	2.018718	.9352565	1.918647	.7586239	2.040653	.2045739
Stddev	.0107785	.079998	.0151746	.034538	.0157513	.107566	.0121652
%RSD	1.417556	3.962822	1.622509	1.800099	2.076305	5.271136	5.946599

#1	.7676761	1.943417	.9431430	1.942852	.7668142	2.164723	.2185975
#2	.7654188	2.010031	.9448639	1.933993	.7685927	1.973580	.1968590
#3	.7479811	2.102704	.9177625	1.879096	.7404648	1.983658	.1982651

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2049773	.1888085	1.045195	.3942412	.1862269	.3235485	3.191266
Stddev	.0129849	.0029285	.060735	.0014784	.0036905	.0185555	.181192
%RSD	6.334803	1.551039	5.810904	.3749879	1.981698	5.734999	5.677746

#1	.2198120	.1903635	1.115057	.3925492	.1882841	.3446019	3.395094
#2	.1994461	.1906315	1.004942	.3948909	.1884303	.3164672	3.048474
#3	.1956738	.1854305	1.015587	.3952833	.1819664	.3095763	3.130228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2049133	1.961132	.4688869	.0723779	3.272729	.3025621	.2039503
Stddev	.0153897	.201689	.0102451	.0004440	.129783	.0174061	.0008251
%RSD	7.510350	10.28431	2.184975	.6135068	3.965601	5.752917	.4045325

#1	.2219559	2.180915	.4749352	.0724636	3.258311	.3222756	.2030245
#2	.2007516	1.784533	.4746675	.0727728	3.150757	.2893129	.2042186
#3	.1920324	1.917948	.4570579	.0718972	3.409120	.2960978	.2046078

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.736734	5.542017	.3103205	.3796882	9.119112	.9479017	.6548525
Stddev	.584156	.022697	.0195152	.0062692	.123438	.0609237	.0134086
%RSD	5.999508	.4095416	6.288716	1.651150	1.353623	6.427221	2.047571

#1	10.40004	5.567144	.3327555	.3827159	9.177796	1.017542	.6622468
#2	9.29897	5.535904	.3009319	.3838689	9.202260	.921704	.6629360
#3	9.51119	5.523002	.2972741	.3724798	8.977279	.904459	.6393747

Sample Name: PB150986BS Acquired: 09/13/2023 15:48:25 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2027343	.2006859	.2049822
Stddev	.0138499	.0118574	.0132123
%RSD	6.831573	5.908455	6.445607

#1	.2187139	.2142822	.2202294
#2	.1941887	.1924900	.1978145
#3	.1953002	.1952855	.1969027

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1602.319	2054.347	52835.85	3143.583	2209.017
Stddev	4.074	35.681	122.93	187.279	43.480
%RSD	.2542861	1.736867	.2326569	5.957508	1.968284

#1	1598.783	2034.699	52876.43	2928.210	2182.899
#2	1606.775	2032.809	52933.35	3234.410	2184.942
#3	1601.399	2095.534	52697.76	3268.130	2259.209

Sample Name: PB150988BL Acquired: 09/13/2023 15:52:20 Type: Unk
Method: NON EPA-6010-200.7(v162) 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	.0039675	-.010117	.0000969	-.001570	-.002731	.0196503	-.000402
Stddev	.0065878	.004845	.0034525	.013721	.002111	.0066643	.000410
%RSD	166.0451	47.89221	3561.446	874.0496	77.30663	33.91426	101.9804

#1	.0004262	-.010544	-.002873	.010926	-.004172	.0132427	-.000375
#2	-.000092	-.014736	.003885	.000619	-.003712	.0265445	-.000824
#3	.011569	-.005073	-.000721	-.016254	-.000308	.0191636	-.000006

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000818	.0003057	-.019768	.0002312	.0002203	-.001566	.0097943
Stddev	.0000415	.0000861	.008806	.0007663	.0001026	.005221	.0250621
%RSD	50.73270	28.14654	44.54714	331.5050	46.56699	333.3509	255.8841

