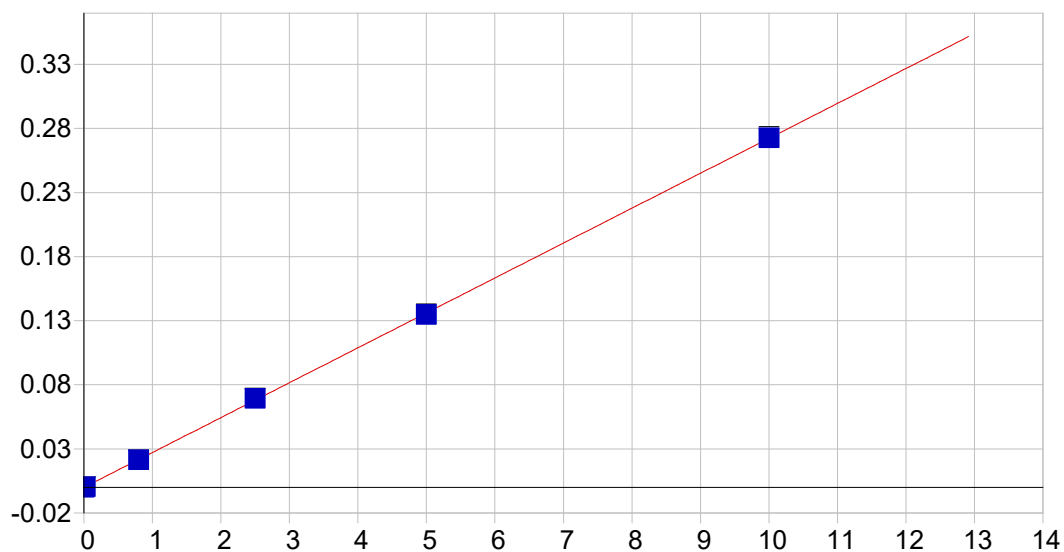


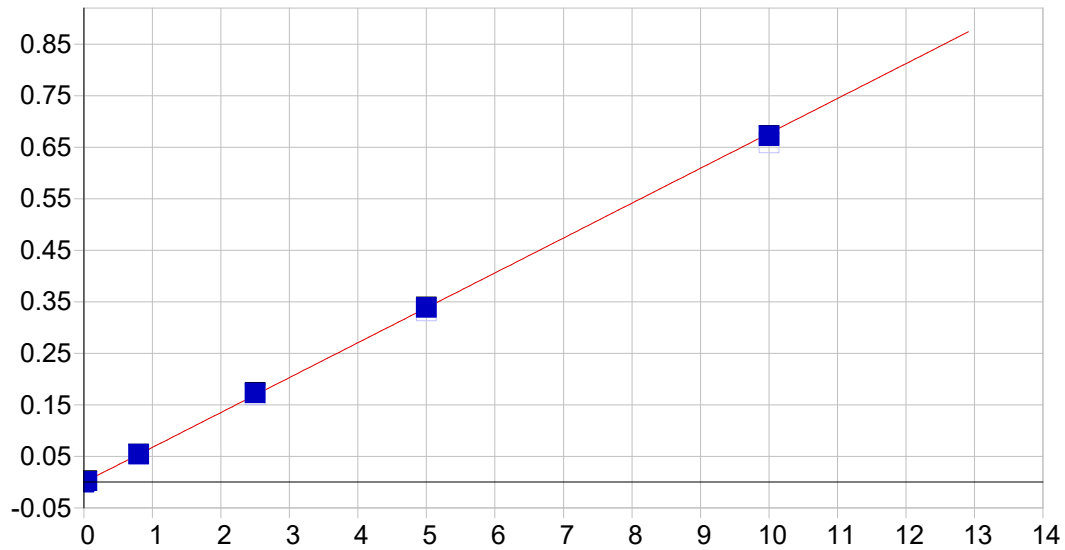


As 189.042 {479}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000069 Re-Slope: 1.000000
 A1 (Gain): 0.027238 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.006331
 Predicted MQL: 0.021103

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.02000	.02401	.004	20.0	.00059	.000	1
S3	2.5000	2.5464	.046	1.85	.06937	.000	1
S4	5.0000	4.9492	-.051	-1.02	.13490	.000	1
S5	10.000	10.011	.011	.111	.27294	.001	1
S2	.80000	.78933	-.011	-1.33	.02146	.000	1

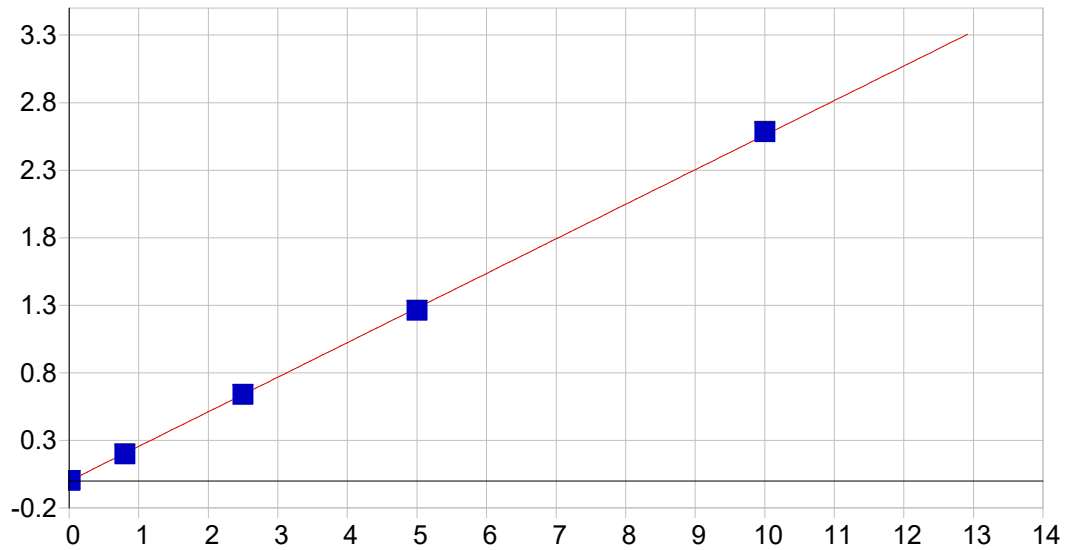


TI 190.856 {477}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000200 Re-Slope: 1.000000
 A1 (Gain): 0.067699 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.002750
 Predicted MQL: 0.009166

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.04000	.03897	-.001	-2.56	.00233	.000	1
S3	2.5000	2.5586	.059	2.34	.16948	.001	1
S4	5.0000	5.0112	.011	.224	.33198	.001	1
S5	10.000	9.9284	-.072	-.716	.65780	.001	1
S2	.80000	.80283	.003	.354	.05302	.000	1

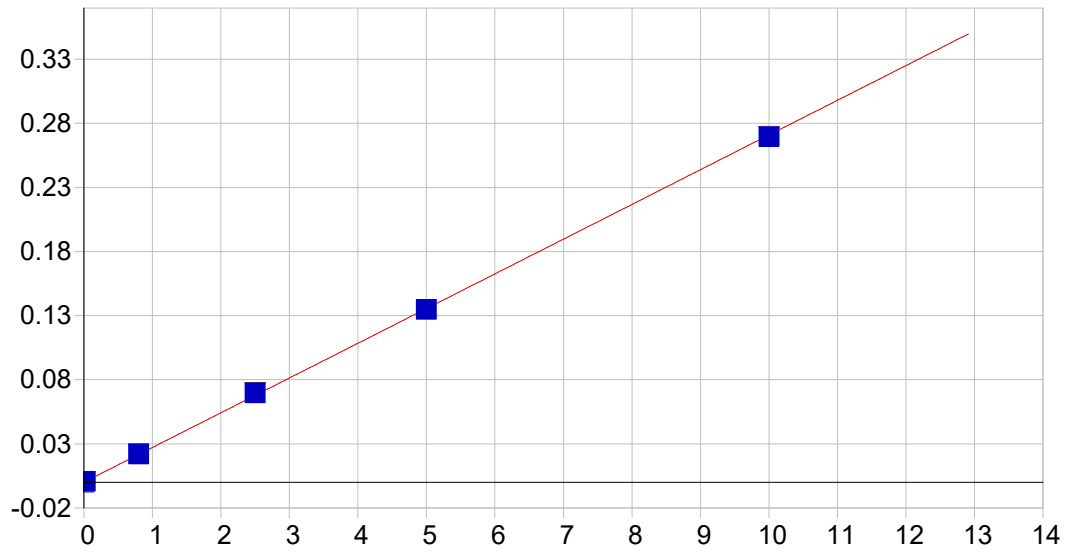


Pb 220.353 {453}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000257 Re-Slope: 1.000000
 A1 (Gain): 0.255957 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000055
 Predicted MDL: 0.001893
 Predicted MQL: 0.006309

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.01200	.01202	.000	.136	.00275	.000	1
S3	2.5000	2.4995	-.000	-.018	.63861	.003	1
S4	5.0000	4.9316	-.068	-1.37	1.2602	.002	1
S5	10.000	10.094	.094	.940	2.5797	.006	1
S2	.80000	.77485	-.025	-3.14	.19778	.001	1

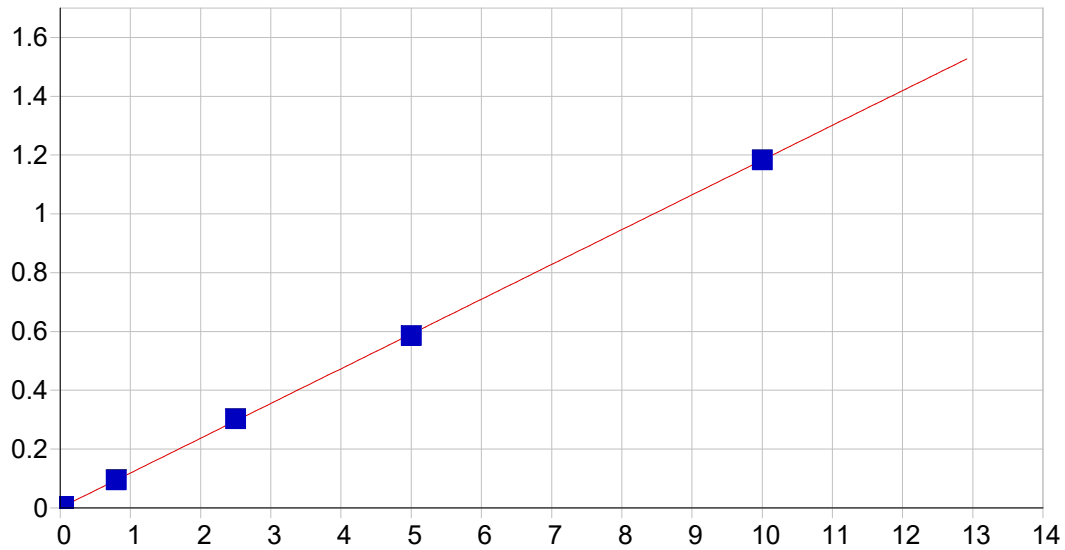


Se 196.090 {472}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000080 Re-Slope: 1.000000
 A1 (Gain): 0.027089 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.007020
 Predicted MQL: 0.023400

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.02000	.02027	.000	1.37	.00063	.000	1
S3	2.5000	2.5693	.069	2.77	.06967	.000	1
S4	5.0000	4.9719	-.028	-.563	.13474	.000	1
S5	10.000	9.9515	-.049	-.485	.26961	.000	1
S2	.80000	.80711	.007	.889	.02194	.000	1

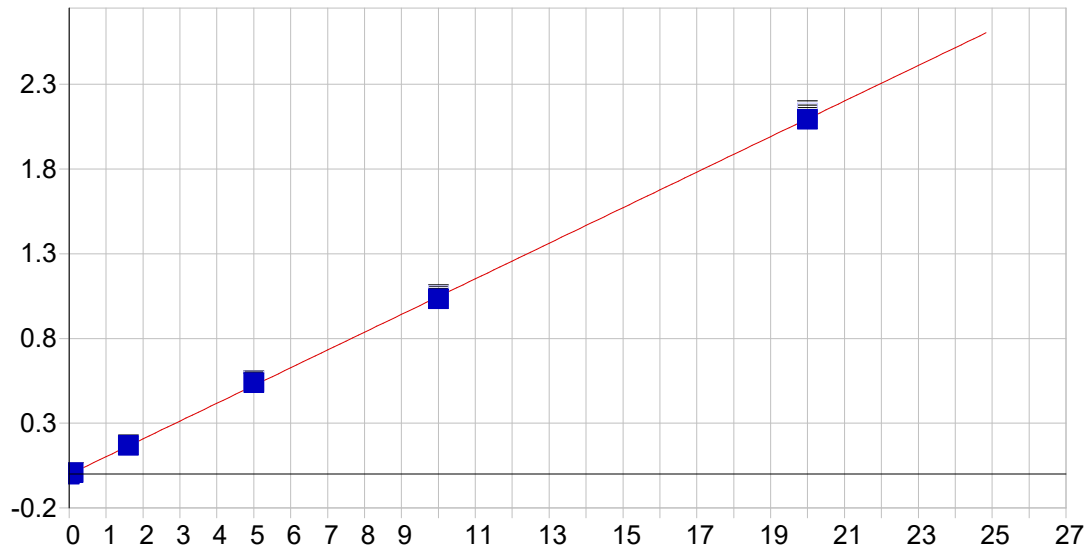


Sb 206.833 {463}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000355 Re-Slope: 1.000000
 A1 (Gain): 0.118240 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.002609
 Predicted MQL: 0.008698

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00035	.000	1
S1	.05000	.04947	-.001	-1.06	.00619	.000	1
S3	2.5000	2.5533	.053	2.13	.30223	.001	1
S4	5.0000	4.9477	-.052	-1.05	.58531	.002	1
S5	10.000	9.9991	-.001	-.009	1.1825	.001	1
S2	.80000	.80039	.000	.048	.09498	.000	1

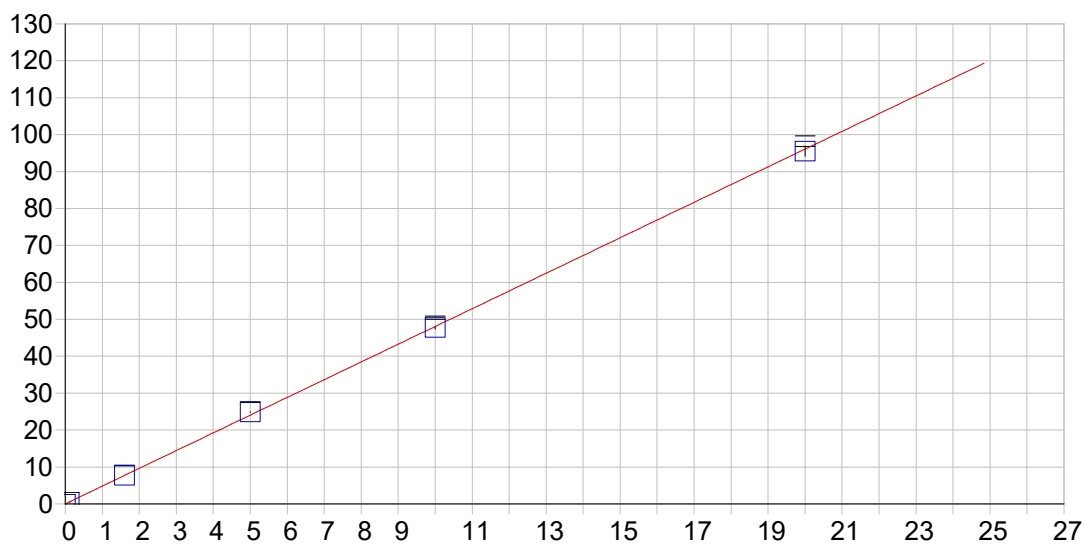


AI 396.152 { 85}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002410 Re-Slope: 1.000000
 A1 (Gain): 0.104942 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902 Status: OK.
 Std Error of Est: 0.000111
 Predicted MDL: 0.011684
 Predicted MQL: 0.038947

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00241	.001	1
S1	.10000	.09520	-.005	-4.80	.00836	.001	1
S3	5.0000	5.1603	.160	3.21	.54887	.003	1
S4	10.000	9.8667	-.133	-1.33	1.0525	.005	1
S5	20.000	19.959	-.041	-.205	2.1311	.012	1
S2	1.6000	1.6189	.019	1.18	.17060	.002	1

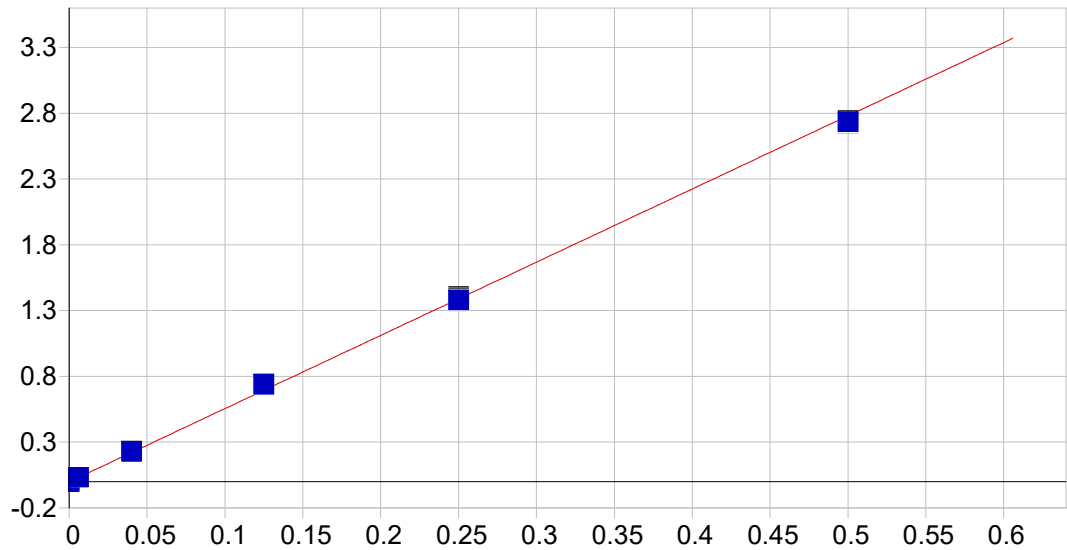


Ba 493.409 { 68}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.019805 Re-Slope: 1.000000
 A1 (Gain): 4.803578 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902 Status: OK.
 Std Error of Est: 0.004980
 Predicted MDL: 0.000540
 Predicted MQL: 0.001799

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01979	.002	1
S1	.10000	.09971	-.000	-.293	.49875	.003	1
S3	5.0000	5.1749	.175	3.50	24.878	.088	1
S4	10.000	9.9367	-.063	-.633	47.752	.430	1
S5	20.000	19.886	-.114	-.570	95.543	1.42	1
S2	1.6000	1.6028	.003	.176	7.7190	.092	1

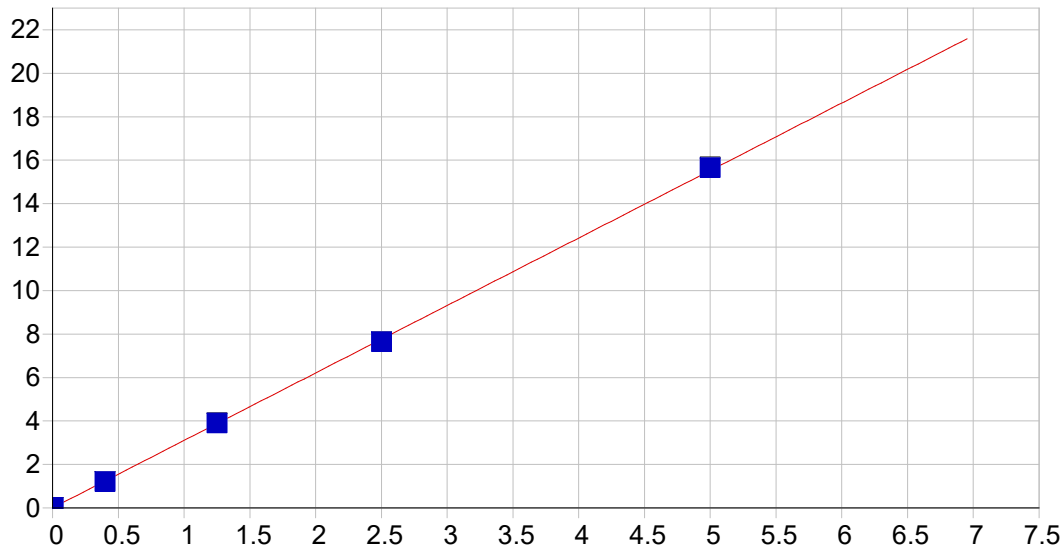


Be 234.861 {144}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001653	Re-Slope:	1.000000
A1 (Gain):	5.565582	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999609	Status:	OK.
Std Error of Est:	0.000445		
Predicted MDL:	0.000082		
Predicted MQL:	0.000275		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00166	.001	1
S1	.00600	.00619	.000	3.16	.03242	.001	1
S3	.12500	.13301	.008	6.41	.73394	.003	1
S4	.25000	.24828	-.002	-.686	1.3708	.026	1
S5	.50000	.49205	-.008	-1.59	2.7182	.007	1
S2	.04000	.04147	.001	3.67	.22764	.002	1

