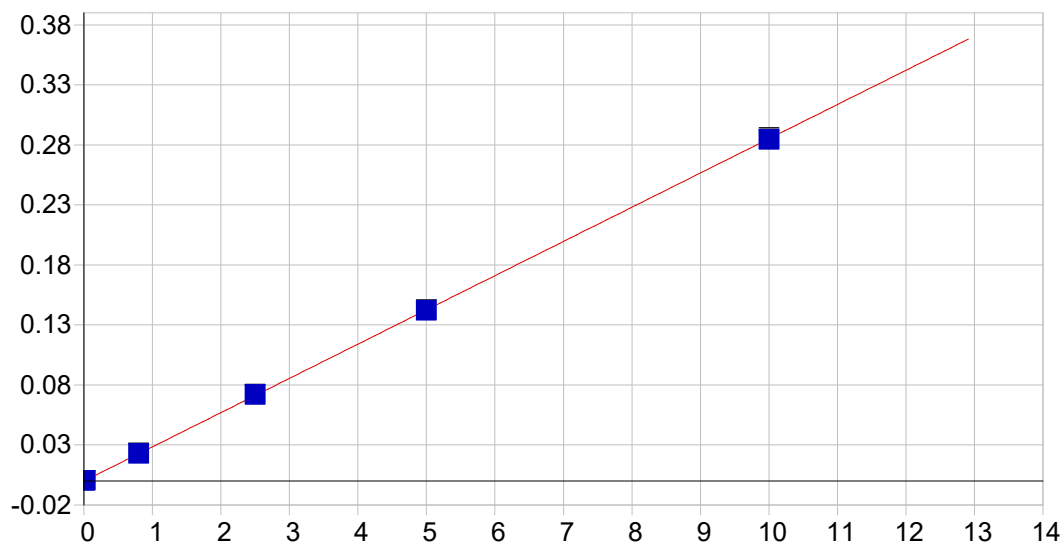


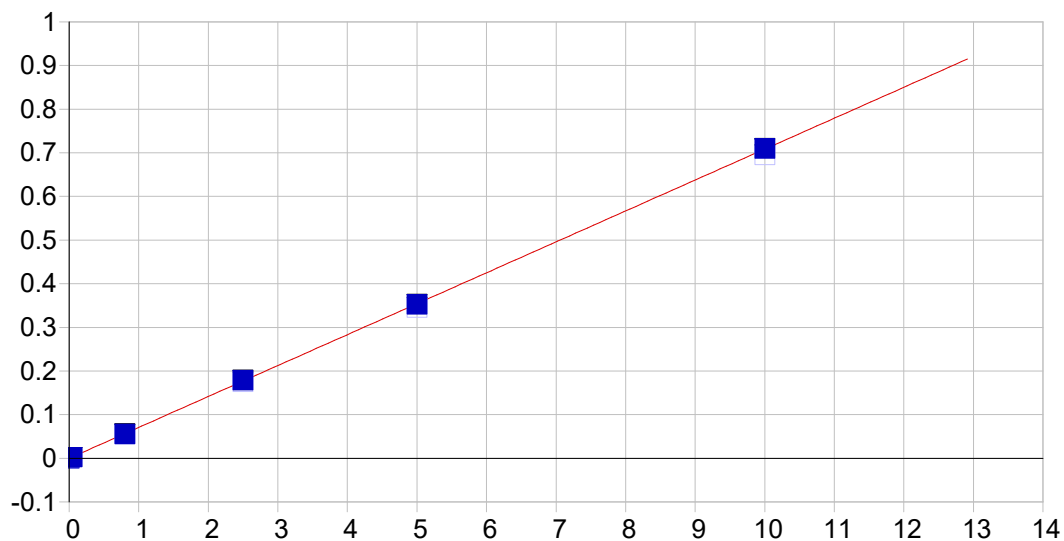


As 189.042 {479}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000091 Re-Slope: 1.000000
 A1 (Gain): 0.028520 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.008095
 Predicted MQL: 0.026982

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.02000	.01820	-.002	-9.02	.00044	.000	1
S3	2.5000	2.5270	.027	1.08	.07207	.000	1
S4	5.0000	4.9892	-.011	-.217	.14238	.000	1
S5	10.000	9.9807	-.019	-.193	.28491	.001	1
S2	.80000	.80498	.005	.622	.02290	.000	1

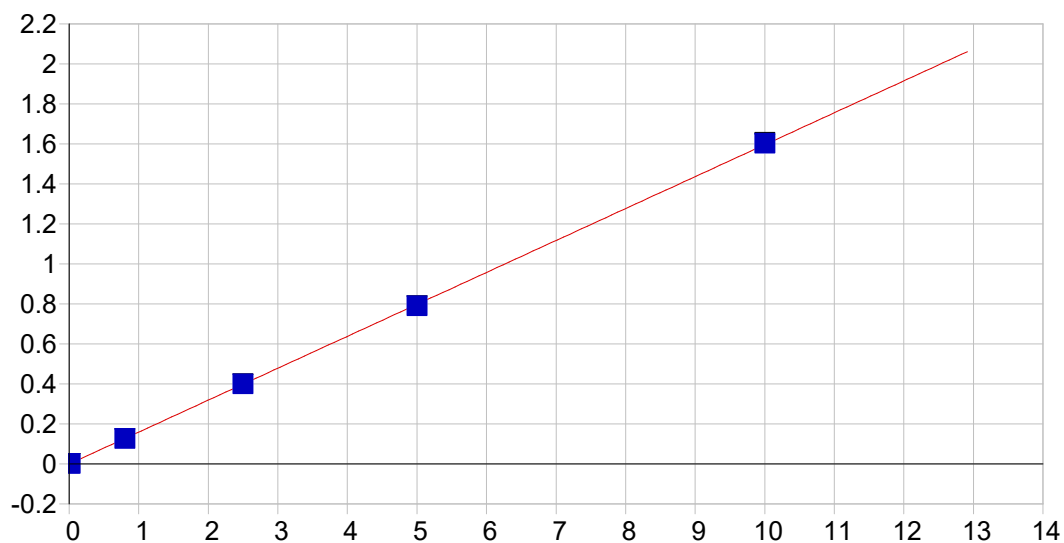


TI 190.856 {477}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000139 Re-Slope: 1.000000
 A1 (Gain): 0.070862 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.003172
 Predicted MQL: 0.010575

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00014	.000	1
S1	.04000	.04030	.000	.748	.00260	.000	1
S3	2.5000	2.5187	.019	.749	.17464	.001	1
S4	5.0000	4.9798	-.020	-.404	.34534	.000	1
S5	10.000	10.014	.014	.139	.69467	.001	1
S2	.80000	.78727	-.013	-1.59	.05446	.000	1

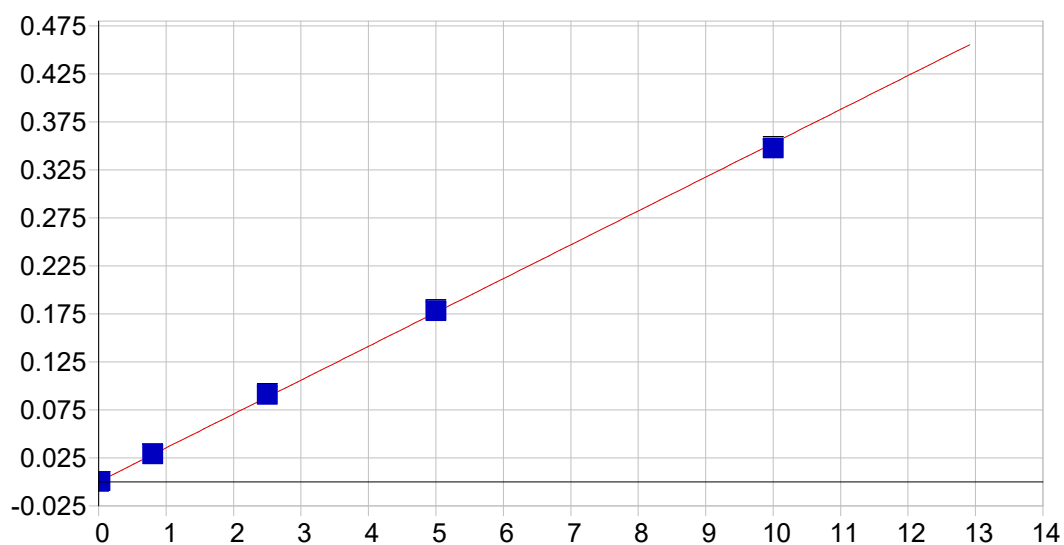


Pb 220.353 {453}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000453	Re-Slope:	1.000000
A1 (Gain):	0.159642	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999976	Status:	OK.
Std Error of Est:	0.000020		
Predicted MDL:	0.002781		
Predicted MQL:	0.009268		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00045	.000	1
S1	.01200	.01096	-.001	-8.67	.00125	.000	1
S3	2.5000	2.5057	.006	.228	.39900	.001	1
S4	5.0000	4.9535	-.046	-.930	.78921	.002	1
S5	10.000	10.050	.050	.497	1.6017	.004	1
S2	.80000	.79209	-.008	-.988	.12582	.000	1

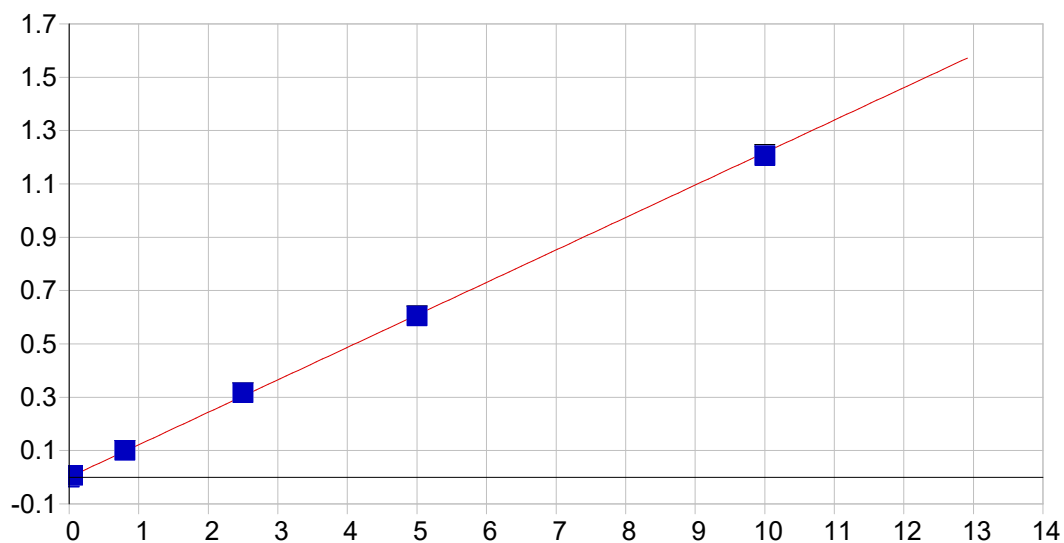


Se 196.090 {472}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000169 Re-Slope: 1.000000
 A1 (Gain): 0.035258 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.007895
 Predicted MQL: 0.026316

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00017	.000	1
S1	.02000	.02175	.002	8.74	.00094	.000	1
S3	2.5000	2.5723	.072	2.89	.09085	.001	1
S4	5.0000	5.0485	.049	.971	.17814	.001	1
S5	10.000	9.8587	-.141	-1.41	.34771	.002	1
S2	.80000	.81872	.019	2.34	.02903	.000	1

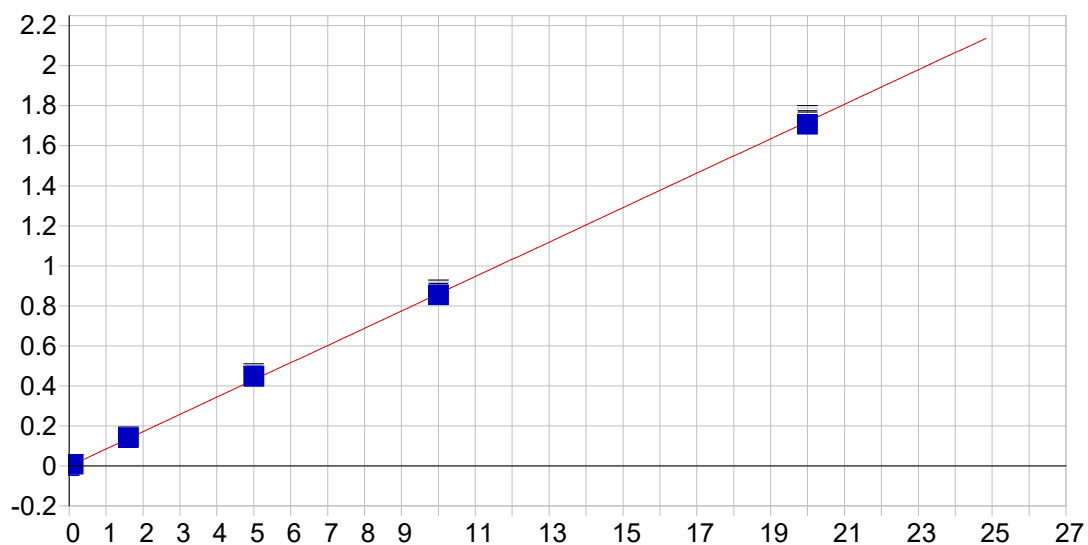


Sb 206.833 {463}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000063 Re-Slope: 1.000000
 A1 (Gain): 0.121738 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999836 Status: OK.
 Std Error of Est: 0.000082
 Predicted MDL: 0.002728
 Predicted MQL: 0.009092

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.05000	.05076	.001	1.52	.00622	.000	1
S3	2.5000	2.6022	.102	4.09	.31682	.001	1
S4	5.0000	4.9667	-.033	-.665	.60464	.001	1
S5	10.000	9.9064	-.094	-.936	1.2059	.004	1
S2	.80000	.82388	.024	2.98	.10035	.000	1

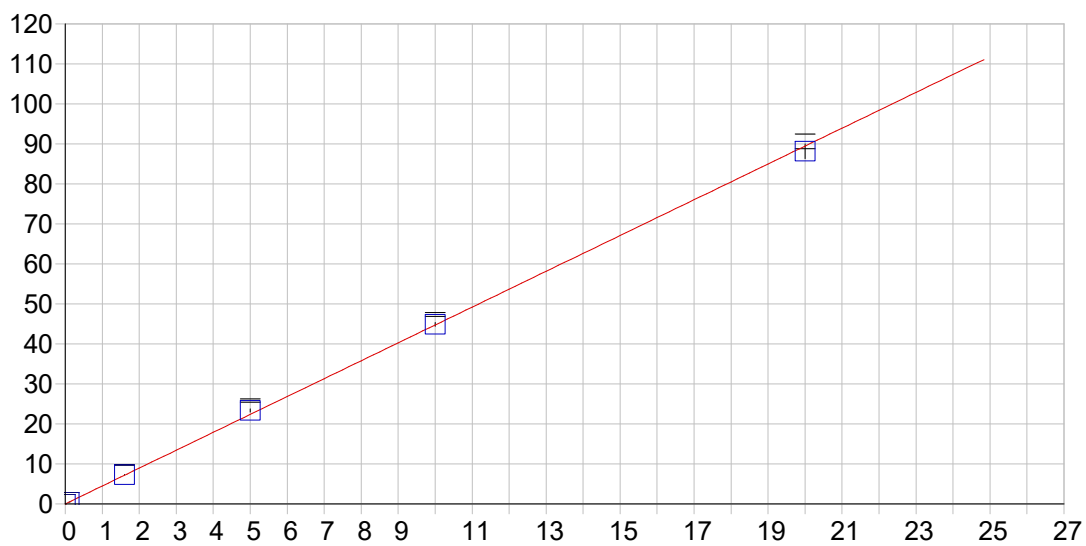


AI 396.152 { 85}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000862 Re-Slope: 1.000000
 A1 (Gain): 0.086091 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999862 Status: OK.
 Std Error of Est: 0.000108
 Predicted MDL: 0.010154
 Predicted MQL: 0.033846

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00086	.001	1
S1	.10000	.10357	.004	3.57	.00869	.000	1
S3	5.0000	5.1872	.187	3.74	.45370	.006	1
S4	10.000	9.9298	-.070	-.702	.87000	.009	1
S5	20.000	19.831	-.169	-.845	1.7384	.013	1
S2	1.6000	1.6484	.048	3.02	.14361	.001	1

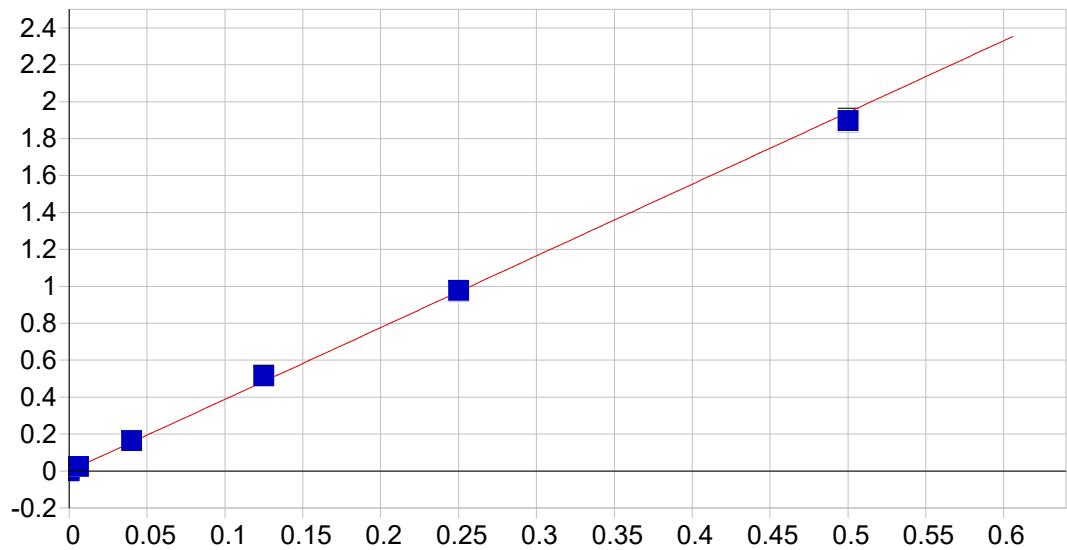


Ba 493.409 { 68}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005201 Re-Slope: 1.000000
 A1 (Gain): 4.472737 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999797 Status: OK.
 Std Error of Est: 0.006677
 Predicted MDL: 0.000419
 Predicted MQL: 0.001397

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00518	.002	1
S1	.10000	.10044	.000	.435	.45442	.002	1
S3	5.0000	5.2230	.223	4.46	23.366	.420	1
S4	10.000	10.037	.037	.368	44.897	.493	1
S5	20.000	19.710	-.290	-1.45	88.161	1.88	1
S2	1.6000	1.6302	.030	1.89	7.2967	.082	1

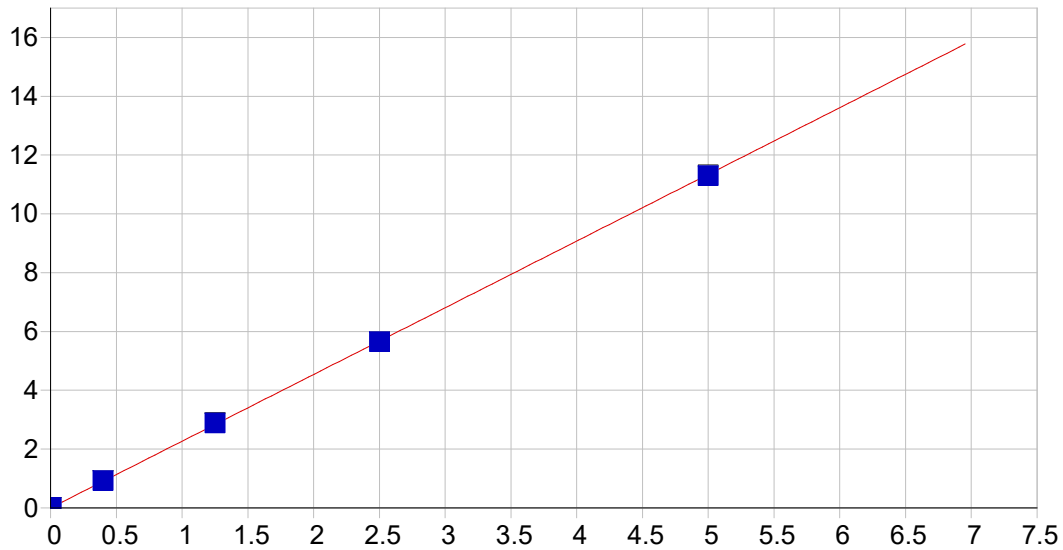


Be 234.861 {144}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000404 Re-Slope: 1.000000
 A1 (Gain): 3.884006 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999524 Status: OK.
 Std Error of Est: 0.000343
 Predicted MDL: 0.000086
 Predicted MQL: 0.000288

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00041	.000	1
S1	.00600	.00599	-.000	-.162	.02260	.001	1
S3	.12500	.13261	.008	6.09	.51140	.004	1
S4	.25000	.25145	.001	.579	.96970	.002	1
S5	.50000	.48862	-.011	-2.28	1.8844	.013	1
S2	.04000	.04233	.002	5.82	.16295	.001	1

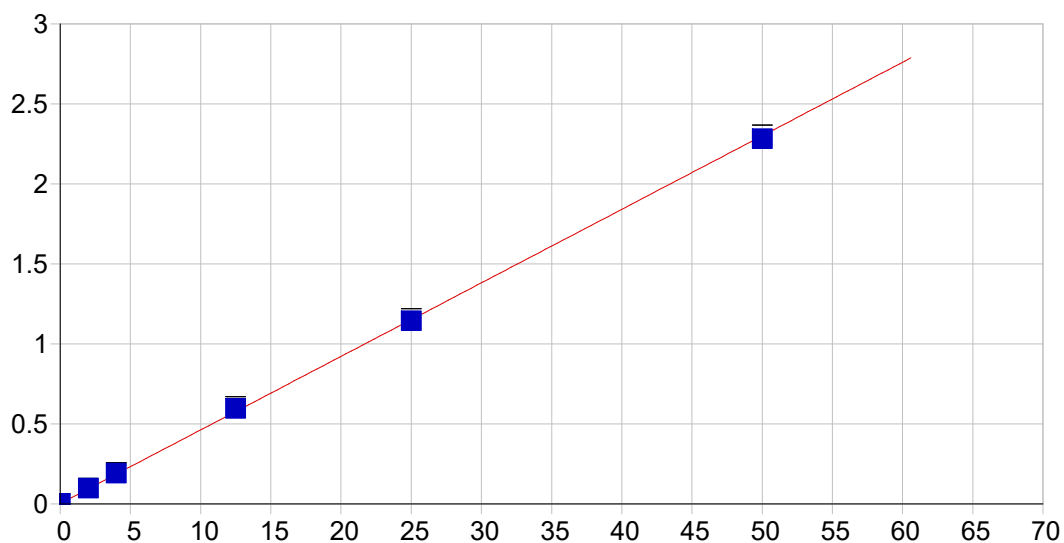


Cd 214.438 {457}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000206	Re-Slope:	1.000000
A1 (Gain):	2.268771	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999963	Status:	OK.
Std Error of Est:	0.000178		
Predicted MDL:	0.000137		
Predicted MQL:	0.000457		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00020	.000	1
S1	.00600	.00651	.001	8.54	.01499	.000	1
S3	1.2500	1.2729	.023	1.83	2.8883	.002	1
S4	2.5000	2.4914	-.009	-.344	5.6529	.010	1
S5	5.0000	4.9788	-.021	-.424	11.297	.027	1
S2	.40000	.40637	.006	1.59	.92223	.000	1

