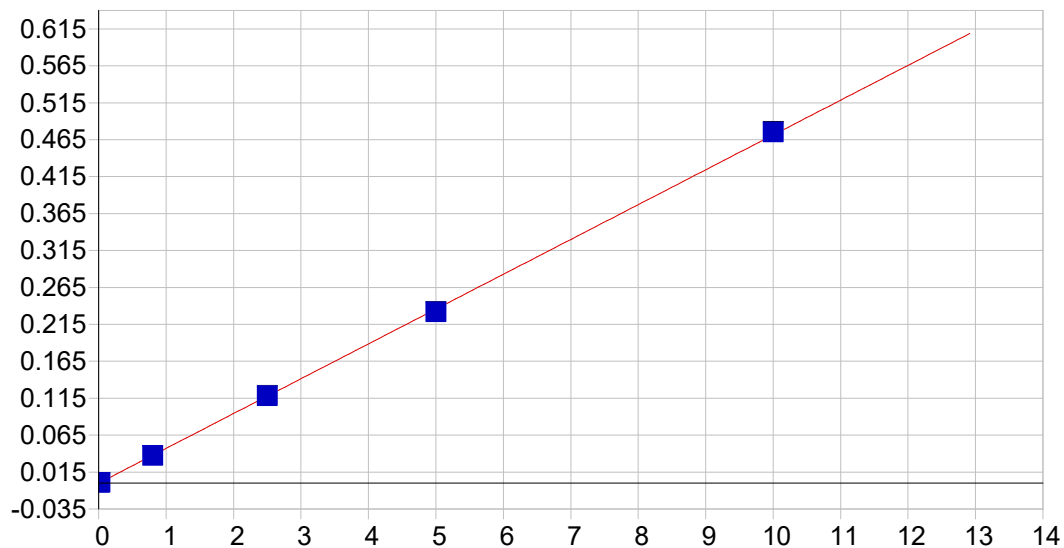


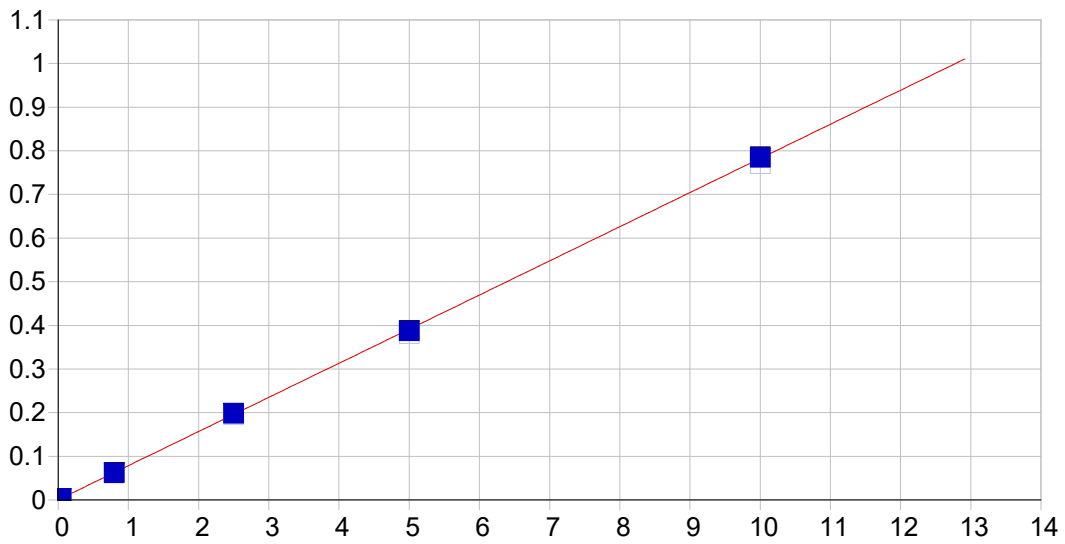


As 189.042 {479}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000074 Re-Slope: 1.000000
 A1 (Gain): 0.047142 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.004935
 Predicted MQL: 0.016450

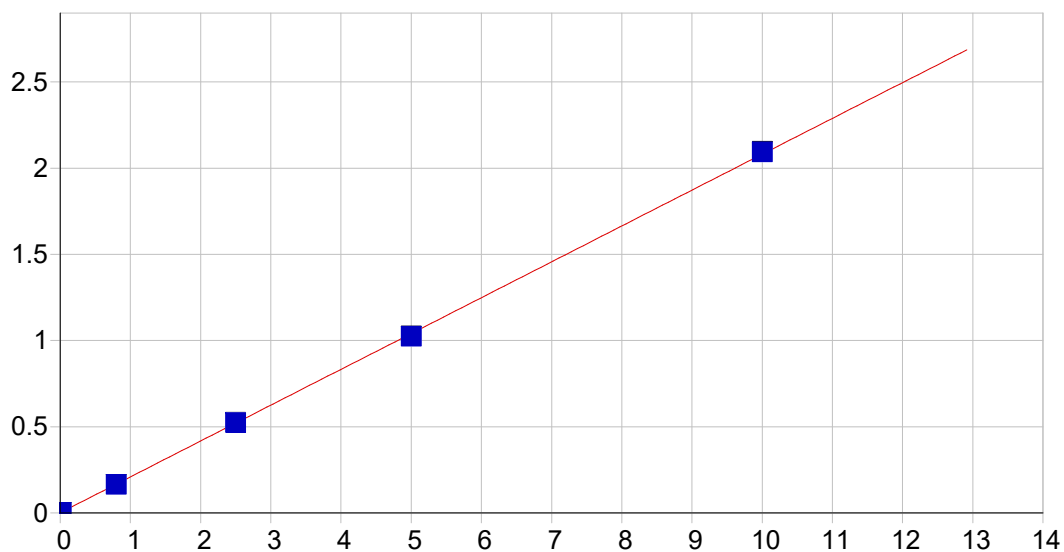
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.02000	.01766	-.002	-11.7	.00076	.000	1
S3	2.5000	2.5085	.008	.339	.11807	.001	1
S4	5.0000	4.9161	-.084	-1.68	.23145	.001	1
S5	10.000	10.084	.084	.841	.47485	.001	1
S2	.80000	.79368	-.006	-.791	.03730	.000	1



Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000243 Re-Slope: 1.000000
 A1 (Gain): 0.078226 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.002509
 Predicted MQL: 0.008362

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00024	.000	1
S1	.04000	.03904	-.001	-2.39	.00310	.000	1
S3	2.5000	2.5320	.032	1.28	.19471	.000	1
S4	5.0000	4.9512	-.049	-.976	.38035	.000	1
S5	10.000	10.024	.024	.241	.76997	.002	1
S2	.80000	.79365	-.006	-.794	.06117	.000	1