#1	.0000455	.0002289	-.010405	-.000201	.0001065	.004442	.0278027
#2	.0000729	.0002895	-.021016	-.000221	.0002490	-.004132	-.018828
#3	.0001271	.0003987	-.027884	.001116	.0003056	-.005008	.020409

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001281	.0344675	-.000105	-.000064	.8940493	-.002010	-.000163
Stddev	.001448	.0758096	.000212	.000194	.2855789	.003532	.000253
%RSD	113.0719	219.9452	201.7014	304.3600	31.94219	175.7776	155.3706

#1	-.001058	.0887534	.000136	-.000263	1.172260	.001338	-.000364
#2	.000043	.0667961	-.000187	.000124	.601633	-.005701	.000121
#3	-.002827	-.052147	-.000264	-.000052	.908255	-.001665	-.000246

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.169104	-.007696	-.006196	-.000314	-.014530	.0006972	-.002048
Stddev	.078934	.008709	.000387	.000546	.004321	.0003527	.000921
%RSD	46.67752	113.1729	6.248193	173.7071	29.74044	50.59113	44.94595

#1	-.120019	-.017747	-.005979	.000224	-.019512	.0010826	-.003087
#2	-.127137	-.002970	-.006643	-.000300	-.011796	.0003904	-.001722
#3	-.260156	-.002371	-.005967	-.000866	-.012283	.0006187	-.001335

Sample Name: PB150988BL Acquired: 09/13/2023 15:52:20 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001581	-.000701	-.000004
Stddev	.002523	.001671	.000060
%RSD	159.5686	238.5056	1342.580

#1	-.000237	-.001281	-.000055
#2	-.004492	-.002005	-.000020
#3	-.000015	.001183	.000061

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1612.748	2023.954	53396.74	3314.993	2207.783
Stddev	10.062	5.203	186.75	195.279	1.691
%RSD	.6238856	.2570603	.3497321	5.890781	.0766147

#1	1613.240	2023.290	53381.71	3182.950	2209.729
#2	1602.449	2019.114	53217.97	3222.720	2206.659
#3	1622.555	2029.456	53590.55	3539.310	2206.962

Sample Name: PB150988BS Acquired: 09/13/2023 15:56:23 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8338288	2.067495	1.022748	2.082581	.8319893	2.166827
Stddev	.0045976	.102589	.008981	.003710	.0029199	.065123
%RSD	.5513827	4.961990	.8781029	.1781590	.3509527	3.005432

#1	.8285213	2.117685	1.015153	2.086402	.8339207	2.092178
#2	.8365843	1.949474	1.020430	2.082348	.8334170	2.196311
#3	.8363810	2.135325	1.032660	2.078993	.8286303	2.211994

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2143234	.2160996	.2057532	1.106079	.4290076	.2048656
Stddev	.0041551	.0017084	.0011259	.034810	.0001263	.0010875
%RSD	1.938714	.7905719	.5471854	3.147149	.0294439	.5308342

#1	.2095392	.2141270	.2061884	1.084148	.4291237	.2044297
#2	.2164017	.2170669	.2044747	1.087871	.4290260	.2040636
#3	.2170293	.2171049	.2065965	1.146216	.4288731	.2061034

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3204377	3.338775	.2170223	2.132607	.5160749	.0780759
Stddev	.0135154	.026719	.0014069	.056949	.0012534	.0006179
%RSD	4.217791	.8002782	.6482693	2.670416	.2428714	.7914257

#1	.3351796	3.327975	.2157671	2.067711	.5151944	.0776407
#2	.3175022	3.319147	.2167568	2.155856	.5155203	.0787831
#3	.3086313	3.369204	.2185430	2.174255	.5175099	.0778038

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.361859	.3212300	.2212230	10.16082	5.852465	.3252840
Stddev	.156915	.0057992	.0008622	.22571	.090023	.0006691
%RSD	4.667511	1.805306	.3897638	2.221411	1.538203	.2057113