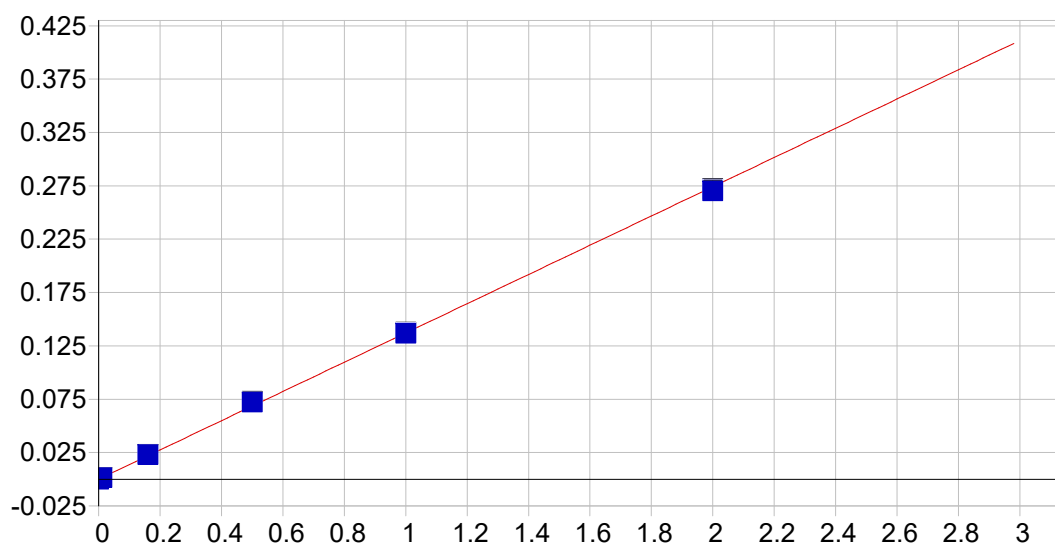


Ca 373.690 { 90}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002820 Re-Slope: 1.000000
 A1 (Gain): 0.045955 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999884 Status: OK.
 Std Error of Est: 0.000370
 Predicted MDL: 0.013786
 Predicted MQL: 0.045954

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	-.000	.000	.00281	.000	1
S2	4.0000	4.0959	.096	2.40	.19097	.004	1
S3	12.500	12.910	.410	3.28	.59586	.013	1
S4	25.000	24.827	-.173	-.693	1.1433	.015	1
S5	50.000	49.610	-.390	-.779	2.2818	.023	1
S1	2.0000	2.0572	.057	2.86	.09735	.001	1

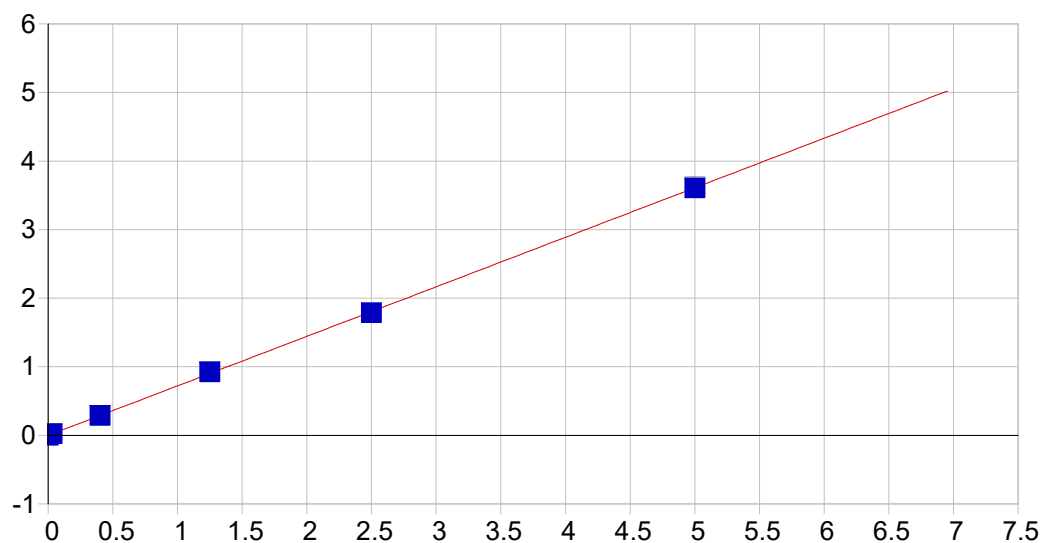


Cr 267.716 {126}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000022 Re-Slope: 1.000000
 A1 (Gain): 0.137067 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999716 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.000549
 Predicted MQL: 0.001830

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.01000	.00997	-.000	-.255	.00141	.000	1
S3	.50000	.52547	.025	5.09	.07253	.000	1
S4	1.0000	.99715	-.003	-.285	.13766	.000	1
S5	2.0000	1.9699	-.030	-1.51	.27196	.000	1
S2	.16000	.16753	.008	4.71	.02314	.000	1

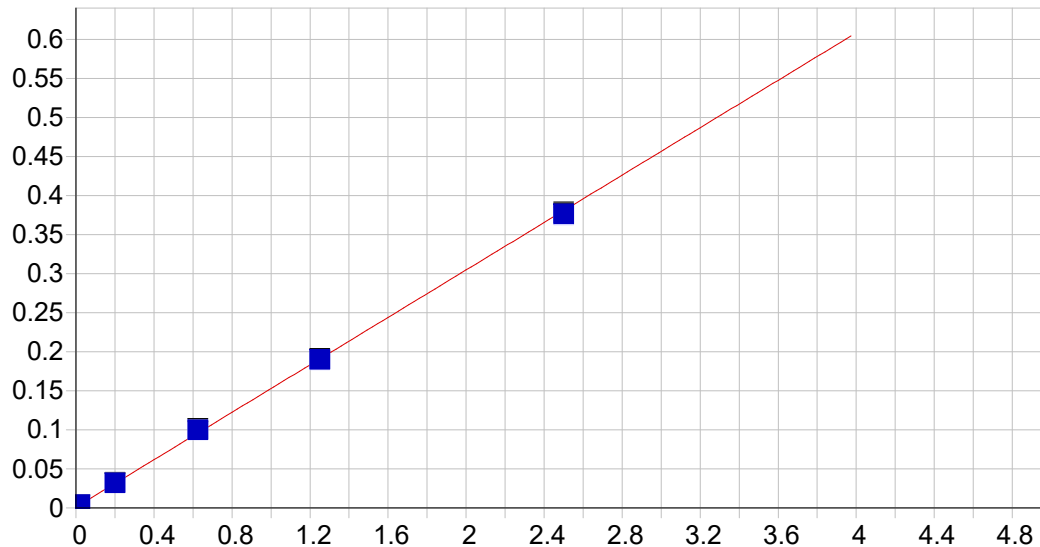


Co 228.616 {448}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000759 Re-Slope: 1.000000
 A1 (Gain): 0.722206 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.000162
 Predicted MDL: 0.000428
 Predicted MQL: 0.001428

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00076	.000	1
S1	.03000	.02944	-.001	-1.87	.02043	.000	1
S3	1.2500	1.2816	.032	2.53	.92671	.001	1
S4	2.5000	2.4730	-.027	-1.08	1.7890	.002	1
S5	5.0000	4.9944	-.006	-.111	3.6138	.005	1
S2	.40000	.40151	.002	.377	.28981	.000	1

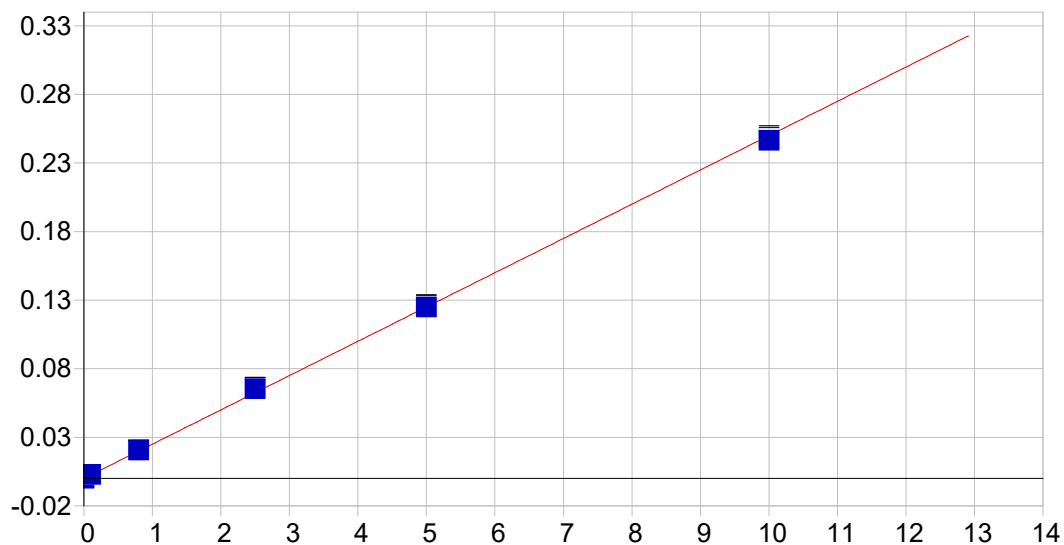


Cu 324.754 {104}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000965 Re-Slope: 1.000000
 A1 (Gain): 0.151841 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999830 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.002966
 Predicted MQL: 0.009888

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00096	.000	1
S1	.02000	.01945	-.001	-2.76	.00392	.000	1
S3	.62500	.65143	.026	4.23	.09944	.002	1
S4	1.2500	1.2452	-.005	-.382	.18917	.001	1
S5	2.5000	2.4739	-.026	-1.04	.37485	.002	1
S2	.20000	.20502	.005	2.51	.03196	.001	1

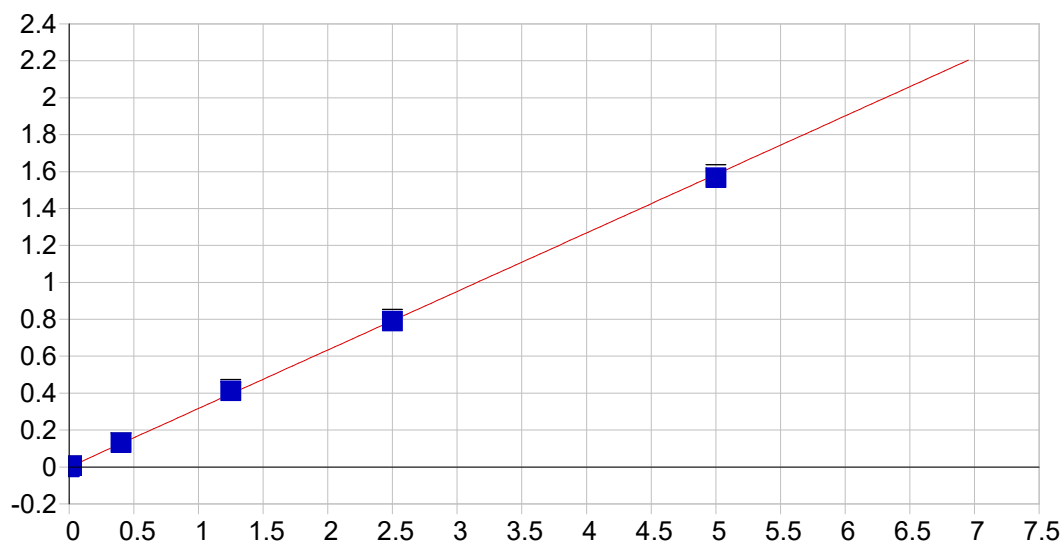


Fe 259.837 {130}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000050 Re-Slope: 1.000000
 A1 (Gain): 0.024992 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999760 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.009796
 Predicted MQL: 0.032653

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00005	.000	1
S1	.10000	.11006	.010	10.1	.00281	.000	1
S3	2.5000	2.6134	.113	4.54	.06567	.001	1
S4	5.0000	4.9935	-.006	-.129	.12546	.001	1
S5	10.000	9.8587	-.141	-1.41	.24766	.002	1
S2	.80000	.82432	.024	3.04	.02075	.000	1

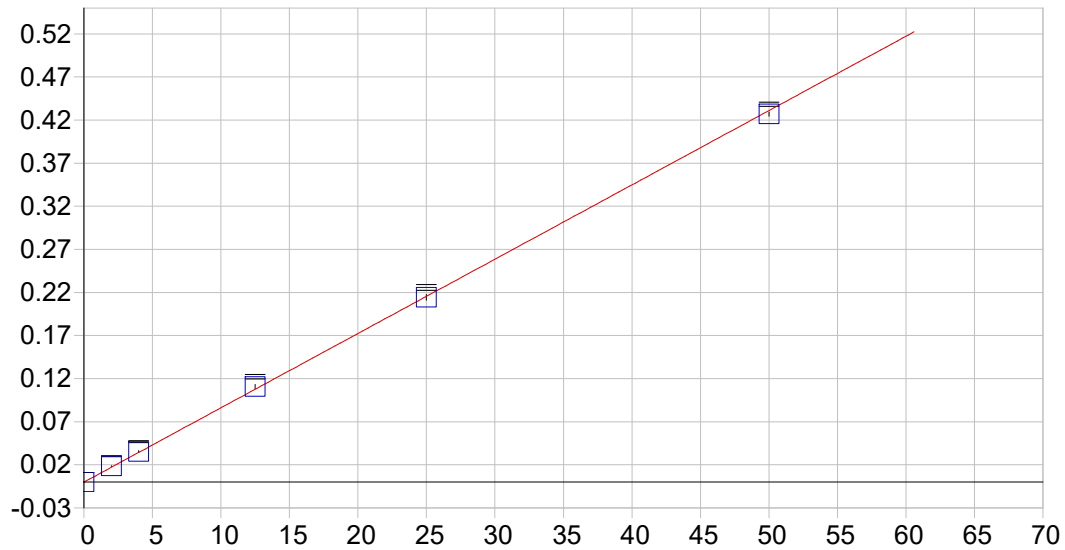


Mn 257.610 {131}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000035 Re-Slope: 1.000000
 A1 (Gain): 0.316921 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999820 Status: OK.
 Std Error of Est: 0.000100
 Predicted MDL: 0.000680
 Predicted MQL: 0.002268

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.02000	.02065	.001	3.26	.00651	.000	1
S3	1.2500	1.3013	.051	4.10	.41244	.009	1
S4	2.5000	2.4923	-.008	-.308	.78997	.010	1
S5	5.0000	4.9420	-.058	-1.16	1.5665	.017	1
S2	.40000	.41379	.014	3.45	.13113	.001	1

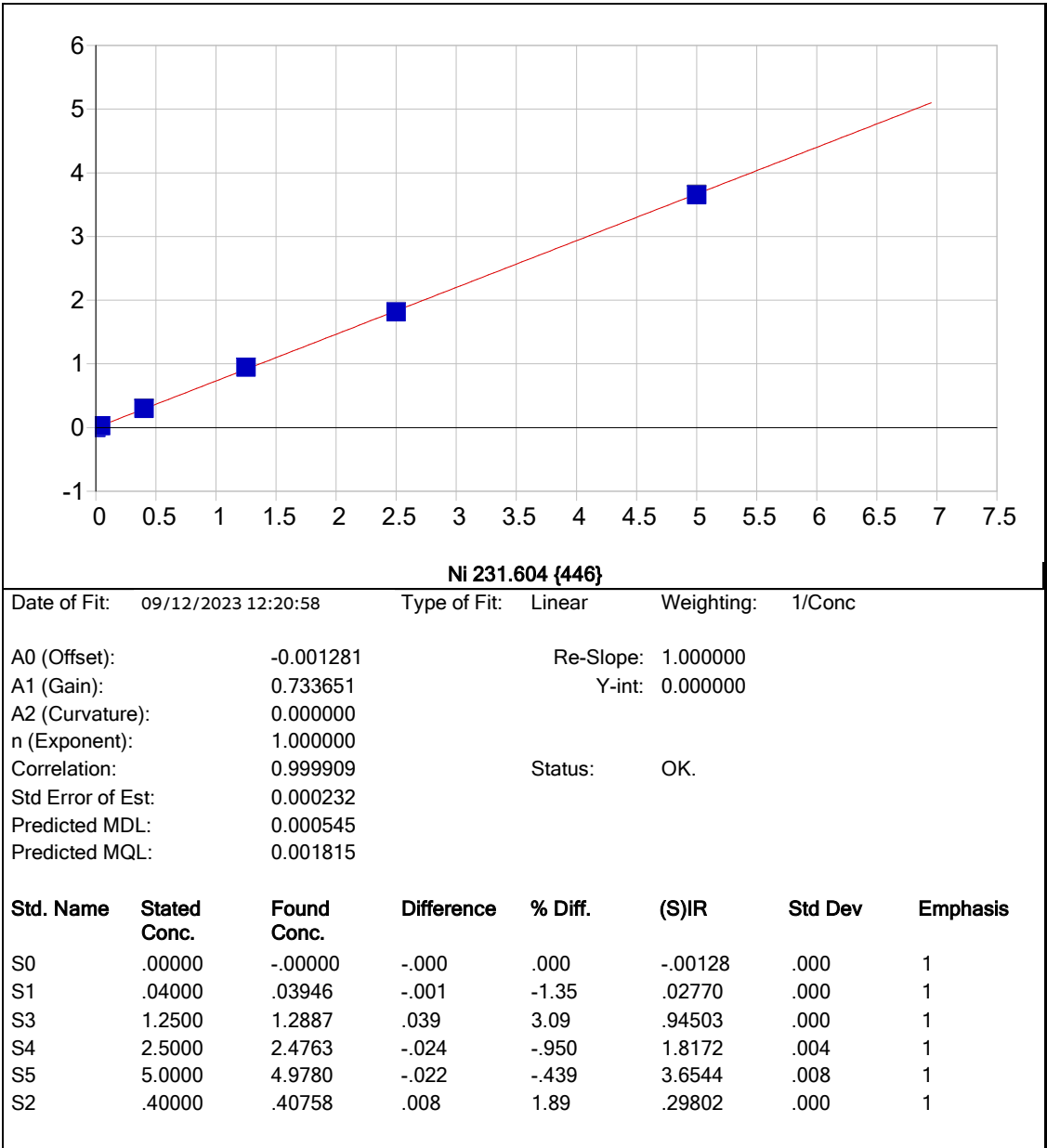


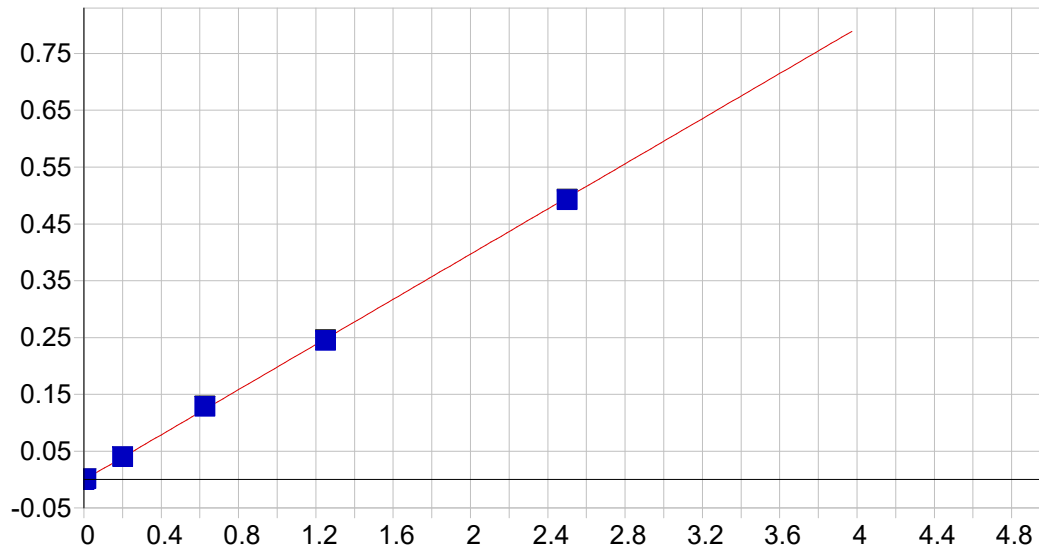
Mg 279.079 {121}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000073 Re-Slope: 1.000000
 A1 (Gain): 0.008622 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999844 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.033396
 Predicted MQL: 0.111322

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00023	-.000	.000	-.00008	.000	1
S2	4.0000	4.1097	.110	2.74	.03536	.001	1
S3	12.500	12.850	.350	2.80	.11072	.003	1
S4	25.000	24.866	-.134	-.535	.21433	.003	1
S5	50.000	49.525	-.475	-.950	.42694	.003	1
S1	2.0000	2.1493	.149	7.47	.01846	.000	1



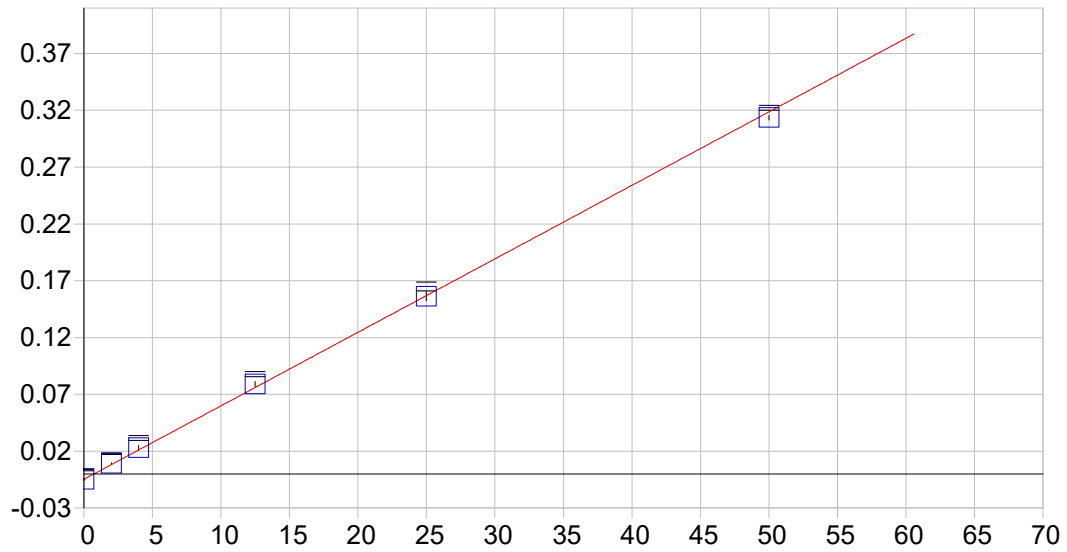


Ag 328.068 {103}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000825	Re-Slope:	1.000000
A1 (Gain):	0.198797	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999810	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	0.000573		
Predicted MQL:	0.001911		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00082	.000	1
S1	.01000	.01034	.000	3.36	.00122	.000	1
S3	.62500	.65234	.027	4.37	.12872	.000	1
S4	1.2500	1.2350	-.015	-1.20	.24442	.001	1
S5	2.5000	2.4809	-.019	-.764	.49184	.001	1
S2	.20000	.20644	.006	3.22	.04017	.000	1