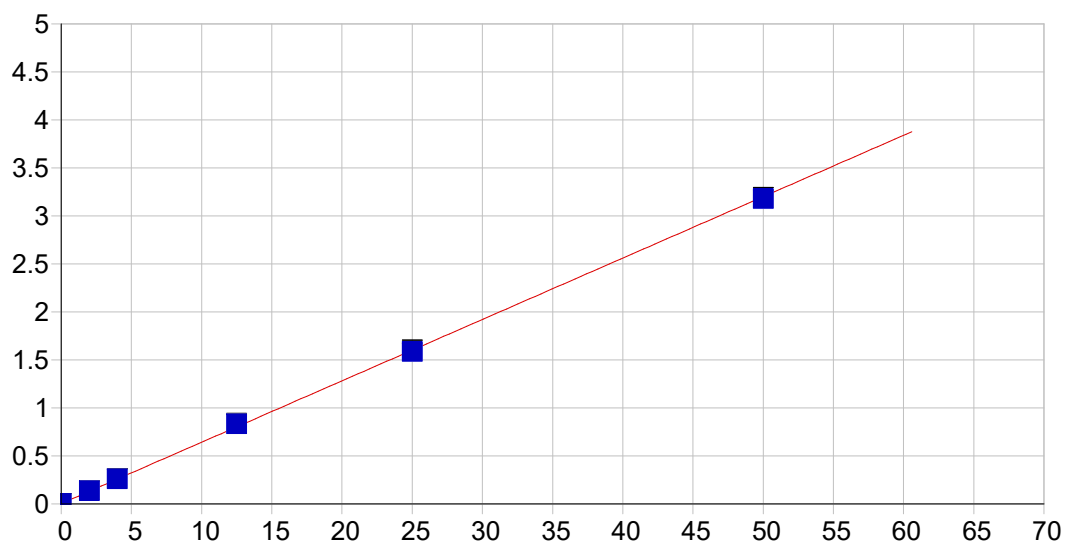


Cd 214.438 {457}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000760	Re-Slope:	1.000000
A1 (Gain):	3.104793	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999930	Status:	OK.
Std Error of Est:	0.000332		
Predicted MDL:	0.000096		
Predicted MQL:	0.000320		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00076	.000	1
S1	.00600	.00601	.000	.102	.01942	.000	1
S3	1.2500	1.2561	.006	.491	3.9010	.003	1
S4	2.5000	2.4631	-.037	-1.48	7.6486	.007	1
S5	5.0000	5.0424	.042	.848	15.657	.029	1
S2	.40000	.38836	-.012	-2.91	1.2066	.003	1

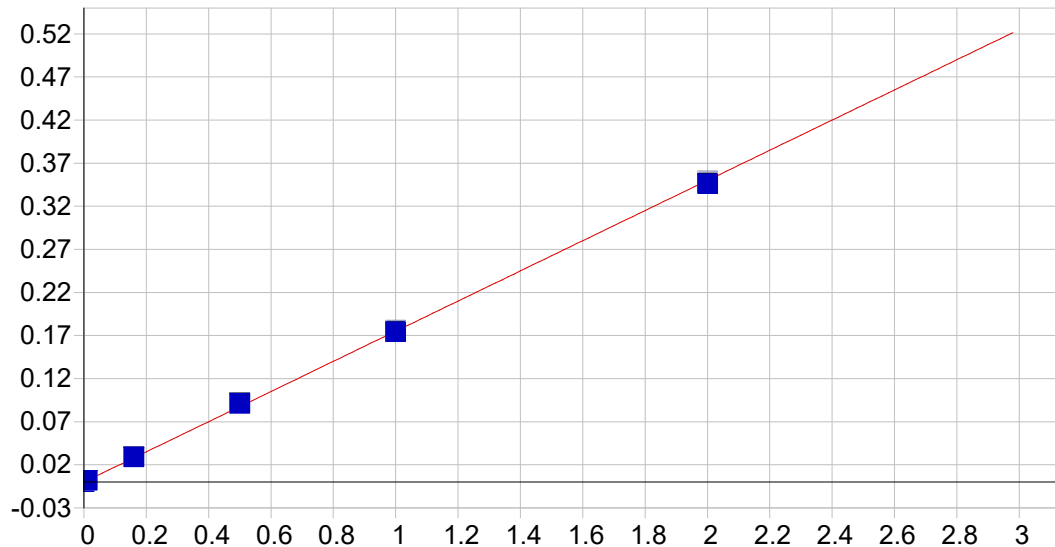


Ca 373.690 { 90}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.00339 Re-Slope: 1.00000
 A1 (Gain): 0.063935 Y-int: 0.00000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.000557
 Predicted MDL: 0.013900
 Predicted MQL: 0.046335

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00012	-.000	.000	.00339	.001	1
S2	4.0000	4.0334	.033	.834	.26117	.002	1
S3	12.500	12.982	.482	3.85	.83305	.005	1
S4	25.000	24.760	-.240	-.960	1.5858	.017	1
S5	50.000	49.663	-.337	-.674	3.1773	.015	1
S1	2.0000	2.0622	.062	3.11	.13523	.001	1

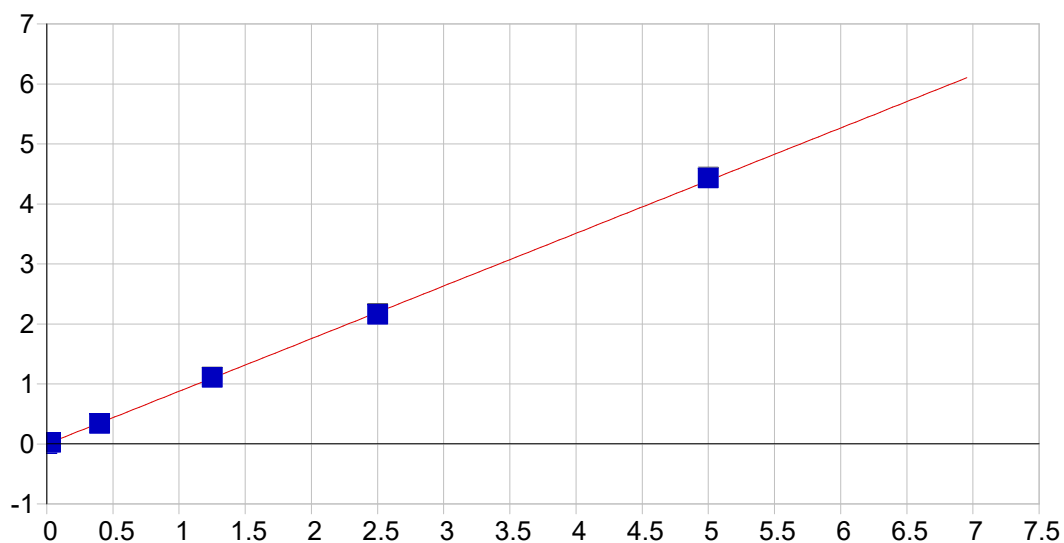


Cr 267.716 {126}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000050 Re-Slope: 1.000000
 A1 (Gain): 0.174995 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999828 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.000480
 Predicted MQL: 0.001600

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.01000	.01013	.000	1.34	.00185	.000	1
S3	.50000	.52101	.021	4.20	.09184	.000	1
S4	1.0000	.99620	-.004	-.380	.17561	.001	1
S5	2.0000	1.9780	-.022	-1.10	.34865	.000	1
S2	.16000	.16468	.005	2.92	.02907	.000	1

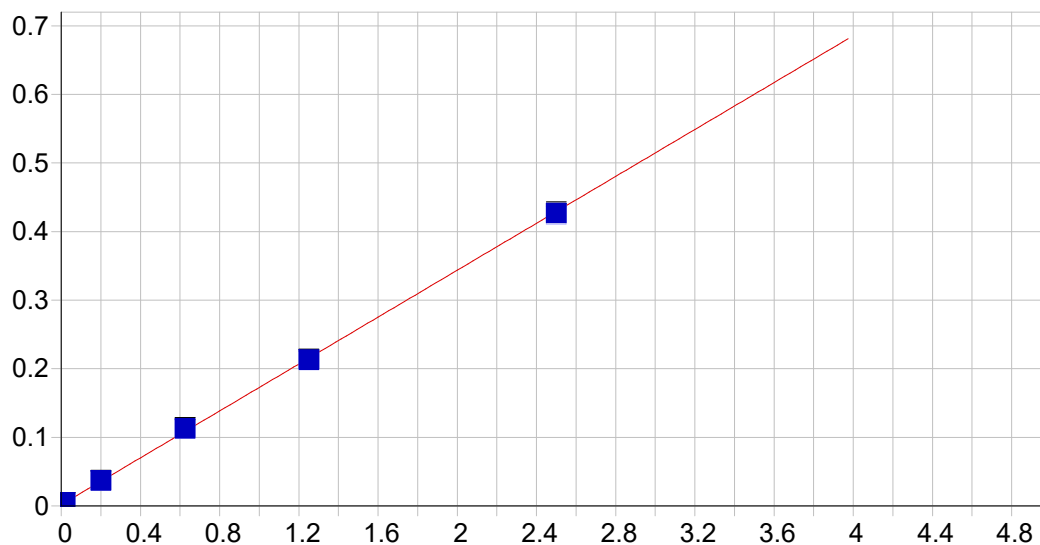


Co 228.616 {448}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001236 Re-Slope: 1.000000
 A1 (Gain): 0.877782 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907 Status: OK.
 Std Error of Est: 0.000244
 Predicted MDL: 0.000336
 Predicted MQL: 0.001122

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00123	.000	1
S1	.03000	.02865	-.001	-4.50	.02383	.000	1
S3	1.2500	1.2608	.011	.867	1.1078	.002	1
S4	2.5000	2.4587	-.041	-1.65	2.1615	.005	1
S5	5.0000	5.0455	.046	.911	4.4368	.009	1
S2	.40000	.38632	-.014	-3.42	.33860	.000	1

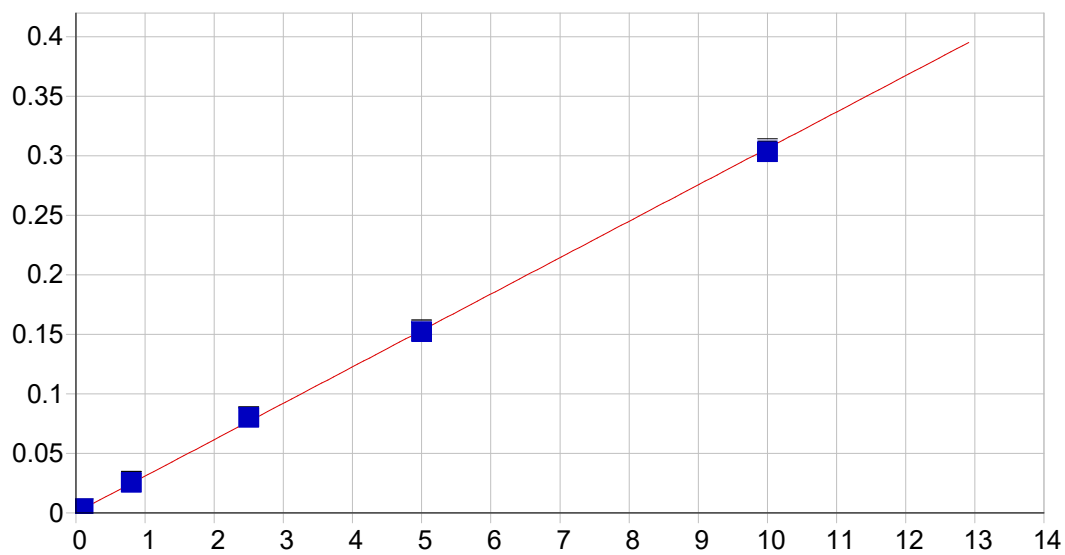


Cu 324.754 {104}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001747	Re-Slope:	1.000000
A1 (Gain):	0.170994	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999855	Status:	OK.
Std Error of Est:	0.000034		
Predicted MDL:	0.004131		
Predicted MQL:	0.013770		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00175	.001	1
S1	.02000	.01947	-.001	-2.65	.00508	.001	1
S3	.62500	.64921	.024	3.87	.11227	.001	1
S4	1.2500	1.2359	-.014	-1.13	.21209	.001	1
S5	2.5000	2.4854	-.015	-.583	.42477	.002	1
S2	.20000	.20505	.005	2.53	.03665	.001	1

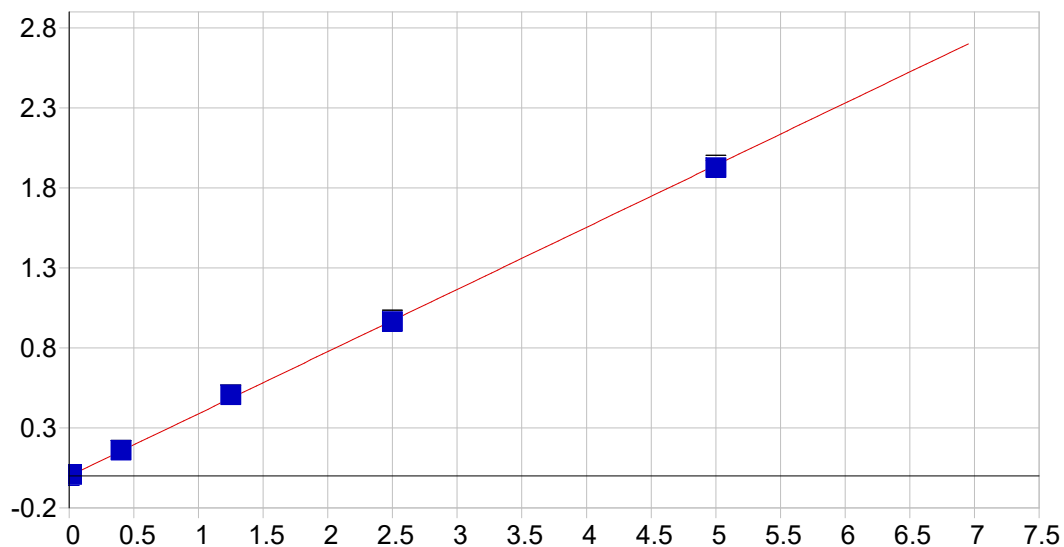


Fe 259.837 {130}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000351 Re-Slope: 1.000000
 A1 (Gain): 0.030589 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999825 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.010271
 Predicted MQL: 0.034236

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00035	.000	1
S1	.10000	.10249	.002	2.49	.00350	.000	1
S3	2.5000	2.6082	.108	4.33	.08051	.001	1
S4	5.0000	4.9598	-.040	-.804	.15281	.001	1
S5	10.000	9.9077	-.092	-.923	.30491	.001	1
S2	.80000	.82182	.022	2.73	.02561	.001	1

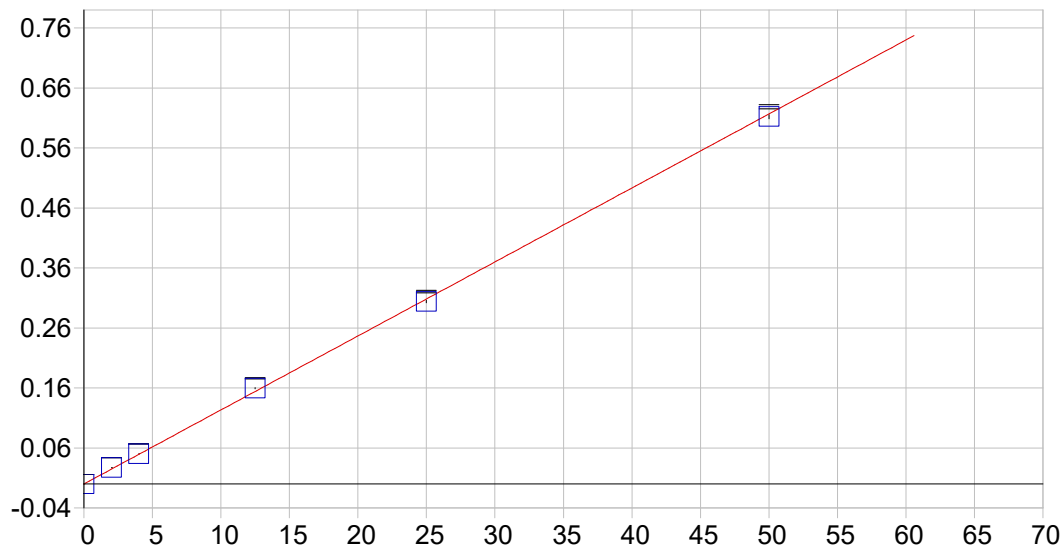


Mn 257.610 {131}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000012	Re-Slope:	1.000000
A1 (Gain):	0.388409	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999844	Status:	OK.
Std Error of Est:	0.000114		
Predicted MDL:	0.000711		
Predicted MQL:	0.002369		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.02000	.02050	.000	2.48	.00798	.000	1
S3	1.2500	1.3014	.051	4.11	.50557	.002	1
S4	2.5000	2.4817	-.018	-.731	.96411	.010	1
S5	5.0000	4.9568	-.043	-.863	1.9256	.016	1
S2	.40000	.40956	.010	2.39	.15912	.001	1

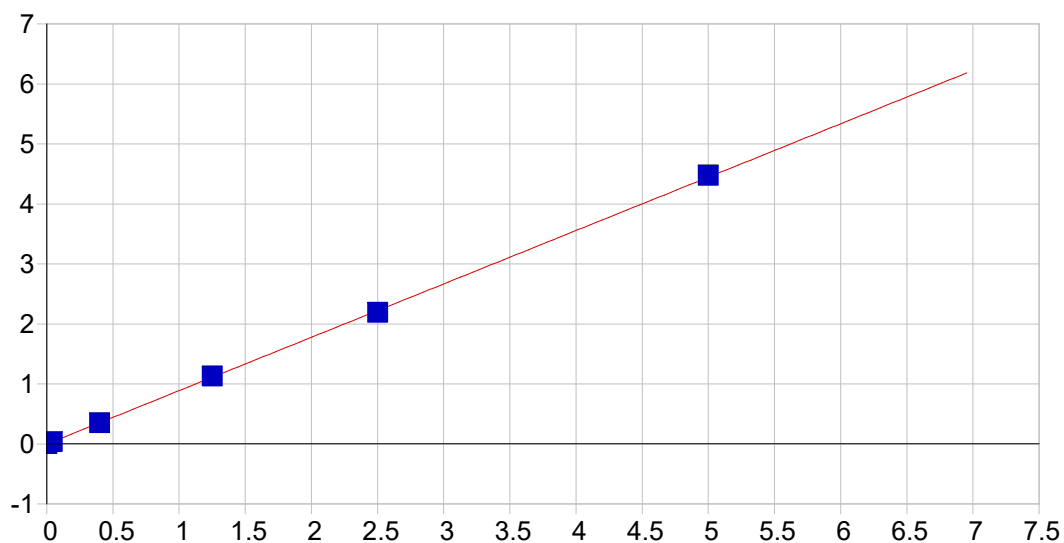


Mg 279.079 {121}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000077 Re-Slope: 1.000000
 A1 (Gain): 0.012335 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999755 Status: OK.
 Std Error of Est: 0.000145
 Predicted MDL: 0.031203
 Predicted MQL: 0.104009

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00027	-.000	.000	-.00008	.000	1
S2	4.0000	4.0674	.067	1.68	.05009	.000	1
S3	12.500	12.931	.431	3.45	.15943	.001	1
S4	25.000	24.655	-.345	-1.38	.30404	.002	1
S5	50.000	49.634	-.366	-.731	.61216	.004	1
S1	2.0000	2.2116	.212	10.6	.02720	.000	1

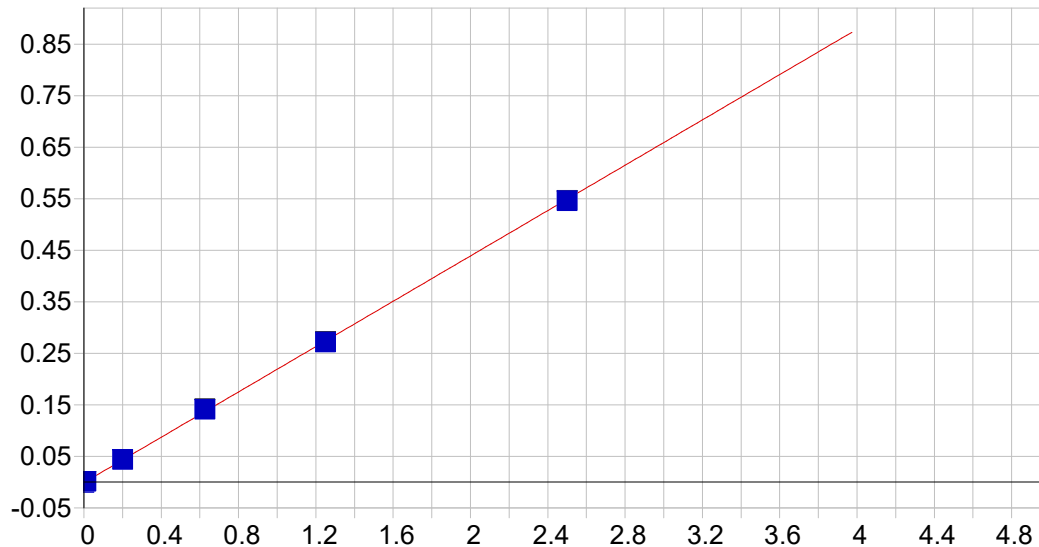


Ni 231.604 {446}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002379	Re-Slope:	1.000000
A1 (Gain):	0.889640	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999935	Status:	OK.
Std Error of Est:	0.000238		
Predicted MDL:	0.000433		
Predicted MQL:	0.001445		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00238	.000	1
S1	.04000	.03927	-.001	-1.83	.03259	.000	1
S3	1.2500	1.2679	.018	1.43	1.1266	.001	1
S4	2.5000	2.4607	-.039	-1.57	2.1889	.004	1
S5	5.0000	5.0294	.029	.588	4.4762	.006	1
S2	.40000	.39272	-.007	-1.82	.34734	.001	1