#1	3.509761	.3177257	.2213283	9.90204	5.868194	.3257500
#2	3.197265	.3279239	.2220278	10.31708	5.755614	.3255848
#3	3.378550	.3180405	.2203129	10.26335	5.933587	.3245173

Sample Name: PB150988BS Acquired: 09/13/2023 15:56:23 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4215108	F .0827723	1.008913	.7132879	.2114761	.2065098
Stddev	.0008359	.0029637	.007673	.0050630	.0038830	.0028663
%RSD	.1983045	3.580486	.7605506	.7098142	1.836154	1.387953

#1	.4209174	.0859254	1.000516	.7092462	.2081479	.2032831
#2	.4224667	.0823475	1.010664	.7116506	.2105384	.2087610
#3	.4211483	.0800440	1.015560	.7189670	.2157421	.2074853

Elem	Sr4077
Units	ppm
Avg	.2139005
Stddev	.0041476
%RSD	1.939032

#1	.2091127
#2	.2161922
#3	.2163965

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1599.861	2021.074	52980.00	3209.003	2174.483
Stddev	7.683	5.152	75.40	20.418	5.605
%RSD	.4802338	.2548935	.1423150	.6362664	.2577529

#1	1592.213	2016.868	52974.62	3232.310	2168.924
#2	1599.791	2019.534	52907.44	3200.430	2180.133
#3	1607.579	2026.820	53057.95	3194.270	2174.393

Sample Name: O1627-10 Acquired: 09/13/2023 16:31:02 Type: Unk
Method: NON EPA-6010-200.7(v162) 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	.0042229	.0124247	.0043914	.0070360	.0103129	.0241082	.0235366
Stddev	.0066000	.0056225	.0042670	.0039595	.0046545	.0154755	.0016752
%RSD	156.2913	45.25243	97.16799	56.27514	45.13325	64.19205	7.117202

#1	-.000776	.0182865	.0026329	.0044365	.0055512	.0290935	.0254227
#2	.001740	.0119109	.0012847	.0050784	.0105351	.0067544	.0229653
#3	.011704	.0070768	.0092567	.0115930	.0148523	.0364766	.0222219

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015445	.0017762	.5011497	.0023281	.0072471	.0026296	.0119099
Stddev	.0000286	.0000469	.0270337	.0001115	.0001557	.0088411	.0336133
%RSD	1.851234	2.642296	5.394332	4.787460	2.149175	336.2207	282.2310

#1	.0015382	.0018263	.5323573	.0023534	.0072918	.0128382	.0242570
#2	.0015196	.0017689	.4861663	.0022061	.0073757	-.002534	-.026131
#3	.0015757	.0017333	.4849256	.0024247	.0070739	-.002415	.037603

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044336	.6416434	.0097400	.0024090	.9964935	.0089335	.0103532
Stddev	.0011303	.0529480	.0002468	.0004721	.4901095	.0023957	.0000523
%RSD	25.49388	8.251937	2.533703	19.59877	49.18341	26.81666	.5052166

#1	.0031352	.6762393	.0095582	.0029436	.4438322	.0088985	.0103056
#2	.0051979	.6680012	.0100209	.0022346	1.167319	.0113466	.0103447
#3	.0049677	.5806896	.0096409	.0020490	1.378330	.0065556	.0104092

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4757910	-.004770	.0172960	.0509857	.0020382	.0957558	.0096708
Stddev	.0944804	.002530	.0018697	.0006901	.0033222	.0017016	.0008892
%RSD	19.85754	53.04067	10.81019	1.353513	162.9950	1.777019	9.194418

#1	.5746143	-.002158	.0188719	.0515338	.0053390	.0966789	.0087119
#2	.3863542	-.007210	.0177860	.0512126	.0020805	.0967963	.0104680
#3	.4664046	-.004942	.0152300	.0502107	-.001305	.0937921	.0098324