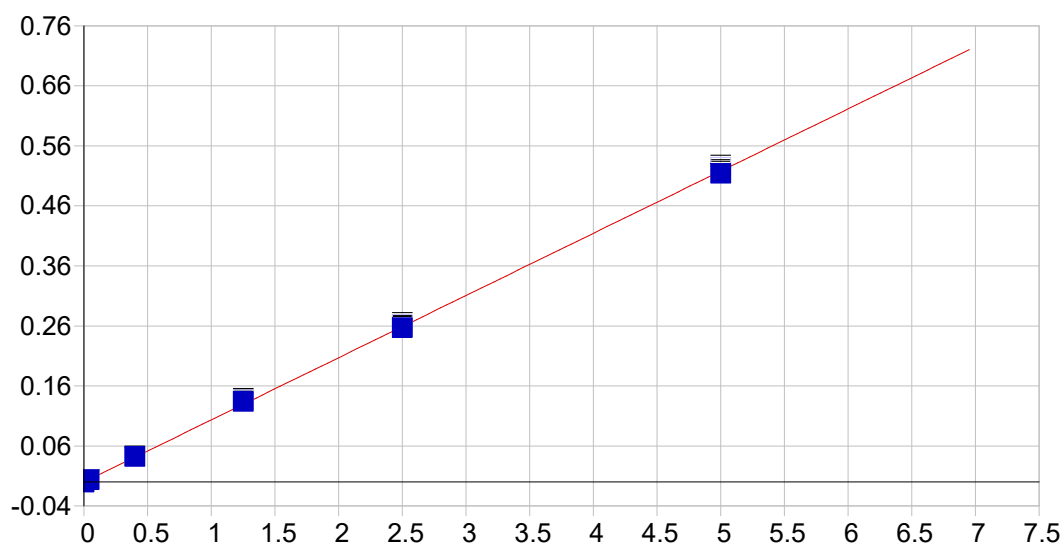


Na 818.326 { 41}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004869 Re-Slope: 1.000000
 A1 (Gain): 0.006470 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999664 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.258364
 Predicted MQL: 0.861215

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00033	-.000	.000	-.00487	.001	1
S2	4.0000	4.2886	.289	7.21	.02288	.002	1
S3	12.500	12.972	.472	3.78	.07906	.002	1
S4	25.000	24.878	-.122	-.489	.15609	.004	1
S5	50.000	49.213	-.787	-1.57	.31353	.002	1
S1	2.0000	2.1491	.149	7.45	.00903	.001	1

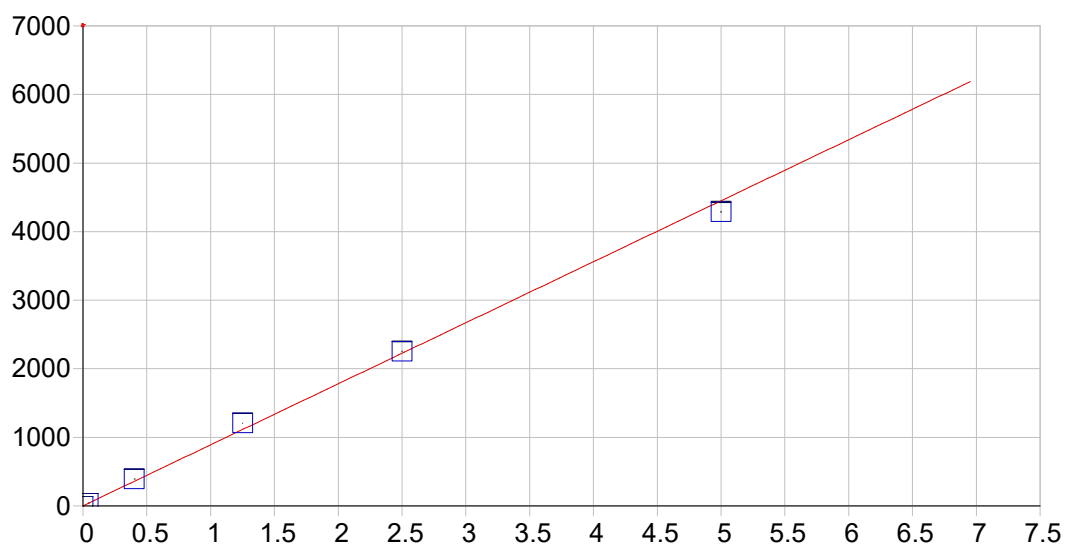


V 292.402 {115}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000365	Re-Slope:	1.000000
A1 (Gain):	0.103675	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999890	Status:	OK.
Std Error of Est:	0.000037		
Predicted MDL:	0.003287		
Predicted MQL:	0.010956		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00036	.000	1
S1	.04000	.03967	-.000	-.837	.00396	.000	1
S3	1.2500	1.2944	.044	3.55	.13641	.003	1
S4	2.5000	2.4846	-.015	-.614	.26239	.003	1
S5	5.0000	4.9632	-.037	-.736	.52452	.004	1
S2	.40000	.40810	.008	2.03	.04277	.001	1

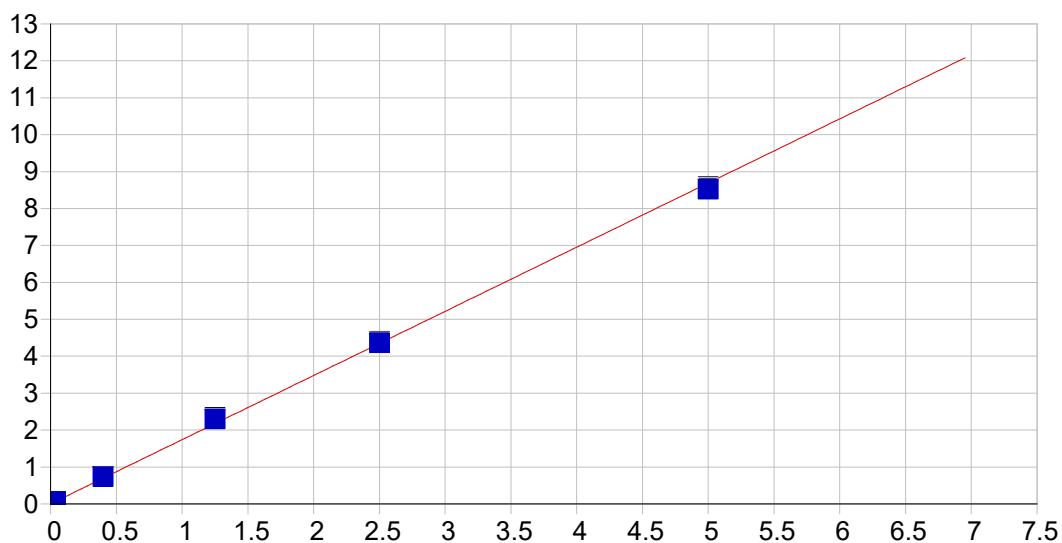


Zn 206.200 {464}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	1.361289	Re-Slope:	1.000000
A1 (Gain):	889.777452	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998893	Status:	OK.
Std Error of Est:	0.983313		
Predicted MDL:	0.000498		
Predicted MQL:	0.001660		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	1.3512	.342	1
S1	.04000	.04496	.005	12.4	41.365	.250	1
S3	1.2500	1.3551	.105	8.41	1207.1	1.01	1
S4	2.5000	2.5310	.031	1.24	2253.4	3.60	1
S5	5.0000	4.8190	-.181	-3.62	4289.2	8.35	1
S2	.40000	.43992	.040	9.98	392.79	1.37	1

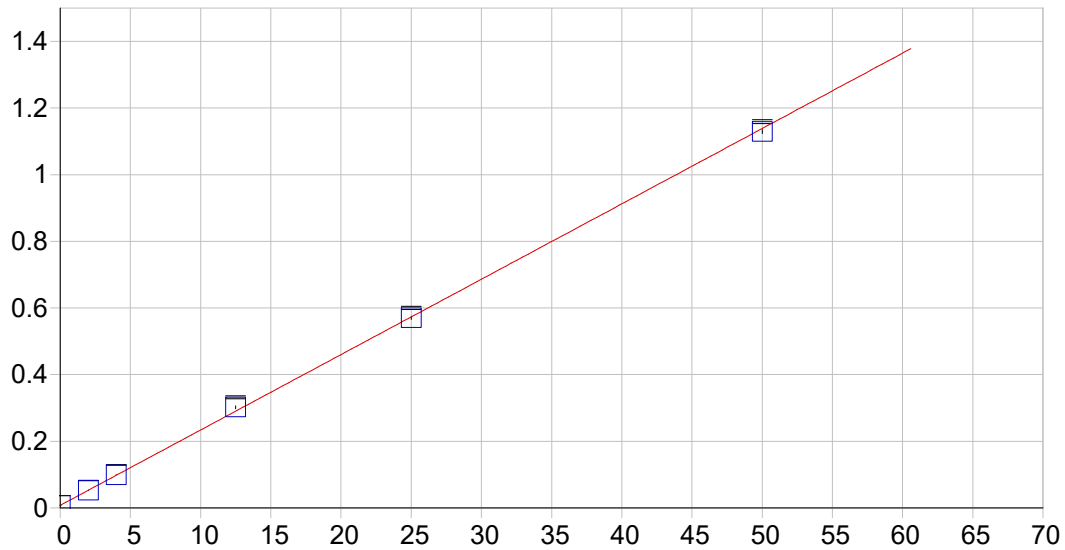


Zn 213.856 {158}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002283 Re-Slope: 1.000000
 A1 (Gain): 1.737763 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999601 Status: OK.
 Std Error of Est: 0.001159
 Predicted MDL: 0.000561
 Predicted MQL: 0.001870

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00227	.001	1
S1	.04000	.04240	.002	6.00	.07636	.001	1
S3	1.2500	1.3208	.071	5.66	2.3098	.028	1
S4	2.5000	2.5057	.006	.230	4.3812	.022	1
S5	5.0000	4.8990	-.101	-2.02	8.5646	.024	1
S2	.40000	.42202	.022	5.51	.73958	.003	1

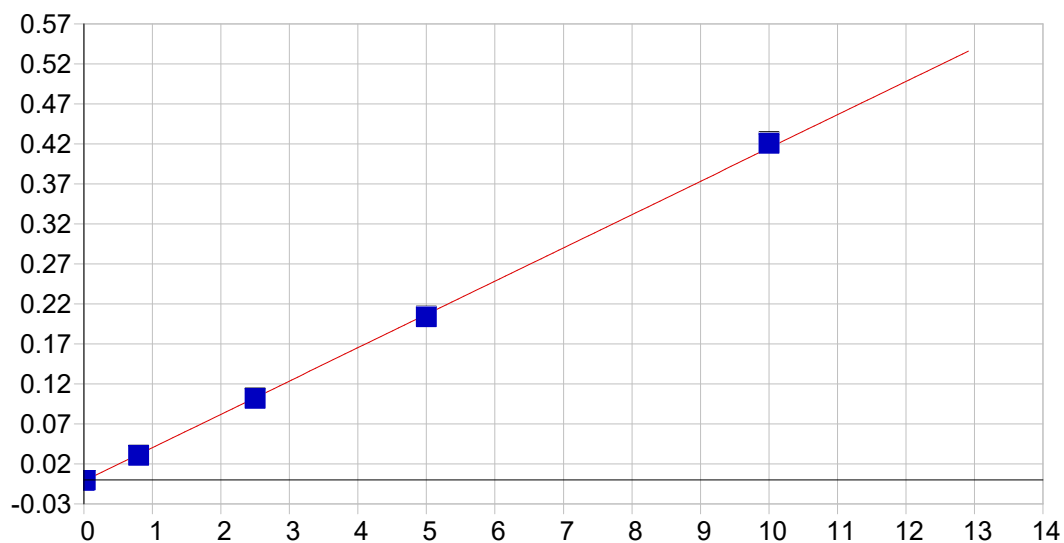


K 769.896 { 44 }

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007723 Re-Slope: 1.000000
 A1 (Gain): 0.022617 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860 Status: OK.
 Std Error of Est: 0.000200
 Predicted MDL: 0.069319
 Predicted MQL: 0.231063

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	.00772	.001	1
S2	4.0000	4.0502	.050	1.26	.09933	.001	1
S3	12.500	13.015	.515	4.12	.30207	.004	1
S4	25.000	24.872	-.128	-.514	.57024	.005	1
S5	50.000	49.591	-.409	-.818	1.1293	.006	1
S1	2.0000	1.9726	-.027	-1.37	.05234	.001	1

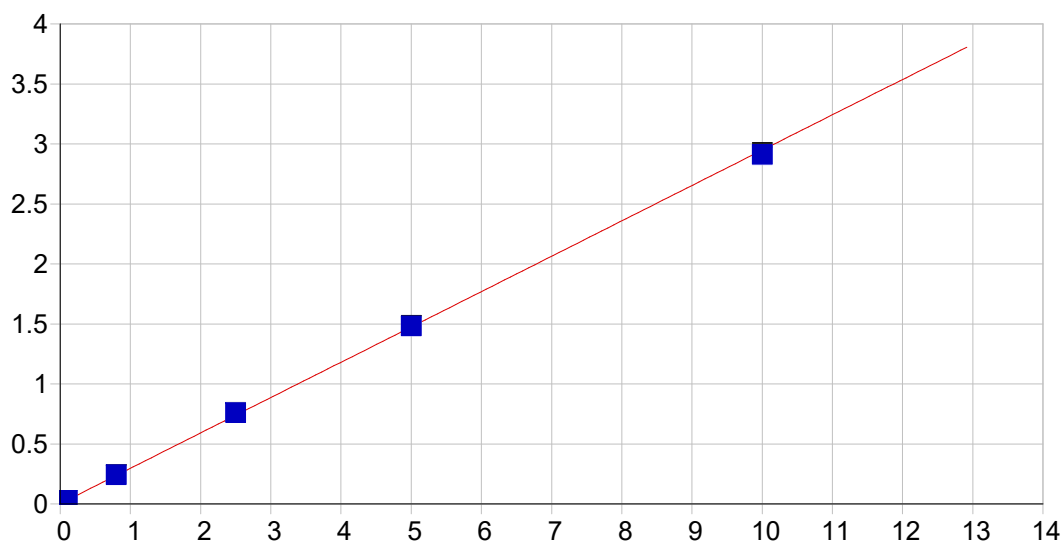


P 177.495 {490}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001211 Re-Slope: 1.000000
 A1 (Gain): 0.041604 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.004985
 Predicted MQL: 0.016615

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00121	.000	1
S1	.02000	.01827	-.002	-8.66	-.00044	.000	1
S3	2.5000	2.4742	-.026	-1.03	.10197	.000	1
S4	5.0000	4.9261	-.074	-1.48	.20421	.000	1
S5	10.000	10.137	.137	1.37	.42149	.001	1
S2	.80000	.76452	-.035	-4.43	.03067	.000	1

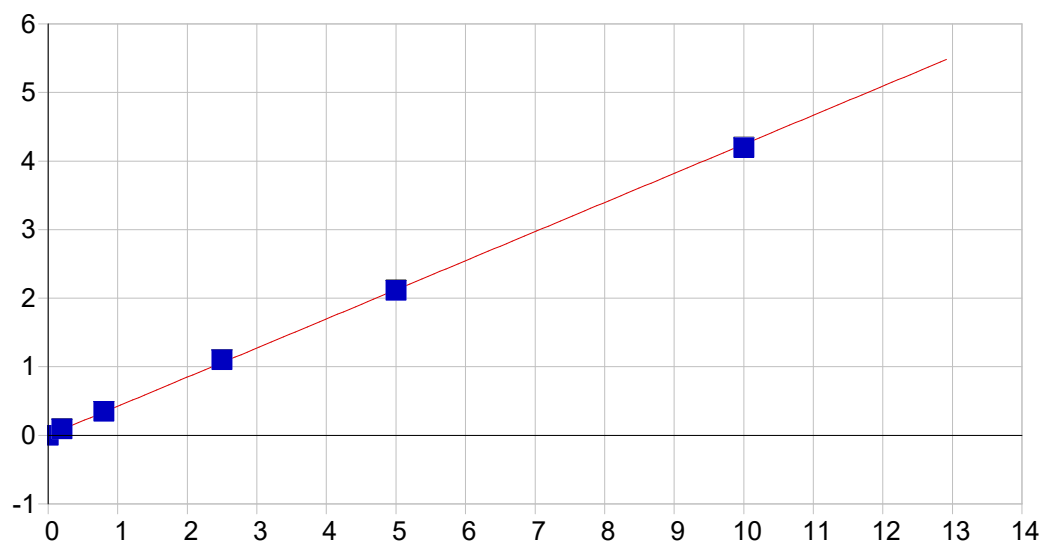


B 249.678 {135}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002037 Re-Slope: 1.000000
 A1 (Gain): 0.294564 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886 Status: OK.
 Std Error of Est: 0.000233
 Predicted MDL: 0.001335
 Predicted MQL: 0.004450

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00204	.000	1
S1	.10000	.10058	.001	.577	.03155	.000	1
S3	2.5000	2.5761	.076	3.04	.75918	.003	1
S4	5.0000	5.0291	.029	.583	1.4801	.006	1
S5	10.000	9.8802	-.120	-1.20	2.9057	.017	1
S2	.80000	.81401	.014	1.75	.24128	.002	1

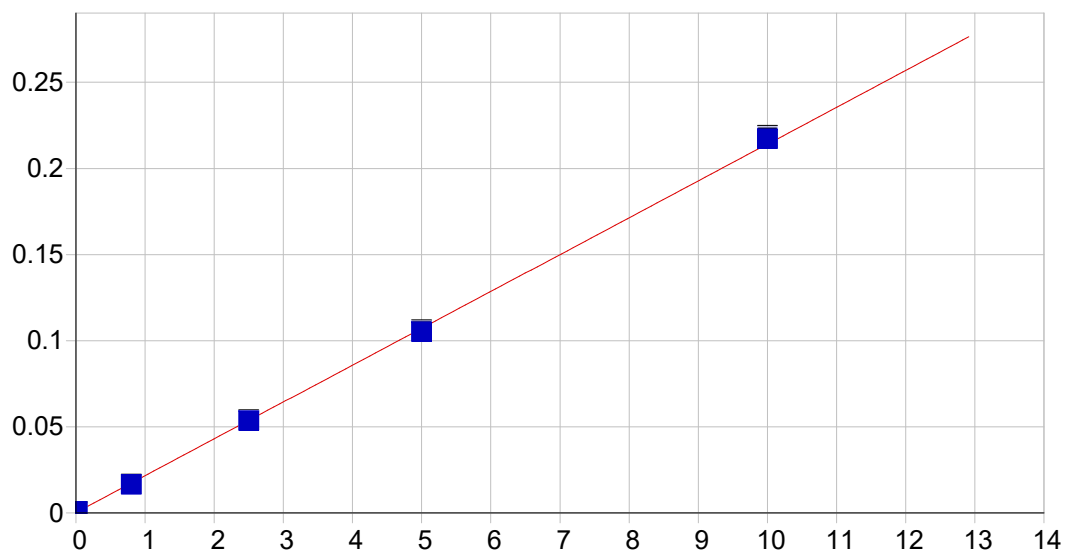


Mo 202.030 {467}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000147 Re-Slope: 1.000000
 A1 (Gain): 0.424411 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999819 Status: OK.
 Std Error of Est: 0.000601
 Predicted MDL: 0.000613
 Predicted MQL: 0.002042

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00016	.000	1
S1	.20000	.21476	.015	7.38	.09100	.000	1
S3	2.5000	2.5965	.096	3.86	1.1021	.004	1
S4	5.0000	4.9806	-.019	-.389	2.1141	.003	1
S5	10.000	9.8875	-.112	-1.12	4.1972	.004	1
S2	.80000	.82070	.021	2.59	.34824	.001	1

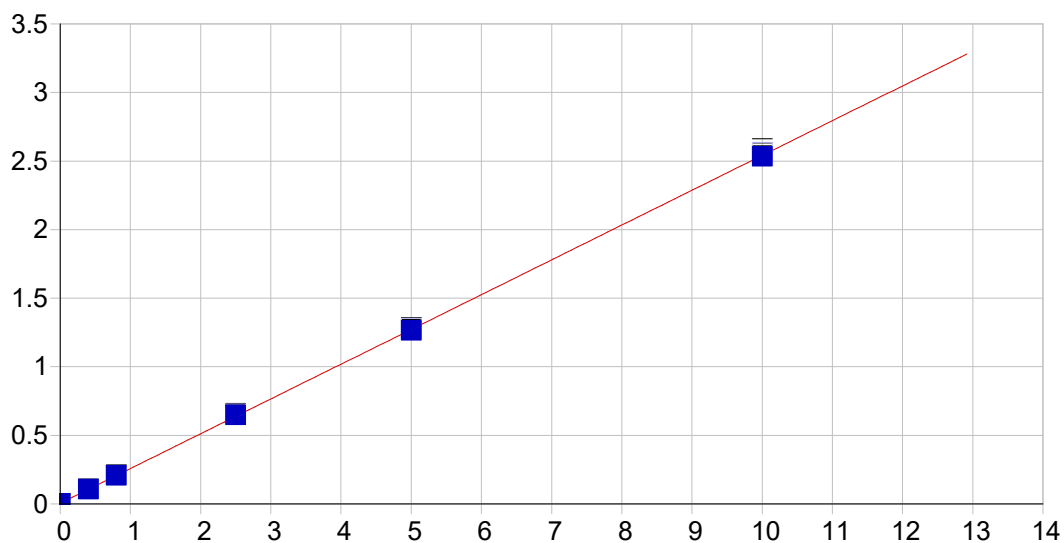


S 182.034 {485}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000259	Re-Slope:	1.000000
A1 (Gain):	0.021384	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999830	Status:	OK.
Std Error of Est:	0.000009		
Predicted MDL:	0.008514		
Predicted MQL:	0.028380		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00026	.000	1
S1	.02000	.01842	-.002	-7.88	.00064	.000	1
S3	2.5000	2.4896	-.010	-.417	.05376	.000	1
S4	5.0000	4.9072	-.093	-1.86	.10572	.000	1
S5	10.000	10.147	.147	1.47	.21830	.001	1
S2	.80000	.75776	-.042	-5.28	.01655	.000	1

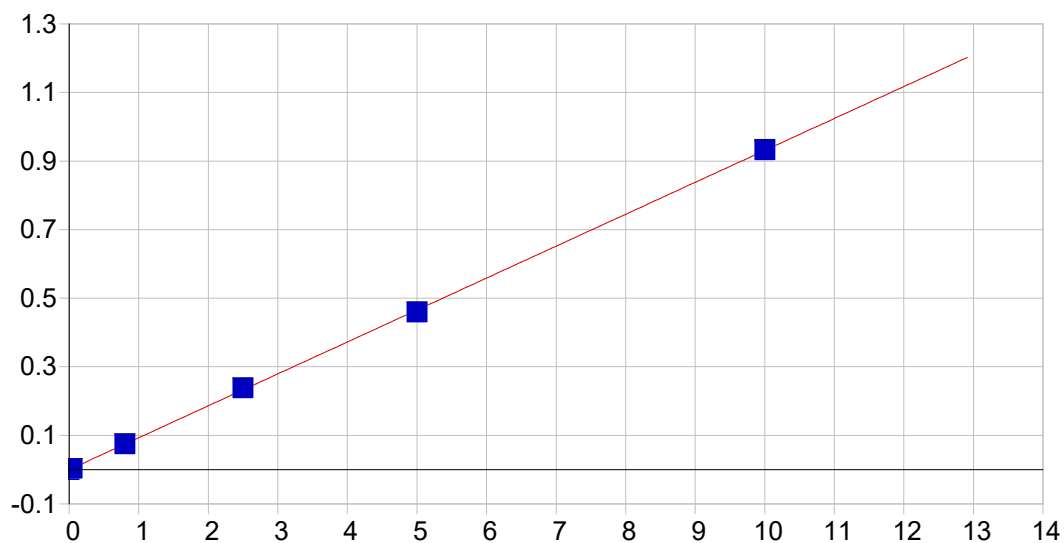


Si 251.611 {134}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004088 Re-Slope: 1.000000
 A1 (Gain): 0.253648 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000203
 Predicted MDL: 0.001509
 Predicted MQL: 0.005029