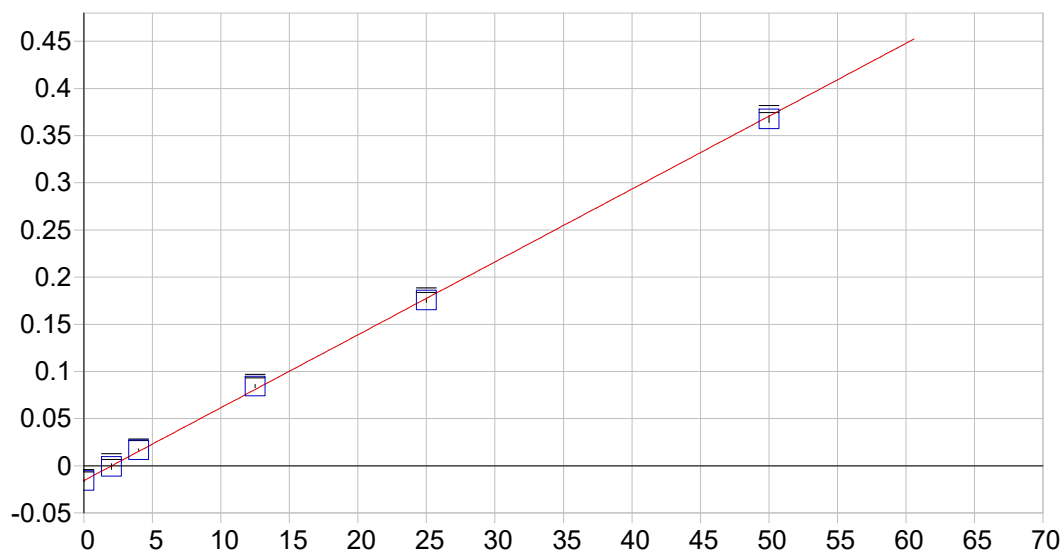


Ag 328.068 {103}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000911	Re-Slope:	1.000000
A1 (Gain):	0.219966	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999894	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.000590		
Predicted MQL:	0.001968		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00091	.000	1
S1	.01000	.00984	-.000	-1.57	.00125	.000	1
S3	.62500	.64656	.022	3.45	.14116	.001	1
S4	1.2500	1.2392	-.011	-.867	.27137	.001	1
S5	2.5000	2.4861	-.014	-.557	.54535	.001	1
S2	.20000	.20334	.003	1.67	.04377	.000	1

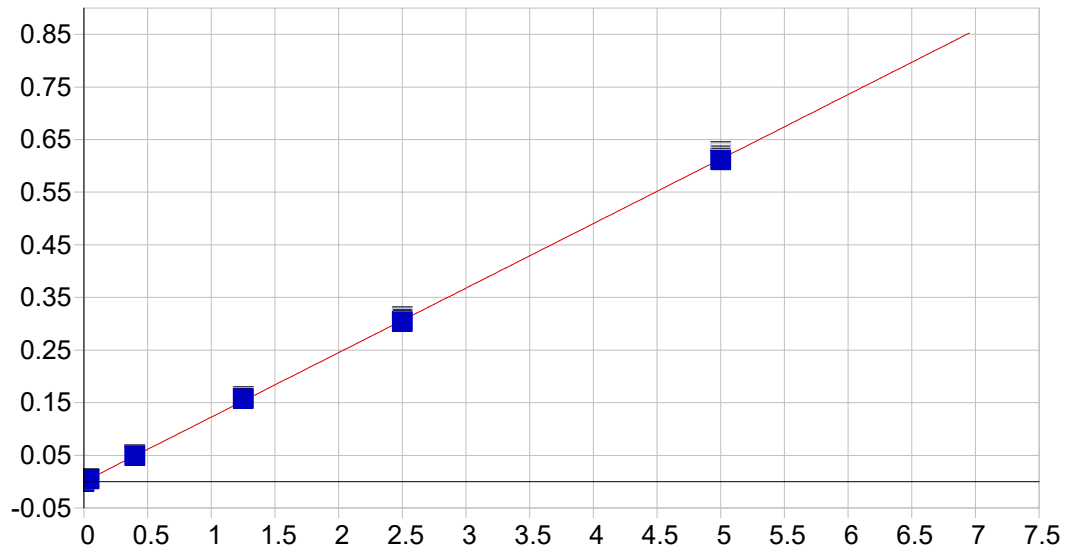


Na 818.326 { 41}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.015663 Re-Slope: 1.000000
 A1 (Gain): 0.007726 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999795 Status: OK.
 Std Error of Est: 0.000083
 Predicted MDL: 0.296715
 Predicted MQL: 0.989049

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	-.000	.000	-.01566	.001	1
S2	4.0000	4.2258	.226	5.64	.01698	.001	1
S3	12.500	12.966	.466	3.73	.08451	.002	1
S4	25.000	24.761	-.239	-.956	.17564	.002	1
S5	50.000	49.626	-.374	-.748	.36774	.004	1
S1	2.0000	1.9210	-.079	-3.95	-.00082	.003	1

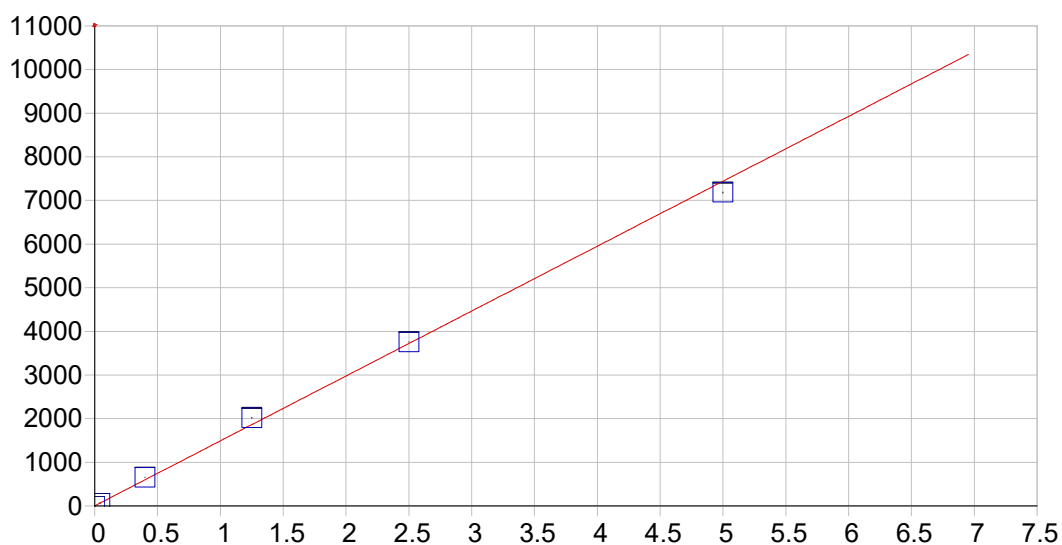


V 292.402 {115}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000097 Re-Slope: 1.000000
 A1 (Gain): 0.122622 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.003712
 Predicted MQL: 0.012372

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00010	.001	1
S1	.04000	.03819	-.002	-4.53	.00483	.000	1
S3	1.2500	1.2845	.034	2.76	.16046	.001	1
S4	2.5000	2.4809	-.019	-.766	.31022	.003	1
S5	5.0000	4.9827	-.017	-.347	.62311	.004	1
S2	.40000	.40385	.004	.964	.05040	.001	1

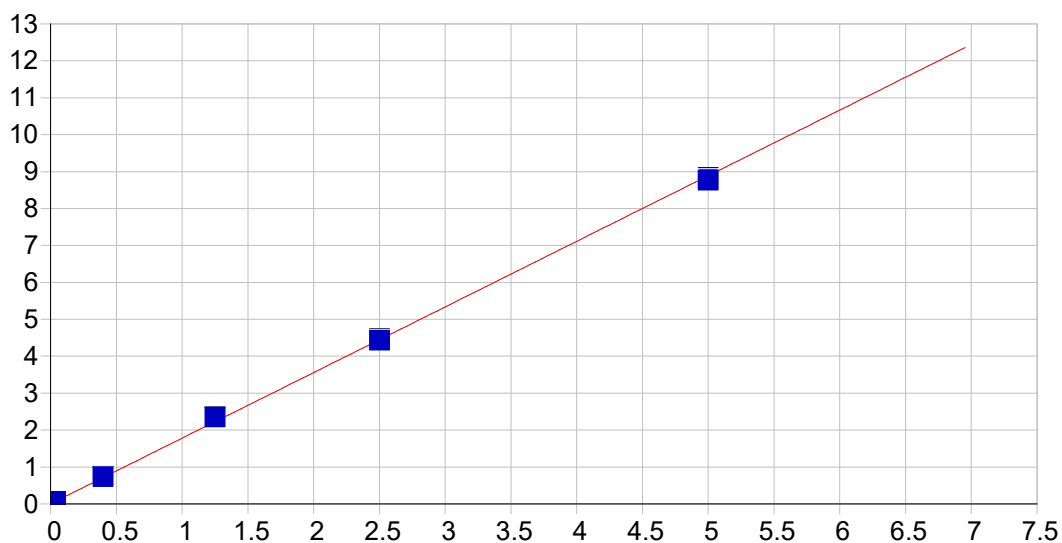


Zn 206.200 {464}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	2.920764	Re-Slope:	1.000000
A1 (Gain):	1487.432013	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998956	Status:	OK.
Std Error of Est:	1.596550		
Predicted MDL:	0.000350		
Predicted MQL:	0.001166		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	2.9055	.590	1
S1	.04000	.04402	.004	10.1	68.398	.465	1
S3	1.2500	1.3562	.106	8.50	2020.2	7.94	1
S4	2.5000	2.5238	.024	.952	3756.9	3.40	1
S5	5.0000	4.8278	-.172	-3.44	7184.0	12.6	1
S2	.40000	.43814	.038	9.53	654.62	2.47	1

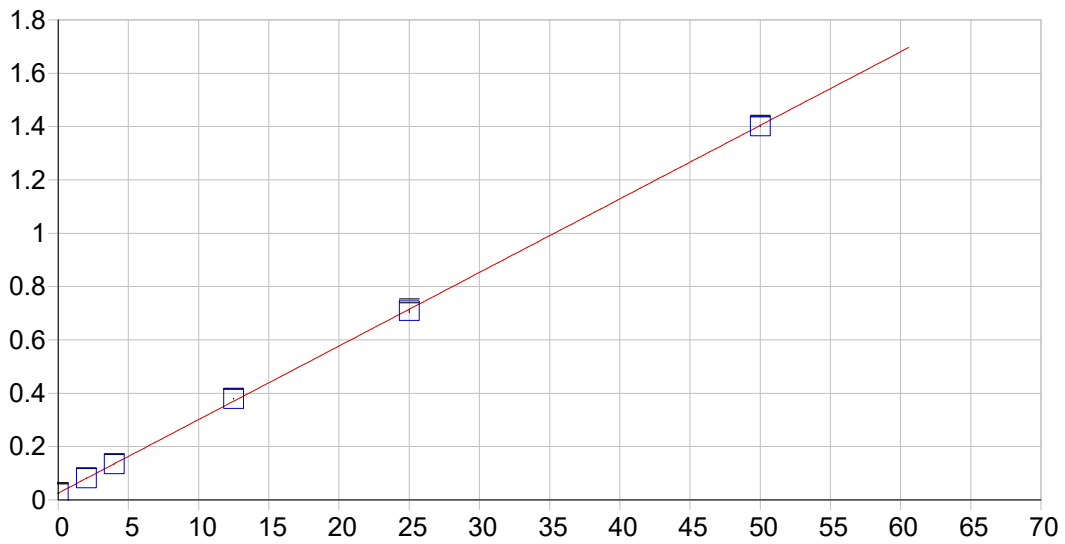


Zn 213.856 {158}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003493 Re-Slope: 1.000000
 A1 (Gain): 1.777203 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999712 Status: OK.
 Std Error of Est: 0.001007
 Predicted MDL: 0.000505
 Predicted MQL: 0.001683

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00349	.001	1
S1	.04000	.04148	.001	3.70	.07762	.001	1
S3	1.2500	1.3180	.068	5.44	2.3584	.005	1
S4	2.5000	2.4899	-.010	-.403	4.4537	.015	1
S5	5.0000	4.9266	-.073	-1.47	8.8091	.028	1
S2	.40000	.41399	.014	3.50	.74324	.006	1

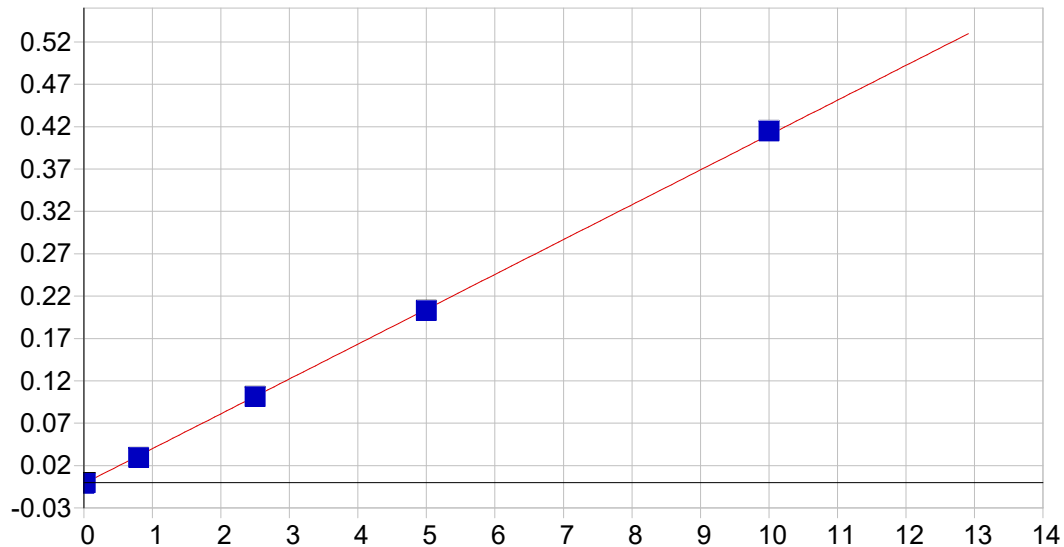


K 769.896 { 44 }

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.025487 Re-Slope: 1.000000
 A1 (Gain): 0.027579 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000170
 Predicted MDL: 0.077936
 Predicted MQL: 0.259787

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.02549	.002	1
S2	4.0000	3.9447	-.055	-1.38	.13428	.001	1
S3	12.500	12.845	.345	2.76	.37975	.001	1
S4	25.000	24.782	-.218	-.873	.70895	.007	1
S5	50.000	49.905	-.095	-.190	1.4018	.003	1
S1	2.0000	2.0234	.023	1.17	.08129	.001	1

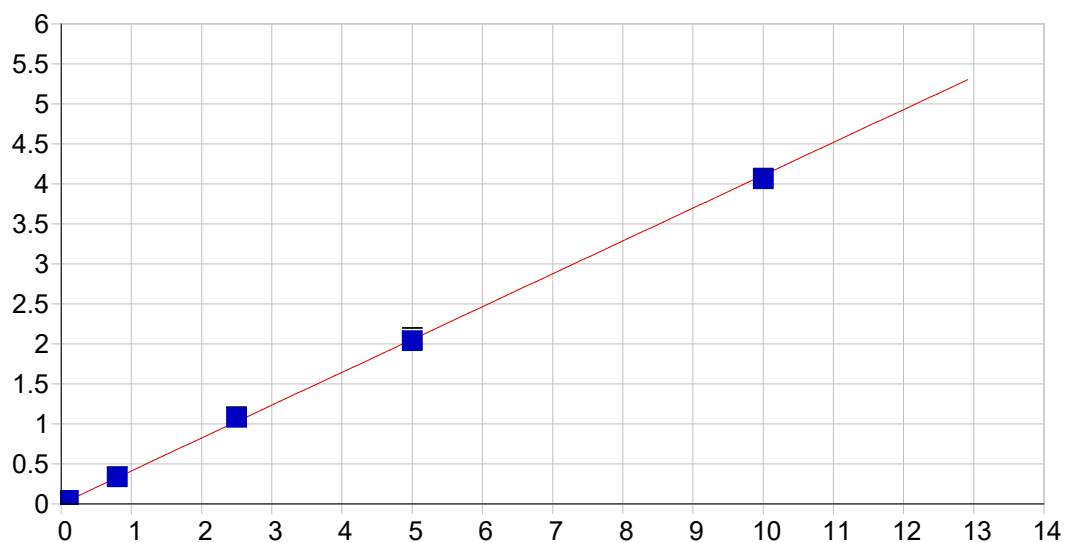


P 177.495 {490}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001195 Re-Slope: 1.000000
 A1 (Gain): 0.041128 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999850 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.004260
 Predicted MQL: 0.014200

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00119	.000	1
S1	.02000	.01914	-.001	-4.28	-.00040	.000	1
S3	2.5000	2.4855	-.015	-.581	.10127	.001	1
S4	5.0000	4.9576	-.042	-.847	.20318	.000	1
S5	10.000	10.113	.113	1.13	.41567	.000	1
S2	.80000	.74517	-.055	-6.85	.02953	.000	1

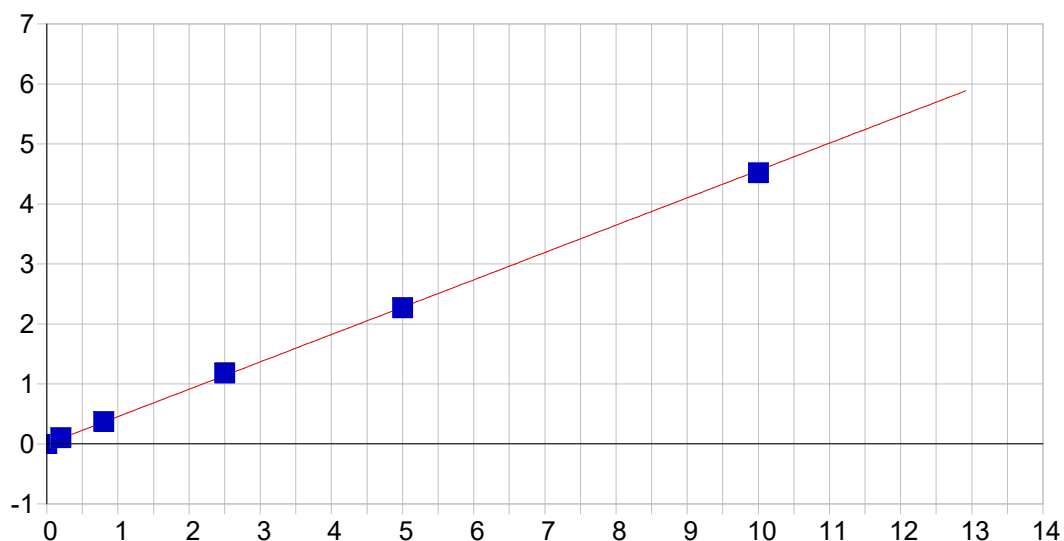


B 249.678 {135}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002522 Re-Slope: 1.000000
 A1 (Gain): 0.410528 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999775 Status: OK.
 Std Error of Est: 0.000457
 Predicted MDL: 0.001318
 Predicted MQL: 0.004395

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00252	.000	1
S1	.10000	.10460	.005	4.60	.04530	.001	1
S3	2.5000	2.6273	.127	5.09	1.0788	.005	1
S4	5.0000	4.9609	-.039	-.782	2.0344	.039	1
S5	10.000	9.8955	-.104	-1.04	4.0555	.006	1
S2	.80000	.81171	.012	1.46	.33500	.003	1

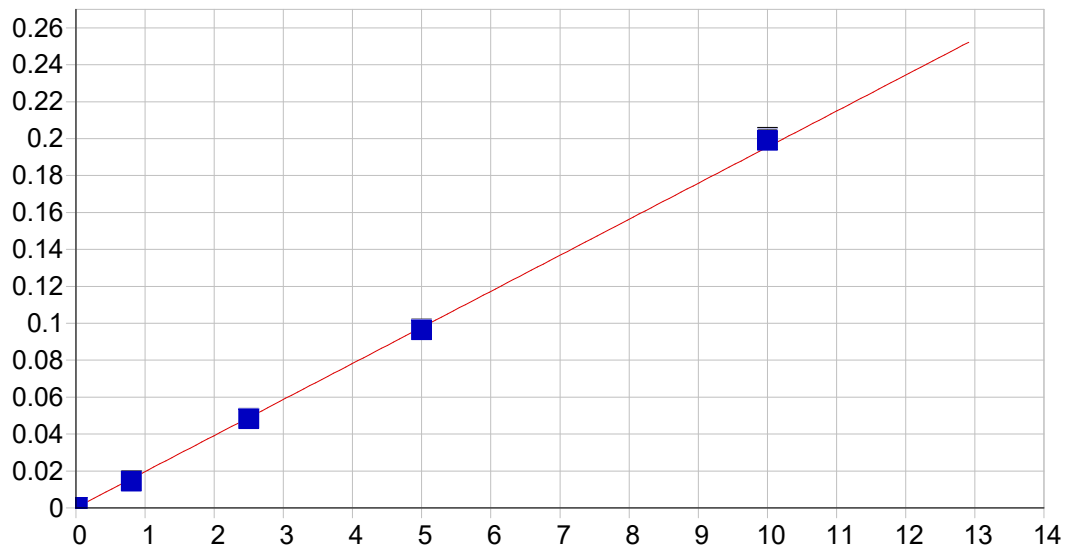


Mo 202.030 {467}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000168 Re-Slope: 1.000000
 A1 (Gain): 0.455727 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999843 Status: OK.
 Std Error of Est: 0.000601
 Predicted MDL: 0.000522
 Predicted MQL: 0.001740