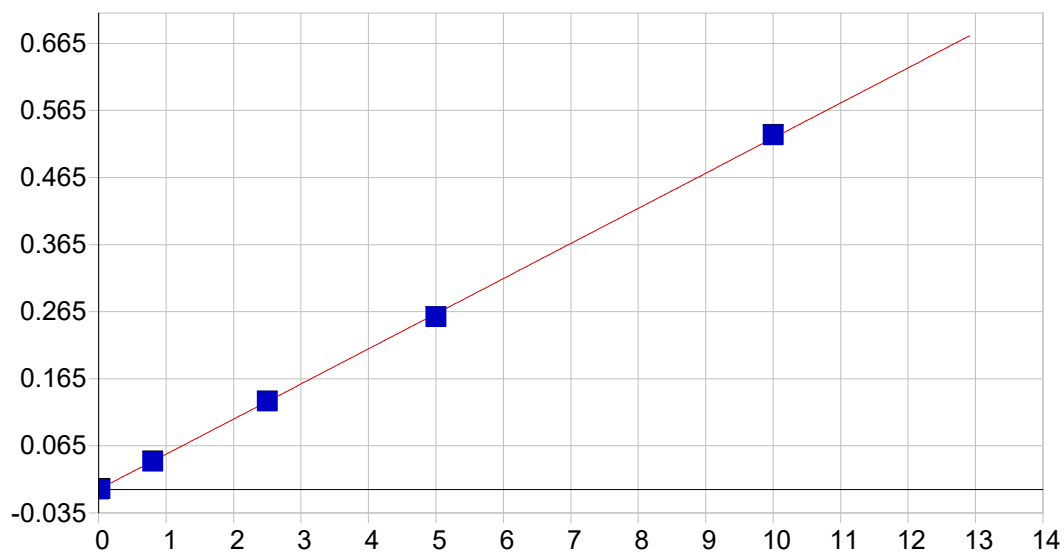


Pb 220.353 {453}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000947	Re-Slope:	1.000000
A1 (Gain):	0.207972	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999937	Status:	OK.
Std Error of Est:	0.000042		
Predicted MDL:	0.002469		
Predicted MQL:	0.008230		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00095	.000	1
S1	.01200	.01436	.002	19.7	.00389	.000	1
S3	2.5000	2.5144	.014	.575	.52335	.001	1
S4	5.0000	4.9229	-.077	-1.54	1.0237	.001	1
S5	10.000	10.069	.069	.690	2.0929	.003	1
S2	.80000	.79135	-.009	-1.08	.16536	.000	1

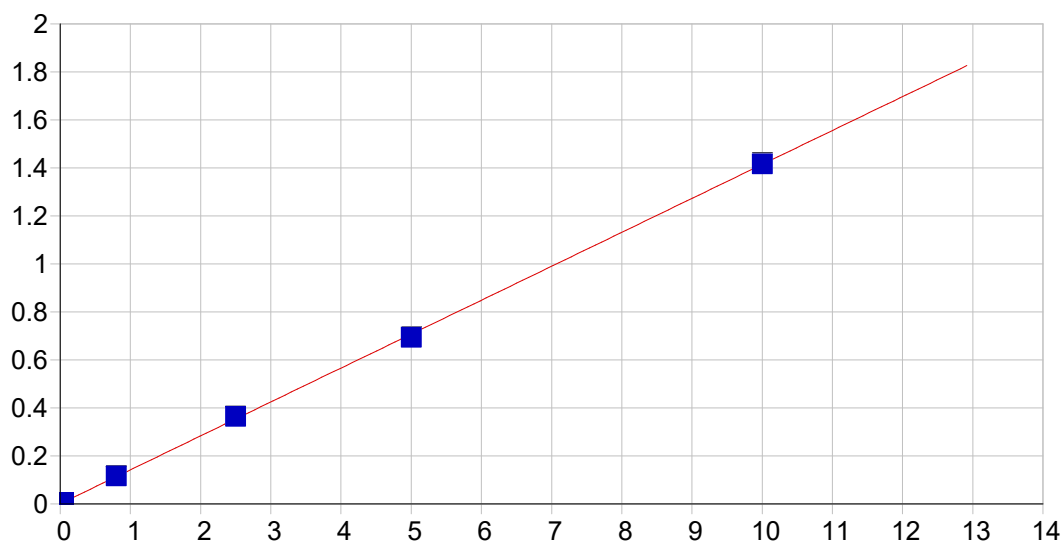


Se 196.090 {472}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000071 Re-Slope: 1.000000
 A1 (Gain): 0.052371 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.005718
 Predicted MQL: 0.019059

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.02000	.01656	-.003	-17.2	.00094	.000	1
S3	2.5000	2.5077	.008	.309	.13132	.000	1
S4	5.0000	4.9127	-.087	-1.75	.25719	.000	1
S5	10.000	10.087	.087	.870	.52800	.001	1
S2	.80000	.79600	-.004	-.501	.04173	.000	1

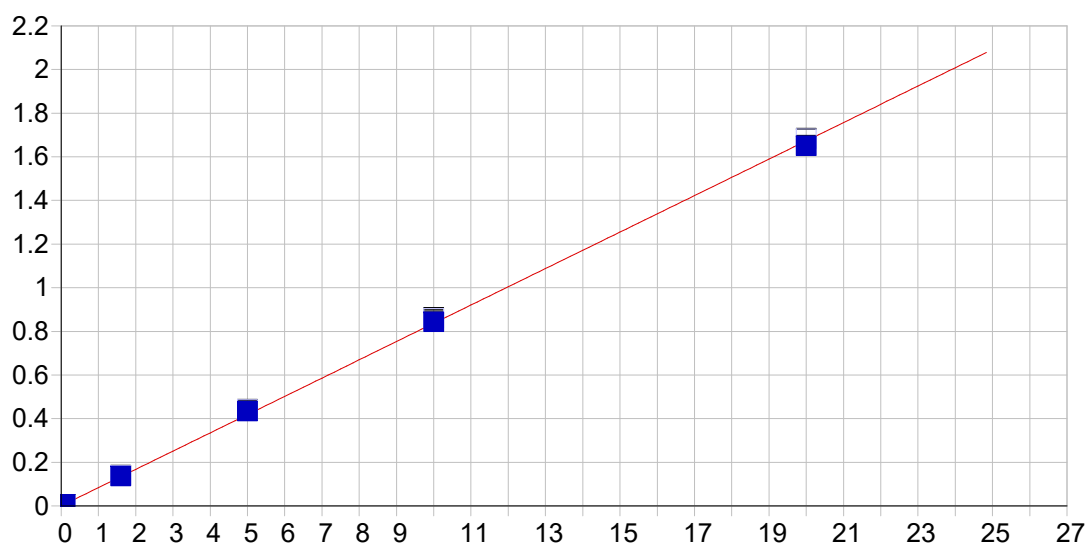


Sb 206.833 {463}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000555 Re-Slope: 1.000000
 A1 (Gain): 0.141374 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886 Status: OK.
 Std Error of Est: 0.000079
 Predicted MDL: 0.002613
 Predicted MQL: 0.008709