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00408	.001	1
S1	.40000	.40587	.006	1.47	.10752	.001	1
S3	2.5000	2.5434	.043	1.73	.65667	.003	1
S4	5.0000	4.9734	-.027	-.532	1.2805	.006	1
S5	10.000	9.9733	-.027	-.267	2.5636	.025	1
S2	.80000	.80413	.004	.517	.21044	.002	1

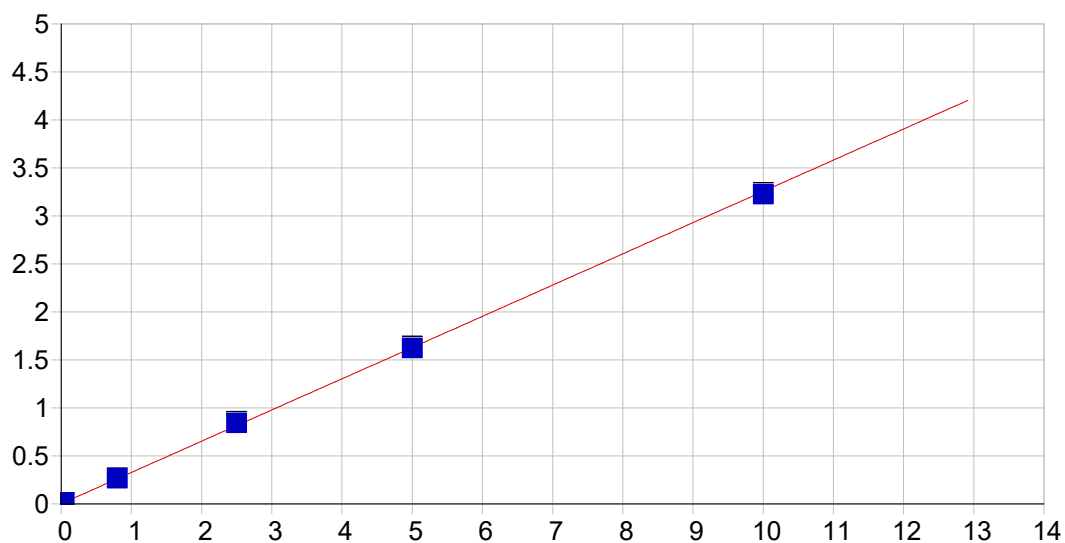


Sn 189.989 {478}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000055	Re-Slope:	1.000000
A1 (Gain):	0.093107	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999941	Status:	OK.
Std Error of Est:	0.000033		
Predicted MDL:	0.002147		
Predicted MQL:	0.007157		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00005	.000	1
S1	.04000	.03915	-.001	-2.12	.00359	.000	1
S3	2.5000	2.5542	.054	2.17	.23757	.001	1
S4	5.0000	4.9319	-.068	-1.36	.45877	.001	1
S5	10.000	10.011	.011	.109	.93130	.002	1
S2	.80000	.80388	.004	.485	.07473	.000	1

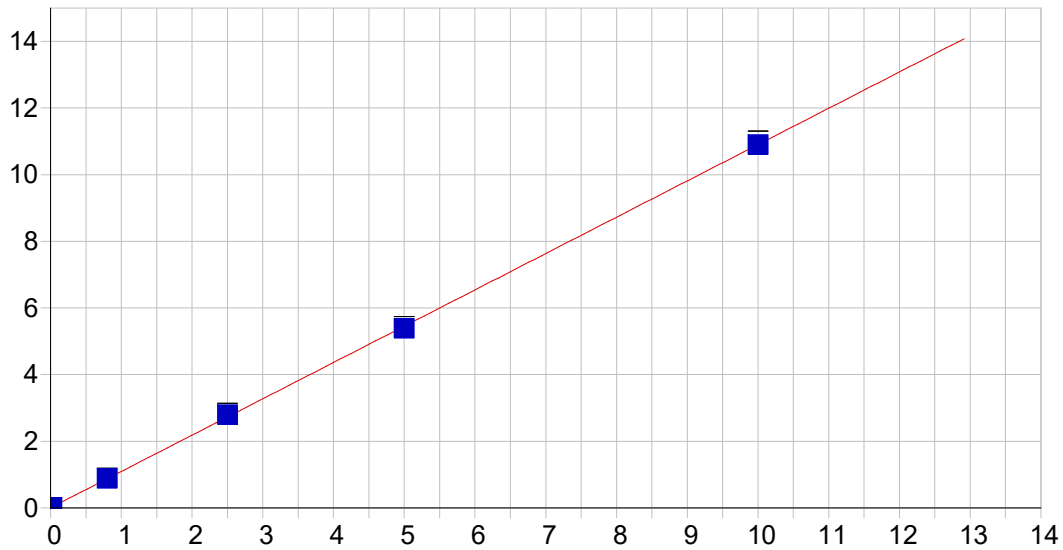


Ti 336.121 {100}

Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002230 Re-Slope: 1.000000
 A1 (Gain): 0.325299 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000167
 Predicted MDL: 0.001382
 Predicted MQL: 0.004605

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00223	.000	1
S1	.04000	.03974	-.000	-.640	.01515	.000	1
S3	2.5000	2.5895	.089	3.58	.84431	.015	1
S4	5.0000	4.9859	-.014	-.282	1.6236	.018	1
S5	10.000	9.9091	-.091	-.909	3.2246	.017	1
S2	.80000	.81575	.016	1.97	.26750	.003	1

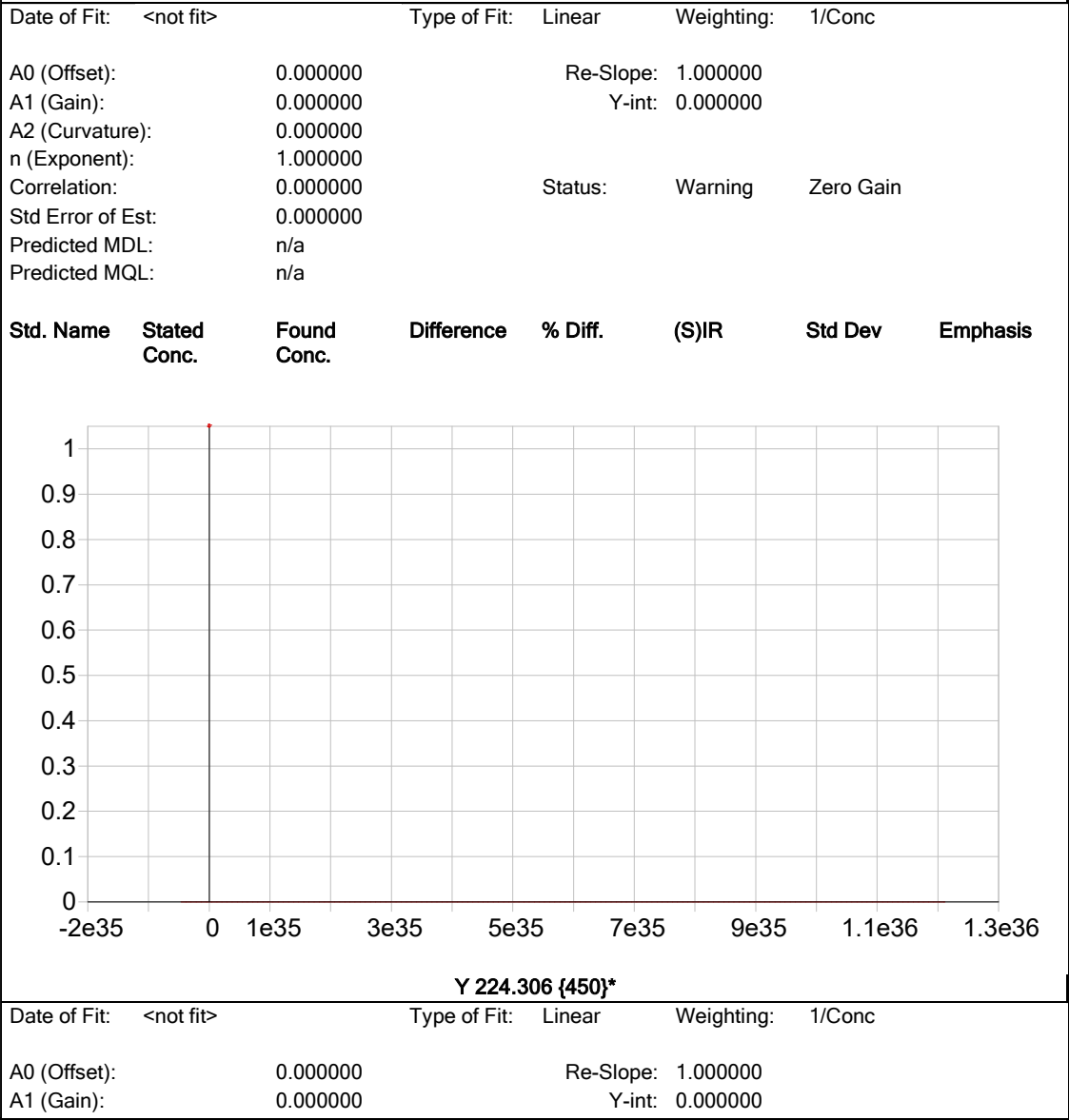
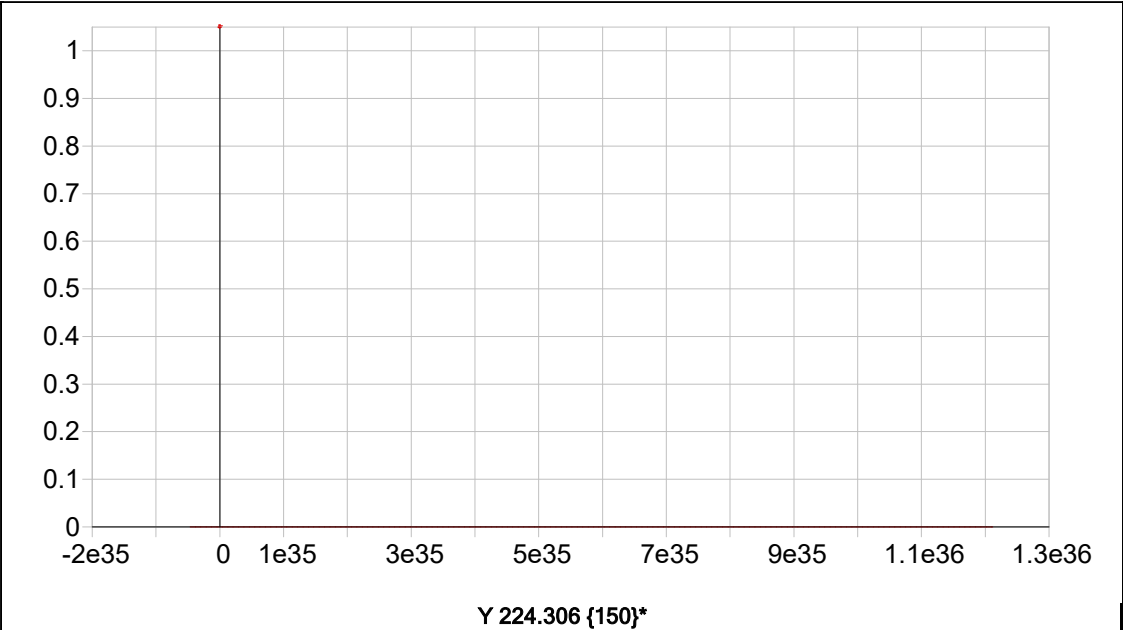


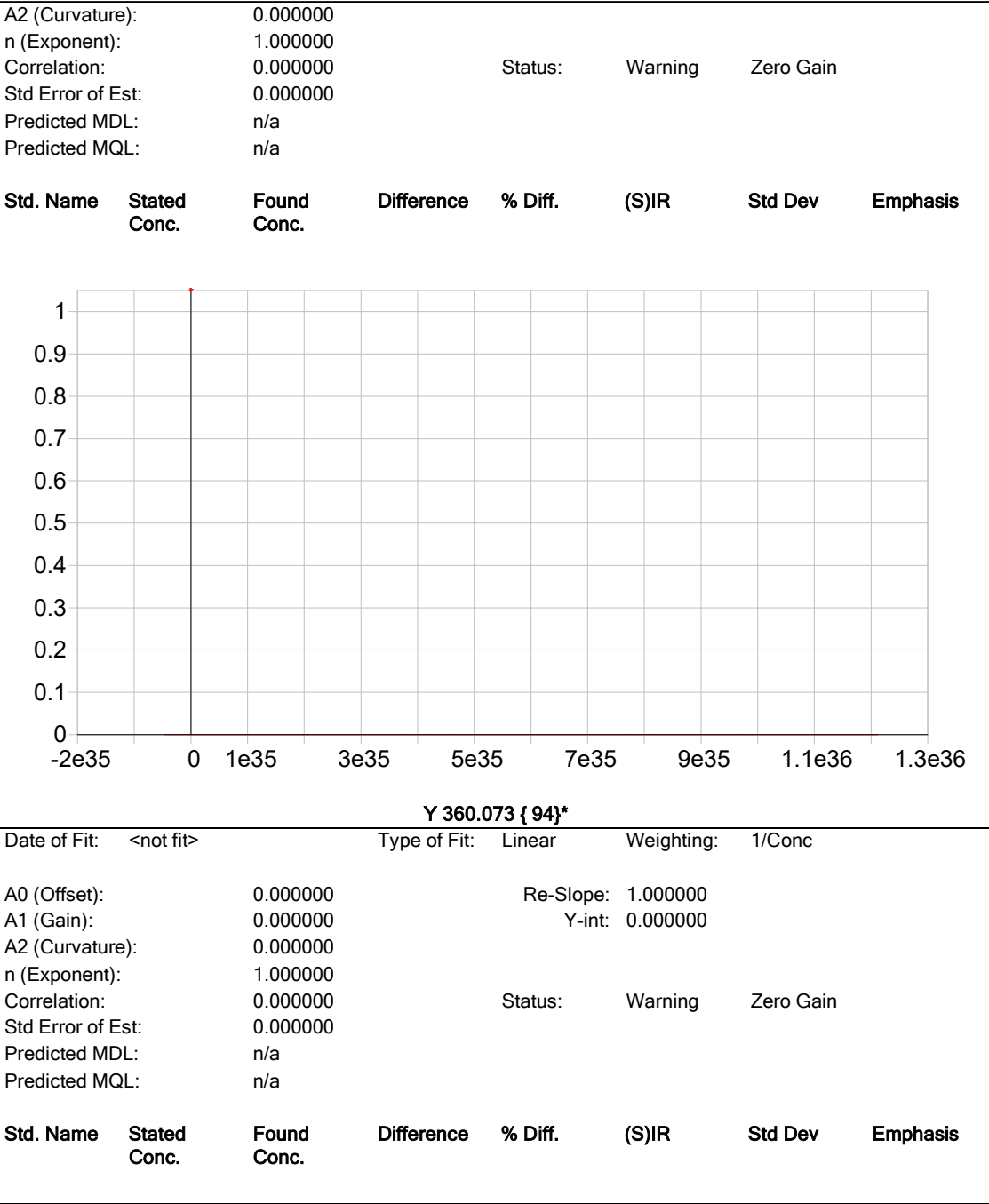
Li 670.784 { 50}

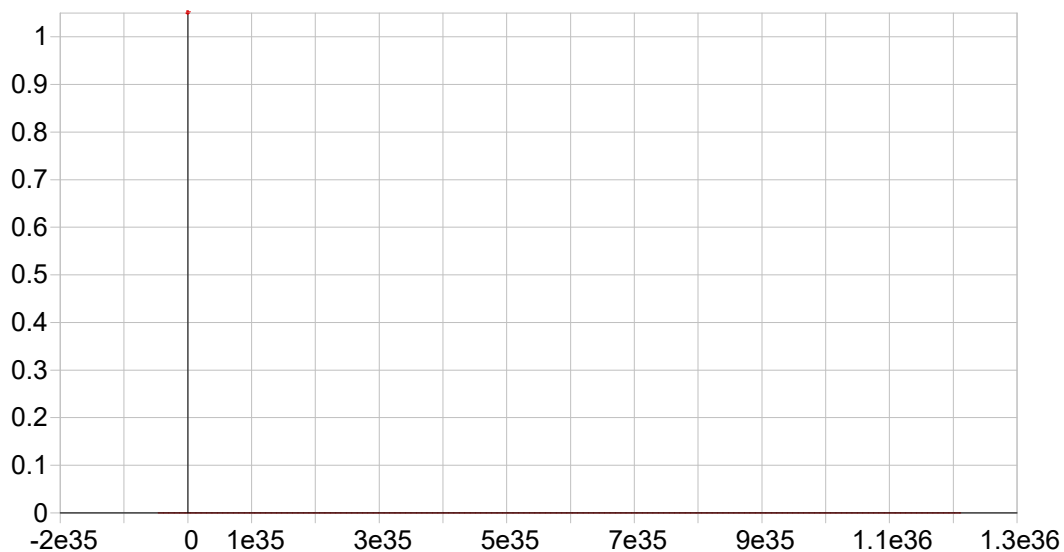
Date of Fit: 09/12/2023 12:20:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003691 Re-Slope: 1.000000
 A1 (Gain): 1.089961 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000268
 Predicted MDL: 0.001585
 Predicted MQL: 0.005284

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00369	.001	1
S5	10.000	9.9946	-.005	-.054	10.900	.112	1
S4	5.0000	4.9423	-.058	-1.15	5.3917	.052	1
S3	2.5000	2.5569	.057	2.28	2.7912	.050	1
S1	.02000	.02015	.000	.736	.02567	.001	1
S2	.80000	.80605	.006	.756	.88243	.013	1



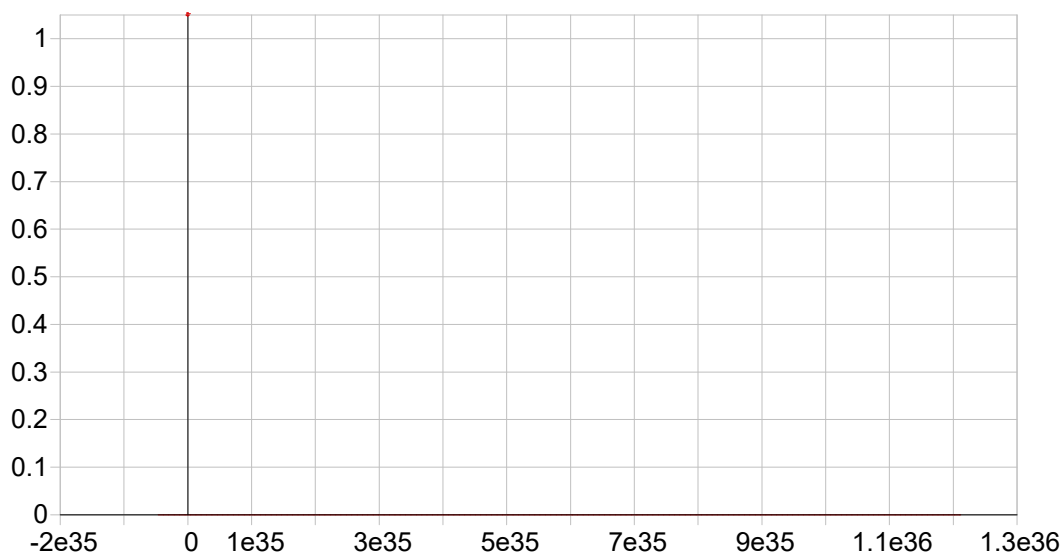




Y 371.030 { 91}*

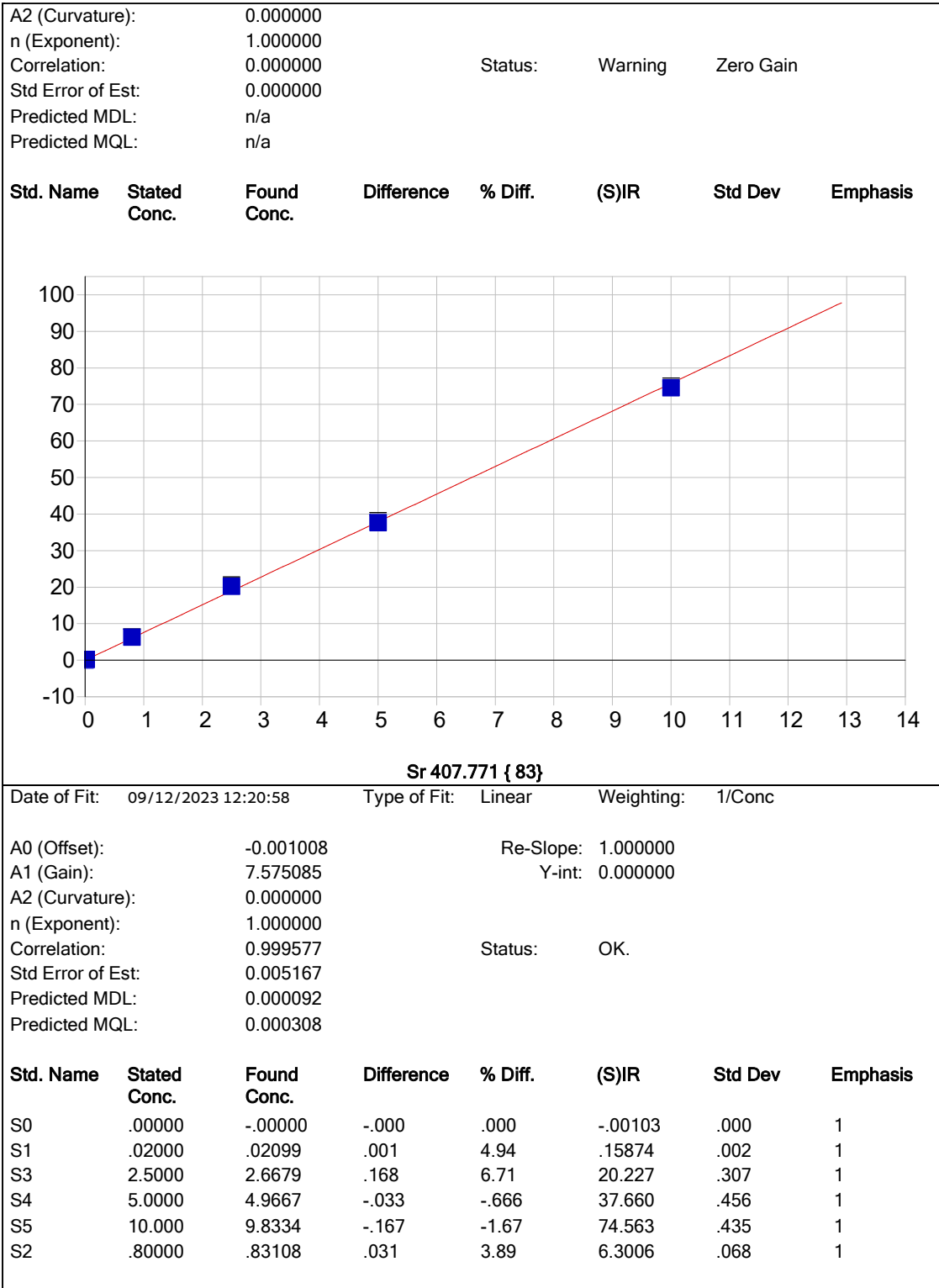
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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In 230.606 {446}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	



Sample Name: S0 Acquired: 09/12/2023 11:57:59 Type: Cal
Method: NON EPA-6010-200.7(v160) 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	-.00009	-.00014	-.00045	.00017	.00006	-.00086	.00518	-.00041
Stddev	.00002	.00014	.00021	.00022	.00021	.00080	.00153	.00014
%RSD	26.113	100.84	47.237	129.38	340.79	92.566	29.517	35.479