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00018	.000	1
S1	.20000	.21913	.019	9.57	.09971	.000	1
S3	2.5000	2.5843	.084	3.37	1.1778	.002	1
S4	5.0000	4.9723	-.028	-.553	2.2664	.006	1
S5	10.000	9.9119	-.088	-.881	4.5180	.008	1
S2	.80000	.81232	.012	1.54	.37011	.000	1

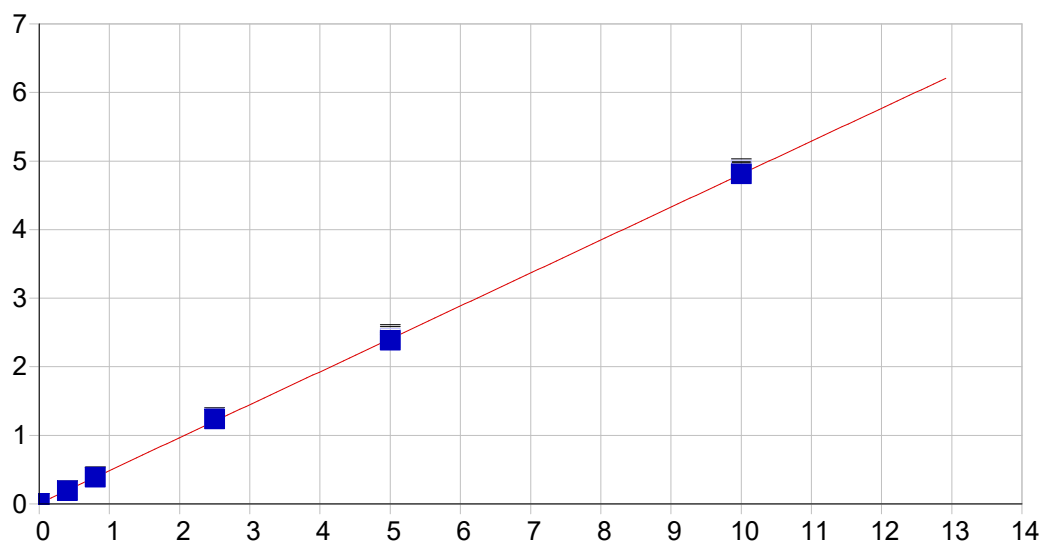


S 182.034 {485}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000147	Re-Slope:	1.000000
A1 (Gain):	0.019521	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999677	Status:	OK.
Std Error of Est:	0.000012		
Predicted MDL:	0.007841		
Predicted MQL:	0.026135		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00015	.000	1
S1	.02000	.01642	-.004	-17.9	.00046	.000	1
S3	2.5000	2.4619	-.038	-1.53	.04845	.000	1
S4	5.0000	4.9255	-.075	-1.49	.09678	.000	1
S5	10.000	10.186	.186	1.86	.19996	.001	1
S2	.80000	.72978	-.070	-8.78	.01447	.000	1

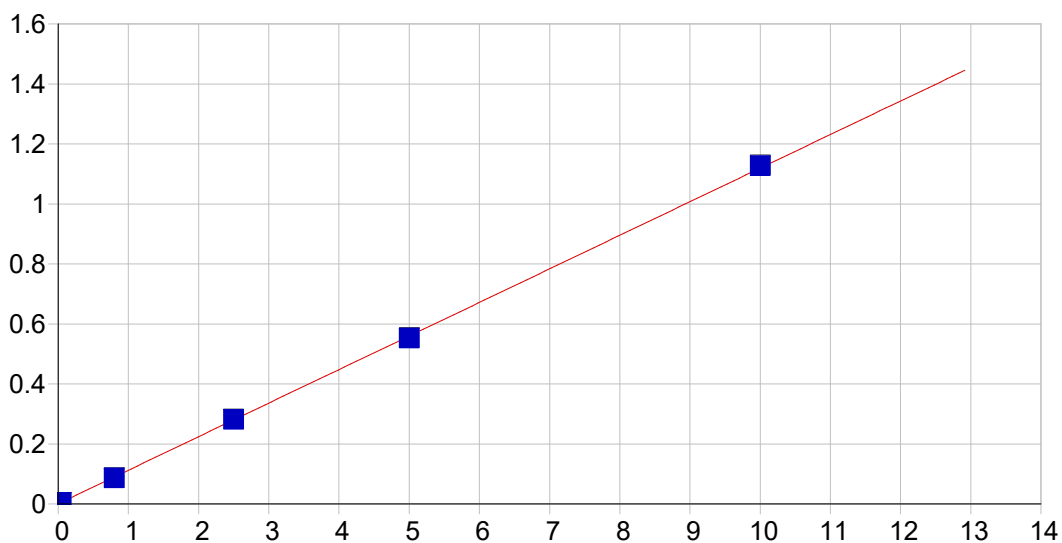


Si 251.611 {134}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005531 Re-Slope: 1.000000
 A1 (Gain): 0.480275 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000590
 Predicted MDL: 0.001244
 Predicted MQL: 0.004146

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00554	.000	1
S1	.40000	.38587	-.014	-3.53	.19178	.003	1
S3	2.5000	2.5625	.062	2.50	1.2504	.009	1
S4	5.0000	4.9525	-.047	-.950	2.4124	.054	1
S5	10.000	10.002	.002	.016	4.8656	.022	1
S2	.80000	.79746	-.003	-.317	.39305	.004	1

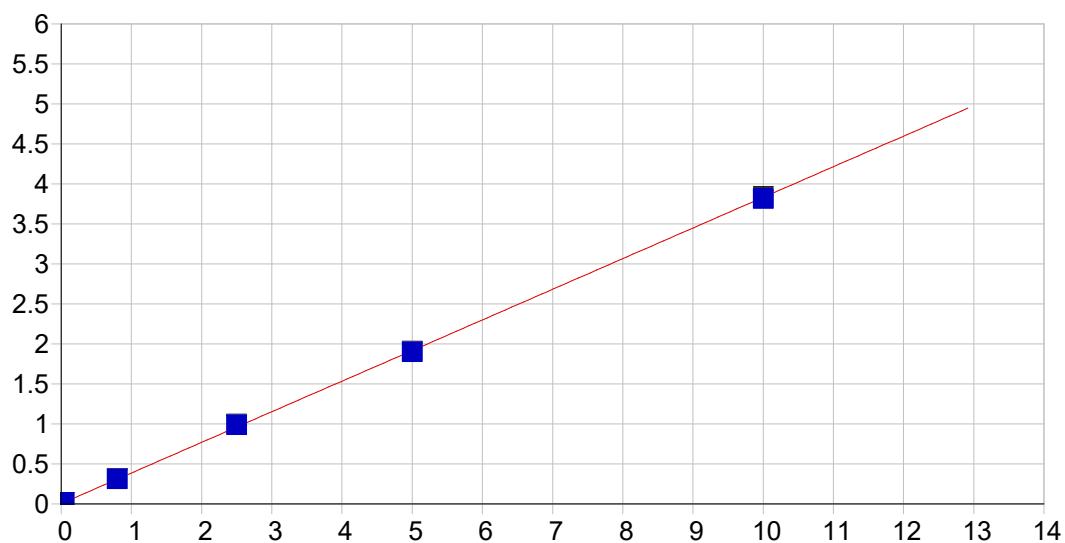


Sn 189.989 {478}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000281 Re-Slope: 1.000000
 A1 (Gain): 0.111893 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.001549
 Predicted MQL: 0.005163

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.04000	.03739	-.003	-6.53	.00447	.000	1
S3	2.5000	2.5148	.015	.591	.28145	.001	1
S4	5.0000	4.9396	-.060	-1.21	.55255	.000	1
S5	10.000	10.077	.077	.769	1.1269	.002	1
S2	.80000	.77129	-.029	-3.59	.08651	.000	1

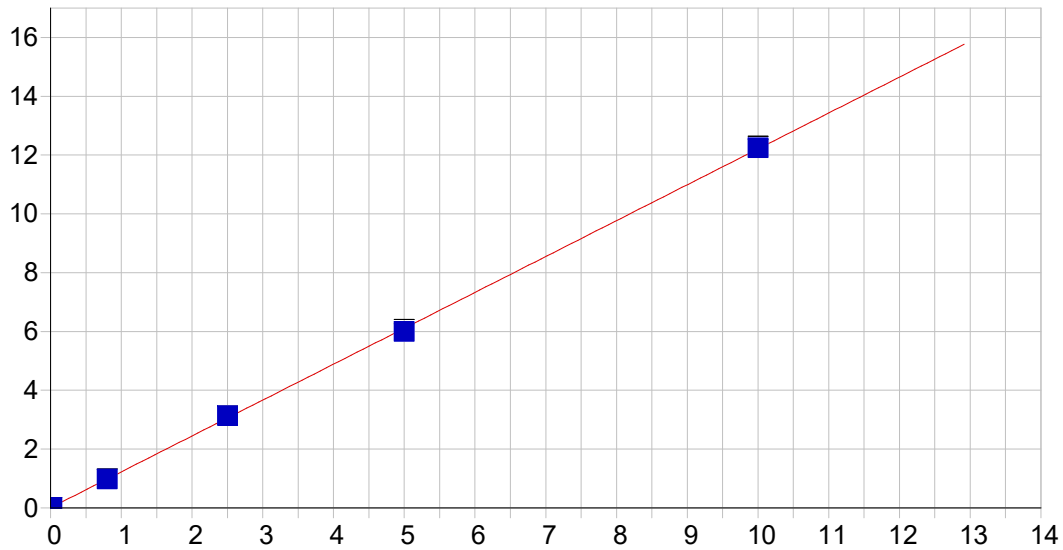


Ti 336.121 {100}

Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003148 Re-Slope: 1.000000
 A1 (Gain): 0.382844 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 0.000158
 Predicted MDL: 0.001610
 Predicted MQL: 0.005367

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00315	.000	1
S1	.04000	.04013	.000	.323	.01850	.000	1
S3	2.5000	2.5749	.075	2.99	.98860	.006	1
S4	5.0000	4.9595	-.040	-.810	1.9012	.008	1
S5	10.000	9.9572	-.043	-.428	3.8139	.023	1
S2	.80000	.80825	.008	1.03	.31248	.002	1

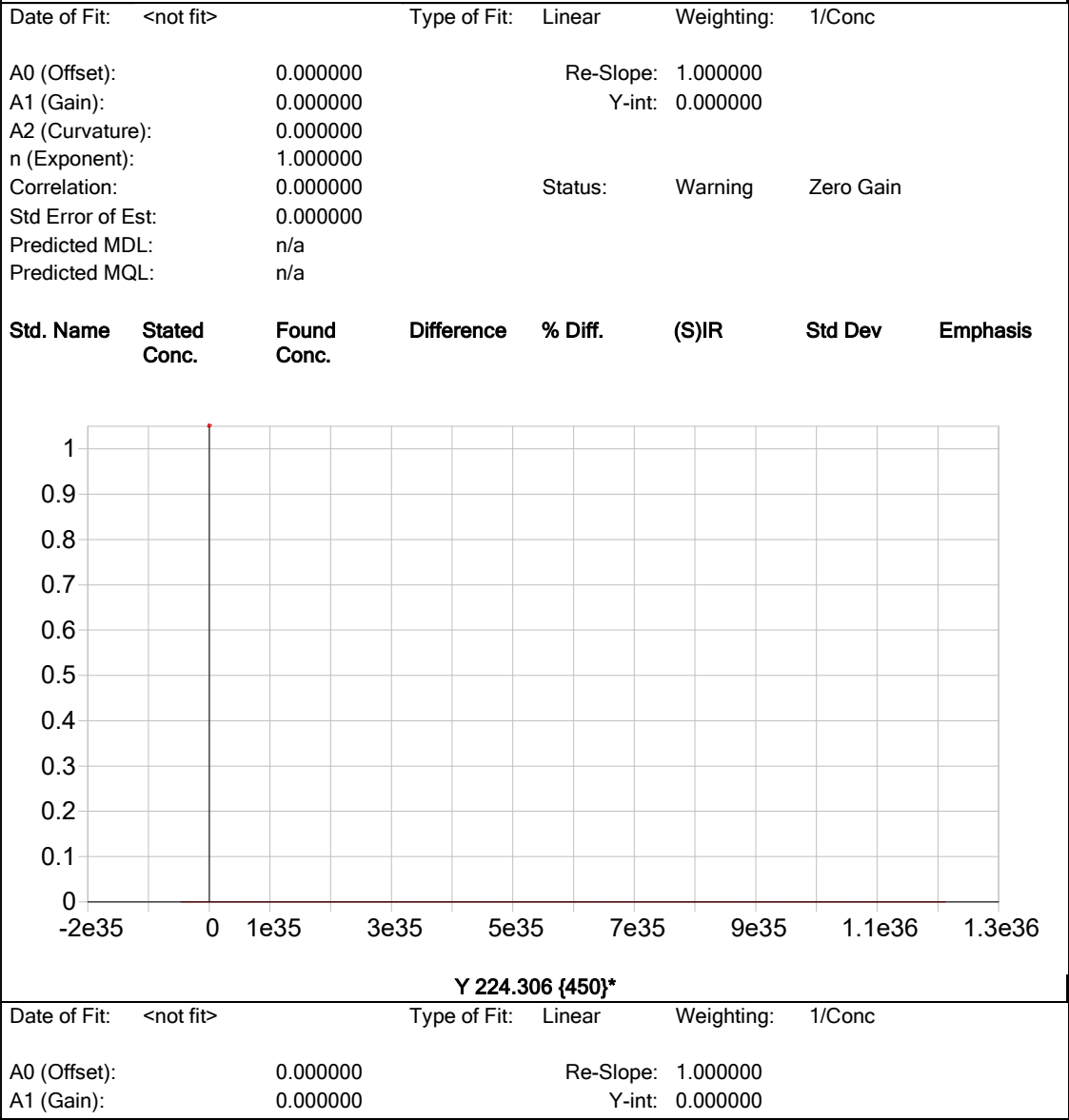
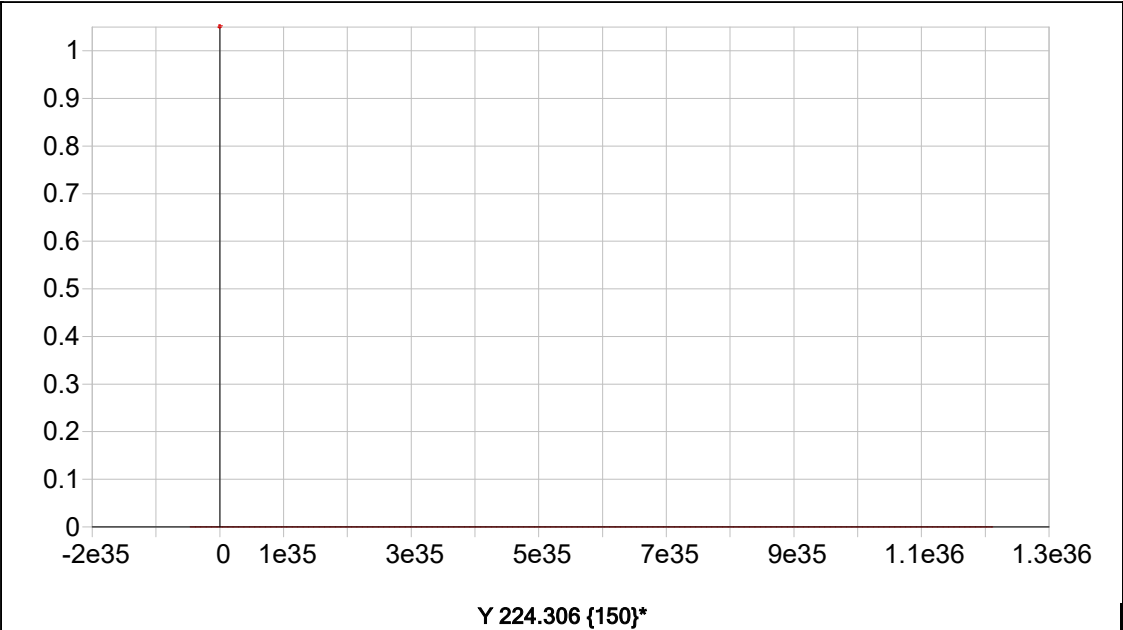


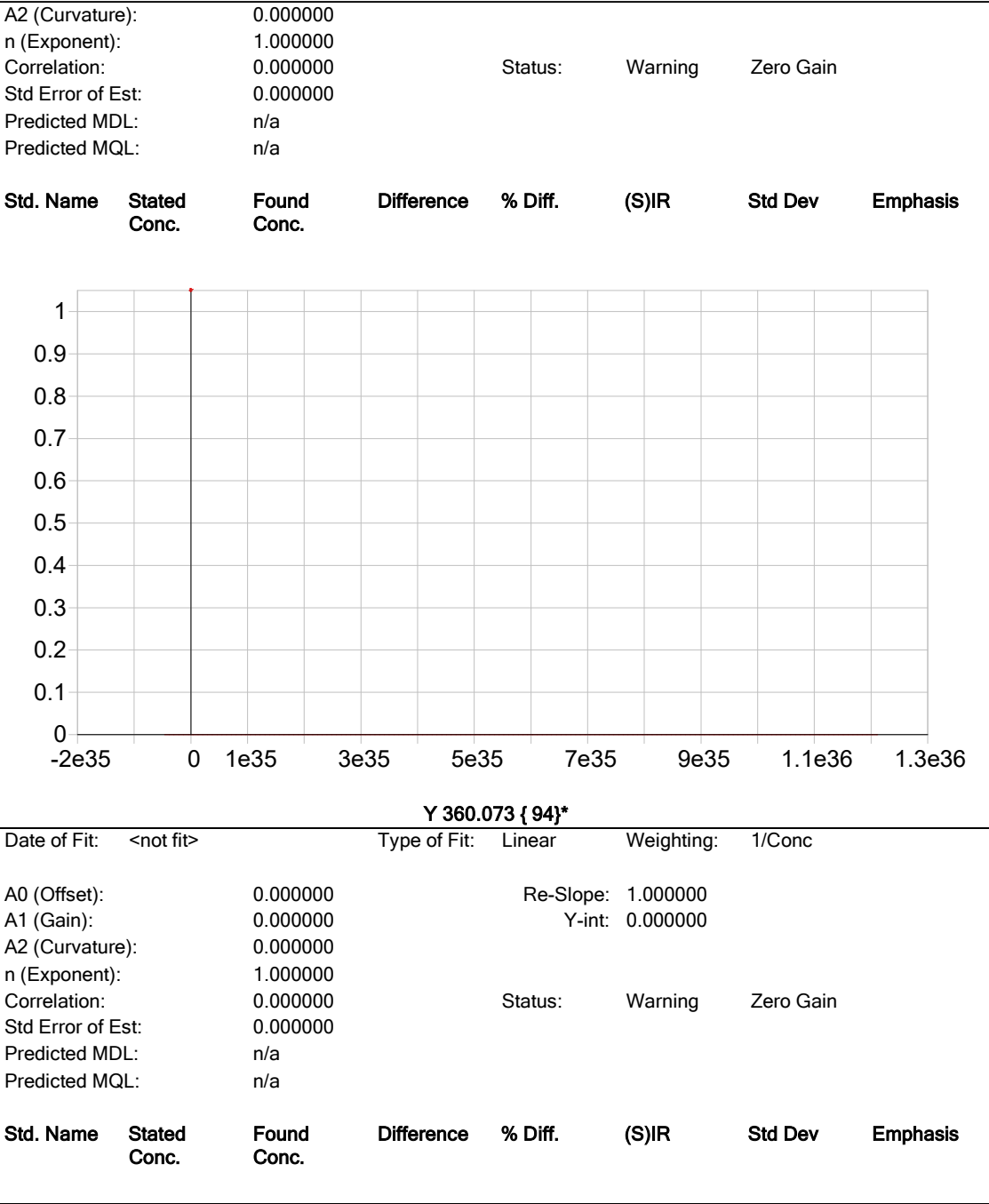
Li 670.784 { 50}

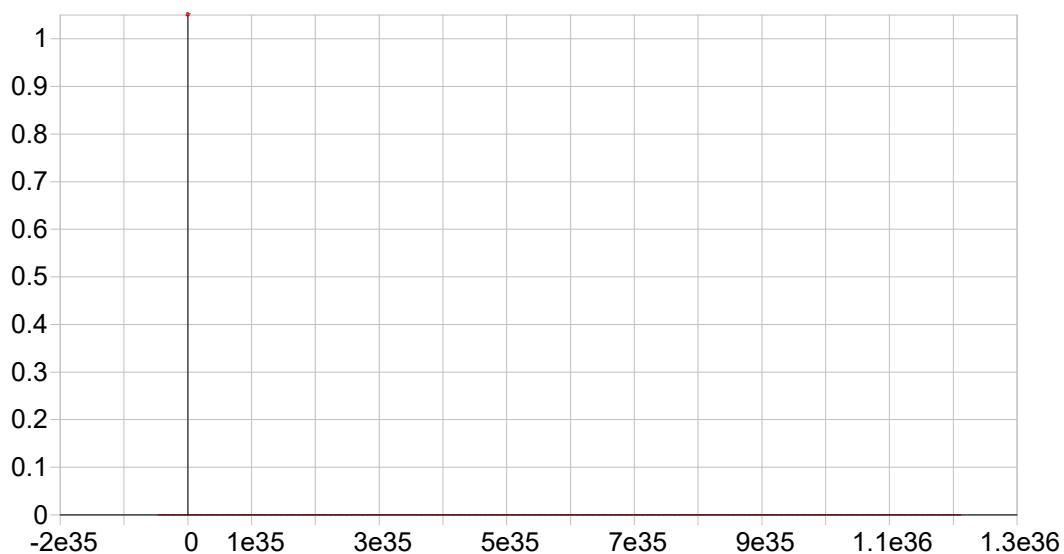
Date of Fit: 09/28/2023 17:23:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006531 Re-Slope: 1.000000
 A1 (Gain): 1.220389 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909 Status: OK.
 Std Error of Est: 0.000387
 Predicted MDL: 0.001973
 Predicted MQL: 0.006576