Sample Name: O1627-10 Acquired: 09/13/2023 16:31:02 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0093845	.0034827	.0050519
Stddev	.0011079	.0022835	.0002916
%RSD	11.80573	65.56827	5.772510

#1	.0097137	.0039740	.0053198
#2	.0081493	.0054806	.0050947
#3	.0102905	.0009935	.0047413

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1587.687	2037.355	52786.37	3224.003	2213.614
Stddev	41.866	2.946	1437.70	31.476	3.514
%RSD	2.636888	.1446215	2.723617	.9763057	.1587508

#1	1539.490	2033.976	51152.09	3196.300	2210.155
#2	1608.540	2038.705	53350.85	3217.480	2213.505
#3	1615.030	2039.385	53856.16	3258.230	2217.181

Sample Name: O1627-02 Acquired: 09/13/2023 17:01:29 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0240484	.0293530	.0113927	.0217324	.0467390	.1037782
Stddev	.0095175	.0047874	.0016316	.0060295	.0015619	.0108777
%RSD	39.57623	16.30979	14.32155	27.74421	3.341667	10.48168

#1	.0289393	.0249400	.0132332	.0220677	.0477192	.0914045
#2	.0301261	.0344428	.0101238	.0275873	.0475600	.1080960
#3	.0130800	.0286761	.0108212	.0155423	.0449379	.1118341

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0969603	.0061733	.0062527	2.018853	.0106809	.0288243
Stddev	.0119234	.0006593	.0000514	.259195	.0012510	.0002791
%RSD	12.29719	10.67965	.8219001	12.83872	11.71269	.9682004

#1	.0993863	.0062773	.0061934	2.064366	.0099356	.0285218
#2	.0840104	.0054682	.0062819	1.739916	.0099819	.0290717
#3	.1074841	.0067744	.0062828	2.252276	.0121252	.0288795

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200874	.1005606	.0197683	2.072840	.0389543	.0109198
Stddev	.0053910	.0169584	.0022970	.269200	.0001264	.0013417
%RSD	26.83781	16.86384	11.61942	12.98703	.3244128	12.28648

#1	.0159696	.1142640	.0194404	2.148450	.0388904	.0102670
#2	.0181032	.0815949	.0176528	1.773920	.0390998	.0100294
#3	.0261892	.1058229	.0222115	2.296151	.0388727	.0124629

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.348228	.0375942	.0447519	1.841072	.0185826	.0922615
Stddev	.480516	.0040343	.0053846	.252765	.0013853	.0117367
%RSD	20.46293	10.73126	12.03212	13.72926	7.454569	12.72107

#1	2.347975	.0419493	.0415782	1.970611	.0171114	.0945266
#2	2.828870	.0339847	.0417084	1.549796	.0187743	.0795574
#3	1.867838	.0368486	.0509690	2.002809	.0198620	.1027005

Sample Name: O1627-02 Acquired: 09/13/2023 17:01:29 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2117426	F .0134533	.3877568	.0355144	.0400862	.0177400
Stddev	.0008971	.0023705	.0455020	.0002386	.0077344	.0021529
%RSD	.4236708	17.62049	11.73468	.6717651	19.29432	12.13598

#1	.2109113	.0159229	.3925208	.0352616	.0421607	.0183326
#2	.2126935	.0111961	.3400602	.0357355	.0315261	.0153529
#3	.2116230	.0132410	.4306894	.0355461	.0465717	.0195346

Elem	Sr4077
Units	ppm
Avg	.0204263
Stddev	.0023303
%RSD	11.40832

#1	.0211041
#2	.0178323
#3	.0223426

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1511.426	2011.713	50167.68	3293.233	2176.959
Stddev	135.344	5.610	4344.96	347.974	5.930
%RSD	8.954703	.2788521	8.660866	10.56633	.2724014

#1	1587.448	2016.498	52584.95	3191.630	2177.340
#2	1591.667	2013.102	52766.45	3680.700	2182.689
#3	1355.164	2005.539	45151.65	3007.370	2170.847