#1	-.00007	-.00007	-.00067	.00042	-.00015	-.00032	.00674	-.00053
#2	-.00008	-.00005	-.00044	.00008	.00028	-.00049	.00369	-.00044
#3	-.00012	-.00030	-.00025	.00001	.00005	-.00178	.00510	-.00025

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	.00020	.00281	.00002	-.00076	.00096	.00005	-.00004	-.00008
Stddev	.00015	.00033	.00008	.00025	.00029	.00021	.00008	.00023
%RSD	74.093	11.806	359.69	32.855	30.520	415.22	219.03	310.77

#1	.00026	.00315	-.00007	-.00071	.00128	-.00017	.00003	-.00021
#2	.00032	.00249	.00005	-.00103	.00092	.00009	-.00002	-.00021
#3	.00003	.00280	.00008	-.00054	.00069	.00023	-.00012	.00020

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	-.00128	-.00082	-.00487	-.00036	.00227	.00772	-.00121	.00204
Stddev	.00038	.00008	.00109	.00016	.00061	.00067	.00010	.00026
%RSD	29.649	9.4143	22.464	43.847	26.952	8.7233	8.3825	12.622

#1	-.00172	-.00084	-.00611	-.00032	.00279	.00803	-.00116	.00211
#2	-.00102	-.00090	-.00403	-.00023	.00244	.00695	-.00114	.00225
#3	-.00111	-.00074	-.00447	-.00054	.00159	.00819	-.00133	.00175

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	-.00016	.00026	.00408	-.00005	.00223	.00369	-.00103	
Stddev	.00019	.00008	.00060	.00005	.00038	.00092	.00025	
%RSD	118.25	32.222	14.763	96.566	17.137	24.869	24.738	

#1	-.00024	.00026	.00385	-.00010	.00205	.00474	-.00105	
#2	-.00029	.00018	.00477	-.00007	.00197	.00303	-.00076	
#3	.00006	.00034	.00364	.00000	.00267	.00330	-.00127	

Sample Name: S0 Acquired: 09/12/2023 11:57:59 Type: Cal
Method: NON EPA-6010-200.7(v160) 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	1152.4	1517.1	43293.	6082.5	1714.7
Stddev	11.1	11.3	132.	36.6	12.4
%RSD	.96032	.74569	.30561	.60228	.72182
#1	1148.4	1508.6	43428.	6120.3	1706.3
#2	1143.8	1512.8	43163.	6079.9	1708.9
#3	1164.9	1529.9	43289.	6047.2	1728.9

Sample Name: S1 Acquired: 09/12/2023 12:02:03 Type: Cal
Method: NON EPA-6010-200.7(v160) 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	.00044	.00260	.00125	.00094	.00622	.00869	.45442	.02260
Stddev	.00022	.00022	.00030	.00019	.00013	.00044	.00157	.00053
%RSD	50.184	8.3918	23.753	20.150	2.0724	5.0240	.34631	2.3516

#1	.00069	.00236	.00149	.00079	.00615	.00893	.45340	.02321
#2	.00028	.00266	.00135	.00115	.00637	.00896	.45623	.02234
#3	.00034	.00279	.00092	.00086	.00615	.00819	.45363	.02226

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	.01499	.09735	.00141	.02043	.00392	.00281	.00651	.01846
Stddev	.00022	.00117	.00002	.00042	.00032	.00029	.00008	.00040
%RSD	1.4936	1.2001	1.6237	2.0416	8.1107	10.162	1.1943	2.1591

#1	.01480	.09622	.00140	.02028	.00414	.00311	.00649	.01875
#2	.01523	.09728	.00139	.02012	.00405	.00254	.00660	.01862
#3	.01493	.09855	.00143	.02091	.00355	.00278	.00645	.01800

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	.02770	.00122	.00903	.00396	.07636	.05234	-.00044	.03155
Stddev	.00039	.00004	.00067	.00033	.00115	.00092	.00016	.00024
%RSD	1.3930	3.4009	7.4172	8.3056	1.5016	1.7575	35.227	.75074

#1	.02814	.00126	.00864	.00420	.07690	.05141	-.00062	.03135
#2	.02745	.00118	.00981	.00358	.07714	.05235	-.00035	.03181
#3	.02749	.00123	.00866	.00409	.07505	.05325	-.00036	.03149

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	.09100	.00064	.10752	.00359	.01515	.02567	.15874	
Stddev	.00030	.00001	.00098	.00004	.00022	.00058	.00200	
%RSD	.32764	1.0408	.90827	1.1710	1.4786	2.2709	1.2626	

#1	.09083	.00065	.10843	.00364	.01499	.02634	.15678	
#2	.09135	.00064	.10765	.00357	.01540	.02543	.15866	
#3	.09084	.00063	.10649	.00356	.01506	.02525	.16079	

Sample Name: S1 Acquired: 09/12/2023 12:02:03 Type: Cal
Method: NON EPA-6010-200.7(v160) 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	1163.7	1514.1	43464.	6062.9	1716.0
Stddev	.8	4.4	94.	26.8	4.2
%RSD	.06645	.28771	.21710	.44257	.24505
#1	1164.4	1509.5	43569.	6033.1	1711.1
#2	1163.9	1514.7	43435.	6070.2	1718.3
#3	1162.9	1518.2	43387.	6085.3	1718.4

Sample Name: S2 Acquired: 09/12/2023 12:06:07 Type: Cal
Method: NON EPA-6010-200.7(v160) 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	.02290	.05446	.12582	.02903	.10035	.14361	7.2967	.16295
Stddev	.00024	.00019	.00041	.00048	.00037	.00121	.0818	.00125
%RSD	1.0685	.34385	.32212	1.6539	.36491	.84202	1.1216	.76870

#1	.02283	.05457	.12616	.02957	.10076	.14225	7.2204	.16293
#2	.02269	.05458	.12592	.02888	.10007	.14456	7.2867	.16170
#3	.02317	.05425	.12537	.02865	.10022	.14402	7.3831	.16421

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	.92223	.19097	.02314	.28981	.03196	.02075	.13113	.03536
Stddev	.00036	.00419	.00004	.00038	.00054	.00028	.00143	.00095
%RSD	.03944	2.1961	.17362	.13100	1.6920	1.3313	1.0938	2.6882

#1	.92209	.18759	.02309	.29024	.03142	.02048	.12991	.03435
#2	.92264	.18967	.02315	.28971	.03250	.02074	.13076	.03549
#3	.92195	.19567	.02317	.28950	.03195	.02103	.13271	.03624

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	.29802	.04017	.02288	.04277	.73958	.09933	.03067	.24128
Stddev	.00017	.00007	.00211	.00057	.00309	.00080	.00029	.00214
%RSD	.05553	.18022	9.2092	1.3330	.41835	.80118	.94494	.88500

#1	.29784	.04026	.02045	.04229	.74091	.09876	.03051	.24083
#2	.29805	.04012	.02420	.04262	.73604	.09898	.03101	.23940
#3	.29817	.04014	.02398	.04340	.74178	.10024	.03050	.24360

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	.34824	.01655	.21044	.07473	.26750	.88243	6.3006
Stddev	.00061	.00012	.00211	.00049	.00328	.01284	.0679
%RSD	.17474	.69656	1.0049	.64986	1.2246	1.4551	1.0780

#1	.34894	.01642	.20983	.07517	.26379	.87016	6.2259
#2	.34796	.01657	.20870	.07482	.26873	.88134	6.3171
#3	.34783	.01665	.21280	.07421	.26999	.89577	6.3587

Sample Name: S2 Acquired: 09/12/2023 12:06:07 Type: Cal
Method: NON EPA-6010-200.7(v160) 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	1163.5	1510.1	43368.	6096.0	1706.1
Stddev	6.3	4.9	145.	37.9	2.5
%RSD	.54241	.32575	.33377	.62104	.14940
#1	1156.2	1504.6	43501.	6109.0	1704.1
#2	1166.9	1511.4	43214.	6125.7	1705.3
#3	1167.4	1514.2	43389.	6053.4	1709.0

Sample Name: S3 Acquired: 09/12/2023 12:10:06 Type: Cal
Method: NON EPA-6010-200.7(v160) 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	.07207	.17464	.39900	.09085	.31682	.45370	23.366	.51140
Stddev	.00015	.00077	.00108	.00102	.00099	.00639	.420	.00384
%RSD	.21357	.44222	.27093	1.1261	.31177	1.4083	1.7992	.75107

#1	.07199	.17475	.39993	.08972	.31631	.44673	22.881	.50783
#2	.07225	.17382	.39925	.09111	.31796	.45511	23.593	.51547
#3	.07197	.17535	.39781	.09171	.31621	.45927	23.625	.51089

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	2.8883	.59586	.07253	.92671	.09944	.06567	.41244	.11072
Stddev	.0017	.01265	.00043	.00080	.00176	.00084	.00885	.00267
%RSD	.05715	2.1234	.59612	.08599	1.7714	1.2854	2.1453	2.4114

#1	2.8870	.58128	.07302	.92582	.09741	.06470	.40223	.10764
#2	2.8902	.60400	.07219	.92696	.10047	.06610	.41781	.11226
#3	2.8878	.60230	.07238	.92735	.10044	.06621	.41728	.11226

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	.94503	.12872	.07906	.13641	2.3098	.30207	.10197	.75918
Stddev	.00026	.00038	.00216	.00266	.0278	.00412	.00042	.00304
%RSD	.02773	.29879	2.7269	1.9531	1.2037	1.3647	.41440	.40003

#1	.94500	.12908	.07682	.13334	2.3021	.29744	.10245	.75753
#2	.94478	.12877	.07924	.13809	2.2866	.30343	.10177	.76268
#3	.94530	.12832	.08112	.13781	2.3406	.30534	.10167	.75732

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	1.1021	.05376	.65667	.23757	.84431	2.7912	20.227	
Stddev	.0036	.00025	.00319	.00067	.01489	.0503	.307	
%RSD	.32334	.45588	.48573	.28202	1.7631	1.8007	1.5171	

#1	1.0980	.05374	.65375	.23714	.82743	2.7332	19.885	
#2	1.1044	.05352	.66008	.23835	.84994	2.8220	20.320	
#3	1.1039	.05401	.65617	.23724	.85556	2.8184	20.477	

Sample Name: S3 Acquired: 09/12/2023 12:10:06 Type: Cal
Method: NON EPA-6010-200.7(v160) 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	1148.4	1491.3	42877.	6047.2	1661.6
Stddev	14.4	4.9	78.	42.3	1.0
%RSD	1.2505	.32580	.18079	.70030	.05958
#1	1152.8	1496.8	42826.	6093.9	1662.6
#2	1160.0	1487.5	42966.	6011.3	1660.6
#3	1132.3	1489.6	42839.	6036.3	1661.7

Sample Name: S4 Acquired: 09/12/2023 12:13:57 Type: Cal
Method: NON EPA-6010-200.7(v160) 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	.14238	.34534	.78921	.17814	.60464	.87000	44.897	.96970
Stddev	.00043	.00037	.00173	.00104	.00070	.00914	.493	.00248
%RSD	.30105	.10708	.21974	.58202	.11549	1.0508	1.0976	.25624

#1	.14287	.34529	.78724	.17930	.60485	.85993	44.349	.97043
#2	.14220	.34499	.78988	.17784	.60387	.87779	45.303	.96693
#3	.14207	.34573	.79050	.17729	.60522	.87228	45.039	.97174

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	5.6529	1.1433	.13766	1.7890	.18917	.12546	.78997	.21433
Stddev	.0097	.0150	.00019	.0024	.00114	.00130	.01039	.00328
%RSD	.17093	1.3140	.14099	.13538	.60218	1.0356	1.3155	1.5302

#1	5.6497	1.1260	.13759	1.7875	.18795	.12421	.77819	.21082
#2	5.6638	1.1503	.13752	1.7918	.18934	.12537	.79387	.21485
#3	5.6453	1.1535	.13788	1.7878	.19021	.12680	.79785	.21732

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	1.8172	.24442	.15609	.26239	4.3812	.57024	.20421	1.4801
Stddev	.0044	.00118	.00395	.00341	.0223	.00477	.00041	.0056
%RSD	.24347	.48080	2.5279	1.3001	.50958	.83611	.19848	.37626

#1	1.8128	.24429	.15168	.25846	4.4068	.56512	.20390	1.4827
#2	1.8216	.24566	.15929	.26448	4.3705	.57455	.20408	1.4737
#3	1.8172	.24332	.15729	.26424	4.3661	.57105	.20467	1.4838

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	2.1141	.10572	1.2805	.45877	1.6236	5.3917	37.660
Stddev	.0029	.00046	.0059	.00109	.0183	.0519	.456
%RSD	.13559	.43541	.46244	.23691	1.1268	.96265	1.2109

#1	2.1131	.10568	1.2801	.45793	1.6027	5.3366	37.140
#2	2.1119	.10529	1.2748	.45838	1.6314	5.4397	37.845
#3	2.1174	.10620	1.2866	.46000	1.6367	5.3987	37.994

Sample Name: S4 Acquired: 09/12/2023 12:13:57 Type: Cal
Method: NON EPA-6010-200.7(v160) 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	1137.1	1480.6	42897.	6055.0	1626.0
Stddev	5.0	2.9	172.	13.4	3.3
%RSD	.44021	.19382	.40026	.22111	.20022
#1	1131.9	1478.6	42971.	6049.1	1625.1
#2	1137.6	1479.3	42701.	6070.4	1623.3
#3	1141.9	1483.9	43019.	6045.7	1629.6

Sample Name: S5 Acquired: 09/12/2023 12:17:54 Type: Cal
Method: NON EPA-6010-200.7(v160) 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	.28491	.69467	1.6017	.34771	1.2059	1.7384	88.161	1.8844
Stddev	.00099	.00068	.0039	.00154	.0042	.0133	1.875	.0126
%RSD	.34857	.09723	.24496	.44366	.34537	.76552	2.1269	.66586

#1	.28476	.69427	1.5994	.34593	1.2013	1.7231	86.864	1.8792
#2	.28597	.69429	1.5994	.34868	1.2093	1.7475	87.308	1.8752
#3	.28400	.69545	1.6062	.34852	1.2072	1.7446	90.311	1.8987

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	11.297	2.2818	.27196	3.6138	.37485	.24766	1.5665	.42694
Stddev	.027	.0234	.00044	.0053	.00238	.00230	.0166	.00256
%RSD	.23743	1.0247	.16014	.14693	.63532	.92984	1.0594	.59973

#1	11.277	2.2669	.27236	3.6119	.37219	.24558	1.5551	.42490
#2	11.285	2.2697	.27150	3.6097	.37679	.24728	1.5588	.42610
#3	11.327	2.3087	.27202	3.6198	.37558	.25014	1.5855	.42981

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	3.6544	.49184	.31353	.52452	8.5646	1.1293	.42149	2.9057
Stddev	.0085	.00133	.00212	.00372	.0244	.0056	.00130	.0169
%RSD	.23204	.26978	.67479	.70989	.28436	.49463	.30800	.58184

#1	3.6485	.49267	.31109	.52128	8.5417	1.1250	.42002	2.8985
#2	3.6506	.49031	.31454	.52370	8.5620	1.1356	.42197	2.8936
#3	3.6641	.49253	.31494	.52859	8.5902	1.1273	.42247	2.9250

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	4.1972	.21830	2.5636	.93130	3.2246	10.900	74.563
Stddev	.0042	.00088	.0254	.00228	.0174	.112	.435
%RSD	.10032	.40364	.99154	.24488	.53860	1.0303	.58320

#1	4.1923	.21798	2.5473	.92994	3.2058	10.847	74.924
#2	4.1999	.21762	2.5507	.93003	3.2278	10.823	74.080
#3	4.1993	.21929	2.5929	.93393	3.2400	11.028	74.686

Sample Name: S5 Acquired: 09/12/2023 12:17:54 Type: Cal
Method: NON EPA-6010-200.7(v160) 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	1112.1	1449.3	41817.	6037.9	1551.1
Stddev	3.5	1.7	175.	37.2	2.1
%RSD	.31787	.11447	.41931	.61691	.13847
#1	1112.0	1450.7	41625.	6032.4	1552.5
#2	1115.8	1447.4	41968.	6077.7	1552.2
#3	1108.7	1449.7	41859.	6003.8	1548.6

Sample Name: ICV01 Acquired: 09/12/2023 12:30:18 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	1.047423	1.010272	1.004324	1.048442	.9953470	2.529071
Stddev	.006305	.009680	.001687	.008244	.0020294	.034522
%RSD	.6019447	.9581377	.1679273	.7862708	.2038903	1.364991

#1	1.054385	1.020760	1.005530	1.042646	.9956131	2.493585
#2	1.042099	1.001682	1.002397	1.057879	.9931977	2.531090
#3	1.045785	1.008376	1.005045	1.044800	.9972303	2.562539

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5241268	.5176272	.5115166	10.08344	.5153994	.5009088
Stddev	.0104648	.0042049	.0007707	.18729	.0032144	.0012268
%RSD	1.996614	.8123330	.1506657	1.857382	.6236710	.2449047

#1	.5121956	.5129101	.5123123	9.86991	.5121627	.5005457
#2	.5284352	.5209819	.5107736	10.16049	.5154446	.4999047
#3	.5317496	.5189897	.5114641	10.21991	.5185910	.5022762

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5194810	10.42472	.5254001	5.994411	.5039712	.2529422
Stddev	.0069539	.18637	.0110536	.085351	.0008222	.0008787
%RSD	1.338622	1.787795	2.103845	1.423836	.1631412	.3473822

#1	.5139536	10.20961	.5127469	5.900514	.5031159	.2519304
#2	.5172006	10.53784	.5302757	6.067287	.5047557	.2533831
#3	.5272887	10.52670	.5331776	6.015431	.5040419	.2535132

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.10186	.4880210	1.007921	9.820304	F 2.355188	2.436471
Stddev	.21086	.0114195	.003896	.148749	.008035	.023053
%RSD	2.087347	2.339957	.3865329	1.514714	.3411625	.9461650

#1	10.24308	.4756221	1.011046	9.648604	2.351335	2.409868
#2	9.85948	.4981069	1.003556	9.910137	2.349805	2.450574
#3	10.20301	.4903341	1.009160	9.902170	2.364424	2.448973

Sample Name: ICV01 Acquired: 09/12/2023 12:30:18 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	2.403649	F 2.368281	2.414115	F 2.338109	2.427049	2.518632
Stddev	.006778	.008894	.020049	.006930	.037594	.052321
%RSD	.2820050	.3755261	.8305096	.2963794	1.548947	2.077377

#1	2.395950	2.377289	2.390970	2.342853	2.384022	2.458222
#2	2.408722	2.359507	2.425229	2.341318	2.443581	2.549565
#3	2.406274	2.368049	2.426146	2.330157	2.453544	2.548108

Elem	Sr4077
Units	ppm
Avg	2.455668
Stddev	.025156
%RSD	1.024403

#1	2.427363
#2	2.464169
#3	2.475472

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1142.891	1498.866	42822.22	6022.014	1680.447
Stddev	4.669	1.265	86.05	47.314	5.187
%RSD	.4085394	.0843660	.2009378	.7856826	.3086633

#1	1138.596	1498.967	42902.44	6076.080	1674.483
#2	1147.861	1497.554	42731.34	5988.176	1683.909
#3	1142.216	1500.077	42832.87	6001.788	1682.949

Sample Name: LLICV01 Acquired: 09/12/2023 12:38:31 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214813	.0375323	.0128400	.0194167	.0547428	.1008009
Stddev	.0035316	.0011393	.0003281	.0038290	.0042531	.0045513
%RSD	16.44057	3.035471	2.555057	19.72034	7.769251	4.515139

#1	.0182813	.0381097	.0127088	.0212679	.0502559	.1038611
#2	.0208920	.0362199	.0125979	.0219683	.0587154	.1029710
#3	.0252705	.0382672	.0132134	.0150138	.0552572	.0955707

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1042563	.0062208	.0064554	2.092754	.0102164	.0296742
Stddev	.0003527	.0001103	.0001791	.016721	.0006318	.0002210
%RSD	.3382957	1.772589	2.774783	.7989883	6.183670	.7446100

#1	.1039892	.0063404	.0064951	2.073828	.0108967	.0294644
#2	.1046561	.0061989	.0066114	2.105526	.0096483	.0296532
#3	.1041237	.0061232	.0062598	2.098907	.0101043	.0299049

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219895	.1136439	.0210594	2.123600	.0398347	.0110320
Stddev	.0019597	.0153990	.0008560	.056563	.0003140	.0005159
%RSD	8.912151	13.55021	4.064586	2.663547	.7882368	4.676732

#1	.0224858	.1203467	.0214019	2.060650	.0401270	.0113637
#2	.0198293	.1245556	.0216912	2.139998	.0395028	.0104375
#3	.0236533	.0960296	.0200852	2.170153	.0398742	.0112946

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.106521	.0391727	.0428665	1.943089	.0178583	.1058930
Stddev	.168935	.0025318	.0019312	.016311	.0017548	.0017475
%RSD	8.019601	6.463273	4.505195	.8394391	9.826499	1.650200

#1	1.990751	.0397229	.0450708	1.939070	.0161055	.1041195
#2	2.300372	.0413841	.0420570	1.961033	.0178542	.1059465
#3	2.028439	.0364110	.0414718	1.929162	.0196152	.1076131

Sample Name: LLICV01 Acquired: 09/12/2023 12:38:31 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2172637	F .0148312	.4086930	.0390417	.0406996	.0178958
Stddev	.0021172	.0030832	.0033717	.0028014	.0007023	.0011332
%RSD	.9744896	20.78837	.8249987	7.175277	1.725653	6.332287

#1	.2172123	.0172252	.4123172	.0368160	.0406033	.0190093
#2	.2151727	.0159162	.4056492	.0421874	.0414452	.0179344
#3	.2194062	.0113522	.4081125	.0381219	.0400505	.0167438

Elem	Sr4077
Units	ppm
Avg	.0210712
Stddev	.0001406
%RSD	.6673876

#1	.0209089
#2	.0211463
#3	.0211582

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1130.067	1506.542	42470.43	6009.320	1706.830
Stddev	33.229	2.823	1328.31	42.055	3.907
%RSD	2.940437	.1874073	3.127613	.6998291	.2288865

#1	1092.663	1504.859	40937.64	5960.810	1705.409
#2	1141.359	1509.802	43285.18	6031.650	1703.833
#3	1156.178	1504.966	43188.45	6035.500	1711.248

Sample Name: ICB01 Acquired: 09/12/2023 12:42:35 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	-.003982	-.001047	.0009830	-.004356	.0002611	.0080441	.0003427
Stddev	.001128	.002734	.0018367	.011705	.0017060	.0041849	.0002959
%RSD	28.32902	261.0440	186.8495	268.7333	653.2793	52.02456	86.33369

#1	-.002776	-.004152	-.000246	-.013670	.0011589	.0036789	.0004983
#2	-.005011	.000011	.003094	-.008179	.0013308	.0120217	.0000015
#3	-.004159	.000999	.000101	.008783	-.001706	.0084317	.0005284

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000365	.0000008	.0010328	.0001338	.0002748	.0000888	.0125520
Stddev	.0000595	.0000056	.0125410	.0002643	.0003306	.0019075	.0060735
%RSD	162.9234	705.1700	1214.301	197.4867	120.2783	2147.725	48.38697

#1	-.000030	-.000005	.0105823	.0002954	-.000099	.0002758	.0060222
#2	.000085	.000005	.0056857	.0002773	.000527	.0018959	.0180325
#3	.000054	.000003	-.013170	-.000171	.000397	-.001905	.0136014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000374	-.012424	-.000029	.0003975	.1511261	-.000025	-.000822
Stddev	.000808	.034682	.000021	.0003918	.0415148	.003198	.000389
%RSD	216.1130	279.1452	71.56457	98.55182	27.47032	12890.84	47.32197