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00055	.000	1
S1	.05000	.05184	.002	3.68	.00790	.000	1
S3	2.5000	2.5710	.071	2.84	.36499	.000	1
S4	5.0000	4.9039	-.096	-1.92	.69576	.002	1
S5	10.000	10.009	.009	.091	1.4194	.003	1
S2	.80000	.81419	.014	1.77	.11597	.000	1

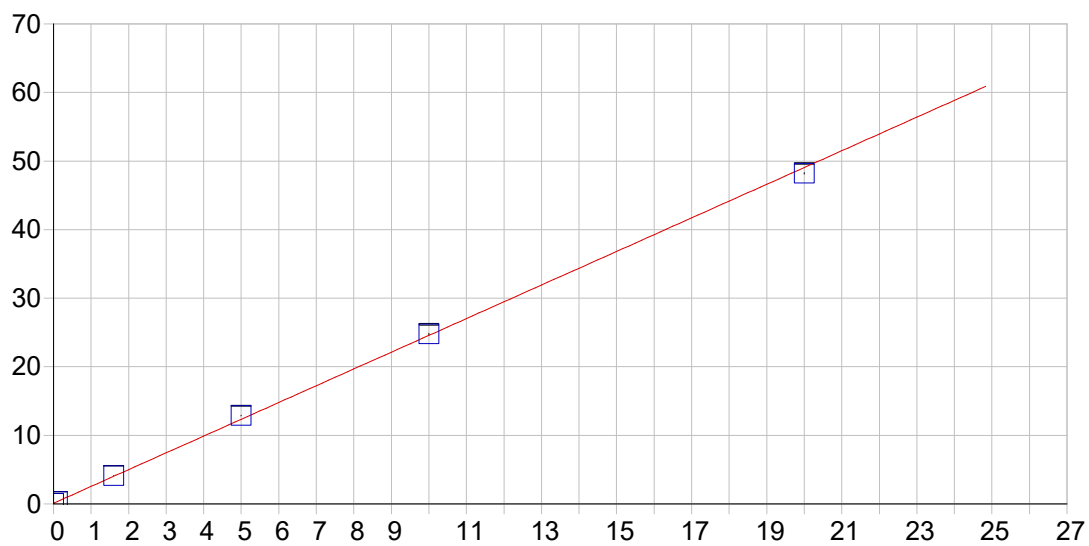


AI 396.152 { 85}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000330 Re-Slope: 1.000000
 A1 (Gain): 0.083651 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846 Status: OK.
 Std Error of Est: 0.000111
 Predicted MDL: 0.011113
 Predicted MQL: 0.037044

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00033	.000	1
S1	.10000	.09513	-.005	-4.87	.00894	.000	1
S3	5.0000	5.1798	.180	3.60	.44174	.001	1
S4	10.000	10.071	.071	.708	.85899	.005	1
S5	20.000	19.722	-.278	-1.39	1.6825	.002	1
S2	1.6000	1.6327	.033	2.05	.13951	.001	1

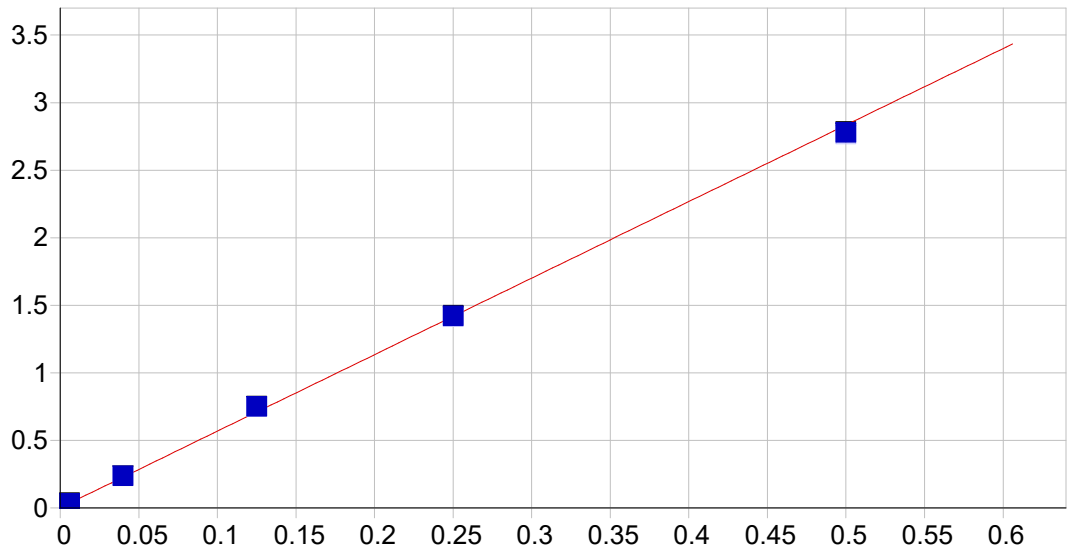


Ba 493.409 { 68}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.100161 Re-Slope: 1.000000
 A1 (Gain): 2.447741 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999760 Status: OK.
 Std Error of Est: 0.003977
 Predicted MDL: 0.001331
 Predicted MQL: 0.004437

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.10015	.001	1
S1	.10000	.10019	.000	.194	.34541	.005	1
S3	5.0000	5.2231	.223	4.46	12.885	.039	1
S4	10.000	10.077	.077	.774	24.767	.127	1
S5	20.000	19.656	-.344	-1.72	48.214	.092	1
S2	1.6000	1.6430	.043	2.69	4.1217	.012	1