Sample Name: O1627-11 Acquired: 09/13/2023 17:09:34 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183762	.0338650	.0123639	.0253764	.0475432	.1085513
Stddev	.0036758	.0058078	.0052418	.0063373	.0023570	.0228864
%RSD	20.00312	17.14974	42.39633	24.97300	4.957519	21.08348

#1	.0150260	.0310453	.0180894	.0184659	.0491387	.1345714
#2	.0223082	.0405442	.0078009	.0309160	.0486548	.0995416
#3	.0177944	.0300053	.0112013	.0267475	.0448360	.0915410

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1005331	.0063402	.0063640	2.090450	.0100819	.0286409
Stddev	.0031011	.0001407	.0000976	.037160	.0004113	.0001022
%RSD	3.084661	2.219547	1.533910	1.777585	4.079719	.3568831

#1	.0986522	.0062938	.0064659	2.082835	.0098254	.0285497
#2	.1041124	.0064983	.0062714	2.130827	.0098639	.0287514
#3	.0988346	.0062285	.0063546	2.057688	.0105563	.0286216

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201814	.0947771	.0194357	2.112562	.0380479	.0101417
Stddev	.0087479	.0170406	.0007204	.113422	.0004942	.0003696
%RSD	43.34636	17.97968	3.706411	5.368925	1.298815	3.644570

#1	.0141519	.0992786	.0191802	2.016457	.0381012	.0105497
#2	.0161776	.1091151	.0202490	2.237669	.0375293	.0098292
#3	.0302146	.0759377	.0188780	2.083561	.0385133	.0100461

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.478446	.0393085	.0413071	1.890033	.0210484	.0948782
Stddev	.368635	.0087072	.0011474	.149495	.0044961	.0032053
%RSD	14.87363	22.15104	2.777689	7.909668	21.36059	3.378352

#1	2.358996	.0317952	.0420944	1.841639	.0178523	.0939971
#2	2.891994	.0488512	.0399906	2.057731	.0261895	.0984319
#3	2.184348	.0372791	.0418363	1.770730	.0191034	.0922056

Sample Name: O1627-11 Acquired: 09/13/2023 17:09:34 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2110233	F .0094422	.3955664	.0329824	.0394051	.0193631
Stddev	.0010897	.0054666	.0062494	.0004776	.0022611	.0026921
%RSD	.5163802	57.89493	1.579861	1.448086	5.738067	13.90354

#1	.2099310	.0085092	.3928877	.0324309	.0368496	.0175288
#2	.2110285	.0153153	.4027087	.0332562	.0411460	.0224537
#3	.2121103	.0045022	.3911030	.0332602	.0402198	.0181067

Elem	Sr4077
Units	ppm
Avg	.0209837
Stddev	.0003611
%RSD	1.720785

#1	.0207200
#2	.0213952
#3	.0208358

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1605.572	2024.198	53241.71	3186.727	2199.575
Stddev	4.425	4.523	47.43	55.387	5.791
%RSD	.2755914	.2234419	.0890845	1.738056	.2632586

#1	1606.438	2020.387	53198.25	3211.700	2194.921
#2	1609.500	2029.196	53234.58	3123.250	2206.059
#3	1600.778	2023.010	53292.30	3225.230	2197.744

Sample Name: O1627-16 Acquired: 09/13/2023 17:22:42 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181964	.0331911	.0129245	.0198398	.0436286	.1037513
Stddev	.0077446	.0091129	.0031877	.0066473	.0045579	.0156476
%RSD	42.56132	27.45583	24.66359	33.50512	10.44708	15.08184

#1	.0102946	.0330863	.0092990	.0139064	.0395115	.1218130
#2	.0185209	.0423560	.0141869	.0270235	.0485265	.0942960
#3	.0257736	.0241311	.0152877	.0185895	.0428479	.0951449

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0992355	.0062580	.0062648	2.055703	.0103417	.0287035
Stddev	.0005838	.0001173	.0000371	.033059	.0006888	.0003404
%RSD	.5883032	1.874735	.5926169	1.608149	6.660126	1.185779