#1	.000182	-.035108	-.000052	.0001565	.1195308	.003064	-.001225
#2	-.000003	.027499	-.000015	.0008496	.1357023	.000183	-.000790
#3	-.001301	-.029664	-.000019	.0001865	.1981453	-.003322	-.000450

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002481	-.003029	.0021133	.0003366	-.002735	.0011278	.0002385
Stddev	.056109	.002329	.0006492	.0003840	.003457	.0010691	.0006494
%RSD	2261.308	76.88670	30.72166	114.0869	126.4275	94.78986	272.2854

#1	-.042947	-.005642	.0022178	.0007243	-.002578	.0009035	.0008266
#2	-.026068	-.002273	.0027038	.0003290	-.006268	.0001888	-.000458
#3	.061571	-.001172	.0014181	-.000044	.000642	.0022913	.000347

Sample Name: ICB01 Acquired: 09/12/2023 12:42:35 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0003696	.0007171	.0000697
Stddev	.0005796	.0007041	.0000949
%RSD	156.8095	98.18987	136.1930

#1	-.000033	.0012567	-.000026
#2	.000107	-.000079	.000070
#3	.001034	.000974	.000164

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1148.592	1505.859	42990.66	6022.673	1701.028
Stddev	3.948	1.827	100.49	92.968	5.692
%RSD	.3437453	.1213199	.2337510	1.543635	.3346075

#1	1144.111	1504.119	43039.97	6035.520	1695.214
#2	1150.110	1507.762	43056.97	6108.550	1706.589
#3	1151.557	1505.696	42875.04	5923.950	1701.280

Sample Name: CRI01 Acquired: 09/12/2023 12:46:41 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0162332	.0374848	.0136634	.0215544	.0503360	.0896457
Stddev	.0033354	.0006737	.0031163	.0075965	.0027877	.0089283
%RSD	20.54673	1.797331	22.80784	35.24362	5.538136	9.959604

#1	.0198512	.0380905	.0171656	.0146568	.0503181	.0833114
#2	.0132807	.0367592	.0126284	.0203101	.0531326	.0857684
#3	.0155676	.0376048	.0111963	.0296963	.0475573	.0998572

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1022093	.0063099	.0061611	2.071693	.0097953	.0294750
Stddev	.0010224	.0001260	.0000403	.011788	.0006153	.0002913
%RSD	1.000256	1.997284	.6542565	.5690097	6.282074	.9883084

#1	.1016120	.0062356	.0061624	2.066645	.0095165	.0293309
#2	.1033898	.0064554	.0061202	2.085164	.0105007	.0298103
#3	.1016260	.0062386	.0062007	2.063269	.0093687	.0292839

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237508	.1101068	.0214117	2.127284	.0399122	.0109765
Stddev	.0005054	.0136757	.0002866	.046561	.0001929	.0005407
%RSD	2.127998	12.42038	1.338286	2.188736	.4833902	4.925660

#1	.0232117	.1252613	.0211317	2.074980	.0396896	.0113669
#2	.0242139	.1063741	.0213989	2.142661	.0400313	.0103594
#3	.0238267	.0986850	.0217044	2.164212	.0400157	.0112032

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.192421	.0402443	.0421937	1.944181	.0170412	.1034628
Stddev	.054985	.0014266	.0005735	.090922	.0034767	.0016473
%RSD	2.507958	3.544765	1.359223	4.676630	20.40187	1.592203

#1	2.136078	.0401824	.0426493	1.956972	.0208334	.1048896
#2	2.195247	.0388497	.0423821	2.028030	.0140040	.1016600
#3	2.245939	.0417008	.0415497	1.847540	.0162862	.1038389

Sample Name: CRI01 Acquired: 09/12/2023 12:46:41 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.2160821	F .0131145	.4050112	.0404275	.0399796	.0181484
Stddev	.0004065	.0093757	.0025116	.0013895	.0010298	.0015799
%RSD	.1881191	71.49108	.6201357	3.436994	2.575678	8.705332

#1	.2157068	.0225698	.4033825	.0392465	.0405565	.0174453
#2	.2160256	.0129530	.4079037	.0400774	.0405916	.0199578
#3	.2165139	.0038206	.4037474	.0419585	.0387907	.0170421

Elem	Sr4077
Units	ppm
Avg	.0207067
Stddev	.0001892
%RSD	.9139547

#1	.0204900
#2	.0208389
#3	.0207913

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1145.571	1508.779	43154.17	6045.850	1712.874
Stddev	2.285	2.650	117.47	38.377	.869
%RSD	.1994543	.1756220	.2722115	.6347632	.0507557

#1	1143.881	1507.126	43018.94	6048.560	1711.908
#2	1148.170	1507.376	43212.72	6006.190	1713.595
#3	1144.661	1511.835	43230.87	6082.800	1713.118

Sample Name: ICSA01 Acquired: 09/12/2023 12:50:45 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010994	-.002305	-.001900	-.002865	.0035996	265.6176
Stddev	.0163606	.002848	.002478	.010380	.0008297	4.0425
%RSD	1488.102	123.5456	130.3997	362.3537	23.04953	1.521918

#1	.0159577	-.005379	-.003942	-.008864	.0038274	261.0376
#2	-.016434	-.001779	.000857	.009121	.0026798	267.1274
#3	.003774	.000243	-.002615	-.008851	.0042917	268.6880

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061715	.0011323	.0013657	255.2709	.0482663	-.001706
Stddev	.0002813	.0000398	.0003313	4.5856	.0009702	.000389
%RSD	4.558344	3.518840	24.25880	1.796372	2.010176	22.77609

#1	.0059638	.0010997	.0016989	250.1150	.0473941	-.001297
#2	.0064916	.0011767	.0010363	256.8043	.0493113	-.002071
#3	.0060589	.0011205	.0013619	258.8933	.0480936	-.001751

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002837	100.8825	.0126489	268.0471	.0022965	-.001686
Stddev	.001183	1.4071	.0001172	4.6099	.0003040	.000411
%RSD	41.70205	1.394757	.9264070	1.719805	13.23953	24.38082

#1	-.002814	99.2756	.0125146	262.8859	.0026363	-.001244
#2	-.004032	101.4781	.0127303	269.5000	.0022032	-.002056
#3	-.001666	101.8938	.0127018	271.7556	.0020500	-.001759

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4761101	.0039171	.0014446	-.122167	-.007806	.0802400
Stddev	.1599366	.0021749	.0010239	.088292	.002423	.0025327
%RSD	33.59236	55.52233	70.87435	72.27121	31.04030	3.156383

#1	.6396663	.0022063	.0010340	-.223401	-.009093	.0776152
#2	.3200572	.0031804	.0006898	-.082007	-.005011	.0804355
#3	.4686068	.0063647	.0026101	-.061095	-.009313	.0826693

Sample Name: ICSA01 Acquired: 09/12/2023 12:50:45 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001926	-.017852	-.004997	-.007788	-.001371	F -.020644
Stddev	.001060	.012071	.000706	.002636	.000919	.000454
%RSD	55.04306	67.61754	14.11779	33.85198	67.03872	2.198379

#1	-.000965	-.016132	-.004471	-.008113	-.002329	-.020133
#2	-.003063	-.006733	-.004722	-.010247	-.000497	-.021000
#3	-.001749	-.030690	-.005799	-.005004	-.001287	-.020799

Elem	Sr4077
Units	ppm
Avg	.0034961
Stddev	.0002184
%RSD	6.247185

#1	.0037326
#2	.0033020
#3	.0034536

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1058.498	1388.586	40027.34	5882.387	1462.581
Stddev	5.333	1.566	112.31	45.931	2.616
%RSD	.5038443	.1127435	.2805723	.7808305	.1788826

#1	1061.949	1386.795	40101.06	5935.158	1459.565
#2	1052.355	1389.268	39898.08	5851.404	1463.925
#3	1061.190	1389.695	40082.87	5860.598	1464.251

Sample Name: ICSAB01 Acquired: 09/12/2023 12:54:47 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1026983	.1179605	.0497179	.0493997	.6095928	256.2783	.5268712
Stddev	.0008858	.0067060	.0025453	.0038582	.0058245	3.3600	.0076754
%RSD	.8625682	5.684995	5.119522	7.810231	.9554719	1.311062	1.456792

#1	.1023823	.1253148	.0524792	.0449451	.6152177	252.5640	.5186738
#2	.1020137	.1121841	.0474654	.0515703	.6035874	257.1647	.5280520
#3	.1036988	.1163825	.0492090	.0516836	.6099735	259.1062	.5338878

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5138094	1.018381	245.6107	.5453304	.5018341	.5105715	97.42117
Stddev	.0018331	.002021	3.9913	.0014509	.0012118	.0074682	1.53742
%RSD	.3567646	.1984505	1.625039	.2660578	.2414749	1.462717	1.578114

#1	.5128639	1.016421	241.2248	.5438970	.5029112	.5022510	95.71533
#2	.5126421	1.018263	246.5777	.5452960	.5005220	.5166942	97.84836
#3	.5159222	1.020458	249.0297	.5467981	.5020691	.5127692	98.69981

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5240263	258.1193	.9983214	.2112715	.2962021	.5092100	1.025799
Stddev	.0065858	4.1349	.0028562	.0005093	.1019048	.0072794	.003397
%RSD	1.256764	1.601952	.2860997	.2410524	34.40381	1.429549	.3311265

#1	.5166890	253.4414	.9975653	.2110922	.2690719	.5009238	1.027282
#2	.5259642	259.6304	.9959194	.2108762	.4089265	.5121306	1.028203
#3	.5294256	261.2862	1.001480	.2118462	.2106080	.5145755	1.021913

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.150470	1.027847	1.060237	.9821489	1.045185	.8844151	.9973013
Stddev	.021897	.005015	.007902	.0021913	.016230	.0046782	.0024312
%RSD	14.55242	.4879093	.7453087	.2231183	1.552859	.5289611	.2437807

#1	-.135311	1.022244	1.052848	.9804622	1.026496	.8867050	.9953494
#2	-.140524	1.029384	1.059296	.9846257	1.053330	.8790331	.9965299
#3	-.175575	1.031914	1.068568	.9813587	1.055730	.8875072	1.000025

Sample Name: ICSAB01 Acquired: 09/12/2023 12:54:47 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9824205	1.030542	.9925073
Stddev	.0133443	.013308	.0100313
%RSD	1.358311	1.291362	1.010699

#1	.9672435	1.015983	.9813182
#2	.9877037	1.033564	.9955076
#3	.9923143	1.042079	1.000696

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1054.170	1389.684	40051.34	5862.764	1465.690
Stddev	3.014	3.911	10.90	19.572	3.953
%RSD	.2859110	.2814500	.0272143	.3338335	.2697260

#1	1056.683	1386.069	40056.86	5882.565	1462.602
#2	1050.828	1389.148	40058.38	5862.295	1470.145
#3	1054.997	1393.836	40038.79	5843.430	1464.322

Sample Name: ICSADLX20 Acquired: 09/12/2023 12:58:41 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0014978	.0014727	.0015902	-.006856	.0004780	12.99141	.0003508
Stddev	.0042898	.0011998	.0007393	.003433	.0022367	.08215	.0003873
%RSD	286.4074	81.46836	46.49043	50.07728	467.9203	.6323774	110.4136

#1	.0022279	.0028577	.0012942	-.003158	.0030229	12.92217	.0007731
#2	.0053757	.0007515	.0024317	-.007467	-.001176	12.96987	.0002671
#3	-.003110	.0008089	.0010448	-.009943	-.000413	13.08218	.0000122

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001958	.0001660	13.05718	.0025104	-.000788	-.002297	5.371555
Stddev	.0000658	.0000464	.10020	.0003622	.000530	.000582	.027324
%RSD	33.60606	27.95893	.7673927	14.42724	67.26660	25.33507	.5086726

#1	.0002221	.0001764	12.94422	.0027460	-.001366	-.001651	5.349116
#2	.0001210	.0001152	13.09195	.0020933	-.000324	-.002781	5.363567
#3	.0002445	.0002062	13.13536	.0026918	-.000674	-.002459	5.401982

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008144	13.12291	.0005081	.0003840	.0932796	.0023691	-.000351
Stddev	.0007707	.11907	.0006469	.0001615	.3184607	.0034083	.000270
%RSD	94.63762	.9073305	127.3150	42.05347	341.4045	143.8659	76.78607

#1	.0014766	13.01575	.0010612	.0002982	-.270526	.0062365	-.000042
#2	.0009983	13.10188	.0006665	.0002836	.321567	-.000196	-.000538
#3	-.000032	13.25108	-.000203	.0005703	.228798	.001067	-.000474

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.082288	-.004135	.0057847	.0001922	-.008052	-.000088	-.000119
Stddev	.022395	.000106	.0009846	.0002797	.008436	.001732	.001416
%RSD	27.21568	2.570754	17.02120	145.5031	104.7732	1976.838	1193.616

#1	-.066637	-.004193	.0056347	-.000129	-.014933	.001702	.000301
#2	-.107941	-.004012	.0048836	.000325	-.010582	-.001755	-.001697
#3	-.072286	-.004198	.0068357	.000381	.001360	-.000210	.001040

Sample Name: ICSADLX20 Acquired: 09/12/2023 12:58:41 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004699	-.003513	.0001297
Stddev	.0006380	.000611	.0000178
%RSD	135.7716	17.38876	13.75479

#1	.0006038	-.003031	.0001487
#2	-.000224	-.003308	.0001132
#3	.001030	-.004200	.0001272

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1135.140	1502.338	42647.29	6114.990	1682.491
Stddev	3.922	9.217	197.90	26.278	7.879
%RSD	.3454778	.6135131	.4640290	.4297308	.4682770

#1	1139.639	1494.561	42422.39	6085.200	1677.623
#2	1133.337	1499.933	42794.77	6124.890	1678.270
#3	1132.445	1512.518	42724.70	6134.880	1691.581

Sample Name: ICSABDLX20 Acquired: 09/12/2023 13:02:45 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0018676	.0061005	.0015842	.0049939	.0300672	12.69694	.0271299
Stddev	.0032073	.0015474	.0031837	.0065469	.0012089	.18289	.0005815
%RSD	171.7330	25.36510	200.9737	131.0964	4.020494	1.440408	2.143241

#1	.0003681	.0043432	.0024951	.0020312	.0296052	12.89933	.0277821
#2	.0055500	.0066989	.0042131	.0004521	.0291575	12.54353	.0269415
#3	-.000315	.0072593	-.001956	.0124985	.0314389	12.64795	.0266659

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0276510	.0521591	12.82011	.0286494	.0244941	.0270629	5.267009
Stddev	.0005889	.0001590	.14480	.0021232	.0005082	.0019051	.041512
%RSD	2.129954	.3048776	1.129460	7.410821	2.074671	7.039526	.7881523

#1	.0282424	.0521090	12.98723	.0289342	.0240195	.0270558	5.312448
#2	.0276459	.0523371	12.73221	.0306159	.0250303	.0289715	5.257508
#3	.0270646	.0520311	12.74088	.0263983	.0244326	.0251613	5.231071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0281443	12.85925	.0509172	.0110211	.0990633	.0275760	.0539474
Stddev	.0005288	.10143	.0001159	.0005446	.1838240	.0006790	.0037998
%RSD	1.878758	.7887424	.2277038	4.941581	185.5622	2.462301	7.043427

#1	.0282293	12.95765	.0509402	.0109781	.2985385	.0268370	.0523561
#2	.0275782	12.75504	.0510198	.0115859	-.063511	.0281723	.0582841
#3	.0286254	12.86505	.0507914	.0104992	.062163	.0277187	.0512020

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.082488	.0445375	.0562523	.0500816	.0479132	.0481624	.0491756
Stddev	.034887	.0005765	.0014537	.0000401	.0061614	.0022509	.0011737
%RSD	42.29334	1.294406	2.584229	.0800586	12.85948	4.673575	2.386742

#1	-.047746	.0445489	.0576512	.0501084	.0444701	.0501660	.0478510
#2	-.082200	.0439554	.0547494	.0500355	.0442430	.0485944	.0500861
#3	-.117517	.0451082	.0563564	.0501009	.0550266	.0457268	.0495898

Sample Name: ICSABDLX20 Acquired: 09/12/2023 13:02:45 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0523815	.0496098	.0509372
Stddev	.0018281	.0009273	.0008977
%RSD	3.489924	1.869215	1.762328

#1	.0526634	.0499073	.0519664
#2	.0540523	.0485702	.0503162
#3	.0504289	.0503518	.0505290

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1135.427	1501.518	42692.45	5964.607	1683.997
Stddev	68.044	6.160	2686.15	130.709	8.075
%RSD	5.992792	.4102298	6.291869	2.191403	.4795113

#1	1144.081	1497.574	42877.06	5814.250	1679.036
#2	1063.470	1498.364	39918.75	6028.410	1679.639
#3	1198.730	1508.616	45281.53	6051.160	1693.314

Sample Name: CCV01 Acquired: 09/12/2023 13:06:49 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	5.087448	5.053411	4.973458	5.031925	5.006759	9.909424	10.21859
Stddev	.014236	.010344	.015887	.011796	.001765	.080901	.08175
%RSD	.2798189	.2046954	.3194383	.2344245	.0352475	.8164087	.7999816

#1	5.100673	5.048331	4.965136	5.019876	5.004801	9.817023	10.13311
#2	5.089290	5.046589	4.963461	5.043451	5.008227	9.967524	10.29601
#3	5.072381	5.065313	4.991777	5.032450	5.007250	9.943725	10.22665

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2506319	2.470811	25.29774	.9891920	2.466642	1.266507	5.010369
Stddev	.0014204	.007644	.25937	.0069576	.006170	.014188	.036019
%RSD	.5667113	.3093779	1.025258	.7033656	.2501498	1.120243	.7188855

#1	.2510847	2.466287	25.00581	.9903495	2.462009	1.250262	4.976999
#2	.2517707	2.466510	25.50163	.9954983	2.464270	1.272789	5.048552
#3	.2490403	2.479637	25.38579	.9817282	2.473646	1.276469	5.005555

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.539564	24.72646	2.475046	1.258643	24.95569	2.535281	2.508302
Stddev	.030300	.25767	.006927	.003799	.56560	.031877	.034355
%RSD	1.193131	1.042092	.2798614	.3018495	2.266399	1.257322	1.369663

#1	2.505233	24.43011	2.470194	1.263020	24.43997	2.499094	2.528283
#2	2.562575	24.85166	2.471964	1.256189	24.86653	2.559204	2.527991
#3	2.550883	24.89761	2.482978	1.256721	25.56057	2.547544	2.468633

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.77996	5.081937	5.031061	4.995815	5.010775	4.976714	4.906772
Stddev	.22769	.027888	.020143	.002730	.014315	.018068	.014801
%RSD	.9188347	.5487607	.4003649	.0546554	.2856787	.3630541	.3016508

#1	24.54096	5.059438	5.031354	4.998262	5.002697	4.965105	4.889681
#2	24.99434	5.073236	5.051056	4.996313	5.027302	4.997531	4.915365
#3	24.80457	5.113138	5.010774	4.992870	5.002324	4.967505	4.915271

Sample Name: CCV01 Acquired: 09/12/2023 13:06:49 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	4.984913	5.049076	4.971181
Stddev	.037151	.043448	.097008
%RSD	.7452737	.8605201	1.951417

#1	4.942032	5.003152	4.878277
#2	5.005259	5.089531	4.963436
#3	5.007446	5.054545	5.071830

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1122.315	1468.080	42309.57	6014.003	1611.908
Stddev	9.643	2.324	122.13	17.101	2.956
%RSD	.8591896	.1583190	.2886537	.2843460	.1833706

#1	1116.723	1465.599	42173.93	6015.742	1609.754
#2	1116.773	1468.435	42343.99	5996.099	1615.278
#3	1133.450	1470.207	42410.80	6030.168	1610.693

Sample Name: CCB01 Acquired: 09/12/2023 13:10:47 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	-.002332	.0005859	.0011637	.0008202	.0007607	-.002835	.0000250
Stddev	.002938	.0040308	.0021212	.0024481	.0010101	.002995	.0003595
%RSD	125.9631	687.9992	182.2882	298.4763	132.7789	105.6560	1436.290

#1	.000776	.0022491	-.000910	.0028799	-.000334	-.004269	.0003661
#2	-.005064	-.004010	.003329	-.001886	.001656	-.004842	.0000594
#3	-.002709	.003519	.001072	.001467	.000960	.000608	-.000350

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000788	.0002387	.0004608	.0006146	.0004535	-.004503	.0010623
Stddev	.0000725	.0000508	.0136468	.0004911	.0005198	.004045	.0064585
%RSD	92.10519	21.29908	2961.523	79.90918	114.6190	89.81443	607.9780

#1	.0000061	.0001931	.0109492	.0011633	.0009008	-.000666	-.002063
#2	.0000789	.0002935	.0054014	.0002164	.0005765	-.008728	-.003239
#3	.0001512	.0002294	-.014968	.0004640	-.000117	-.004116	.008489

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004803	-.022595	.0002944	.0008182	.2026540	.0022483	-.000264
Stddev	.0003350	.030617	.0005811	.0001732	.0716559	.0028764	.000481
%RSD	69.75873	135.5030	197.3853	21.16434	35.35875	127.9386	182.0797

#1	.0001577	-.031178	.0001078	.0009798	.1243972	.0055674	.000290
#2	.0008265	.011397	.0009459	.0006354	.2185128	.0004814	-.000517
#3	.0004567	-.048005	-.000170	.0008394	.2650521	.0006961	-.000565

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.124399	-.004356	.0084742	.0016646	-.005535	.0027670	.0012114
Stddev	.065759	.001987	.0007749	.0009384	.003971	.0008405	.0011030
%RSD	52.86136	45.61635	9.143663	56.37076	71.73900	30.37577	91.05644

#1	-.164478	-.004299	.0089492	.0027191	-.002150	.0034560	-.000017
#2	-.160213	-.002398	.0088934	.0013531	-.004548	.0018306	.002117
#3	-.048507	-.006371	.0075801	.0009216	-.009906	.0030145	.001534

Sample Name: CCB01 Acquired: 09/12/2023 13:10:47 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0007871	-.004343	.0002335
Stddev	.0009791	.000920	.0000332
%RSD	124.3852	21.19580	14.23399

#1	.0006436	-.003475	.0002576
#2	.0018300	-.005308	.0001956
#3	-.000112	-.004245	.0002473

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1147.345	1498.300	42929.69	6144.823	1698.617
Stddev	7.603	1.787	183.48	195.141	.617
%RSD	.6626728	.1192793	.4273935	3.175696	.0363024

#1	1153.963	1500.360	42985.55	6370.150	1697.917
#2	1139.040	1497.380	42724.78	6031.210	1699.080
#3	1149.032	1497.160	43078.76	6033.110	1698.853

Sample Name: PB154328BL Acquired: 09/12/2023 13:14:54 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	-.007966	-.000617	.0014653	.0017938	.0022392	.0086684	.0001252
Stddev	.004308	.002398	.0029634	.0053795	.0033379	.0098080	.0004126
%RSD	54.07628	388.7415	202.2405	299.8868	149.0683	113.1460	329.4806

#1	-.006382	-.001503	.0020306	-.002219	.0021515	.0027007	-.000014
#2	-.012841	.002098	-.001740	-.000306	.0056200	.0199881	.000590
#3	-.004675	-.002446	.004105	.007907	-.001054	.0033165	-.000199