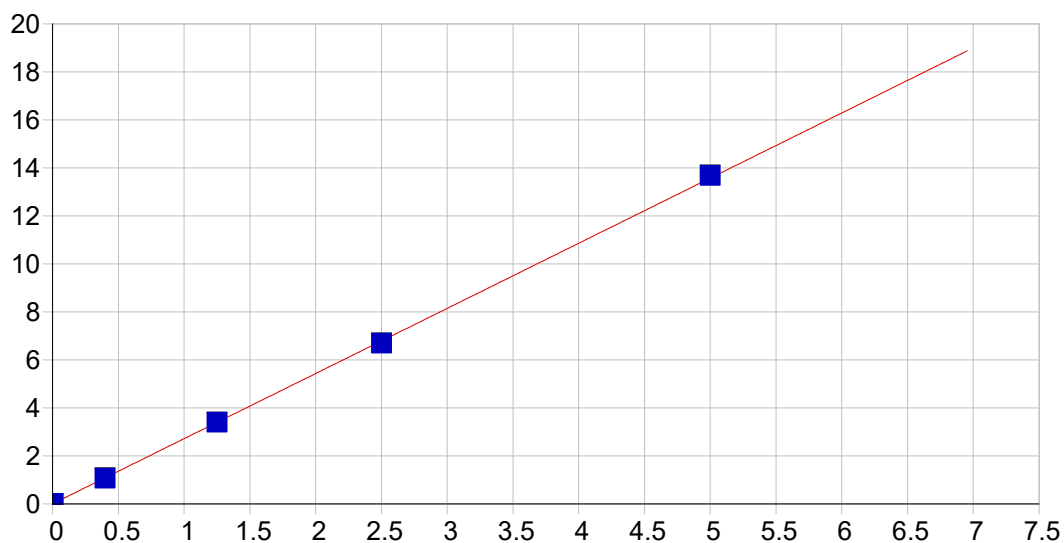


Be 234.861 {144}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001469	Re-Slope:	1.000000
A1 (Gain):	5.665440	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999625	Status:	OK.
Std Error of Est:	0.000445		
Predicted MDL:	0.000068		
Predicted MQL:	0.000226		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00147	.000	1
S1	.00600	.00618	.000	3.01	.03623	.000	1
S3	.12500	.13225	.007	5.80	.74756	.003	1
S4	.25000	.25065	.001	.260	1.4152	.004	1
S5	.50000	.49027	-.010	-1.95	2.7664	.006	1
S2	.04000	.04165	.002	4.12	.23640	.002	1

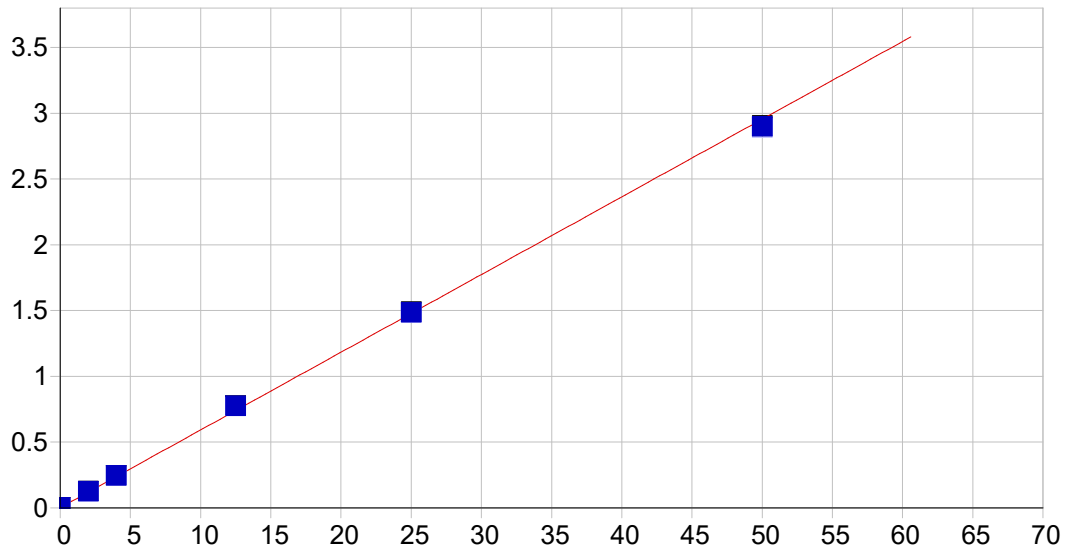


Cd 226.502 {449}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000501 Re-Slope: 1.000000
 A1 (Gain): 2.714443 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000245
 Predicted MDL: 0.000130
 Predicted MQL: 0.000434

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00050	.000	1
S1	.00600	.00615	.000	2.57	.01726	.000	1
S3	1.2500	1.2513	.001	.106	3.3993	.002	1
S4	2.5000	2.4642	-.036	-1.43	6.6939	.007	1
S5	5.0000	5.0397	.040	.793	13.689	.015	1
S2	.40000	.39464	-.005	-1.34	1.0724	.002	1

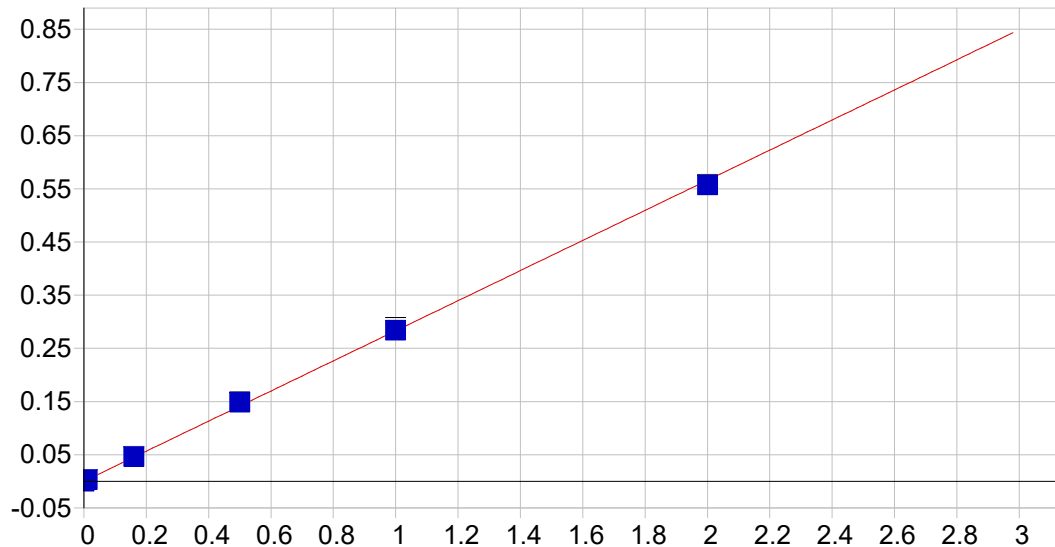


Ca 373.690 { 90}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002120 Re-Slope: 1.000000
 A1 (Gain): 0.059061 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999712 Status: OK.
 Std Error of Est: 0.000748
 Predicted MDL: 0.011904
 Predicted MQL: 0.039679