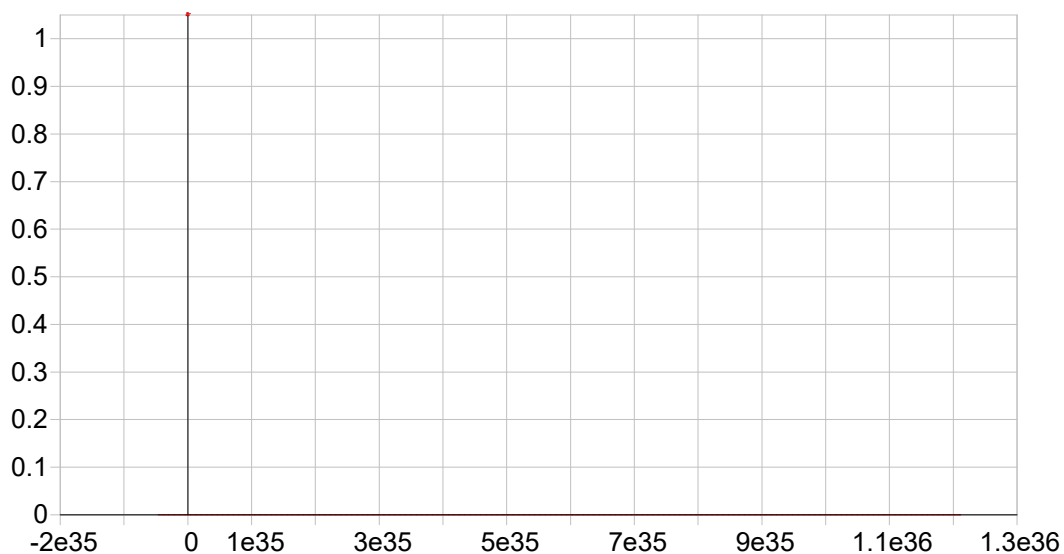
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00653	.004	1
S5	10.000	10.032	.032	.316	12.251	.054	1
S4	5.0000	4.9092	-.091	-1.82	5.9989	.072	1
S3	2.5000	2.5629	.063	2.52	3.1349	.014	1
S1	.02000	.01967	-.000	-1.67	.03056	.001	1
S2	.80000	.79661	-.003	-.424	.97889	.013	1

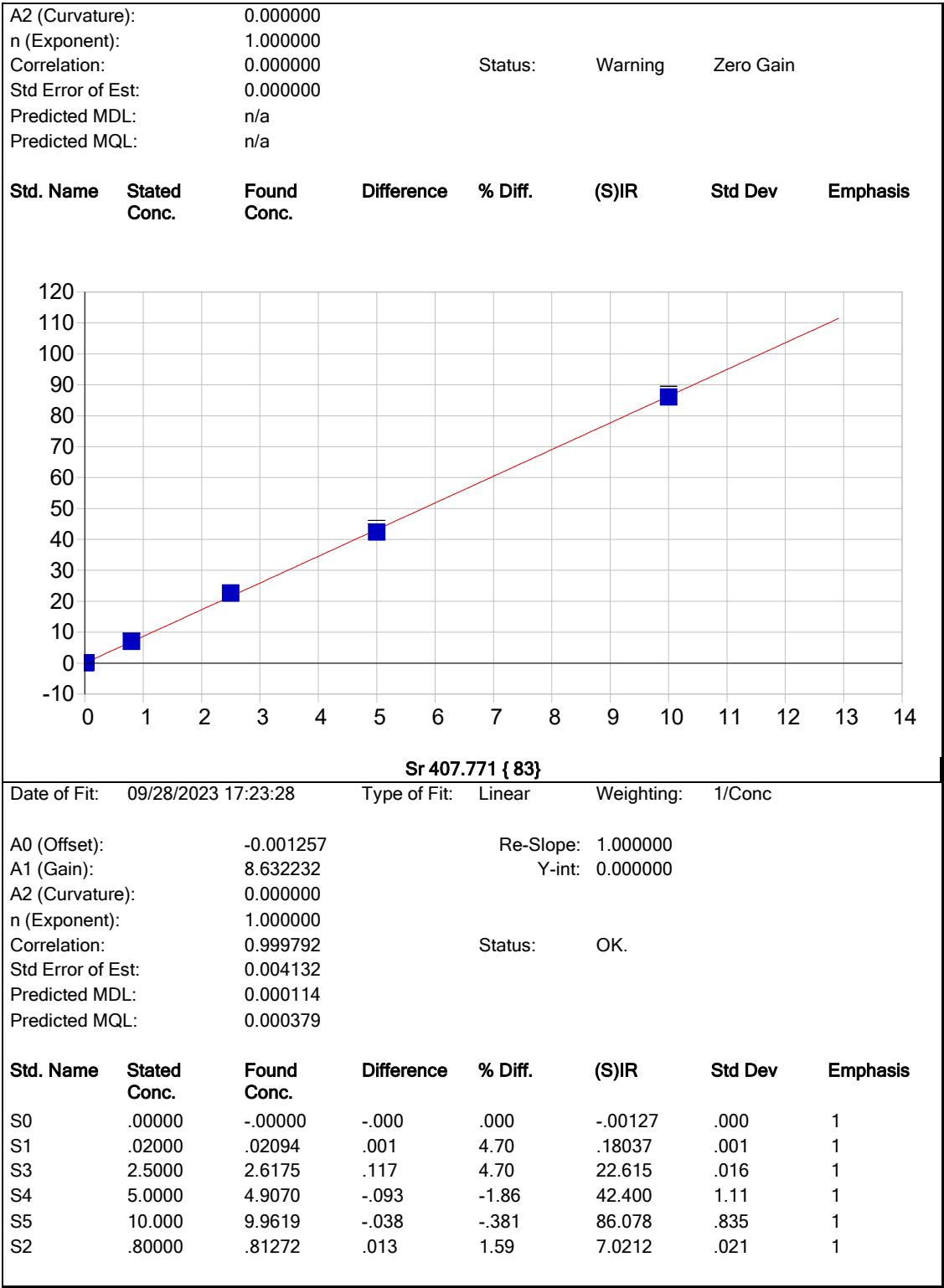






Y 371.030 { 91}*





Sample Name: S0 Acquired: 09/28/2023 14:46:43 Type: Cal
Method: NON EPA-6010-200.7(v169) 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	-.00007	-.00020	-.00026	.00008	.00035	-.00241	.01979	-.00166
Stddev	.00010	.00018	.00038	.00012	.00016	.00097	.00172	.00062
%RSD	148.46	88.212	147.13	154.73	45.980	40.370	8.7032	37.284

#1	-.00017	.00000	-.00068	.00007	.00036	-.00163	.01855	-.00130
#2	.00003	-.00033	-.00012	-.00004	.00051	-.00210	.01907	-.00130
#3	-.00007	-.00028	.00004	.00021	.00019	-.00350	.02176	-.00237

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	.00076	.00339	.00005	-.00123	.00175	.00035	.00001	-.00008
Stddev	.00014	.00062	.00007	.00021	.00061	.00020	.00021	.00032
%RSD	17.934	18.137	137.96	17.163	34.804	56.701	1786.8	402.75

#1	.00090	.00272	.00001	-.00130	.00105	.00047	.00022	-.00045
#2	.00062	.00392	.00013	-.00100	.00205	.00046	.00001	.00004
#3	.00076	.00353	.00001	-.00140	.00215	.00012	-.00020	.00016

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	-.00238	-.00091	-.01566	-.00010	.00349	.02549	-.00119	.00252
Stddev	.00042	.00008	.00129	.00051	.00119	.00233	.00009	.00025
%RSD	17.739	8.3290	8.2521	529.63	33.998	9.1276	7.2703	9.7730

#1	-.00241	-.00083	-.01506	.00001	.00423	.02329	-.00119	.00225
#2	-.00194	-.00093	-.01479	.00036	.00411	.02525	-.00111	.00274
#3	-.00278	-.00097	-.01715	-.00065	.00212	.02792	-.00128	.00256

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	-.00018	.00015	.00554	.00028	.00315	.00653	-.00127	
Stddev	.00014	.00009	.00027	.00013	.00026	.00377	.00031	
%RSD	76.052	59.658	4.9026	47.283	8.1170	57.769	23.970	

#1	-.00034	.00019	.00541	.00040	.00292	.00416	-.00123	
#2	-.00010	.00020	.00585	.00014	.00310	.01088	-.00160	
#3	-.00010	.00005	.00534	.00031	.00342	.00456	-.00099	

Sample Name: S0 Acquired: 09/28/2023 14:46:43 Type: Cal
Method: NON EPA-6010-200.7(v169) 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	1442.5	1922.5	48447.	5302.5	2171.8
Stddev	18.4	7.0	457.	38.0	5.4
%RSD	1.2783	.36548	.94307	.71647	.24903
#1	1425.7	1915.1	48213.	5346.1	2167.2
#2	1439.6	1929.0	48155.	5276.3	2170.5
#3	1462.2	1923.5	48974.	5285.2	2177.8

Sample Name: S1 Acquired: 09/28/2023 14:50:46 Type: Cal
Method: NON EPA-6010-200.7(v169) 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	.00059	.00233	.00275	.00063	.00619	.00836	.49875	.03242
Stddev	.00010	.00004	.00018	.00016	.00020	.00051	.00343	.00051
%RSD	17.606	1.9238	6.3779	24.671	3.1681	6.0944	.68845	1.5685

#1	.00047	.00238	.00295	.00051	.00623	.00792	.50127	.03226
#2	.00064	.00230	.00268	.00058	.00597	.00892	.50015	.03299
#3	.00066	.00230	.00262	.00080	.00635	.00824	.49484	.03201

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	.01942	.13523	.00185	.02383	.00508	.00350	.00798	.02720
Stddev	.00028	.00106	.00006	.00026	.00061	.00027	.00003	.00025
%RSD	1.4248	.78593	3.4892	1.1068	12.074	7.5956	.31587	.93539

#1	.01969	.13408	.00180	.02384	.00459	.00319	.00797	.02740
#2	.01914	.13544	.00181	.02408	.00576	.00360	.00796	.02692
#3	.01942	.13617	.00192	.02356	.00487	.00370	.00800	.02729

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	.03259	.00125	-.00082	.00483	.07762	.08129	-.00040	.04530
Stddev	.00018	.00004	.00308	.00029	.00085	.00102	.00009	.00070
%RSD	.55987	3.1547	375.11	5.9866	1.0941	1.2505	23.012	1.5474

#1	.03274	.00123	.00224	.00482	.07844	.08239	-.00048	.04561
#2	.03238	.00129	-.00392	.00513	.07674	.08037	-.00030	.04580
#3	.03264	.00122	-.00079	.00455	.07767	.08112	-.00042	.04450

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	.09971	.00046	.19178	.00447	.01850	.03056	.18037	
Stddev	.00038	.00012	.00301	.00022	.00014	.00070	.00110	
%RSD	.37659	26.457	1.5671	4.9038	.76637	2.2776	.60757	

#1	.09934	.00036	.19214	.00449	.01861	.02995	.17923	
#2	.09968	.00059	.19459	.00467	.01855	.03132	.18142	
#3	.10009	.00042	.18861	.00423	.01834	.03040	.18046	

Sample Name: S1 Acquired: 09/28/2023 14:50:46 Type: Cal
Method: NON EPA-6010-200.7(v169) 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	1446.5	1912.7	48400.	5268.8	2144.4
Stddev	19.8	3.0	333.	43.0	2.9
%RSD	1.3674	.15751	.68873	.81604	.13585
#1	1440.3	1912.4	48224.	5249.1	2144.5
#2	1468.6	1915.9	48785.	5239.2	2147.2
#3	1430.6	1909.9	48192.	5318.2	2141.4

Sample Name: S2 Acquired: 09/28/2023 14:54:49 Type: Cal
Method: NON EPA-6010-200.7(v169) 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	.02146	.05302	.19778	.02194	.09498	.17060	7.7190	.22764
Stddev	.00019	.00019	.00075	.00012	.00039	.00168	.0918	.00236
%RSD	.87693	.36333	.38047	.52485	.40578	.98401	1.1890	1.0349

#1	.02132	.05302	.19759	.02204	.09504	.16998	7.7381	.22900
#2	.02167	.05321	.19861	.02197	.09457	.17251	7.7998	.22899
#3	.02138	.05283	.19714	.02181	.09533	.16933	7.6192	.22492

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.2066	.26117	.02907	.33860	.03665	.02561	.15912	.05009
Stddev	.0027	.00243	.00013	.00015	.00059	.00095	.00144	.00003
%RSD	.22426	.93120	.43356	.04496	1.6190	3.6980	.90795	.06386

#1	1.2051	.26152	.02913	.33878	.03699	.02642	.15963	.05010
#2	1.2097	.26340	.02892	.33853	.03700	.02584	.16024	.05006
#3	1.2049	.25858	.02914	.33850	.03597	.02457	.15749	.05012

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	.34734	.04377	.01698	.05040	.74324	.13428	.02953	.33500
Stddev	.00087	.00016	.00088	.00070	.00576	.00131	.00027	.00332
%RSD	.25041	.36246	5.1998	1.3950	.77519	.97263	.90482	.99142

#1	.34653	.04371	.01694	.04973	.74618	.13313	.02922	.33736
#2	.34826	.04365	.01789	.05113	.74693	.13570	.02968	.33644
#3	.34722	.04395	.01613	.05035	.73660	.13401	.02968	.33120

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	.37011	.01447	.39305	.08651	.31248	.97889	7.0212
Stddev	.00024	.00020	.00388	.00016	.00182	.01261	.0215
%RSD	.06607	1.3968	.98803	.18838	.58294	1.2879	.30555

#1	.37001	.01470	.39473	.08667	.31117	.98455	6.9965
#2	.36993	.01439	.39582	.08634	.31456	.98768	7.0346
#3	.37039	.01432	.38861	.08652	.31170	.96445	7.0325

Sample Name: S2 Acquired: 09/28/2023 14:54:49 Type: Cal
Method: NON EPA-6010-200.7(v169) 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	1453.7	1908.6	48233.	5309.8	2092.3
Stddev	9.6	10.3	53.	64.5	6.2
%RSD	.65947	.53976	.10963	1.2151	.29618
#1	1453.6	1897.7	48256.	5278.6	2085.2
#2	1444.2	1918.2	48270.	5266.8	2096.7
#3	1463.4	1909.8	48172.	5384.0	2094.9

Sample Name: S3 Acquired: 09/28/2023 14:58:44 Type: Cal
Method: NON EPA-6010-200.7(v169) 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	.06937	.16948	.63861	.06967	.30223	.54887	24.878	.73394
Stddev	.00016	.00092	.00253	.00012	.00134	.00296	.088	.00257
%RSD	.23477	.54324	.39549	.16854	.44393	.53961	.35447	.35021

#1	.06935	.17037	.64153	.06976	.30335	.54681	24.779	.73687
#2	.06922	.16853	.63716	.06954	.30074	.55227	24.949	.73211
#3	.06954	.16953	.63715	.06971	.30260	.54754	24.904	.73283

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9010	.83305	.09184	1.1078	.11227	.08051	.50557	.15943
Stddev	.0032	.00540	.00029	.0022	.00140	.00051	.00220	.00110
%RSD	.08234	.64836	.31849	.19733	1.2491	.62985	.43587	.69150

#1	3.9047	.82823	.09217	1.1102	.11214	.08011	.50339	.15946
#2	3.8996	.83889	.09161	1.1073	.11373	.08108	.50780	.16052
#3	3.8987	.83204	.09175	1.1059	.11093	.08034	.50553	.15831

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	1.1266	.14116	.08451	.16046	2.3584	.37975	.10127	1.0788
Stddev	.0011	.00071	.00180	.00104	.0049	.00131	.00055	.0049
%RSD	.09851	.50189	2.1286	.64650	.20664	.34471	.53938	.45729

#1	1.1272	.14146	.08636	.16010	2.3570	.37825	.10159	1.0806
#2	1.1254	.14035	.08277	.16163	2.3638	.38065	.10063	1.0732
#3	1.1274	.14167	.08440	.15965	2.3544	.38036	.10158	1.0825

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	1.1778	.04845	1.2504	.28145	.98860	3.1349	22.615	
Stddev	.0022	.00016	.0088	.00055	.00630	.0136	.016	
%RSD	.18518	.33690	.70659	.19649	.63688	.43296	.07242	

#1	1.1778	.04863	1.2509	.28085	.98506	3.1216	22.627	
#2	1.1756	.04831	1.2413	.28155	.99587	3.1344	22.596	
#3	1.1800	.04840	1.2589	.28194	.98486	3.1487	22.622	

Sample Name: S3 Acquired: 09/28/2023 14:58:44 Type: Cal
Method: NON EPA-6010-200.7(v169) 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	1424.2	1884.7	47382.	5207.3	1990.3
Stddev	9.6	6.1	40.	3.7	8.0
%RSD	.67642	.32106	.08475	.07017	.40245
#1	1430.3	1877.7	47373.	5203.1	1981.1
#2	1413.1	1888.7	47347.	5209.4	1994.5
#3	1429.3	1887.7	47426.	5209.4	1995.4

Sample Name: S4 Acquired: 09/28/2023 15:02:34 Type: Cal
Method: NON EPA-6010-200.7(v169) 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	.13490	.33198	1.2602	.13474	.58531	1.0525	47.752	1.3708
Stddev	.00032	.00075	.0025	.00015	.00178	.0049	.430	.0255
%RSD	.23625	.22709	.19581	.10922	.30387	.46239	.89974	1.8633

#1	.13516	.33272	1.2575	.13460	.58511	1.0477	47.268	1.3496
#2	.13499	.33121	1.2607	.13473	.58365	1.0524	47.897	1.3637
#3	.13454	.33202	1.2624	.13489	.58719	1.0575	48.090	1.3992

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	7.6486	1.5858	.17561	2.1615	.21209	.15281	.96411	.30404
Stddev	.0075	.0172	.00052	.0052	.00109	.00103	.00991	.00239
%RSD	.09784	1.0849	.29879	.23876	.51166	.67449	1.0282	.78568

#1	7.6413	1.5667	.17551	2.1587	.21122	.15164	.95287	.30129
#2	7.6482	1.5905	.17515	2.1583	.21173	.15325	.96784	.30531
#3	7.6562	1.6001	.17618	2.1675	.21331	.15356	.97161	.30553

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.1889	.27137	.17564	.31022	4.4537	.70895	.20318	2.0344
Stddev	.0038	.00113	.00237	.00273	.0147	.00702	.00043	.0393
%RSD	.17206	.41610	1.3517	.87914	.32957	.99049	.21115	1.9309

#1	2.1915	.27081	.17838	.30720	4.4701	.70137	.20359	2.0016
#2	2.1846	.27063	.17418	.31097	4.4490	.71027	.20273	2.0237
#3	2.1907	.27267	.17436	.31250	4.4419	.71522	.20321	2.0780

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	2.2664	.09678	2.4124	.55255	1.9012	5.9989	42.400	
Stddev	.0059	.00018	.0543	.00049	.0079	.0720	1.110	
%RSD	.26161	.18666	2.2513	.08852	.41686	1.2009	2.6173	

#1	2.2647	.09696	2.3643	.55272	1.8933	5.9197	41.126	
#2	2.2614	.09660	2.4015	.55293	1.9013	6.0166	42.919	
#3	2.2729	.09677	2.4713	.55200	1.9091	6.0605	43.156	

Sample Name: S4 Acquired: 09/28/2023 15:02:34 Type: Cal
Method: NON EPA-6010-200.7(v169) 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	1399.1	1860.1	46476.	5247.9	1911.3
Stddev	11.0	2.6	105.	69.5	.9
%RSD	.78359	.13827	.22613	1.3244	.04726
#1	1387.0	1859.6	46370.	5303.4	1912.3
#2	1402.0	1862.9	46479.	5270.3	1911.3
#3	1408.3	1857.9	46580.	5169.9	1910.5

Sample Name: S5 Acquired: 09/28/2023 15:06:30 Type: Cal
Method: NON EPA-6010-200.7(v169) 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	.27294	.65780	2.5797	.26961	1.1825	2.1311	95.543	2.7182
Stddev	.00076	.00090	.0057	.00024	.0006	.0124	1.418	.0068
%RSD	.27924	.13658	.22057	.08903	.05244	.58421	1.4838	.24929

#1	.27218	.65793	2.5812	.26939	1.1820	2.1175	93.998	2.7181
#2	.27370	.65685	2.5735	.26956	1.1832	2.1340	96.783	2.7115
#3	.27293	.65863	2.5846	.26987	1.1825	2.1419	95.849	2.7250

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	15.657	3.1773	.34865	4.4368	.42477	.30491	1.9256	.61216
Stddev	.029	.0151	.00030	.0092	.00191	.00109	.0163	.00362
%RSD	.18453	.47422	.08721	.20643	.45036	.35601	.84509	.59176