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000008	.0000523	-.001820	-.000189	.0002054	-.001536	.0151014
Stddev	.000029	.0001131	.009993	.000410	.0001102	.000698	.0039497
%RSD	390.0678	216.3831	548.9673	216.6748	53.62724	45.43605	26.15438

#1	.000009	-.000024	-.009961	-.000583	.0002056	-.001714	.0108844
#2	-.000041	-.000001	-.004831	.000236	.0003155	-.002128	.0187141
#3	.000009	.000182	.009332	-.000220	.0000952	-.000767	.0157058

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002982	-.014622	-.000225	.0005250	.1241080	-.001202	-.000228
Stddev	.0001622	.015680	.000420	.0000873	.2584455	.004647	.000203
%RSD	54.41608	107.2379	187.2371	16.61814	208.2424	386.7185	88.80762

#1	.0001715	-.032715	.000257	.0005220	.3757582	-.002294	-.000282
#2	.0004810	-.006168	-.000416	.0004393	.1372009	.003894	-.000399
#3	.0002420	-.004983	-.000515	.0006138	-.140635	-.005205	-.000004

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.030127	-.000598	.0035884	.0006197	-.001755	.0003356	.0004996
Stddev	.027149	.001623	.0013982	.0003661	.006301	.0009919	.0006639
%RSD	90.11711	271.2935	38.96408	59.06838	358.9793	295.5670	132.8773

#1	-.003774	.001067	.0050265	.0003733	-.001516	.0014329	.0012266
#2	-.058008	-.000686	.0035050	.0004455	-.008172	-.000497	.0003465
#3	-.028598	-.002175	.0022338	.0010403	.004423	.000071	-.000074

Sample Name: PB154328BL Acquired: 09/12/2023 13:14:54 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013585	-.000098	.0000889
Stddev	.0003698	.001224	.0000585
%RSD	27.21801	1242.850	65.86242

#1	.0011970	-.001511	.0001408
#2	.0010971	.000622	.0000254
#3	.0017816	.000594	.0001004

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1136.229	1500.662	42894.92	6049.513	1694.801
Stddev	10.273	4.313	159.10	74.725	3.656
%RSD	.9041326	.2874010	.3709127	1.235221	.2157200

#1	1135.267	1496.914	42958.89	5963.870	1690.725
#2	1126.472	1499.697	42713.79	6083.240	1695.887
#3	1146.950	1505.376	43012.08	6101.430	1697.790

Sample Name: PB154328BS Acquired: 09/12/2023 13:18:59 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.7676140	1.877638	.9459029	1.969228	.7738401	1.936309
Stddev	.0122571	.021736	.0150243	.030037	.0099498	.026947
%RSD	1.596780	1.157634	1.588358	1.525329	1.285776	1.391648

#1	.7816859	1.902372	.9627036	2.003877	.7853284	1.909038
#2	.7618906	1.868961	.9337566	1.950561	.7682139	1.936972
#3	.7592654	1.861580	.9412485	1.953245	.7679780	1.962918

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1995751	.1948685	.1915994	.9884867	.3898372	.1877516
Stddev	.0010391	.0007232	.0033821	.0137148	.0022297	.0026617
%RSD	.5206691	.3711165	1.765203	1.387452	.5719553	1.417663

#1	.1983763	.1949447	.1954996	.9773058	.3886152	.1907931
#2	.2002186	.1955506	.1894771	1.003790	.3884856	.1858478
#3	.2001304	.1941103	.1898213	.984364	.3924107	.1866140

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2989970	2.991787	.1977756	1.876771	.4738667	.0723994
Stddev	.0039394	.038863	.0017336	.061639	.0076442	.0001717
%RSD	1.317540	1.298999	.8765500	3.284298	1.613153	.2370901

#1	.2945415	2.947569	.1958025	1.812613	.4826620	.0722015
#2	.3004310	3.020522	.1984697	1.935536	.4688247	.0725085
#3	.3020185	3.007270	.1990546	1.882165	.4701134	.0724880

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.112958	.2928899	.1985530	9.562371	5.618917	.2979620
Stddev	.249861	.0059814	.0024720	.195979	.074871	.0031252
%RSD	8.026480	2.042203	1.244991	2.049483	1.332477	1.048860

#1	2.968405	.2971052	.1966066	9.362681	5.705091	.3012055
#2	2.968997	.2860441	.1977182	9.570016	5.581844	.2949704
#3	3.401473	.2955206	.2013343	9.754415	5.569815	.2977100

Sample Name: PB154328BS Acquired: 09/12/2023 13:18:59 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.3841721	F -.011014	.8736905	.6539515	.1932952	.1969800
Stddev	.0061531	.002183	.0023981	.0110414	.0018960	.0014109
%RSD	1.601661	19.82184	.2744779	1.688412	.9808665	.7162443

#1	.3912319	-.009889	.8758965	.6662612	.1920292	.1960058
#2	.3813348	-.013531	.8740371	.6449215	.1954750	.1963364
#3	.3799495	-.009624	.8711380	.6506720	.1923813	.1985980

Elem	Sr4077
Units	ppm
Avg	.1933587
Stddev	.0018747
%RSD	.9695485

#1	.1913956
#2	.1935503
#3	.1951303

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1129.651	1489.982	42718.80	6060.866	1688.159
Stddev	12.760	21.889	306.50	22.791	25.338
%RSD	1.129518	1.469047	.7174750	.3760330	1.500927

#1	1141.145	1464.711	42975.21	6050.639	1658.902
#2	1131.885	1502.990	42801.85	6044.980	1702.956
#3	1115.921	1502.246	42379.34	6086.979	1702.620

Sample Name: O3572-10 Acquired: 09/12/2023 13:22:57 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0167525	.0292592	.0094077	.0113011	.0414561	.0806006	.0778660
Stddev	.0010735	.0007581	.0007927	.0021616	.0012672	.0034941	.0011226
%RSD	6.407890	2.591126	8.425747	19.12743	3.056618	4.335129	1.441698

#1	.0161965	.0284836	.0086086	.0098090	.0429173	.0809296	.0770086
#2	.0179900	.0292954	.0101937	.0103144	.0406602	.0839186	.0791366
#3	.0160711	.0299986	.0094207	.0137801	.0407906	.0769536	.0774526

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046452	.0047045	1.558749	.0074011	.0220881	.0146914	.0857681
Stddev	.0001147	.0000740	.003642	.0001948	.0007210	.0009690	.0054979
%RSD	2.469952	1.573636	.2336552	2.632415	3.264218	6.595686	6.410182

#1	.0045623	.0047199	1.560318	.0074670	.0215767	.0135755	.0887512
#2	.0047761	.0046240	1.554585	.0075544	.0217748	.0151776	.0891296
#3	.0045971	.0047697	1.561342	.0071819	.0229127	.0153210	.0794234

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154610	1.620684	.0295197	.0081671	1.743139	.0304843	.0324722
Stddev	.0005092	.014878	.0002664	.0002731	.246767	.0022684	.0007308
%RSD	3.293560	.9180372	.9023880	3.343589	14.15646	7.441140	2.250583

#1	.0158112	1.637380	.0293810	.0079258	1.633794	.0294794	.0318517
#2	.0148769	1.608829	.0293512	.0084635	2.025685	.0288919	.0332778
#3	.0156950	1.615842	.0298268	.0081120	1.569937	.0330815	.0322873

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.458411	.0126865	.0790978	.1625720	.0115966	.3012974	.0295095
Stddev	.078506	.0038288	.0017559	.0013017	.0027093	.0029338	.0004252
%RSD	5.382987	30.18030	2.219927	.8006694	23.36290	.9737356	1.441025

#1	1.370115	.0097103	.0784274	.1633086	.0099635	.3023863	.0290250
#2	1.484781	.0170059	.0810902	.1610691	.0147240	.3035312	.0298209
#3	1.520337	.0113432	.0777759	.1633384	.0101022	.2979748	.0296827

Sample Name: O3572-10 Acquired: 09/12/2023 13:22:57 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0299935	.0156066	.0159390
Stddev	.0007654	.0006206	.0001332
%RSD	2.551865	3.976716	.8358704

#1	.0291563	.0160819	.0157884
#2	.0301669	.0149044	.0159872
#3	.0306574	.0158333	.0160415

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1129.425	1503.660	42819.67	6044.500	1703.345
Stddev	16.917	3.094	526.63	55.091	7.927
%RSD	1.497805	.2057544	1.229886	.9114233	.4653787

#1	1141.326	1505.143	42989.00	6014.500	1708.099
#2	1136.889	1505.733	43240.81	6010.920	1707.742
#3	1110.060	1500.103	42229.20	6108.080	1694.194

Sample Name: O3572-12 Acquired: 09/12/2023 13:27:00 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0031590	.0090730	.0032251	.0066781	.0135561	.0356480	.0265056
Stddev	.0074052	.0004133	.0013145	.0050291	.0007352	.0071074	.0002621
%RSD	234.4147	4.555569	40.75784	75.30774	5.423479	19.93783	.9887656

#1	-.003993	.0086657	.0017202	.0033109	.0143815	.0317616	.0267768
#2	.002677	.0094921	.0041486	.0042643	.0129715	.0313312	.0264863
#3	.010793	.0090613	.0038064	.0124591	.0133152	.0438512	.0262537

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015708	.0016054	.5453780	.0024322	.0076279	.0056811	.0442495
Stddev	.0000403	.0000664	.0036688	.0000670	.0002910	.0010597	.0039869
%RSD	2.565588	4.133349	.6727142	2.753004	3.814591	18.65367	9.010011

#1	.0015474	.0016011	.5493545	.0024881	.0076881	.0054663	.0475003
#2	.0015476	.0015413	.5421244	.0023580	.0073116	.0047453	.0398011
#3	.0016173	.0016738	.5446552	.0024504	.0078841	.0068318	.0454473

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062812	.5414404	.0103978	.0031171	.5190489	.0116635	.0108340
Stddev	.0004496	.0132852	.0003703	.0000469	.1315649	.0019042	.0009059
%RSD	7.157938	2.453683	3.561456	1.504840	25.34731	16.32661	8.361931

#1	.0060669	.5555250	.0105253	.0031640	.6708931	.0105919	.0117739
#2	.0067979	.5291335	.0106875	.0030702	.4390243	.0138621	.0107618
#3	.0059789	.5396628	.0099806	.0031171	.4472294	.0105365	.0099664

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5345652	-.000304	.0279664	.0543070	.0078856	.1018466	.0113954
Stddev	.0828498	.005371	.0012922	.0003189	.0026175	.0004305	.0007322
%RSD	15.49854	1767.571	4.620630	.5873174	33.19349	.4227315	6.425559

#1	.4492212	-.000543	.0286075	.0546220	.0050249	.1013587	.0115993
#2	.6146723	-.005551	.0264790	.0543146	.0101606	.1020077	.0105829
#3	.5398021	.005183	.0288128	.0539843	.0084712	.1021733	.0120041

Sample Name: O3572-12 Acquired: 09/12/2023 13:27:00 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0109773	.0052210	.0055508
Stddev	.0010863	.0010026	.0000979
%RSD	9.896242	19.20373	1.764613

#1	.0116225	.0051054	.0054966
#2	.0097231	.0042812	.0054919
#3	.0115864	.0062764	.0056639

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1120.204	1499.982	42058.60	5961.337	1697.326
Stddev	35.687	1.635	1366.23	34.256	.682
%RSD	3.185754	.1090065	3.248400	.5746441	.0401751

#1	1079.269	1501.853	40491.61	5921.840	1696.790
#2	1144.770	1499.267	43000.18	5979.210	1697.094
#3	1136.573	1498.827	42684.02	5982.960	1698.094

Sample Name: PB154329BL Acquired: 09/12/2023 13:31:04 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	-.000894	.0000724	.0001009	-.004368	.0003700	.0001729	-.000187
Stddev	.002528	.0022800	.0010660	.007925	.0004790	.0067792	.000347
%RSD	282.8823	3150.956	1056.072	181.4084	129.4609	3920.419	185.9599

#1	.001526	.0026806	.0005407	-.013212	.0002130	-.004471	-.000132
#2	-.003517	-.001542	-.001115	.002090	.0009077	-.002963	-.000558
#3	-.000690	-.000922	.000877	-.001984	-.000011	.007952	.000130

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000707	.0001314	-.000898	.0002633	.0003597	-.001596	.0086084
Stddev	.0000940	.0000415	.011616	.0000871	.0002831	.000829	.0024596
%RSD	132.9781	31.56436	1293.296	33.06399	78.70314	51.94562	28.57200

#1	.0001468	.0001575	-.011636	.0002827	.0000453	-.000866	.0102754
#2	-.000034	.0001532	.011432	.0001682	.0004392	-.002497	.0097662
#3	.000100	.0000836	-.002490	.0003391	.0005945	-.001424	.0057836

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000234	.0022976	.0003380	.0009713	.1260424	.0022822	-.000369
Stddev	.000850	.0106498	.0001513	.0002278	.1256411	.0028772	.000365
%RSD	363.9181	463.5226	44.76115	23.45547	99.68157	126.0736	98.79480

#1	-.000904	-.008983	.0003125	.0011198	.1230280	.0030039	.000034
#2	.000723	.003699	.0002011	.0010852	.0019357	.0047298	-.000676
#3	-.000519	.012177	.0005004	.0007090	.2531636	-.000887	-.000465

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.102480	-.001222	.0012356	.0000817	.0018678	-.000428	.0006372
Stddev	.033817	.001206	.0002489	.0005639	.0018013	.001012	.0010523
%RSD	32.99849	98.67849	20.14492	689.9143	96.44037	236.3558	165.1508

#1	-.063673	-.001572	.0013499	.0002370	.0029110	-.000579	.0010898
#2	-.125638	.000120	.0014069	.0005518	.0029044	-.001356	-.000566
#3	-.118129	-.002213	.0009501	-.000544	-.000212	.000651	.001388

Sample Name: PB154329BL Acquired: 09/12/2023 13:31:04 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003308	-.000107	.0001274
Stddev	.0001660	.001377	.0000742
%RSD	50.16552	1285.794	58.21706

#1	.0003898	-.000433	.0000954
#2	.0004593	-.001292	.0002122
#3	.0001435	.001404	.0000746

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1135.319	1499.622	42706.51	6022.760	1692.635
Stddev	3.552	6.442	128.75	9.465	3.763
%RSD	.3128933	.4295978	.3014856	.1571539	.2223061

#1	1136.973	1502.006	42621.15	6032.220	1692.638
#2	1131.241	1504.533	42643.77	6022.770	1696.397
#3	1137.742	1492.328	42854.61	6013.290	1688.872

Sample Name: PB154329BS Acquired: 09/12/2023 13:35:09 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.7482366	1.802174	.9084836	1.868899	.7403433	1.884608	.1964496
Stddev	.0193381	.007404	.0076925	.009983	.0038692	.020831	.0013506
%RSD	2.584489	.4108096	.8467405	.5341494	.5226277	1.105318	.6874906

#1	.7579110	1.799808	.9164104	1.863181	.7390542	1.868437	.1949087
#2	.7608284	1.810471	.9079912	1.880426	.7446925	1.877274	.1970120
#3	.7259705	1.796242	.9010491	1.863091	.7372831	1.908114	.1974282

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1923550	.1837763	.9690281	.3764264	.1804548	.2909867	2.923724
Stddev	.0011028	.0008056	.0127962	.0004924	.0009070	.0012587	.029699
%RSD	.5733376	.4383428	1.320517	.1308126	.5026324	.4325713	1.015800

#1	.1936157	.1845804	.9723120	.3759929	.1813440	.2924043	2.916502
#2	.1915687	.1837793	.9798623	.3763245	.1804895	.2900000	2.898301
#3	.1918807	.1829693	.9549100	.3769617	.1795309	.2905558	2.956368

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1940898	1.850581	.4542175	.0699385	2.917115	.2848881	.1947832
Stddev	.0015864	.034143	.0022106	.0005000	.081838	.0024807	.0031031
%RSD	.8173313	1.844994	.4866742	.7149263	2.805441	.8707781	1.593109

#1	.1922732	1.835921	.4545044	.0699961	2.846692	.2820310	.1912390
#2	.1947939	1.826215	.4562706	.0704072	2.897755	.2861372	.1960990
#3	.1952021	1.889605	.4518775	.0694122	3.006897	.2864959	.1970117

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.378564	5.412679	.2921698	.3687915	9.191391	.8664365	.6288107
Stddev	.070516	.023416	.0027794	.0015714	.051694	.0060113	.0012342
%RSD	.7518896	.4326140	.9513085	.4260804	.5624130	.6937932	.1962774

#1	9.298124	5.425722	.2950419	.3692831	9.235976	.8732126	.6301426
#2	9.407847	5.426670	.2919742	.3700583	9.203471	.8643520	.6277056
#3	9.429721	5.385647	.2894933	.3670331	9.134728	.8617449	.6285841

Sample Name: PB154329BS Acquired: 09/12/2023 13:35:09 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1924703	.1965437	.1897972
Stddev	.0019884	.0013243	.0017891
%RSD	1.033103	.6738088	.9426189

#1	.1901790	.1950620	.1877387
#2	.1937443	.1969570	.1906763
#3	.1934875	.1976121	.1909767

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1139.805	1507.552	42960.75	5973.904	1707.653
Stddev	7.958	11.356	166.71	37.541	11.547
%RSD	.6981745	.7532685	.3880430	.6284132	.6762015

#1	1148.933	1499.800	42955.01	5934.399	1698.940
#2	1134.328	1502.270	42796.99	5978.203	1703.270
#3	1136.154	1520.587	43130.25	6009.111	1720.751

Sample Name: O3572-09 Acquired: 09/12/2023 13:39:08 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0076710	.0099483	.0035596	.0026540	.0133134	.0266229	.0248723
Stddev	.0026252	.0011832	.0023847	.0045991	.0033528	.0055033	.0003779
%RSD	34.22219	11.89309	66.99315	173.2874	25.18371	20.67128	1.519466

#1	.0103328	.0110240	.0008563	.0075891	.0127821	.0202724	.0247780
#2	.0075962	.0101400	.0053650	.0018852	.0169001	.0299986	.0245504
#3	.0050840	.0086810	.0044574	-.001512	.0102580	.0295975	.0252884

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015183	.0015596	.4996955	.0020976	.0069415	.0067572	.0347075
Stddev	.0000571	.0000891	.0036821	.0001638	.0001567	.0016893	.0058988
%RSD	3.758246	5.711902	.7368783	7.808064	2.257168	25.00049	16.99560

#1	.0015727	.0014620	.5036858	.0022666	.0069079	.0077967	.0292703
#2	.0015231	.0016365	.4989720	.0019396	.0068043	.0076670	.0409789
#3	.0014589	.0015803	.4964289	.0020868	.0071123	.0048080	.0338734

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042745	.5057291	.0100327	.0026446	.2509246	.0089258	.0099820
Stddev	.0003222	.0330022	.0001257	.0006214	.2434409	.0009778	.0005029
%RSD	7.538457	6.525669	1.252720	23.49526	97.01757	10.95508	5.037603

#1	.0040458	.4821016	.0100519	.0020451	.0639973	.0082445	.0104243
#2	.0046431	.4916497	.0098986	.0026029	.5262044	.0084866	.0094351
#3	.0041348	.5434359	.0101477	.0032858	.1625720	.0100462	.0100865

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5078359	.0048179	.0249069	.0508434	-.006716	.0938822	.0099112
Stddev	.0349564	.0059774	.0021715	.0002072	.004219	.0012547	.0007951
%RSD	6.883401	124.0666	8.718332	.4075467	62.81754	1.336426	8.022191

#1	.4718392	.0115288	.0234822	.0510341	-.008060	.0953067	.0100748
#2	.5100189	.0000654	.0238323	.0508731	-.010100	.0933988	.0106118
#3	.5416496	.0028595	.0274061	.0506229	-.001989	.0929412	.0090471

Sample Name: O3572-09 Acquired: 09/12/2023 13:39:08 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0101764	.0053471	.0050950
Stddev	.0004529	.0005469	.0000783
%RSD	4.450153	10.22725	1.537457

#1	.0100636	.0049787	.0050071
#2	.0097906	.0059755	.0051206
#3	.0106750	.0050871	.0051574

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1137.238	1501.759	42831.20	5974.307	1696.318
Stddev	2.662	5.401	168.14	27.683	1.176
%RSD	.2341027	.3596398	.3925733	.4633628	.0693548

#1	1139.888	1496.557	42980.02	5946.070	1696.157
#2	1134.564	1501.380	42864.80	6001.400	1695.231
#3	1137.260	1507.339	42648.80	5975.450	1697.567

Sample Name: O3572-07 Acquired: 09/12/2023 13:43:13 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0065175	.0302092	.0083594	.0172072	.0392575	.0740772	.0783254
Stddev	.0076598	.0017399	.0023864	.0031781	.0026324	.0080573	.0011975
%RSD	117.5267	5.759545	28.54788	18.46973	6.705429	10.87696	1.528903

#1	.0113607	.0284377	.0110415	.0136017	.0393675	.0730964	.0769431
#2	-.002313	.0319157	.0064705	.0184179	.0418332	.0825800	.0789820
#3	.010505	.0302742	.0075664	.0196021	.0365719	.0665551	.0790509

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046651	.0047371	1.555588	.0071101	.0219582	.0164291	.0819600
Stddev	.0000619	.0000894	.013694	.0002025	.0002004	.0027605	.0019711
%RSD	1.326113	1.886140	.8802985	2.847658	.9126754	16.80253	2.404942

#1	.0046397	.0047463	1.539880	.0068976	.0218947	.0172942	.0807574
#2	.0046199	.0048214	1.561872	.0071318	.0217971	.0186535	.0808878
#3	.0047356	.0046435	1.565013	.0073008	.0221826	.0133397	.0842347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159655	1.598186	.0293517	.0080693	1.452050	.0283174	.0343477
Stddev	.0008066	.032974	.0002479	.0002757	.125444	.0027262	.0009652
%RSD	5.051910	2.063213	.8446448	3.417140	8.639127	9.627432	2.810041

#1	.0156058	1.560120	.0295878	.0082402	1.309760	.0255917	.0344277
#2	.0154015	1.616529	.0293737	.0077512	1.499712	.0283163	.0333449
#3	.0168894	1.617910	.0290935	.0082165	1.546678	.0310442	.0352703

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.506952	.0093044	.0762299	.1601113	.0054399	.2977588	.0277514
Stddev	.050667	.0038866	.0008232	.0006373	.0035784	.0022070	.0017133
%RSD	3.362215	41.77179	1.079834	.3980691	65.78085	.7411886	6.173720

#1	1.465349	.0103979	.0771784	.1603454	.0053043	.2953070	.0287613
#2	1.492130	.0125271	.0758082	.1593901	.0019312	.2995864	.0287198
#3	1.563377	.0049882	.0757030	.1605986	.0090842	.2983831	.0257732

Sample Name: O3572-07 Acquired: 09/12/2023 13:43:13 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0294285	.0150460	.0158889
Stddev	.0004237	.0008847	.0001817
%RSD	1.439886	5.879813	1.143261

#1	.0298170	.0158154	.0157404
#2	.0289766	.0140793	.0158349
#3	.0294919	.0152432	.0160915

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1138.973	1503.941	42843.10	5991.617	1696.497
Stddev	14.280	2.875	268.14	5.714	1.583
%RSD	1.253724	.1911963	.6258685	.0953640	.0932836

#1	1124.856	1505.063	42559.77	5994.810	1696.237
#2	1153.409	1506.086	43092.90	5985.020	1698.194
#3	1138.653	1500.673	42876.64	5995.020	1695.061

Sample Name: PB154335BL Acquired: 09/12/2023 13:47:18 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	-.003132	-.000898	.0003358	-.000509	-.001472	.0135275	.0000382
Stddev	.007196	.003500	.0029484	.002146	.001545	.0052355	.0002976
%RSD	229.7663	389.7742	877.9738	421.8474	104.9446	38.70299	779.2120