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00021	-.000	.000	.00211	.001	1
S2	4.0000	4.1226	.123	3.06	.24494	.001	1
S3	12.500	13.087	.587	4.70	.77296	.003	1
S4	25.000	25.145	.145	.578	1.4830	.004	1
S5	50.000	49.060	-.940	-1.88	2.8913	.007	1
S1	2.0000	2.0855	.086	4.28	.12521	.001	1

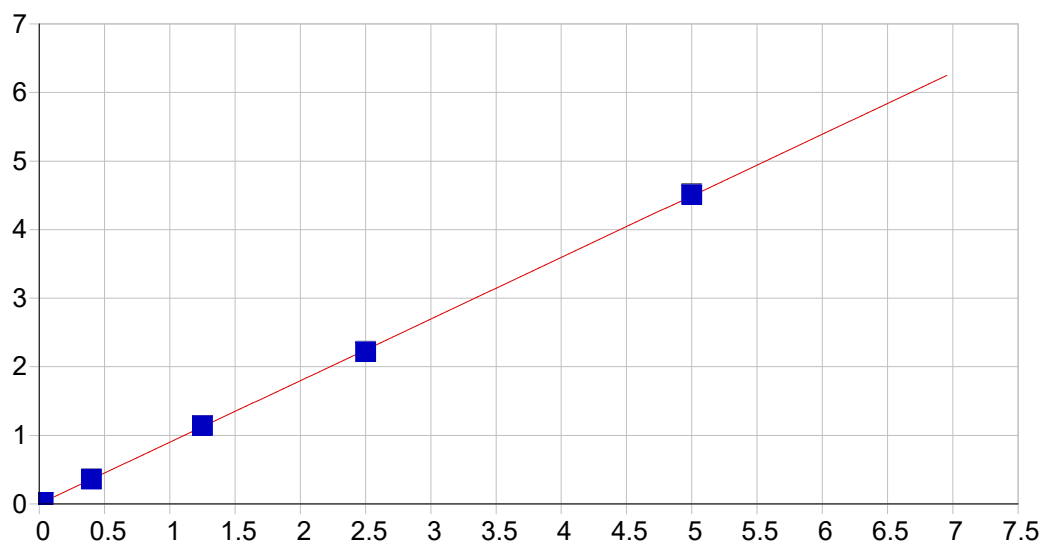


Cr 267.716 {126}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000005 Re-Slope: 1.000000
 A1 (Gain): 0.283104 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999746 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.000440
 Predicted MQL: 0.001466

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.01000	.00990	-.000	-.967	.00281	.000	1
S3	.50000	.52504	.025	5.01	.14869	.000	1
S4	1.0000	1.0026	.003	.261	.28393	.005	1
S5	2.0000	1.9684	-.032	-1.58	.55743	.001	1
S2	.16000	.16407	.004	2.55	.04647	.000	1

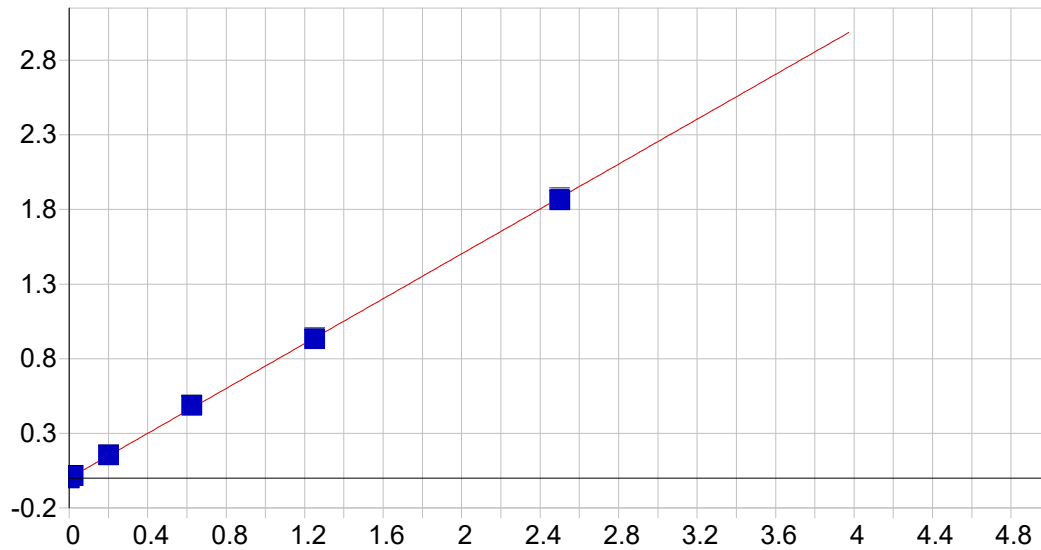


Co 228.616 {448}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000181	Re-Slope:	1.000000
A1 (Gain):	0.898500	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999963	Status:	OK.
Std Error of Est:	0.000157		
Predicted MDL:	0.000338		
Predicted MQL:	0.001127		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.03000	.02982	-.000	-.615	.02686	.000	1
S3	1.2500	1.2669	.017	1.36	1.1404	.001	1
S4	2.5000	2.4694	-.031	-1.22	2.2227	.002	1
S5	5.0000	5.0165	.017	.331	4.5152	.006	1
S2	.40000	.39730	-.003	-.675	.35777	.001	1