#1	15.664	3.1680	.34900	4.4345	.42302	.30418	1.9154	.60876
#2	15.626	3.1692	.34846	4.4290	.42447	.30439	1.9171	.61173
#3	15.682	3.1947	.34849	4.4469	.42681	.30616	1.9444	.61597

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.4762	.54535	.36774	.62311	8.8091	1.4018	.41567	4.0555
Stddev	.0062	.00089	.00362	.00403	.0280	.0029	.00021	.0057
%RSD	.13899	.16351	.98510	.64717	.31825	.20846	.05167	.14016

#1	4.4726	.54625	.36470	.61891	8.8261	1.3991	.41549	4.0531
#2	4.4727	.54447	.36677	.62345	8.7768	1.4016	.41591	4.0515
#3	4.4834	.54534	.37174	.62696	8.8246	1.4049	.41561	4.0620

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	4.5180	.19996	4.8656	1.1269	3.8139	12.251	86.078	
Stddev	.0079	.00076	.0218	.0019	.0228	.054	.835	
%RSD	.17571	.37793	.44801	.16793	.59789	.44113	.96971	

#1	4.5132	.19958	4.8573	1.1277	3.7888	12.234	86.085	
#2	4.5136	.20083	4.8491	1.1248	3.8196	12.208	85.240	
#3	4.5271	.19947	4.8903	1.1283	3.8333	12.312	86.909	

Sample Name: S5 Acquired: 09/28/2023 15:06:30 Type: Cal
Method: NON EPA-6010-200.7(v169) 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	1364.5	1794.7	45298.	5166.8	1782.9
Stddev	8.7	3.7	188.	15.8	2.6
%RSD	.63412	.20716	.41573	.30633	.14671
#1	1354.7	1798.7	45094.	5148.6	1785.8
#2	1371.1	1791.4	45332.	5177.1	1780.7
#3	1367.7	1793.9	45466.	5174.8	1782.1

Sample Name: ICV01 Acquired: 09/28/2023 15:10:32 Type: Unk
Method: NON EPA-6010-200.7(v169) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.024574	1.023796	.9991515	1.027522	.9610584	2.563370	.5116308
Stddev	.007565	.008544	.0051288	.003289	.0030099	.025236	.0064682
%RSD	.7383594	.8345170	.5133162	.3201017	.3131873	.9844975	1.264223

#1	1.032873	1.025180	.9955581	1.027151	.9620352	2.534874	.5049398
#2	1.018063	1.014645	.9968715	1.030981	.9576814	2.582897	.5178503
#3	1.022787	1.031564	1.005025	1.024434	.9634585	2.572338	.5121024

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5068360	.4994595	9.961746	.5166969	.4990040	.5228505	10.37559
Stddev	.0047149	.0007586	.129690	.0008956	.0013902	.0042579	.12738
%RSD	.9302720	.1518803	1.301877	.1733364	.2786011	.8143647	1.227708

#1	.5018174	.4991802	9.818951	.5160945	.4982563	.5181710	10.22977
#2	.5075174	.4988801	10.07222	.5162702	.4981475	.5264966	10.46520
#3	.5111731	.5003181	9.99407	.5177261	.5006080	.5238839	10.43180

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5236879	5.953119	.5014534	.2363985	10.07840	.4803283	1.014460
Stddev	.0086183	.080399	.0016713	.0008206	.26313	.0069087	.004030
%RSD	1.645699	1.350532	.3332873	.3471408	2.610789	1.438331	.3972221

#1	.5139427	5.907296	.5010505	.2363930	10.16688	.4724467	1.014351
#2	.5303065	6.045953	.5000205	.2355807	10.28589	.4832012	1.010486
#3	.5268145	5.906109	.5032893	.2372219	9.78244	.4853370	1.018543

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.620523	2.339024	2.426341	2.461909	2.350503	2.272606	2.355917
Stddev	.120603	.014826	.021463	.009636	.006686	.027581	.005708
%RSD	1.253605	.6338369	.8845819	.3914063	.2844342	1.213638	.2422661

#1	9.488649	2.338732	2.402810	2.467162	2.358208	2.241295	2.350926
#2	9.647704	2.324346	2.431373	2.450788	2.346246	2.283219	2.354685
#3	9.725216	2.353992	2.444842	2.467777	2.347054	2.293305	2.362140

Sample Name: ICV01 Acquired: 09/28/2023 15:10:32 Type: Unk
Method: NON EPA-6010-200.7(v169) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.445887	2.467121	2.507151
Stddev	.022899	.033246	.010310
%RSD	.9362249	1.347555	.4112208

#1	2.420874	2.432154	2.495246
#2	2.465818	2.498325	2.513072
#3	2.450968	2.470884	2.513135

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1402.167	1878.367	47257.78	5259.261	2016.885
Stddev	2.390	5.672	36.37	42.126	1.881
%RSD	.1704623	.3019624	.0769649	.8009826	.0932634

#1	1400.930	1872.041	47237.58	5306.354	2017.895
#2	1400.649	1882.999	47235.99	5246.265	2018.047
#3	1404.922	1880.060	47299.77	5225.165	2014.715

Sample Name: ICB01 Acquired: 09/28/2023 15:23:20 Type: Unk
Method: NON EPA-6010-200.7(v169) 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	-.001648	-.000210	.0003606	.0003114	-.000134	.0042805	.0003726
Stddev	.002821	.001036	.0004538	.0035752	.001649	.0099440	.0003327
%RSD	171.1155	493.2234	125.8315	1148.236	1232.950	232.3086	89.30425

#1	.000737	.000281	.0008737	.0036653	.000264	.0026720	.0003268
#2	-.004762	.000489	.0001963	-.003450	.001280	.0149308	.0000651
#3	-.000920	-.001400	.0000119	.000719	-.001945	-.004761	.0007258

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000468	.0000026	-.012156	-.000151	-.000010	.0003861	-.005389
Stddev	.0000784	.0000533	.008105	.000264	.000027	.0034344	.015803
%RSD	167.3947	2029.914	66.67743	174.7470	262.5625	889.3802	293.2559

#1	.0000767	-.000002	-.019044	.000137	-.000022	.0004386	-.022735
#2	.0001060	.000058	-.003225	-.000382	-.000029	-.003074	-.001622
#3	-.000042	-.000048	-.014198	-.000209	.000020	.003794	.008190

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000584	-.009317	.0008718	-.000059	-.233597	.0006641	-.000867
Stddev	.000599	.018918	.0004713	.000180	.085672	.0029028	.000448
%RSD	102.5267	203.0475	54.06307	306.3267	36.67532	437.1331	51.71642

#1	-.001267	.012464	.0010397	.000144	-.165648	.0008521	-.000741
#2	-.000149	-.021646	.0003395	-.000120	-.205306	.0034683	-.001365
#3	-.000337	-.018769	.0012362	-.000200	-.329837	-.002328	-.000495

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.179150	-.000910	.0040079	.0000652	.0003685	.0004324	.0000060
Stddev	.066574	.004931	.0018484	.0003038	.0054215	.0005178	.0015263
%RSD	37.16087	541.7442	46.11892	466.0750	1471.183	119.7475	25529.99

#1	-.112122	-.003050	.0045018	.0003711	.0066210	.0002481	-.000076
#2	-.245260	.004730	.0055592	-.000236	-.002488	.0010172	.001572
#3	-.180068	-.004410	.0019627	.000061	-.003028	.0000320	-.001478

Sample Name: ICB01 Acquired: 09/28/2023 15:23:20 Type: Unk
Method: NON EPA-6010-200.7(v169) 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	.0022559	-.003148	-.000056
Stddev	.0023655	.000726	.000080
%RSD	104.8580	23.06021	142.4398

#1	-.000337	-.003381	.000036
#2	.002809	-.003728	-.000108
#3	.004296	-.002334	-.000097

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1414.233	1917.447	47401.89	5116.107	2141.190
Stddev	9.633	2.954	324.21	40.466	1.950
%RSD	.6811159	.1540593	.6839664	.7909628	.0910737

#1	1403.179	1918.118	47228.00	5074.750	2140.735
#2	1420.833	1914.215	47775.95	5117.950	2139.508
#3	1418.686	1920.007	47201.73	5155.620	2143.328

Sample Name: ICSA01 Acquired: 09/28/2023 15:31:27 Type: Unk
Method: NON EPA-6010-200.7(v169) 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	.0070781	-.008227	-.002179	-.005857	.0034489	266.3503
Stddev	.0054612	.001666	.001371	.015979	.0042251	1.2001
%RSD	77.15617	20.24553	62.94513	272.8252	122.5055	.4505588

#1	.0019126	-.006359	-.001070	.006551	.0013933	265.4069
#2	.0127934	-.009557	-.001754	-.000234	.0006450	267.7010
#3	.0065282	-.008766	-.003712	-.023887	.0083085	265.9431

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066993	.0010125	.0000158	254.3896	.0474247	-.002145
Stddev	.0001074	.0000431	.0002751	1.2037	.0008344	.000262
%RSD	1.603453	4.260836	1736.887	.4731750	1.759422	12.22364

#1	.0065835	.0009907	.0002914	254.7337	.0467366	-.002431
#2	.0067188	.0010622	.0000149	255.3838	.0471848	-.002089
#3	.0067957	.0009846	-.000259	253.0513	.0483528	-.001916

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005121	102.5852	.0115121	264.1719	.0012044	-.003580
Stddev	.001537	.4476	.0003392	.6623	.0001247	.000241
%RSD	30.01931	.4362798	2.946382	.2506911	10.35496	6.730028

#1	-.006541	103.0365	.0116824	263.8418	.0012863	-.003349
#2	-.005333	102.5774	.0111215	264.9343	.0010609	-.003830
#3	-.003489	102.1415	.0117324	263.7396	.0012662	-.003560

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1982971	-.002461	-.000872	-.204153	-.011012	.0979668
Stddev	.3383219	.002991	.000415	.011297	.001224	.0020069
%RSD	170.6137	121.5587	47.58577	5.533663	11.11908	2.048499

#1	.3404986	-.004247	-.001350	-.195009	-.012426	.1002760
#2	-.187916	.000993	-.000668	-.200668	-.010334	.0969803
#3	.442309	-.004128	-.000599	-.216782	-.010277	.0966442

Sample Name: ICSA01 Acquired: 09/28/2023 15:31:27 Type: Unk
Method: NON EPA-6010-200.7(v169) 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	-.001938	-.018286	-.003523	-.007420	-.000938	F -.021822
Stddev	.000330	.008893	.001280	.002814	.001783	.000280
%RSD	17.00618	48.63419	36.33853	37.92079	190.0970	1.285141

#1	-.002303	-.014702	-.003959	-.007914	.000999	-.021643
#2	-.001662	-.011744	-.002081	-.004392	-.001301	-.022145
#3	-.001850	-.028412	-.004528	-.009954	-.002512	-.021678

Elem	Sr4077
Units	ppm
Avg	.0011707
Stddev	.0006756
%RSD	57.71166

#1	.0004387
#2	.0013030
#3	.0017704

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1277.832	1729.827	42830.94	4952.425	1675.302
Stddev	9.117	5.505	126.16	38.837	4.745
%RSD	.7134626	.3182654	.2945431	.7841970	.2832602

#1	1274.201	1723.617	42838.71	4908.262	1669.914
#2	1271.090	1731.756	42701.09	4967.760	1678.860
#3	1288.205	1734.109	42953.04	4981.253	1677.133

Sample Name: ICSAB01 Acquired: 09/28/2023 15:37:55 Type: Unk
Method: NON EPA-6010-200.7(v169) 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	.1022336	.1092793	.0515062	.0526779	.6161806	264.2573	.5352935
Stddev	.0015787	.0021399	.0007370	.0036525	.0079180	3.2374	.0105178
%RSD	1.544175	1.958159	1.430950	6.933644	1.285011	1.225078	1.964860

#1	.1031783	.1078603	.0519325	.0563166	.6150805	260.6206	.5232186
#2	.1031114	.1082370	.0519309	.0490117	.6088702	265.3265	.5402037
#3	.1004111	.1117406	.0506551	.0527055	.6245911	266.8248	.5424582

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5187257	1.024329	251.1992	.5486078	.5001277	.5005172	101.4739
Stddev	.0072451	.000056	4.1219	.0021981	.0007393	.0059712	1.1499
%RSD	1.396715	.0054883	1.640889	.4006757	.1478214	1.193002	1.133240

#1	.5103607	1.024304	246.4819	.5486996	.5001714	.4971353	100.1777
#2	.5230147	1.024393	253.0096	.5463652	.4993675	.4970046	101.8729
#3	.5228018	1.024289	254.1061	.5507586	.5008442	.5074117	102.3713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5245656	260.9395	.9926390	.2040808	.0536856	.5043446	1.039403
Stddev	.0106584	3.8699	.0004805	.0002422	.1491088	.0046061	.005904
%RSD	2.031842	1.483047	.0484041	.1186596	277.7446	.9132935	.5680310

#1	.5128791	256.5489	.9930047	.2038370	-.005060	.4993836	1.045325
#2	.5270668	262.4153	.9920948	.2040840	-.057103	.5084857	1.039369
#3	.5337510	263.8543	.9928176	.2043213	.223219	.5051644	1.033516

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.328170	1.024719	1.076317	.9748914	1.075299	.8887562	.9988885
Stddev	.079486	.007098	.011573	.0039974	.011340	.0105393	.0061487
%RSD	24.22096	.6926892	1.075210	.4100305	1.054582	1.185843	.6155498

#1	-.392256	1.020054	1.062961	.9713552	1.066503	.8767920	1.002542
#2	-.353027	1.021215	1.083381	.9740903	1.071296	.8966670	1.002334
#3	-.239226	1.032888	1.082609	.9792286	1.088097	.8928096	.991790

Sample Name: ICSAB01 Acquired: 09/28/2023 15:37:55 Type: Unk
Method: NON EPA-6010-200.7(v169) 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	1.000057	1.055006	1.020604
Stddev	.015042	.019640	.003911
%RSD	1.504109	1.861591	.3831750

#1	.983246	1.032450	1.016164
#2	1.004684	1.064252	1.022111
#3	1.012242	1.068317	1.023537

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1269.798	1724.351	42854.33	4977.447	1669.138
Stddev	13.831	1.841	216.06	49.583	1.897
%RSD	1.089247	.1067532	.5041773	.9961499	.1136469

#1	1258.814	1725.652	42614.56	5026.475	1667.201
#2	1265.248	1725.157	42914.47	4927.327	1670.993
#3	1285.331	1722.245	43033.94	4978.540	1669.219

Sample Name: CRI01 Acquired: 09/28/2023 15:41:44 Type: Unk
Method: NON EPA-6010-200.7(v169) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200814	.0397558	.0129571	.0140105	.0507082	.1034808	.1055427
Stddev	.0040679	.0008197	.0005979	.0111145	.0009416	.0043857	.0003182
%RSD	20.25724	2.061795	4.614447	79.32989	1.856857	4.238164	.3014967

#1	.0153871	.0396935	.0127510	.0268105	.0500426	.0984884	.1058829
#2	.0225736	.0406048	.0136308	.0068031	.0502964	.1052413	.1054929
#3	.0222833	.0389690	.0124895	.0084178	.0517855	.1067126	.1052524

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062075	.0059475	2.117309	.0098446	.0285899	.0204500	.1002734
Stddev	.0001273	.0000858	.014986	.0001987	.0003718	.0037461	.0091954
%RSD	2.051359	1.442279	.7077843	2.018343	1.300308	18.31851	9.170295

#1	.0060769	.0059651	2.132695	.0096385	.0281608	.0234197	.1108867
#2	.0062143	.0058543	2.116474	.0098605	.0287936	.0216889	.0946963
#3	.0063313	.0060231	2.102758	.0100349	.0288152	.0162413	.0952372

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212530	2.216368	.0389055	.0103445	2.023618	.0363896	.0414835
Stddev	.0008199	.038471	.0006080	.0006397	.185677	.0017845	.0002729
%RSD	3.858050	1.735763	1.562689	6.183926	9.175505	4.903914	.6579584

#1	.0221655	2.193780	.0382035	.0105932	2.113171	.0381734	.0411733
#2	.0205780	2.260788	.0392594	.0096178	2.147545	.0363910	.0416872
#3	.0210154	2.194534	.0392537	.0108225	1.810137	.0346044	.0415899

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.854872	.0141148	.1055437	.2145114	.0163073	.3919784	.0365822
Stddev	.085770	.0022656	.0008007	.0002478	.0025626	.0046235	.0017674
%RSD	4.624015	16.05104	.7586625	.1155278	15.71433	1.179523	4.831255

#1	1.893831	.0128876	.1064422	.2146979	.0183675	.3951936	.0350088
#2	1.756537	.0167292	.1049055	.2142302	.0134378	.3866798	.0384945
#3	1.914247	.0127275	.1052834	.2146063	.0171166	.3940618	.0362434

Sample Name: CRI01 Acquired: 09/28/2023 15:41:44 Type: Unk
Method: NON EPA-6010-200.7(v169) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0411396	.0156677	.0209056
Stddev	.0012360	.0007027	.0000307
%RSD	3.004470	4.485066	.1468245

#1	.0397370	.0161590	.0208955
#2	.0416120	.0148628	.0208812
#3	.0420698	.0159814	.0209400

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1394.273	1909.406	47046.90	5089.147	2107.308
Stddev	15.822	3.299	343.98	18.993	2.773
%RSD	1.134759	.1727747	.7311533	.3731996	.1315802

#1	1382.758	1911.202	46739.88	5067.980	2105.096
#2	1387.747	1911.419	46982.17	5104.700	2106.409
#3	1412.313	1905.599	47418.65	5094.760	2110.419

Sample Name: CCV01 Acquired: 09/28/2023 15:45:48 Type: Unk
Method: NON EPA-6010-200.7(v169) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.955672	4.996722	4.976997	4.917307	4.925722	10.06317	10.36253
Stddev	.018530	.027058	.013645	.006932	.010096	.00764	.05789
%RSD	.3739049	.5415174	.2741636	.1409639	.2049636	.0758848	.5586704

#1	4.942774	4.968078	4.962348	4.920901	4.919469	10.06777	10.42911
#2	4.947337	5.000236	4.979295	4.909317	4.937369	10.05436	10.33448
#3	4.976905	5.021851	4.989346	4.921703	4.920328	10.06739	10.32401

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2523238	2.434032	25.33451	.9913828	2.450571	1.262494	5.018375
Stddev	.0006319	.004183	.10948	.0049235	.003856	.002451	.058401
%RSD	.2504487	.1718378	.4321554	.4966288	.1573685	.1941449	1.163742

#1	.2526295	2.431462	25.45049	.9937624	2.446336	1.265114	5.084033
#2	.2515971	2.431775	25.32008	.9946644	2.453879	1.260258	4.998865
#3	.2527447	2.438858	25.23295	.9857215	2.451499	1.262108	4.972227

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.564966	25.14301	2.453892	1.259037	25.31415	2.545568	2.474432
Stddev	.008887	.01490	.000151	.011009	.22951	.009675	.015305
%RSD	.3464745	.0592443	.0061539	.8744069	.9066600	.3800886	.6185219

#1	2.574543	25.12599	2.454008	1.267687	25.55415	2.556162	2.461492
#2	2.563370	25.15366	2.453721	1.262781	25.09680	2.537199	2.491326
#3	2.556986	25.14938	2.453946	1.246645	25.29152	2.543343	2.470480

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.92777	4.904064	5.064417	4.945898	4.857075	5.035608	4.871390
Stddev	.09182	.033162	.021774	.011511	.016821	.011721	.017955
%RSD	.3683477	.6762166	.4299427	.2327409	.3463262	.2327643	.3685846

#1	25.03379	4.867277	5.085950	4.937465	4.842237	5.047038	4.864161
#2	24.87563	4.931663	5.064891	4.941216	4.853639	5.036170	4.858175
#3	24.87388	4.913251	5.042409	4.959012	4.875349	5.023616	4.891833

Sample Name: CCV01 Acquired: 09/28/2023 15:45:48 Type: Unk
Method: NON EPA-6010-200.7(v169) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.038925	5.144176	4.990314
Stddev	.016682	.016957	.032133
%RSD	.3310661	.3296318	.6439171

#1	5.058077	5.162364	4.984177
#2	5.031136	5.141362	4.961691
#3	5.027562	5.128802	5.025073

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1366.904	1837.061	45646.75	5065.937	1881.559
Stddev	12.106	4.202	322.22	21.625	3.228
%RSD	.8856332	.2287153	.7059076	.4268616	.1715577

#1	1374.427	1834.234	45579.37	5058.603	1881.009
#2	1352.939	1841.889	45363.54	5048.934	1885.027
#3	1373.345	1835.060	45997.33	5090.275	1878.642

Sample Name: LLCCV01 Acquired: 09/28/2023 15:49:45 Type: Unk
Method: NON EPA-6010-200.7(v169) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169631	.0395611	.0122240	.0186451	.0483685	.1015426	.1064015
Stddev	.0027847	.0008875	.0014199	.0028776	.0025994	.0100070	.0009732
%RSD	16.41599	2.243465	11.61557	15.43351	5.374109	9.854980	.9146854

#1	.0200050	.0396395	.0113021	.0218986	.0489884	.1001298	.1075190
#2	.0163446	.0404068	.0115108	.0164338	.0455153	.0923171	.1059461
#3	.0145397	.0386369	.0138591	.0176029	.0506020	.1121809	.1057395