#1	.0987877	.0061804	.0062221	2.086021	.0101446	.0283347
#2	.0998958	.0063930	.0062891	2.060632	.0111075	.0290056
#3	.0990229	.0062007	.0062833	2.020457	.0097730	.0287703

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217603	.0977174	.0194393	2.210690	.0388969	.0104552
Stddev	.0033140	.0211945	.0009958	.083210	.0004737	.0004567
%RSD	15.22966	21.68957	5.122381	3.763961	1.217885	4.368056

#1	.0182945	.0793381	.0191562	2.158467	.0383549	.0101006
#2	.0248982	.0929120	.0186157	2.306647	.0391036	.0109705
#3	.0220884	.1209019	.0205459	2.166956	.0392321	.0102945

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.587356	.0375783	.0433176	1.910665	.0142262	.0950450
Stddev	.161656	.0031569	.0032730	.040441	.0014348	.0004821
%RSD	6.247920	8.400907	7.555851	2.116591	10.08583	.5071950

#1	2.454920	.0374334	.0410995	1.957280	.0158274	.0955656
#2	2.767496	.0408052	.0470766	1.889764	.0137943	.0946141
#3	2.539652	.0344964	.0417766	1.884952	.0130569	.0949553

Sample Name: O1627-16 Acquired: 09/13/2023 17:22:42 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2125075	F .0081662	.3923967	.0361139	.0377140	.0193499
Stddev	.0005108	.0071176	.0021683	.0001772	.0011640	.0017756
%RSD	.2403565	87.15946	.5525735	.4906715	3.086351	9.176555

#1	.2129594	.0163223	.3905555	.0359118	.0381632	.0208590
#2	.2119533	.0032112	.3947867	.0361869	.0385865	.0197974
#3	.2126097	.0049652	.3918480	.0362429	.0363924	.0173933

Elem	Sr4077
Units	ppm
Avg	.0210146
Stddev	.0001287
%RSD	.6126039

#1	.0211591
#2	.0209122
#3	.0209725

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1555.687	2025.827	51289.02	3234.170	2195.082
Stddev	94.187	1.579	3272.58	12.043	3.482
%RSD	6.054356	.0779639	6.380673	.3723771	.1586159

#1	1610.461	2024.603	52977.72	3220.280	2196.464
#2	1446.931	2027.610	47517.04	3240.530	2197.660
#3	1609.670	2025.267	53372.30	3241.700	2191.121

Sample Name: O1627-01 Acquired: 09/13/2023 17:41:09 Type: Unk
Method: NON EPA-6010-200.7(v162) 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	.0052135	.0075365	.0022305	.0017074	.0087607	.0215641	.0238118
Stddev	.0087004	.0037834	.0011077	.0009928	.0023528	.0195272	.0005752
%RSD	166.8814	50.20193	49.65932	58.14647	26.85590	90.55437	2.415544

#1	.0030057	.0069561	.0025671	.0005762	.0114492	.0001905	.0234679
#2	.0148050	.0115766	.0009936	.0024340	.0077547	.0260306	.0244758
#3	-.002170	.0040767	.0031309	.0021121	.0070781	.0384711	.0234917

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015649	.0018392	.5114818	.0023101	.0074592	.0048167	.0085200
Stddev	.0000641	.0000266	.0149936	.0005666	.0001219	.0105846	.0405631
%RSD	4.093396	1.445365	2.931402	24.52937	1.634165	219.7469	476.0928

#1	.0015400	.0018408	.5287945	.0027162	.0075987	.0109420	-.036980
#2	.0016377	.0018650	.5027157	.0025513	.0073735	.0109135	.040897
#3	.0015170	.0018119	.5029353	.0016627	.0074053	-.007405	.021643

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016812	.5150188	.0094076	.0028437	.7240268	.0080608	.0106116
Stddev	.0009530	.0611582	.0005225	.0005720	.1210544	.0084020	.0003890
%RSD	56.68464	11.87494	5.553463	20.11303	16.71961	104.2330	3.665636