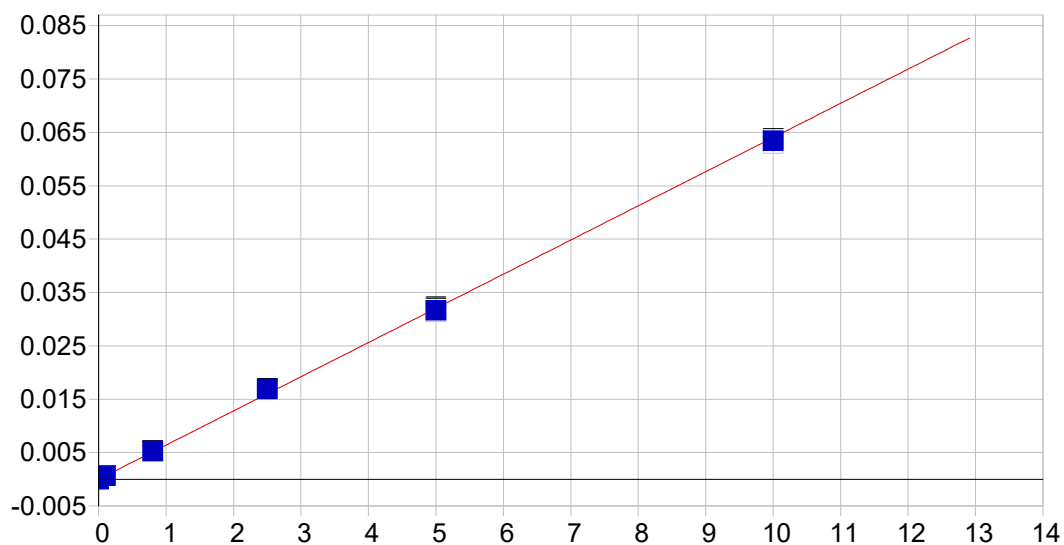


Cu 224.700 {450}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000863	Re-Slope:	1.000000
A1 (Gain):	0.751840	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999855	Status:	OK.
Std Error of Est:	0.000151		
Predicted MDL:	0.000645		
Predicted MQL:	0.002152		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00087	.000	1
S1	.02000	.02160	.002	7.98	.01551	.000	1
S3	.62500	.64684	.022	3.49	.48871	.001	1
S4	1.2500	1.2416	-.008	-.675	.93909	.001	1
S5	2.5000	2.4784	-.022	-.864	1.8755	.003	1
S2	.20000	.20659	.007	3.30	.15550	.001	1

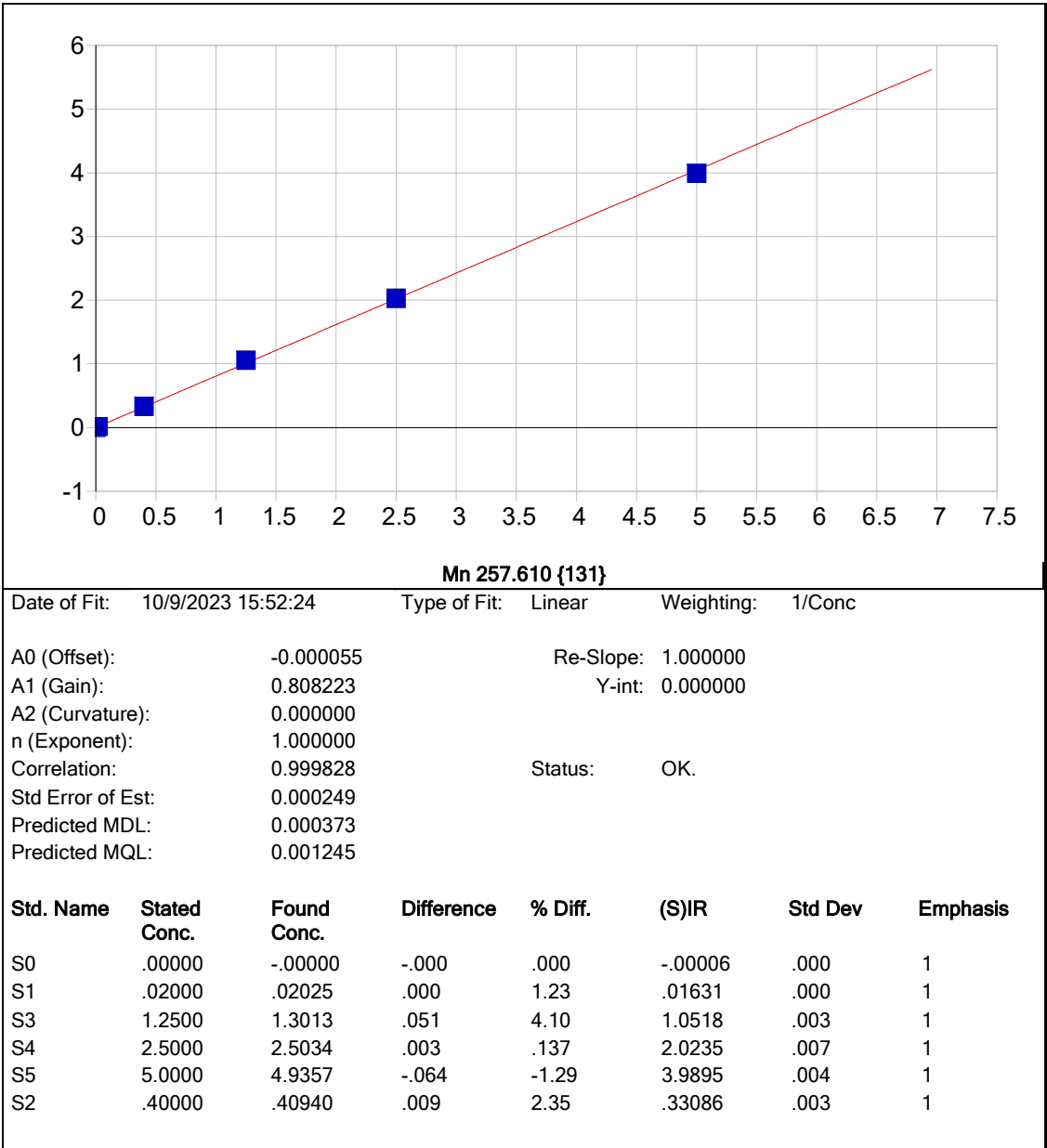


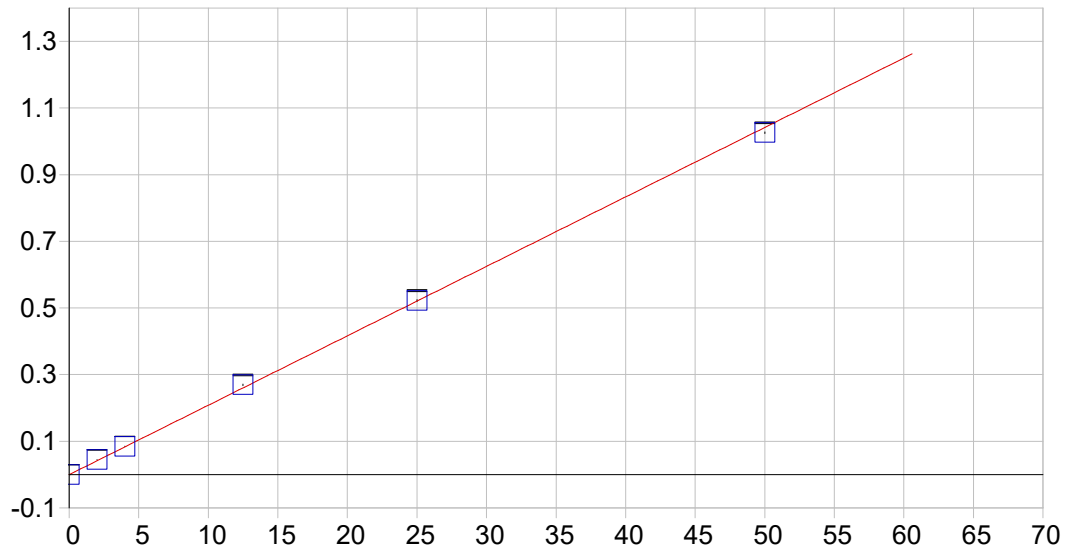
Fe 240.488 {140}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000004 Re-Slope: 1.000000
 A1 (Gain): 0.006405 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999732 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.007199
 Predicted MQL: 0.023995