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062044	.0059222	2.124980	.0099625	.0282744	.0231803	.1047744
Stddev	.0000139	.0000942	.010539	.0005430	.0006104	.0021217	.0046121
%RSD	.2242532	1.590362	.4959450	5.450168	2.158696	9.153050	4.401931

#1	.0061988	.0058250	2.135042	.0103246	.0280117	.0253564	.1075090
#2	.0061941	.0059286	2.114022	.0093382	.0278394	.0230670	.0994495
#3	.0062202	.0060130	2.125875	.0102247	.0289721	.0211176	.1073647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218408	2.182604	.0385502	.0101015	1.858300	.0351262	.0405252
Stddev	.0000927	.028451	.0003025	.0001335	.238054	.0020067	.0001310
%RSD	.4244373	1.303534	.7846671	1.321918	12.81029	5.712978	.3232151

#1	.0217467	2.212780	.0388987	.0101051	1.937960	.0365170	.0403954
#2	.0218437	2.178764	.0383565	.0099662	2.046309	.0360359	.0405227
#3	.0219320	2.156268	.0383953	.0102332	1.590632	.0328257	.0406574

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.885873	.0160175	.1135809	.2143242	.0175968	.3986613	.0381210
Stddev	.007659	.0012916	.0017462	.0013988	.0106211	.0069084	.0018088
%RSD	.4061364	8.063701	1.537413	.6526706	60.35809	1.732910	4.744840

#1	1.879639	.0153697	.1154772	.2156585	.0290986	.4066368	.0389166
#2	1.883556	.0151780	.1120391	.2128688	.0081595	.3948166	.0393956
#3	1.894423	.0175048	.1132264	.2144453	.0155323	.3945306	.0360508

Sample Name: LLCCV01 Acquired: 09/28/2023 15:49:45 Type: Unk
Method: NON EPA-6010-200.7(v169) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0423211	.0168655	.0210110
Stddev	.0016028	.0017920	.0000652
%RSD	3.787197	10.62515	.3103160

#1	.0411395	.0147969	.0209357
#2	.0441455	.0179449	.0210488
#3	.0416784	.0178545	.0210484

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1404.837	1910.292	47268.48	5082.200	2115.454
Stddev	6.982	8.620	105.15	41.807	8.186
%RSD	.4969717	.4512201	.2224582	.8226223	.3869553

#1	1410.645	1903.006	47280.55	5038.670	2108.622
#2	1406.774	1919.807	47367.08	5122.040	2124.527
#3	1397.091	1908.062	47157.82	5085.890	2113.212

Sample Name: CCB01 Acquired: 09/28/2023 15:53:51 Type: Unk
Method: NON EPA-6010-200.7(v169) 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	-.001305	.0005370	-.000420	-.000101	-.001225	.0034753	.0007060
Stddev	.006451	.0017813	.002133	.004681	.001284	.0072835	.0000565
%RSD	494.2942	331.6849	508.2174	4645.211	104.8144	209.5781	8.003151

#1	-.006547	-.001518	-.000802	.002887	-.002517	.0118824	.0007531
#2	.005899	.001628	-.002336	-.005495	-.001212	-.000529	.0006433
#3	-.003266	.001501	.001879	.002306	.000052	-.000927	.0007215

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000247	.0000546	-.008868	.0000431	.0001706	-.000571	-.000356
Stddev	.0000516	.0000844	.005063	.0003666	.0001135	.002103	.008332
%RSD	209.2434	154.5225	57.09064	851.1510	66.53679	368.4356	2339.388

#1	.0000803	.0001516	-.014034	.0004313	.0002729	-.000584	.008067
#2	-.000022	.0000150	-.003916	-.000297	.0000485	-.002666	-.008595
#3	.000015	-.000003	-.008653	-.000005	.0001905	.001539	-.000540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000212	-.002009	.0004003	.0002244	-.064181	-.003339	-.000929
Stddev	.000152	.003988	.0003199	.0002633	.219992	.001676	.000512
%RSD	71.53481	198.5395	79.91858	117.3253	342.7663	50.17972	55.12013

#1	-.000149	.000763	.0006097	.0002450	.052040	-.001765	-.001426
#2	-.000103	-.000210	.0000321	-.000049	.073324	-.003152	-.000403
#3	-.000386	-.006579	.0005592	.000477	-.317908	-.005100	-.000959

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.242924	.0018306	.0042991	.0002103	.0027249	.0019655	-.000951
Stddev	.016953	.0002527	.0002321	.0002370	.0039739	.0015128	.001534
%RSD	6.978902	13.80410	5.398240	112.7136	145.8380	76.96660	161.2574

#1	-.234717	.0017904	.0043101	-.000002	.0047310	.0005085	.000770
#2	-.231636	.0021011	.0045254	.000466	.0052959	.0035286	-.002173
#3	-.262419	.0016005	.0040617	.000167	-.001852	.0018596	-.001450

Sample Name: CCB01 Acquired: 09/28/2023 15:53:51 Type: Unk
Method: NON EPA-6010-200.7(v169) 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	.0006217	-.004572	-.000049
Stddev	.0007677	.000470	.000073
%RSD	123.4854	10.27572	149.7549

#1	-.000107	-.004126	.000034
#2	.001423	-.005062	-.000075
#3	.000549	-.004527	-.000106

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1397.304	1903.189	47129.07	5023.317	2129.469
Stddev	1.728	3.752	139.27	21.566	5.114
%RSD	.1236549	.1971291	.2954981	.4293236	.2401700

#1	1395.955	1898.973	47226.78	5038.370	2124.623
#2	1399.251	1904.429	47190.82	5032.970	2128.970
#3	1396.706	1906.162	46969.60	4998.610	2134.815

Sample Name: PB154147BL Acquired: 09/28/2023 15:57:56 Type: Unk
Method: NON EPA-6010-200.7(v169) 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	-.002181	-.001189	-.000367	-.000864	-.002388	-.005714	.0009003
Stddev	.005894	.002486	.000703	.003600	.000708	.011280	.0002780
%RSD	270.3013	209.1035	191.5823	416.8194	29.64571	197.4169	30.87874

#1	.002228	.001565	.000434	.003118	-.002223	.002931	.0006085
#2	-.008875	-.003268	-.000880	-.001822	-.003164	-.018474	.0011621
#3	.000106	-.001864	-.000654	-.003887	-.001777	-.001599	.0009304

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000022	.0000412	-.003471	-.000073	.0001259	.0004666	.0000376
Stddev	.000051	.0000640	.008397	.000185	.0003582	.0023607	.0075334
%RSD	233.5092	155.4827	241.9055	254.9123	284.5385	505.9375	20027.65

#1	.000031	.0000869	.002495	.000128	.0003908	.0026437	-.007600
#2	-.000070	.0000686	.000165	-.000236	.0002685	-.002042	.000252
#3	-.000027	-.000032	-.013074	-.000110	-.000282	.000798	.007462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000425	-.001055	.0004824	.0000759	.0503911	-.002226	-.000620
Stddev	.0004474	.039645	.0002412	.0002270	.1676861	.000973	.000494
%RSD	1052.079	3758.007	49.99246	299.2525	332.7693	43.69896	79.71364

#1	-.000429	-.040778	.0007607	-.000156	-.140637	-.001435	-.000094
#2	.000461	-.000899	.0003361	.000087	.173289	-.001932	-.001074
#3	.000096	.038512	.0003503	.000297	.118522	-.003312	-.000692

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.180544	-.001476	.0019167	-.000451	-.001941	.0011137	-.000197
Stddev	.083051	.002137	.0011644	.000577	.007241	.0007580	.001128
%RSD	46.00037	144.8329	60.75061	127.8513	373.0320	68.06159	573.7514

#1	-.093305	.000322	.0012674	-.001034	-.000308	.0007383	.000310
#2	-.189673	-.000911	.0012217	-.000438	.004344	.0006167	-.001489
#3	-.258652	-.003838	.0032611	.000119	-.009860	.0019861	.000590

Sample Name: PB154147BL Acquired: 09/28/2023 15:57:56 Type: Unk
Method: NON EPA-6010-200.7(v169) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008502	-.005533	-.000096
Stddev	.0008976	.001226	.000025
%RSD	105.5645	22.15112	26.41902

#1	.0017862	-.005565	-.000067
#2	.0007678	-.006743	-.000115
#3	-.000003	-.004292	-.000106

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1395.244	1908.803	47130.18	5111.067	2132.831
Stddev	11.651	3.227	286.12	39.478	2.382
%RSD	.8350471	.1690699	.6070801	.7724071	.1116739

#1	1383.397	1912.362	46853.68	5070.010	2135.185
#2	1406.688	1907.982	47425.03	5114.440	2130.423
#3	1395.648	1906.066	47111.81	5148.750	2132.886

Sample Name: PB154147BS Acquired: 09/28/2023 16:02:00 Type: Unk
Method: NON EPA-6010-200.7(v169) 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	.7351885	1.889460	.9385108	1.859307	.7321882	1.925123	.2008145
Stddev	.0036262	.020790	.0063045	.007875	.0024964	.016104	.0023871
%RSD	.4932288	1.100328	.6717603	.4235569	.3409433	.8365339	1.188729

#1	.7322293	1.865492	.9315225	1.852473	.7304903	1.937652	.2022711
#2	.7392335	1.902621	.9402388	1.857529	.7310198	1.930758	.2021129
#3	.7341026	1.900267	.9437712	1.867919	.7350545	1.906958	.1980596

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1953536	.1791937	1.003068	.3817965	.1814356	.3050184	3.033714
Stddev	.0020197	.0006564	.018692	.0011809	.0009964	.0037942	.015423
%RSD	1.033869	.3662957	1.863461	.3092973	.5491739	1.243927	.5083764

#1	.1963240	.1784880	1.022933	.3811271	.1806458	.3041179	3.040436
#2	.1967049	.1793071	1.000445	.3831600	.1811059	.3091819	3.044635
#3	.1930318	.1797860	.985826	.3811023	.1825551	.3017555	3.016071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2019458	1.921804	.4565674	.0705996	3.140824	.2946030	.1975577
Stddev	.0034736	.022822	.0017286	.0003658	.059683	.0074081	.0019534
%RSD	1.720080	1.187506	.3786175	.5180666	1.900222	2.514590	.9887826

#1	.2046263	1.945028	.4554076	.0709957	3.167351	.2906682	.1977450
#2	.2031896	1.899407	.4557404	.0702747	3.182645	.3031482	.1955173
#3	.1980215	1.920979	.4585542	.0705284	3.072476	.2899927	.1994107

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.359359	5.178506	.3015143	.3781988	8.713823	.8977617	.6394320
Stddev	.055601	.043878	.0031380	.0014577	.050515	.0113622	.0036224
%RSD	.5940710	.8473153	1.040734	.3854247	.5797161	1.265613	.5665013

#1	9.415777	5.134120	.3030977	.3765790	8.663462	.9017509	.6361699
#2	9.304612	5.179539	.3035450	.3794048	8.713516	.9065914	.6387958
#3	9.357689	5.221859	.2979001	.3786128	8.764491	.8849429	.6433304

Sample Name: PB154147BS Acquired: 09/28/2023 16:02:00 Type: Unk
Method: NON EPA-6010-200.7(v169) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1967969	.1983963	.1917496
Stddev	.0019833	.0018467	.0003006
%RSD	1.007763	.9308051	.1567471

#1	.1988744	.2005209	.1920535
#2	.1965928	.1974913	.1914525
#3	.1949237	.1971766	.1917428

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1391.756	1901.639	46935.90	5049.279	2090.379
Stddev	11.818	6.215	149.23	42.177	2.665
%RSD	.8491204	.3268156	.3179493	.8352990	.1274970

#1	1385.948	1894.844	46860.69	5018.314	2087.745
#2	1405.354	1903.036	47107.78	5032.208	2093.074
#3	1383.966	1907.036	46839.24	5097.315	2090.318

Sample Name: O3572-01 Acquired: 09/28/2023 16:05:56 Type: Unk
Method: NON EPA-6010-200.7(v169) 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	.0023906	.0105432	.0027230	.0070192	.0098821	.0253467	.0274478
Stddev	.0048699	.0031413	.0018770	.0033460	.0016801	.0040034	.0006749
%RSD	203.7107	29.79438	68.93216	47.66916	17.00090	15.79454	2.458991

#1	.0058846	.0069615	.0019575	.0037797	.0106449	.0248353	.0281329
#2	-.003172	.0128300	.0048618	.0068155	.0079560	.0295812	.0267835
#3	.004459	.0118383	.0013497	.0104624	.0110456	.0216235	.0274271

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015564	.0015042	.5253094	.0025741	.0076588	.0078671	.0275370
Stddev	.0001381	.0001331	.0118126	.0001955	.0001417	.0033306	.0096315
%RSD	8.875351	8.848213	2.248684	7.593342	1.849574	42.33630	34.97673

#1	.0014855	.0013606	.5292572	.0027726	.0077219	.0111693	.0201049
#2	.0017156	.0015287	.5120286	.0023819	.0077580	.0045087	.0384182
#3	.0014682	.0016234	.5346425	.0025678	.0074966	.0079233	.0240878

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052265	.5676604	.0099293	.0023042	.4570349	.0085870	.0097608
Stddev	.0001219	.0078591	.0002139	.0001675	.1171065	.0020446	.0004566
%RSD	2.332655	1.384479	2.153799	7.268880	25.62310	23.80986	4.677605

#1	.0053673	.5743267	.0100429	.0024963	.3578005	.0083121	.0093766
#2	.0051559	.5589947	.0100623	.0021881	.5862029	.0066938	.0096402
#3	.0051563	.5696600	.0096826	.0022283	.4271012	.0107551	.0102655

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3249915	.0028355	.0281998	.0539393	.0057144	.1020022	.0090628
Stddev	.0019511	.0012294	.0013216	.0002721	.0073268	.0014818	.0014397
%RSD	.6003586	43.35649	4.686421	.5043763	128.2172	1.452754	15.88559

#1	.3245690	.0015166	.0286899	.0539315	.0020132	.1033798	.0093234
#2	.3232863	.0039497	.0267033	.0542152	.0141535	.1004344	.0075107
#3	.3271193	.0030403	.0292064	.0536712	.0009765	.1021924	.0103544

Sample Name: O3572-01 Acquired: 09/28/2023 16:05:56 Type: Unk
Method: NON EPA-6010-200.7(v169) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0105121	-.000347	.0053076
Stddev	.0002982	.002788	.0000554
%RSD	2.837150	803.5334	1.043592

#1	.0107447	.000703	.0053700
#2	.0106158	-.003507	.0052643
#3	.0101759	.001764	.0052885

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1401.285	1912.282	47298.29	5083.367	2132.900
Stddev	10.480	3.639	489.35	57.373	3.458
%RSD	.7478714	.1903002	1.034606	1.128633	.1621067

#1	1410.054	1909.905	47781.82	5017.580	2136.199
#2	1389.679	1910.469	46803.32	5123.020	2133.199
#3	1404.123	1916.471	47309.73	5109.500	2129.303

Sample Name: O3572-02 Acquired: 09/28/2023 16:09:58 Type: Unk
Method: NON EPA-6010-200.7(v169) 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	.0166196	.0382604	.0138569	.0216892	.0489037	.0998658
Stddev	.0038523	.0016089	.0002635	.0043265	.0018761	.0030196
%RSD	23.17905	4.205125	1.901304	19.94787	3.836321	3.023640

#1	.0190135	.0397367	.0135533	.0266006	.0475117	.1027834
#2	.0121758	.0384990	.0139916	.0184413	.0510372	.1000603
#3	.0186694	.0365456	.0140257	.0200257	.0481621	.0967537

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1092411	.0065627	.0061377	2.198193	.0104622	.0294128
Stddev	.0013300	.0000545	.0001809	.020087	.0007473	.0005540
%RSD	1.217540	.8305892	2.947624	.9138150	7.143256	1.883501

#1	.1077141	.0065017	.0063281	2.182822	.0102442	.0300435
#2	.1098619	.0066068	.0059680	2.190835	.0112943	.0291901
#3	.1101472	.0065794	.0061171	2.220922	.0098482	.0290048

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220073	.0968051	.0224993	2.277392	.0405532	.0102759
Stddev	.0021991	.0050335	.0004788	.039031	.0009645	.0000736
%RSD	9.992608	5.199575	2.128018	1.713832	2.378342	.7159358

#1	.0218415	.0928631	.0226032	2.245887	.0416553	.0102188
#2	.0242845	.0950774	.0219772	2.265235	.0398630	.0103590
#3	.0198957	.1024749	.0229177	2.321055	.0401415	.0102500

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.006027	.0367958	.0426044	1.904621	.0179560	.1095144
Stddev	.202110	.0025084	.0001635	.031270	.0014834	.0010625
%RSD	10.07513	6.816964	.3837931	1.641819	8.261043	.9702151

#1	1.784711	.0352678	.0427198	1.892137	.0194749	.1103159
#2	2.052555	.0396907	.0424172	1.881520	.0178822	.1083092
#3	2.180816	.0354288	.0426760	1.940204	.0165109	.1099181

Sample Name: O3572-02 Acquired: 09/28/2023 16:09:58 Type: Unk
Method: NON EPA-6010-200.7(v169) 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	.2252418	F .0107780	.4099681	.0393145	.0437940	.0144809
Stddev	.0046455	.0136396	.0044867	.0012315	.0027875	.0003803
%RSD	2.062433	126.5500	1.094407	3.132470	6.365033	2.626524

#1	.2306031	.0196491	.4061410	.0384827	.0425193	.0144552
#2	.2227120	-.004928	.4149058	.0407293	.0418717	.0148735
#3	.2224103	.017613	.4088573	.0387315	.0469909	.0141141

Elem	Sr4077
Units	ppm
Avg	.0218735
Stddev	.0002085
%RSD	.9533146

#1	.0216345
#2	.0219684
#3	.0220178

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1392.271	1895.055	46824.30	5042.720	2088.202
Stddev	16.650	30.298	589.81	23.336	38.825
%RSD	1.195860	1.598787	1.259630	.4627603	1.859273

#1	1377.352	1860.125	46375.36	5025.000	2043.634
#2	1389.229	1910.819	46605.24	5034.000	2106.276
#3	1410.232	1914.221	47492.30	5069.160	2114.695

Sample Name: O3572-16 Acquired: 09/28/2023 16:13:59 Type: Unk
Method: NON EPA-6010-200.7(v169) 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	.0161400	.0373082	.0130270	.0199418	.0482176	.0937150	.1050425
Stddev	.0060158	.0018063	.0015309	.0099063	.0006750	.0111116	.0016208
%RSD	37.27264	4.841655	11.75176	49.67625	1.399895	11.85682	1.542947

#1	.0223751	.0361346	.0115207	.0173579	.0488511	.0842242	.1042196
#2	.0103705	.0393883	.0129789	.0308840	.0475076	.1059378	.1069096
#3	.0156746	.0364017	.0145814	.0115835	.0482941	.0909830	.1039983

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061751	.0058455	2.114103	.0098904	.0283268	.0224882	.1031210
Stddev	.0000743	.0000917	.015730	.0002176	.0001396	.0041690	.0166116
%RSD	1.202529	1.568002	.7440508	2.199619	.4929419	18.53856	16.10884

#1	.0062213	.0059506	2.096209	.0096668	.0283318	.0189921	.1131635
#2	.0062146	.0058041	2.125752	.0101013	.0284638	.0271021	.0839468
#3	.0060894	.0057818	2.120346	.0099031	.0281847	.0213703	.1122528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218284	2.207562	.0385131	.0105992	1.958476	.0381016	.0404603
Stddev	.0006120	.027660	.0002970	.0002684	.213614	.0027420	.0006423
%RSD	2.803695	1.252981	.7712043	2.532181	10.90713	7.196537	1.587415

#1	.0225347	2.203053	.0388087	.0102905	2.155888	.0375897	.0401978
#2	.0214577	2.237200	.0382147	.0107771	1.731699	.0410634	.0399909
#3	.0214927	2.182434	.0385158	.0107300	1.987842	.0356516	.0411923

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.904598	.0166181	.1049034	.2129057	.0187373	.3923695	.0369198
Stddev	.086812	.0032057	.0014671	.0009011	.0064108	.0024685	.0014409
%RSD	4.558019	19.29051	1.398525	.4232480	34.21408	.6291259	3.902680

#1	1.973463	.0138914	.1048994	.2139386	.0132125	.3949822	.0363515
#2	1.807082	.0158134	.1063725	.2122802	.0172328	.3920499	.0385581
#3	1.933249	.0201495	.1034383	.2124984	.0257665	.3900764	.0358497

Sample Name: O3572-16 Acquired: 09/28/2023 16:13:59 Type: Unk
Method: NON EPA-6010-200.7(v169) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0410607	.0165689	.0208942
Stddev	.0017339	.0014677	.0000636
%RSD	4.222801	8.858012	.3045512

#1	.0394438	.0174943	.0208756
#2	.0428917	.0173356	.0209650
#3	.0408467	.0148766	.0208419

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1403.496	1914.281	47038.47	5081.700	2111.734
Stddev	4.868	5.631	176.62	24.643	9.934
%RSD	.3468745	.2941360	.3754828	.4849312	.4704297

#1	1409.109	1908.832	47045.79	5065.410	2103.639
#2	1400.948	1920.077	46858.29	5069.640	2122.820
#3	1400.429	1913.935	47211.31	5110.050	2108.742

Sample Name: PB152261BL Acquired: 09/28/2023 16:18:02 Type: Unk
Method: NON EPA-6010-200.7(v169) 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	.0023638	.0001293	-.000128	-.003596	.0003655	-.001493	.0008080
Stddev	.0023585	.0018625	.000972	.009588	.0017638	.009934	.0001293
%RSD	99.77207	1440.627	760.2040	266.6050	482.5558	665.3457	15.99939