#1	.0025248	.4736594	.0090265	.0022461	.8066823	.0044696	.0103205
#2	.0018715	.4861266	.0100031	.0033860	.5850762	.0176616	.0104610
#3	.0006475	.5852703	.0091930	.0028991	.7803220	.0020512	.0110534

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5272870	-.003263	.0163484	.0514303	-.002732	.0974629	.0078693
Stddev	.0722246	.006815	.0008866	.0002859	.007836	.0005788	.0009585
%RSD	13.69739	208.8477	5.423407	.5559717	286.8272	.5938405	12.18003

#1	.5583773	.004355	.0154347	.0511220	-.011283	.0979946	.0073886
#2	.5787600	-.005365	.0164051	.0516867	.004106	.0968464	.0089730
#3	.4447237	-.008779	.0172053	.0514823	-.001019	.0975476	.0072463

Sample Name: O1627-01 Acquired: 09/13/2023 17:41:09 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0101995	.0042729	.0053253
Stddev	.0005805	.0013516	.0002719
%RSD	5.691058	31.63096	5.106297

#1	.0097478	.0027181	.0056266
#2	.0099965	.0051669	.0050980
#3	.0108542	.0049337	.0052514

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1605.307	2029.588	53265.44	3207.633	2201.444
Stddev	14.591	2.038	563.25	13.782	5.812
%RSD	.9089436	.1004332	1.057432	.4296597	.2640294

#1	1589.679	2030.179	52691.79	3193.160	2195.051
#2	1607.670	2027.320	53286.88	3220.600	2202.873
#3	1618.573	2031.266	53817.67	3209.140	2206.409

Sample Name: CCV02 Acquired: 09/13/2023 17:45:12 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.054902	5.296628	4.955418	4.995976	4.992164	10.01338	10.06761
Stddev	.011757	.237140	.002047	.017892	.014440	.06674	.01348
%RSD	.2325801	4.477197	.0413054	.3581217	.2892553	.6664936	.1338599

#1	5.045855	5.121457	4.957767	4.990585	4.975774	9.96291	10.05290
#2	5.068191	5.201945	4.954017	4.981399	5.003014	10.08905	10.07055
#3	5.050661	5.566483	4.954469	5.015943	4.997702	9.98818	10.07936

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.08252	2.506765	25.16457	1.003646	2.484023	1.306830	5.001007
Stddev	.0008532	.010394	.09363	.002899	.002504	.011905	.031341
%RSD	.3401630	.4146239	.3720744	.2888633	.1008080	.9110165	.6267024

#1	25.17648	2.500715	25.06724	1.000331	2.486601	1.300161	4.982242
#2	25.06119	2.500812	25.25400	1.004899	2.483867	1.320575	5.037189
#3	25.00988	2.518766	25.17250	1.005708	2.481600	1.299754	4.983590

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.513945	24.17367	2.493988	1.243345	24.52549	2.518402	2.534554
Stddev	.015042	.42518	.003373	.002061	.19235	.008728	.014362
%RSD	.5983433	1.758846	.1352327	.1657857	.7843020	.3465629	.5666571

#1	2.496672	23.70179	2.497842	1.243790	24.38930	2.508673	2.550822
#2	2.521004	24.52697	2.491577	1.241098	24.74554	2.520988	2.523629
#3	2.524160	24.29226	2.492544	1.245147	24.44163	2.525544	2.529210

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.04612	5.164458	5.020556	4.999531	4.995199	4.916644	4.939983
Stddev	.03482	.096506	.006723	.007930	.047378	.014566	.006874
%RSD	.1390261	1.868663	.1339181	.1586135	.9484721	.2962649	.1391456

#1	25.00594	5.065246	5.027139	4.995386	4.941071	4.915661	4.943796
#2	25.06492	5.170118	5.013701	5.008675	5.015390	4.902594	4.944106
#3	25.06751	5.258009	5.020827	4.994534	5.029137	4.931676	4.932048