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00000	.000	1
S1	.10000	.10202	.002	2.02	.00064	.000	1
S3	2.5000	2.6373	.137	5.49	.01675	.000	1
S4	5.0000	4.9397	-.060	-1.21	.03136	.001	1
S5	10.000	9.9023	-.098	-.977	.06287	.000	1
S2	.80000	.81864	.019	2.33	.00520	.000	1



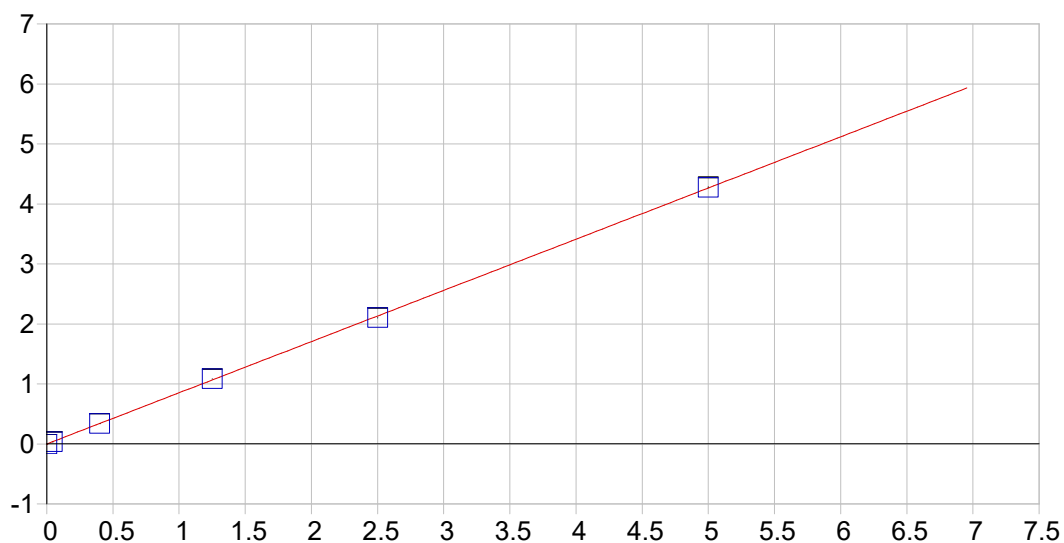


Mg 279.079 {121}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000258 Re-Slope: 1.000000
 A1 (Gain): 0.020837 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999778 Status: OK.
 Std Error of Est: 0.000232
 Predicted MDL: 0.018550
 Predicted MQL: 0.061833

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00025	-.000	.000	-.00026	.000	1
S2	4.0000	4.0811	.081	2.03	.08478	.001	1
S3	12.500	12.933	.433	3.47	.26924	.002	1
S4	25.000	25.071	.071	.286	.52216	.003	1
S5	50.000	49.251	-.749	-1.50	1.0260	.003	1
S1	2.0000	2.1635	.164	8.18	.04482	.001	1

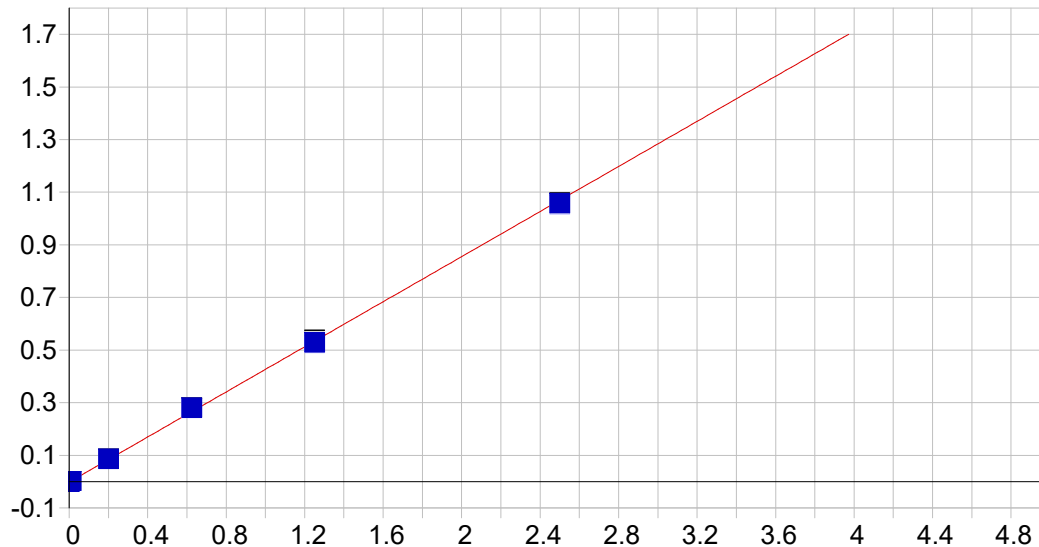


Ni 231.604 {446}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000929 Re-Slope: 1.000000
A1 (Gain): 0.853178 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999953 Status: OK.
Std Error of Est: 0.000194
Predicted MDL: 0.000456
Predicted MQL: 0.001518

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00093	.000	1
S1	.04000	.03946	-.001	-1.35	.03274	.000	1
S3	1.2500	1.2711	.021	1.69	1.0836	.001	1
S4	2.5000	2.4662	-.034	-1.35	2.1032	.003	1
S5	5.0000	5.0140	.014	.280	4.2769	.008	1
S2	.40000	.39923	-.001	-.193	.33968	.001	1