#1	.005102	-.003571	.0007863	-.002381	-.003099	.0180246	-.000046
#2	-.006280	.003064	-.002812	.001833	-.001293	.0147778	-.000209
#3	-.008217	-.002187	.003033	-.000978	-.000025	.0077799	.000369

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000026	.0001460	.0113688	.0001015	.0002882	-.001488	.0092923
Stddev	.0000081	.0001696	.0086247	.0004703	.0003865	.003671	.0056564
%RSD	311.5016	116.2059	75.86329	463.4295	134.1067	246.7384	60.87183

#1	-.000006	.0002157	.0034217	.0005939	.0001219	.001931	.0157605
#2	.000010	.0002696	.0205403	-.000343	.0007301	-.005367	.0068436
#3	.000003	-.000047	.0101444	.000054	.0000127	-.001027	.0052728

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	.0049332	-.000109	.0007329	.0122164	.0018190	-.000533
Stddev	.000176	.0304192	.000837	.0001757	.1185576	.0022428	.000318
%RSD	655.5235	616.6222	767.4770	23.97206	970.4814	123.2966	59.69786

#1	-.000114	-.025637	-.000606	.0006766	.1357196	.0000062	-.000748
#2	.000176	.005237	-.000578	.0009298	-.100683	.0043271	-.000168
#3	-.000143	.035199	.000857	.0005922	.001613	.0011238	-.000684

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006456	-.001334	-.000119	.0003945	-.005333	-.000842	.0013563
Stddev	.064193	.004298	.000498	.0005348	.005836	.001455	.0004613
%RSD	994.2554	322.1511	419.7510	135.5704	109.4301	172.8372	34.00783

#1	-.050964	-.004360	.000431	.0007046	-.003651	-.002479	.0014813
#2	-.035536	-.003229	-.000540	.0007019	-.011826	-.000353	.0017422
#3	.067131	.003586	-.000248	-.000223	-.000523	.000306	.0008454

Sample Name: PB154335BL Acquired: 09/12/2023 13:47:18 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004226	-.000686	.0000677
Stddev	.0003529	.001086	.0000444
%RSD	83.50413	158.4786	65.54139

#1	.0008285	.000058	.0000277
#2	.0001884	-.000182	.0000600
#3	.0002509	-.001932	.0001154

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1128.967	1499.160	42397.94	5986.760	1688.363
Stddev	9.452	.914	462.60	39.149	2.363
%RSD	.8372036	.0609380	1.091080	.6539333	.1399663

#1	1131.102	1499.090	42536.30	5943.350	1688.635
#2	1137.168	1500.107	42775.56	6019.390	1690.578
#3	1118.630	1498.284	41881.95	5997.540	1685.875

Sample Name: PB154335BS Acquired: 09/12/2023 13:51:23 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.7385165	1.814971	.9100748	1.847208	.7450540	1.867421	.1933716
Stddev	.0028957	.012739	.0061599	.017602	.0039333	.016242	.0014642
%RSD	.3920975	.7018861	.6768595	.9528921	.5279243	.8697669	.7571871

#1	.7418570	1.800669	.9032987	1.838234	.7481438	1.849659	.1919417
#2	.7367194	1.819146	.9153358	1.867488	.7463918	1.871086	.1933053
#3	.7369732	1.825099	.9115899	1.835902	.7406262	1.881517	.1948679

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1893954	.1843102	.9625868	.3751180	.1802852	.2919539	2.910438
Stddev	.0007119	.0002576	.0125071	.0006619	.0005397	.0054232	.030522
%RSD	.3758650	.1397460	1.299318	.1764543	.2993351	1.857564	1.048707

#1	.1897687	.1840383	.9502802	.3744740	.1799119	.2858324	2.875960
#2	.1885746	.1843417	.9621951	.3757965	.1809040	.2938719	2.921348
#3	.1898431	.1845506	.9752851	.3750836	.1800397	.2961576	2.934006

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1920535	1.824231	.4561661	.0700274	2.879296	.2839354	.1934900
Stddev	.0035939	.025507	.0026087	.0000961	.133631	.0019795	.0005947
%RSD	1.871316	1.398261	.5718811	.1371681	4.641108	.6971516	.3073721

#1	.1879921	1.795252	.4557763	.0700786	2.725532	.2840396	.1931472
#2	.1933458	1.834158	.4537742	.0700870	2.967348	.2858608	.1931461
#3	.1948225	1.843282	.4589478	.0699166	2.945008	.2819060	.1941768

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.241733	5.445093	.2858072	.3672989	9.184530	.8511151	.6341804
Stddev	.086391	.018682	.0018802	.0015416	.061250	.0074072	.0033966
%RSD	.9347924	.3430964	.6578692	.4196988	.6668777	.8702908	.5355833

#1	9.144217	5.425227	.2854276	.3656924	9.113815	.8479261	.6302676
#2	9.308693	5.462308	.2841457	.3687661	9.218872	.8458365	.6363693
#3	9.272290	5.447744	.2878483	.3674380	9.220903	.8595826	.6359043

Sample Name: PB154335BS Acquired: 09/12/2023 13:51:23 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1893024	.1928064	.1887951
Stddev	.0037009	.0015712	.0020548
%RSD	1.955014	.8149336	1.088373

#1	.1850746	.1928031	.1864707
#2	.1908773	.1912369	.1903698
#3	.1919555	.1943793	.1895448

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1148.061	1508.822	42946.12	6045.370	1705.336
Stddev	4.307	3.082	185.87	22.277	2.847
%RSD	.3751716	.2042887	.4327950	.3684924	.1669745

#1	1152.823	1506.756	42812.33	6019.819	1708.552
#2	1144.437	1507.346	42867.69	6060.712	1703.136
#3	1146.923	1512.365	43158.35	6055.580	1704.319

Sample Name: CCV02 Acquired: 09/12/2023 13:55:23 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.086869	5.029220	4.960489	4.956022	4.972780	10.09376	10.50370
Stddev	.015755	.002750	.004094	.023115	.014799	.07589	.04969
%RSD	.3097166	.0546826	.0825271	.4664006	.2975974	.7518804	.4730335

#1	5.076375	5.029521	4.958448	4.982706	4.955693	10.00805	10.44966
#2	5.079245	5.026332	4.957818	4.943213	4.981555	10.15244	10.54741
#3	5.104985	5.031807	4.965203	4.942147	4.981090	10.12079	10.51403

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2529372	2.462494	25.52101	.9883994	2.463865	1.282061	5.054694
Stddev	.0003972	.000198	.18003	.0010186	.004927	.006984	.028404
%RSD	.1570182	.0080232	.7054140	.1030564	.1999639	.5447599	.5619350

#1	.2528145	2.462267	25.31475	.9876031	2.463532	1.274996	5.021950
#2	.2526159	2.462626	25.64657	.9880479	2.459114	1.288961	5.072697
#3	.2533813	2.462590	25.60170	.9895472	2.468951	1.282226	5.069434

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.567646	25.09432	2.466615	1.265127	25.08926	2.533838	2.511236
Stddev	.018298	.25355	.003017	.004802	.08870	.021889	.007420
%RSD	.7126248	1.010370	.1223029	.3796004	.3535524	.8638805	.2954634

#1	2.547556	24.80702	2.466737	1.259894	24.99568	2.509512	2.507247
#2	2.583357	25.18920	2.463539	1.269333	25.09998	2.551945	2.519797
#3	2.572026	25.28674	2.469569	1.266155	25.17211	2.540056	2.506664

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.23272	5.114378	5.068063	4.963892	5.011474	5.015013	4.866171
Stddev	.17007	.040472	.017546	.006538	.012211	.023267	.006293
%RSD	.6739982	.7913456	.3461976	.1317078	.2436631	.4639547	.1293130

#1	25.03645	5.076373	5.070504	4.962703	5.020663	5.010874	4.865944
#2	25.32529	5.109827	5.049425	4.958031	4.997618	4.994093	4.859995
#3	25.33643	5.156933	5.084261	4.970943	5.016143	5.040072	4.872574

Sample Name: CCV02 Acquired: 09/12/2023 13:55:23 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.076710	5.182692	5.074307
Stddev	.024642	.024215	.117364
%RSD	.4853940	.4672341	2.312916

#1	5.050210	5.155975	4.940140
#2	5.098934	5.203195	5.157940
#3	5.080985	5.188907	5.124841

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1109.509	1469.801	41888.25	5925.514	1605.648
Stddev	3.275	2.155	126.26	10.895	2.043
%RSD	.2951903	.1465879	.3014108	.1838695	.1272120

#1	1111.787	1468.296	41911.22	5913.019	1603.553
#2	1105.755	1472.269	41752.09	5933.027	1607.634
#3	1110.984	1468.838	42001.45	5930.498	1605.758

Sample Name: CCB02 Acquired: 09/12/2023 13:59:21 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022950	-.002492	.0010033	.0048713	.0029400	.0083511	.0003035
Stddev	.0015635	.000812	.0015888	.0033013	.0012246	.0083491	.0002704
%RSD	68.12796	32.59466	158.3640	67.77001	41.65320	99.97572	89.11720

#1	.0033884	-.001606	-.000409	.0083544	.0018456	.0045172	.0005658
#2	.0029926	-.002667	.002724	.0044714	.0027118	.0026076	.0000256
#3	.0005041	-.003202	.000695	.0017882	.0042627	.0179286	.0003189

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000855	.0001205	.0031980	.0006690	.0003308	.0009621	.0035661
Stddev	.0000452	.0000842	.0108995	.0000369	.0003338	.0006271	.0109895
%RSD	52.86970	69.92923	340.8214	5.523138	100.9261	65.17831	308.1644

#1	.0000648	.0001436	.0156646	.0006917	.0005320	.0007138	-.008496
#2	.0000544	.0000271	-.004531	.0006264	.0005149	.0004972	.006184
#3	.0001374	.0001907	-.001540	.0006889	-.000055	.0016753	.013010

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003209	.0137094	.0006278	.0004591	-.079263	.0009336	-.000484
Stddev	.0006426	.0269852	.0001631	.0002080	.032765	.0017291	.000184
%RSD	200.2663	196.8369	25.98836	45.31018	41.33781	185.1945	38.02915

#1	.0002857	-.007832	.0007938	.0002902	-.102011	-.000705	-.000562
#2	-.000303	.004982	.0004676	.0003955	-.094070	.002740	-.000274
#3	.000980	.043978	.0006218	.0006914	-.041707	.000766	-.000616

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003683	-.003135	.0095351	.0016326	-.001162	.0022314	.0004402
Stddev	.040807	.004353	.0008093	.0004308	.004081	.0005688	.0030664
%RSD	1107.837	138.8434	8.487713	26.38834	351.0244	25.49127	696.5347

#1	-.050741	.001485	.0094438	.0020489	.002186	.0025145	.0030423
#2	.021934	-.003730	.0103862	.0011886	.000034	.0015766	.0012189
#3	.017756	-.007161	.0087753	.0016604	-.005708	.0026031	-.002940

Sample Name: CCB02 Acquired: 09/12/2023 13:59:21 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB02 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004691	.0002005	.0001420
Stddev	.0007396	.0007334	.0000866
%RSD	157.6579	365.8427	60.97562

#1	-.000163	.0000932	.0001969
#2	.000288	-.000473	.0001870
#3	.001283	.000982	.0000422

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1126.586	1503.987	42662.63	5967.260	1692.242
Stddev	5.548	7.767	244.70	117.686	10.733
%RSD	.4924583	.5164293	.5735719	1.972192	.6342382

#1	1122.609	1512.935	42546.20	6102.280	1704.619
#2	1124.225	1500.043	42497.88	5913.060	1685.509
#3	1132.924	1498.984	42943.80	5886.440	1686.599

Sample Name: O3572-01 Acquired: 09/12/2023 14:30:46 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0155306	.0291889	.0102762	.0100044	.0387577	.0745641	.0735365
Stddev	.0089873	.0007678	.0025835	.0096755	.0016236	.0121356	.0022556
%RSD	57.86851	2.630603	25.14098	96.71202	4.189083	16.27538	3.067326

#1	.0055144	.0300661	.0072936	.0000523	.0370172	.0885413	.0728612
#2	.0181874	.0288621	.0118216	.0105838	.0402313	.0667089	.0716957
#3	.0228900	.0286385	.0117134	.0193772	.0390245	.0684421	.0760526

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043850	.0045508	1.476692	.0071746	.0207346	.0155983	.0793904
Stddev	.0001182	.0001244	.039911	.0000239	.0002298	.0010473	.0089186
%RSD	2.696222	2.734372	2.702759	.3338332	1.108193	6.714065	11.23385

#1	.0043596	.0044186	1.467357	.0071807	.0209573	.0164594	.0878768
#2	.0042815	.0045679	1.442276	.0071483	.0204983	.0144324	.0801997
#3	.0045139	.0046657	1.520444	.0071950	.0207482	.0159032	.0700948

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147043	1.471225	.0295898	.0085150	1.386546	.0281880	.0297220
Stddev	.0007422	.063151	.0005890	.0003908	.155016	.0013378	.0005898
%RSD	5.047470	4.292424	1.990616	4.589012	11.18001	4.746099	1.984237

#1	.0143633	1.476830	.0297902	.0084224	1.447667	.0294714	.0296729
#2	.0141938	1.405458	.0289268	.0081789	1.210287	.0268017	.0291583
#3	.0155557	1.531386	.0300525	.0089438	1.501685	.0282910	.0303348

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.357838	.0086200	.0726690	.1543225	.0049757	.2671005	.0286296
Stddev	.044497	.0054992	.0019748	.0002568	.0052987	.0076401	.0021718
%RSD	3.277022	63.79545	2.717569	.1663958	106.4897	2.860381	7.585932

#1	1.408431	.0069554	.0724512	.1546116	.0029316	.2676573	.0267708
#2	1.324782	.0147592	.0708120	.1541210	.0010036	.2591973	.0281010
#3	1.340302	.0041455	.0747436	.1542348	.0109920	.2744470	.0310169

Sample Name: O3572-01 Acquired: 09/12/2023 14:30:46 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0278451	.0131511	.0151189
Stddev	.0010453	.0010922	.0002899
%RSD	3.753843	8.304778	1.917268

#1	.0280366	.0119117	.0152142
#2	.0267173	.0139727	.0147934
#3	.0287814	.0135689	.0153492

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1119.678	1487.132	42385.30	6107.523	1680.602
Stddev	2.707	3.365	90.23	184.098	3.768
%RSD	.2417860	.2262605	.2128823	3.014278	.2241798

#1	1122.744	1484.732	42281.57	6077.360	1676.437
#2	1118.676	1485.685	42428.67	6304.840	1683.772
#3	1117.615	1490.978	42445.65	5940.370	1681.596

Sample Name: O3572-03 Acquired: 09/12/2023 14:34:51 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0044872	.0075340	.0040006	-.001576	.0119072	.0316202	.0250545
Stddev	.0056729	.0009772	.0003645	.004650	.0020292	.0045352	.0005218
%RSD	126.4229	12.97063	9.111244	295.1103	17.04177	14.34276	2.082548

#1	.0011330	.0064931	.0036012	.003366	.0101254	.0354393	.0245102
#2	.0110370	.0076772	.0043154	-.002229	.0141158	.0328136	.0255503
#3	.0012916	.0084317	.0040853	-.005864	.0114802	.0266076	.0251028

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015484	.0016878	.5131307	.0021574	.0069666	.0063936	.0282441
Stddev	.0001037	.0000177	.0175876	.0003383	.0003591	.0023357	.0084345
%RSD	6.697789	1.046097	3.427516	15.68200	5.154802	36.53220	29.86291

#1	.0015816	.0016756	.4938729	.0017785	.0069359	.0037623	.0220311
#2	.0014322	.0016798	.5283434	.0024292	.0073401	.0082217	.0378459
#3	.0016315	.0017081	.5171759	.0022645	.0066239	.0071968	.0248552

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052071	.4866071	.0095559	.0030630	.4499035	.0123797	.0100405
Stddev	.0001523	.0267224	.0002289	.0002491	.0859671	.0022159	.0003347
%RSD	2.925690	5.491570	2.394991	8.133689	19.10789	17.89951	3.333747

#1	.0053464	.5156187	.0093041	.0031437	.5484775	.0105495	.0096919
#2	.0050444	.4630003	.0096125	.0032617	.3904813	.0117463	.0103594
#3	.0052304	.4812022	.0097512	.0027835	.4107518	.0148434	.0100702

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4108586	.0013931	.0234233	.0515691	-.003069	.0918587	.0099954
Stddev	.0463390	.0004192	.0002623	.0003356	.004484	.0008314	.0011966
%RSD	11.27858	30.09207	1.119925	.6507028	146.0985	.9051435	11.97177

#1	.3798925	.0018707	.0236785	.0517082	-.003167	.0918026	.0113007
#2	.3885511	.0012228	.0231544	.0518128	.001463	.0927168	.0089503
#3	.4641323	.0010859	.0234369	.0511864	-.007504	.0910568	.0097350

Sample Name: O3572-03 Acquired: 09/12/2023 14:34:51 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0108537	.0044445	.0052360
Stddev	.0006247	.0003670	.0000473
%RSD	5.755976	8.257222	.9036426

#1	.0102901	.0048607	.0051889
#2	.0107455	.0043051	.0052357
#3	.0115254	.0041675	.0052835

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1127.582	1489.510	42496.65	5955.067	1685.055
Stddev	11.256	5.832	61.65	34.765	4.720
%RSD	.9982501	.3915704	.1450599	.5837920	.2801082

#1	1116.717	1482.899	42567.39	5989.900	1679.829
#2	1139.192	1491.704	42468.07	5920.370	1686.329
#3	1126.836	1493.928	42454.47	5954.930	1689.008

Sample Name: CCV03 Acquired: 09/12/2023 14:38:56 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	5.123173	5.063771	4.982064	5.012950	5.011366	10.14986	10.55465
Stddev	.009148	.011070	.004015	.021531	.016743	.08103	.05351
%RSD	.1785642	.2186193	.0805878	.4295132	.3341098	.7983571	.5069393

#1	5.131947	5.051450	4.986681	5.014877	5.026052	10.05899	10.49849
#2	5.113692	5.072880	4.979392	4.990521	4.993133	10.21461	10.60504
#3	5.123881	5.066984	4.980118	5.033454	5.014913	10.17599	10.56041

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2531800	2.472707	25.54877	.9921014	2.475330	1.284632	5.073472
Stddev	.0021567	.006381	.17909	.0050691	.005461	.008282	.049292
%RSD	.8518484	.2580685	.7009691	.5109422	.2206322	.6446652	.9715680

#1	.2550165	2.465347	25.35621	.9864117	2.469257	1.276968	5.021869
#2	.2537184	2.476078	25.71035	.9937567	2.476894	1.293417	5.078474
#3	.2508051	2.476695	25.57973	.9961360	2.479838	1.283511	5.120072

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.570821	25.14360	2.480609	1.274919	25.14540	2.547924	2.521906
Stddev	.020871	.35347	.003812	.002992	.21216	.012339	.016490
%RSD	.8118378	1.405818	.1536543	.2347003	.8437153	.4842597	.6538565

#1	2.546722	24.73573	2.477065	1.277104	25.11133	2.533714	2.534819
#2	2.582919	25.36083	2.480120	1.271509	24.95233	2.554134	2.503331
#3	2.582823	25.33423	2.484641	1.276145	25.37252	2.555923	2.527567

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.37910	5.179699	5.081082	5.004589	5.046018	5.013793	4.896346
Stddev	.27514	.018523	.041412	.001437	.025543	.031535	.003458
%RSD	1.084101	.3576112	.8150331	.0287041	.5061993	.6289748	.0706213

#1	25.14309	5.158755	5.099906	5.003850	5.016928	5.021970	4.899730
#2	25.68129	5.186412	5.109739	5.003673	5.056348	5.040435	4.896489
#3	25.31292	5.193929	5.033601	5.006245	5.064777	4.978974	4.892819

Sample Name: CCV03 Acquired: 09/12/2023 14:38:56 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.090594	5.222632	5.095724
Stddev	.028308	.033376	.055197
%RSD	.5560777	.6390691	1.083198

#1	5.057911	5.187651	5.033137
#2	5.106510	5.254131	5.116586
#3	5.107362	5.226115	5.137449

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1104.160	1453.545	41716.73	5912.254	1593.889
Stddev	9.460	5.862	40.98	51.298	2.661
%RSD	.8567898	.4033026	.0982378	.8676518	.1669445

#1	1095.163	1447.914	41670.51	5877.284	1590.862
#2	1114.024	1459.614	41748.64	5888.335	1595.858
#3	1103.292	1453.109	41731.04	5971.143	1594.948

Sample Name: CCB03 Acquired: 09/12/2023 14:42:51 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0004192	.0006299	.0004014	-.003020	.0037163	.0094118	.0003781
Stddev	.0018892	.0024925	.0009223	.008185	.0011932	.0071597	.0001598
%RSD	450.7290	395.6868	229.7987	271.0045	32.10696	76.07170	42.26557

#1	.0024773	.0033179	.0012357	-.008463	.0023606	.0033121	.0005269
#2	.0000163	.0001770	.0005574	.006393	.0046067	.0172945	.0003982
#3	-.001236	-.001605	-.000589	-.006990	.0041816	.0076286	.0002092

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000722	.0000971	.0297035	.0002374	.0002879	-.002159	.0079741
Stddev	.0000524	.0000979	.0068236	.0011814	.0002651	.002298	.0063450
%RSD	72.57056	100.7858	22.97245	497.6390	92.08651	106.4345	79.57000

#1	.0001005	-.000008	.0321136	-.000523	.0003353	-.001756	.0150253
#2	.0001045	.000113	.0220019	-.000363	.0005260	-.000089	.0061714
#3	.0000117	.000186	.0349949	.001598	.0000023	-.004632	.0027255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000582	-.019052	.0004129	.0010293	.0264545	.0007837	-.000436
Stddev	.0005096	.009318	.0003519	.0003952	.1114899	.0017695	.000024
%RSD	875.0687	48.90754	85.23710	38.39163	421.4404	225.7778	5.589190

#1	-.000476	-.023083	.0002761	.0014537	.1048630	.0014170	-.000438
#2	.000539	-.008397	.0008126	.0009625	-.101175	-.001215	-.000410
#3	.000111	-.025675	.0001499	.0006718	.075676	.002149	-.000459

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025184	.0008411	.0088888	.0018685	-.007861	.0043512	.0013329
Stddev	.0353067	.0027950	.0004791	.0006158	.001596	.0008230	.0003322
%RSD	1401.928	332.2898	5.390323	32.95797	20.30330	18.91511	24.92402

#1	-.009112	-.000916	.0083848	.0022696	-.009689	.0047550	.0017080
#2	.042173	.004064	.0089430	.0011595	-.006749	.0048943	.0010755
#3	-.025506	-.000624	.0093385	.0021764	-.007143	.0034042	.0012153

Sample Name: CCB03 Acquired: 09/12/2023 14:42:51 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017722	-.000025	.0002893
Stddev	.0015952	.000142	.0000524
%RSD	90.01129	568.0085	18.10186

#1	.0005828	-.000094	.0002733
#2	.0011488	-.000120	.0003479
#3	.0035849	.000138	.0002469

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1120.523	1490.600	42308.30	5950.127	1681.471
Stddev	9.302	4.588	234.38	15.445	3.473
%RSD	.8301715	.3077845	.5539821	.2595785	.2065692

#1	1131.241	1487.475	42488.32	5946.570	1678.203
#2	1115.765	1495.867	42393.31	5967.040	1685.119
#3	1114.561	1488.458	42043.28	5936.770	1681.093