#1	-.000143	.0013563	.000994	.001944	-.001364	.002414	.0008444
#2	.002696	-.002014	-.000705	.001935	.002161	.005893	.0009152
#3	.004539	.001045	-.000673	-.014667	.000299	-.012787	.0006645

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000118	-.000016	.0036252	.0002415	.0001020	.0028681	-.005099
Stddev	.0000510	.000021	.0082303	.0006719	.0001234	.0041994	.004848
%RSD	431.5380	129.2598	227.0282	278.2459	120.9284	146.4168	95.07957

#1	.0000707	-.000013	.0118636	.0002638	.0000371	.0034640	.000054
#2	-.000017	-.000038	-.004597	-.000441	.0002444	-.001597	-.009569
#3	-.000018	.000003	.003609	.000902	.0000247	.006738	-.005781

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000730	.0139833	.0003874	-.000372	.2301925	-.000890	-.001320
Stddev	.000993	.0294544	.0003550	.000062	.2707418	.000131	.000262
%RSD	136.0322	210.6393	91.63006	16.78192	117.6154	14.73244	19.87311

#1	-.000855	-.008778	.0007542	-.000312	-.082285	-.000850	-.001610
#2	.000320	.047250	.0003626	-.000368	.378085	-.000784	-.001098
#3	-.001654	.003478	.0000455	-.000436	.394777	-.001037	-.001251

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.249314	-.000147	.0011473	.0000088	.0043730	.0000704	-.000415
Stddev	.019660	.004123	.0004553	.0002594	.0059452	.0011801	.001075
%RSD	7.885531	2799.105	39.68893	2943.960	135.9516	1677.303	259.1766

#1	-.259431	.000936	.0016563	.0000978	.0096530	.0008220	-.000047
#2	-.226656	.003326	.0010067	-.000283	.0055325	.0006789	.000428
#3	-.261856	-.004704	.0007788	.000212	-.002066	-.001290	-.001625

Sample Name: PB152261BL Acquired: 09/28/2023 16:18:02 Type: Unk
 Method: NON EPA-6010-200.7(v169) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021067	-.008033	-.000017
Stddev	.0003865	.000927	.000091
%RSD	18.34896	11.53732	517.5367

#1	.0016871	-.009026	-.000032
#2	.0024484	-.007883	-.000100
#3	.0021845	-.007191	.000079

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1395.741	1908.138	46803.47	5014.710	2128.371
Stddev	9.224	1.146	393.63	11.746	2.919
%RSD	.6608839	.0600614	.8410312	.2342248	.1371539

#1	1386.725	1908.962	46493.87	5022.500	2129.629
#2	1405.160	1906.829	46670.07	5020.430	2130.449
#3	1395.338	1908.622	47246.47	5001.200	2125.033

Sample Name: PB152261BS Acquired: 09/28/2023 16:22:04 Type: Unk
Method: NON EPA-6010-200.7(v169) 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	.7689116	1.965303	.9755165	1.930105	.7600629	2.084016	.2172514
Stddev	.0044487	.007207	.0062280	.019811	.0015331	.106576	.0116833
%RSD	.5785747	.3667366	.6384266	1.026420	.2017034	5.113960	5.377768

#1	.7675308	1.961527	.9749019	1.950797	.7591224	2.012289	.2085121
#2	.7653169	1.973614	.9820290	1.911312	.7592343	2.206481	.2305214
#3	.7738870	1.960768	.9696186	1.928205	.7618319	2.033278	.2127207

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2101480	.1869497	1.084455	.4009288	.1889410	.3323329	3.277775
Stddev	.0100167	.0005534	.069348	.0009123	.0004801	.0171608	.171821
%RSD	4.766496	.2960080	6.394777	.2275494	.2540875	5.163740	5.242011

#1	.2050599	.1872304	1.030489	.4001170	.1886284	.3217030	3.149891
#2	.2216875	.1873064	1.162673	.4019161	.1894937	.3521305	3.473082
#3	.2036967	.1863122	1.060204	.4007535	.1887008	.3231652	3.210353

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2174776	2.095385	.4761180	.0743521	3.166658	.3184671	.2085599
Stddev	.0111043	.128293	.0007297	.0003696	.114412	.0163520	.0009697
%RSD	5.105930	6.122666	.1532597	.4971490	3.613023	5.134583	.4649514

#1	.2085916	2.037479	.4764178	.0743110	3.034684	.3044384	.2087678
#2	.2299258	2.242425	.4766500	.0747405	3.237875	.3364260	.2094088
#3	.2139154	2.006253	.4752861	.0740047	3.227413	.3145370	.2075031

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.24954	5.403769	.3280320	.3937891	9.079972	.9728151	.6642161
Stddev	.56825	.006661	.0145195	.0017663	.016011	.0445241	.0020266
%RSD	5.544121	.1232595	4.426249	.4485414	.1763305	4.576832	.3051052

#1	9.97014	5.398168	.3217943	.3954612	9.074064	.9539422	.6651570
#2	10.90340	5.402005	.3446281	.3939645	9.067754	1.023667	.6656012
#3	9.87508	5.411134	.3176737	.3919416	9.098097	.940836	.6618902

Sample Name: PB152261BS Acquired: 09/28/2023 16:22:04 Type: Unk
Method: NON EPA-6010-200.7(v169) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2130501	.2155979	.2075997
Stddev	.0116416	.0132208	.0113499
%RSD	5.464270	6.132138	5.467178

#1	.2032788	.2077249	.2006634
#2	.2259307	.2308614	.2206978
#3	.2099409	.2082074	.2014380

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1394.649	1905.729	46913.72	4935.768	2095.482
Stddev	15.148	4.450	240.69	233.068	4.342
%RSD	1.086155	.2335156	.5130407	4.722030	.2071911

#1	1402.568	1902.160	47187.63	5053.229	2093.958
#2	1377.183	1904.313	46735.99	4667.340	2092.108
#3	1404.196	1910.715	46817.55	5086.735	2100.380

Sample Name: O2213-07 Acquired: 09/28/2023 16:26:01 Type: Unk
Method: NON EPA-6010-200.7(v169) 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	.0049688	.0094972	.0032694	.0115809	.0110479	.0174243	.0277361
Stddev	.0014261	.0005958	.0010509	.0076180	.0023203	.0065856	.0006817
%RSD	28.70211	6.273475	32.14434	65.78014	21.00204	37.79547	2.457750

#1	.0064364	.0090744	.0021582	.0195955	.0084256	.0178977	.0279091
#2	.0035881	.0092385	.0034027	.0044339	.0128346	.0237604	.0269846
#3	.0048819	.0101786	.0042473	.0107134	.0118836	.0106148	.0283146

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016011	.0015073	.5480987	.0025162	.0077743	.0062668	.0326367
Stddev	.0000537	.0000222	.0118567	.0002896	.0002311	.0043058	.0107731
%RSD	3.354905	1.475695	2.163242	11.50823	2.971965	68.70756	33.00917

#1	.0015467	.0014972	.5469343	.0022322	.0077143	.0090115	.0432550
#2	.0016540	.0015328	.5368671	.0028110	.0075791	.0013043	.0329400
#3	.0016026	.0014919	.5604946	.0025055	.0080294	.0084848	.0217152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058832	.5759048	.0100007	.0024372	.5628585	.0067865	.0096537
Stddev	.0001688	.0070837	.0003171	.0006922	.2474695	.0010242	.0008135
%RSD	2.869226	1.230008	3.170542	28.40275	43.96655	15.09177	8.426464

#1	.0056906	.5818890	.0103043	.0019406	.6517998	.0078883	.0091401
#2	.0059539	.5777418	.0100263	.0032279	.7535649	.0066077	.0105916
#3	.0060053	.5680836	.0096717	.0021431	.2832109	.0058635	.0092294

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3702161	.0021671	.0264996	.0548003	.0048638	.1017033	.0097602
Stddev	.0249641	.0024402	.0008467	.0002708	.0078445	.0014535	.0004348
%RSD	6.743108	112.6039	3.195350	.4941442	161.2854	1.429134	4.454538

#1	.3735409	.0003722	.0268019	.0548483	-.002031	.1016399	.0099050
#2	.3437562	.0011834	.0255432	.0545086	.013399	.1002826	.0101041
#3	.3933511	.0049455	.0271537	.0550438	.003223	.1031875	.0092715

Sample Name: O2213-07 Acquired: 09/28/2023 16:26:01 Type: Unk
Method: NON EPA-6010-200.7(v169) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0110367	.0009086	.0053620
Stddev	.0011280	.0015021	.0000084
%RSD	10.22089	165.3295	.1564884

#1	.0121451	-.000172	.0053570
#2	.0110748	.000273	.0053574
#3	.0098900	.002624	.0053717

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1396.590	1913.900	47105.83	5056.013	2127.331
Stddev	7.366	3.975	196.21	49.749	2.051
%RSD	.5274401	.2076990	.4165336	.9839596	.0963896

#1	1404.414	1914.058	46979.66	5064.330	2125.123
#2	1395.567	1917.794	47331.89	5101.080	2129.176
#3	1389.788	1909.849	47005.95	5002.630	2127.693

Sample Name: O2213-08 Acquired: 09/28/2023 16:30:06 Type: Unk
Method: NON EPA-6010-200.7(v169) 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	.0259078	.0407001	.0126723	.0151723	.0506312	.1036616	.1119770
Stddev	.0005567	.0003438	.0013630	.0050433	.0014892	.0173737	.0077793
%RSD	2.148754	.8448047	10.75608	33.24007	2.941297	16.75998	6.947232

#1	.0264236	.0410663	.0141709	.0190273	.0510470	.1209401	.1209421
#2	.0259822	.0403841	.0115064	.0170249	.0489783	.0861944	.1079810
#3	.0253177	.0406500	.0123397	.0094647	.0518684	.1038502	.1070077

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065746	.0060599	2.244266	.0103437	.0287768	.0226537	.0939876
Stddev	.0004041	.0000329	.160947	.0003749	.0005160	.0011711	.0075153
%RSD	6.145666	.5429391	7.171477	3.624920	1.793143	5.169583	7.996097

#1	.0070360	.0060977	2.430019	.0105953	.0285847	.0213411	.0994615
#2	.0062835	.0060438	2.146313	.0105230	.0283844	.0235914	.0854190
#3	.0064045	.0060381	2.156466	.0099127	.0293613	.0230286	.0970823

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0230494	2.316860	.0392979	.0108548	2.170794	.0402960	.0410575
Stddev	.0020785	.145878	.0003863	.0003847	.098959	.0045760	.0006670
%RSD	9.017648	6.296375	.9829223	3.543954	4.558659	11.35594	1.624682

#1	.0254411	2.482786	.0389468	.0110829	2.086854	.0450786	.0403739
#2	.0220282	2.208759	.0397117	.0104106	2.145620	.0398501	.0417067
#3	.0216792	2.259036	.0392353	.0110707	2.279909	.0359593	.0410920

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.967641	.0146704	.1107028	.2189685	.0207035	.4160264	.0378269
Stddev	.145709	.0025969	.0076351	.0004621	.0028136	.0301444	.0009139
%RSD	7.405260	17.70153	6.896926	.2110156	13.58992	7.245796	2.416055

#1	2.132841	.0138532	.1193670	.2187552	.0188149	.4505973	.0388251
#2	1.857421	.0125804	.1077830	.2194987	.0193585	.4022524	.0370313
#3	1.912661	.0175776	.1049586	.2186516	.0239372	.3952297	.0376241

Sample Name: O2213-08 Acquired: 09/28/2023 16:30:06 Type: Unk
Method: NON EPA-6010-200.7(v169) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0427371	.0166195	.0222539
Stddev	.0031394	.0035741	.0015208
%RSD	7.345721	21.50558	6.833663

#1	.0462263	.0207465	.0240082
#2	.0418439	.0145825	.0213092
#3	.0401412	.0145296	.0214444

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1399.944	1908.742	46898.47	4929.827	2112.720
Stddev	8.495	4.306	345.72	312.876	1.305
%RSD	.6068139	.2255984	.7371741	6.346584	.0617504

#1	1396.236	1909.875	46817.30	4568.550	2112.082
#2	1409.663	1912.368	47277.56	5111.180	2114.221
#3	1393.933	1903.983	46600.56	5109.750	2111.858

Sample Name: O2213-17 Acquired: 09/28/2023 16:47:21 Type: Unk
Method: NON EPA-6010-200.7(v169) 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	.0165754	.0400329	.0125345	.0234735	.0473359	.0924568
Stddev	.0047412	.0014552	.0007697	.0033265	.0025866	.0120605
%RSD	28.60378	3.634963	6.140355	14.17131	5.464322	13.04451

#1	.0111539	.0398995	.0127230	.0257948	.0488468	.0880723
#2	.0199450	.0386491	.0116881	.0196625	.0443492	.1060963
#3	.0186273	.0415503	.0131924	.0249632	.0488117	.0832019

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1070716	.0063089	.0060017	2.141221	.0100048	.0285936
Stddev	.0009158	.0001739	.0000895	.016403	.0004848	.0005139
%RSD	.8553321	2.756976	1.491385	.7660439	4.845985	1.797212

#1	.1060538	.0063753	.0060987	2.122439	.0094524	.0280030
#2	.1078289	.0061116	.0059223	2.152730	.0102020	.0288391
#3	.1073322	.0064399	.0059842	2.148493	.0103599	.0289387

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219709	.0988308	.0219784	2.243558	.0395018	.0103384
Stddev	.0016324	.0090826	.0002056	.011373	.0002638	.0005660
%RSD	7.430060	9.189996	.9353348	.5068972	.6677295	5.475030

#1	.0231655	.1086963	.0220812	2.256617	.0393031	.0103191
#2	.0201108	.0908163	.0217417	2.235828	.0394012	.0109139
#3	.0226363	.0969799	.0221123	2.238231	.0398010	.0097823

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.804721	.0366313	.0412922	1.969060	.0191057	.1134960
Stddev	.150745	.0032366	.0007587	.070964	.0021632	.0020130
%RSD	8.352791	8.835590	1.837402	3.603960	11.32205	1.773619

#1	1.831600	.0332158	.0406120	2.043695	.0207503	.1129739
#2	1.940218	.0396529	.0411542	1.961035	.0199114	.1117954
#3	1.642346	.0370251	.0421105	1.902449	.0166553	.1157185

Sample Name: O2213-17 Acquired: 09/28/2023 16:47:21 Type: Unk
Method: NON EPA-6010-200.7(v169) 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	.2176165	F .0112327	.4052491	.0361452	.0427539	.0183436
Stddev	.0007645	.0072131	.0016510	.0006179	.0011047	.0008983
%RSD	.3513198	64.21573	.4074049	1.709448	2.583830	4.897180

#1	.2182132	.0092964	.4061633	.0360120	.0438444	.0173830
#2	.2178816	.0051852	.4033432	.0356047	.0416356	.0184850
#3	.2167547	.0192163	.4062408	.0368188	.0427817	.0191629

Elem	Sr4077
Units	ppm
Avg	.0213355
Stddev	.0001130
%RSD	.5295417

#1	.0212264
#2	.0213281
#3	.0214520

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1400.938	1916.994	46931.71	5102.597	2112.441
Stddev	12.909	5.956	279.16	6.364	.943
%RSD	.9214584	.3106713	.5948226	.1247178	.0446302

#1	1392.632	1912.702	46866.87	5097.950	2113.085
#2	1394.371	1923.794	46690.67	5109.850	2112.878
#3	1415.810	1914.488	47237.58	5099.990	2111.359

Sample Name: CCV02 Acquired: 09/28/2023 16:51:24 Type: Unk
Method: NON EPA-6010-200.7(v169) 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	5.000832	5.122424	5.028167	4.942167	4.903951	10.04041	10.38275
Stddev	.017617	.038412	.013738	.018709	.007742	.05425	.05943
%RSD	.3522754	.7498790	.2732122	.3785544	.1578639	.5402998	.5723577

#1	4.999068	5.107551	5.018676	4.962894	4.912888	9.97777	10.36460
#2	5.019264	5.093672	5.021905	4.937079	4.899309	10.07186	10.33452
#3	4.984164	5.166049	5.043920	4.926529	4.899656	10.07161	10.44914

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2528891	2.439882	25.36757	.9861720	2.449581	1.277047	5.030499
Stddev	.0028497	.003954	.20134	.0034498	.003113	.001794	.028279
%RSD	1.126858	.1620747	.7936726	.3498124	.1271018	.1405027	.5621542

#1	.2526322	2.437535	25.24001	.9823443	2.451833	1.276216	4.998836
#2	.2501765	2.437664	25.26302	.9871306	2.446028	1.275818	5.039414
#3	.2558585	2.444448	25.59967	.9890411	2.450883	1.279106	5.053246

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.555599	24.96908	2.451285	1.258890	24.70209	2.533495	2.502548
Stddev	.021463	.30552	.002406	.005409	.02048	.014077	.016056
%RSD	.8398568	1.223587	.0981502	.4296621	.0829220	.5556476	.6415690

#1	2.540653	24.76805	2.452704	1.259997	24.68151	2.519352	2.510952
#2	2.545950	24.81854	2.448507	1.253013	24.70228	2.533627	2.484034
#3	2.580193	25.32066	2.452644	1.263660	24.72248	2.547506	2.512657

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.02465	5.099506	5.095978	4.930292	4.985918	5.067559	4.899183
Stddev	.04076	.034364	.054925	.013283	.009289	.068447	.013217
%RSD	.1628595	.6738706	1.077803	.2694082	.1862959	1.350683	.2697837

#1	25.00342	5.084189	5.091723	4.945582	4.993713	5.043130	4.896731
#2	24.99889	5.075464	5.043304	4.921598	4.975640	5.014679	4.887364
#3	25.07164	5.138865	5.152906	4.923697	4.988399	5.144869	4.913455

Sample Name: CCV02 Acquired: 09/28/2023 16:51:24 Type: Unk
Method: NON EPA-6010-200.7(v169) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.023533	5.163564	4.980999
Stddev	.029832	.049366	.035790
%RSD	.5938515	.9560488	.7185390

#1	4.989268	5.162430	4.950810
#2	5.037597	5.114775	4.971651
#3	5.043734	5.213488	5.020536

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1368.235	1866.459	45892.67	5084.293	1892.378
Stddev	11.355	14.867	117.50	50.003	8.579
%RSD	.8298792	.7965431	.2560373	.9834850	.4533589

#1	1358.455	1850.610	45776.87	5067.485	1883.295
#2	1380.688	1868.672	46011.81	5140.534	1893.497
#3	1365.564	1880.096	45889.33	5044.858	1900.343

Sample Name: CCB02 Acquired: 09/28/2023 16:55:20 Type: Unk
Method: NON EPA-6010-200.7(v169) 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	.0033898	-.000741	.0010281	-.003653	.0003779	-.007842	.0011778
Stddev	.0031580	.000945	.0016519	.003000	.0023979	.002618	.0003942
%RSD	93.15894	127.6094	160.6767	82.11772	634.5183	33.38969	33.46829

#1	.0016831	-.001221	-.000530	-.004718	-.000160	-.009539	.0007396
#2	.0070339	-.001349	.002760	-.000266	-.001705	-.009161	.0015034
#3	.0014525	.000348	.000855	-.005975	.002999	-.004827	.0012904

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000229	.0000980	-.002048	.0001230	.0002177	.0022411	-.010725
Stddev	.0000568	.0000934	.011064	.0002421	.0000292	.0020841	.006208
%RSD	248.0822	95.29145	540.2463	196.8838	13.40372	92.99597	57.88718

#1	-.000011	.0001488	-.005457	-.000136	.0002484	.0043525	-.003639
#2	.000088	.0001549	-.011005	.000161	.0002145	.0021855	-.013329
#3	-.000009	-.000010	.010319	.000344	.0001903	.0001853	-.015207

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006002	-.002451	.0008789	.0000975	-.212693	-.003380	-.000890
Stddev	.0006067	.032525	.0004065	.0001164	.091224	.004995	.000421
%RSD	101.0674	1327.096	46.25404	119.4291	42.89005	147.7721	47.24803

#1	.0009756	-.030350	.0013100	.0001252	-.316352	-.005174	-.000957
#2	.0009248	.033272	.0008241	-.000030	-.177077	-.007230	-.001273
#3	-.000100	-.010275	.0005025	.000197	-.144649	.002264	-.000440

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.210216	-.003332	.0087327	.0010503	-.004801	.0054558	.0015684
Stddev	.079033	.001747	.0002037	.0003148	.007371	.0007948	.0013128
%RSD	37.59629	52.43191	2.332210	29.96850	153.5260	14.56738	83.70331

#1	-.206178	-.001664	.0085025	.0013057	-.006724	.0062244	.0030838
#2	-.133278	-.005148	.0088895	.0006986	-.011020	.0046372	.0007764
#3	-.291190	-.003183	.0088060	.0011466	.003341	.0055059	.0008450

Sample Name: CCB02 Acquired: 09/28/2023 16:55:20 Type: Unk
Method: NON EPA-6010-200.7(v169) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005602	-.002466	.0000181
Stddev	.0007475	.002220	.0000684
%RSD	133.4403	90.00864	377.6214

#1	.0013443	-.000427	-.000004
#2	.0004807	-.002141	.000095
#3	-.000144	-.004830	-.000037

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1411.219	1920.153	47115.52	5074.137	2140.695
Stddev	9.536	2.868	118.40	20.234	6.402
%RSD	.6757034	.1493521	.2512922	.3987725	.2990687

#1	1420.392	1920.871	47204.59	5096.920	2135.472
#2	1401.358	1916.994	46981.16	5067.230	2138.775
#3	1411.909	1922.594	47160.80	5058.260	2147.837