Sample Name: CCV02 Acquired: 09/13/2023 17:45:12 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.037356	4.960359	5.095332
Stddev	.029961	.011323	.024917
%RSD	.5947694	.2282665	.4890259

#1	5.009037	4.948911	5.085872
#2	5.068725	4.960613	5.123594
#3	5.034306	4.971553	5.076530

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1542.302	1954.803	51042.36	3193.027	1982.086
Stddev	13.552	6.498	135.26	19.705	6.734
%RSD	.8786697	.3324252	.2649934	.6171135	.3397217

#1	1526.664	1949.813	50887.66	3170.307	1975.020
#2	1550.620	1952.444	51138.34	3203.320	1982.810
#3	1549.621	1962.151	51101.07	3205.454	1988.429

Sample Name: CCB02 Acquired: 09/13/2023 17:49:01 Type: Unk
Method: NON EPA-6010-200.7(v162) 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	.0073918	-.004117	.0005658	-.001225	-.001302	.0156979	-.000164
Stddev	.0036868	.003737	.0025694	.001896	.000669	.0105801	.001268
%RSD	49.87673	90.78108	454.1340	154.8292	51.39528	67.39842	775.6688

#1	.0038443	-.007718	.0034516	-.000339	-.000715	.0106626	.000735
#2	.0112036	-.000257	-.001473	.000066	-.002030	.0278553	.000389
#3	.0071275	-.004375	-.000281	-.003402	-.001159	.0085759	-.001614

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000632	.0003111	-.006783	.0001102	.0003489	-.000531	-.004701
Stddev	.0000167	.0001510	.009135	.0002527	.0003186	.005645	.011508
%RSD	26.43435	48.52312	134.6880	229.2764	91.30442	1062.588	244.7995

#1	.0000806	.0002465	.002620	-.000043	.0007070	.000970	-.005112
#2	.0000473	.0002032	-.015625	.000402	.0002429	-.006775	.007007
#3	.0000618	.0004836	-.007342	-.000028	.0000969	.004211	-.015998

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001333	.1165818	.0000803	-.000331	.2413253	.0010626	-.000484
Stddev	.001184	.0614865	.0001128	.000072	.1413191	.0027742	.000519
%RSD	88.82300	52.74108	140.5420	21.82525	58.55959	261.0710	107.1335

#1	-.002191	.1364274	.0002105	-.000365	.3793879	.0041713	-.001076
#2	-.001826	.0476234	.0000124	-.000248	.0969606	-.001161	-.000108
#3	.000018	.1656945	.0000179	-.000381	.2476275	.000178	-.000268

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002591	-.007198	.0016931	.0005541	-.011063	.0018796	-.001837
Stddev	.0221404	.003103	.0009903	.0006854	.009833	.0012568	.002291
%RSD	8543.382	43.10390	58.48967	123.7174	88.88167	66.86297	124.6611

#1	.0014646	-.008387	.0026578	.0007120	-.021933	.0007955	.000094
#2	-.022459	-.003677	.0017425	.0011467	-.008472	.0015862	-.001238
#3	.021772	-.009531	.0006791	-.000197	-.002785	.0032571	-.004368

Sample Name: CCB02 Acquired: 09/13/2023 17:49:01 Type: Unk
Method: NON EPA-6010-200.7(v162) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007472	-.000872	.0002013
Stddev	.0013801	.000919	.0000694
%RSD	184.6996	105.4143	34.47988

#1	-.000543	-.000512	.0002150
#2	.002202	-.001916	.0001260
#3	.000583	-.000187	.0002628

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1604.527	2027.275	53269.46	3232.090	2199.947
Stddev	11.209	2.875	264.25	12.797	3.959
%RSD	.6985931	.1417954	.4960610	.3959237	.1799525

#1	1605.081	2026.007	53358.34	3219.970	2196.357
#2	1593.051	2025.253	52972.23	3230.830	2199.290
#3	1615.449	2030.566	53477.80	3245.470	2204.193