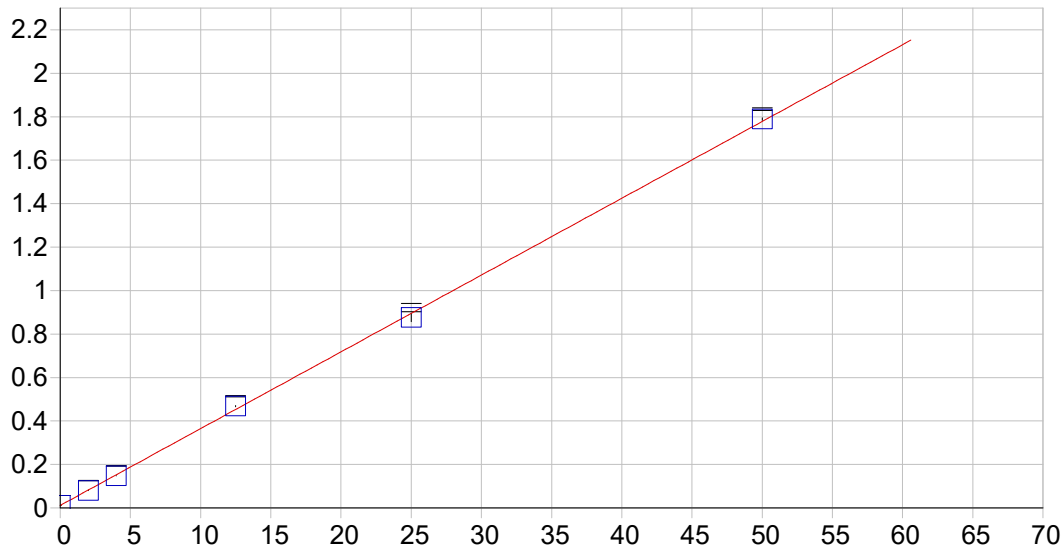


Ag 328.068 {103}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001920	Re-Slope:	1.000000
A1 (Gain):	0.428533	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999735	Status:	OK.
Std Error of Est:	0.000081		
Predicted MDL:	0.000494		
Predicted MQL:	0.001646		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00192	.000	1
S1	.01000	.01008	.000	.834	.00237	.000	1
S3	.62500	.65906	.034	5.45	.27949	.000	1
S4	1.2500	1.2383	-.012	-.934	.52670	.010	1
S5	2.5000	2.4723	-.028	-1.11	1.0535	.003	1
S2	.20000	.20521	.005	2.60	.08569	.000	1

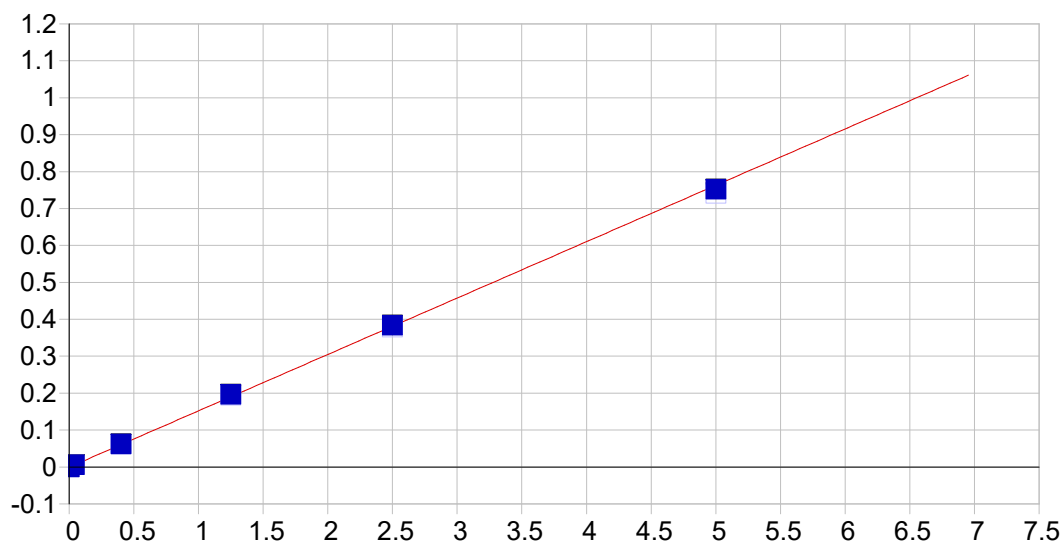


Na 589.592 { 57}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011598 Re-Slope: 1.000000
 A1 (Gain): 0.035330 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999819 Status: OK.
 Std Error of Est: 0.000356
 Predicted MDL: 0.011316
 Predicted MQL: 0.037719

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00010	.000	.000	.01160	.000	1
S2	4.0000	3.8592	-.141	-3.52	.14794	.001	1
S3	12.500	12.917	.417	3.33	.46794	.003	1
S4	25.000	24.476	-.524	-2.10	.87632	.019	1
S5	50.000	50.313	.313	.626	1.7891	.006	1
S1	2.0000	1.9352	-.065	-3.24	.07997	.001	1

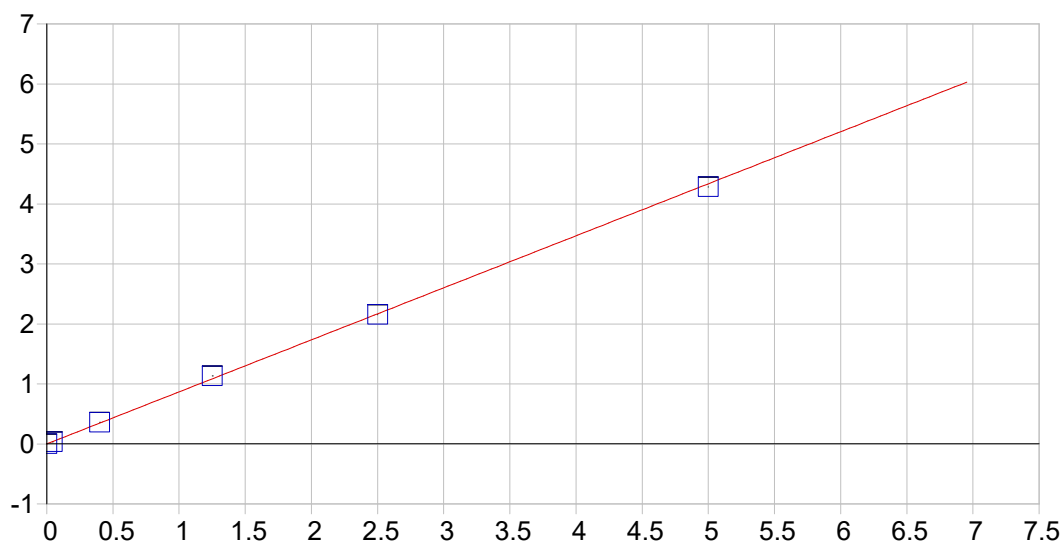


V 292.402 {115}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000578 Re-Slope: 1.000000
 A1 (Gain): 0.152684 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999834 Status: OK.
 Std Error of Est: 0.000064
 Predicted MDL: 0.002770
 Predicted MQL: 0.009234

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00058	.000	1
S1	.04000	.04239	.002	5.96	.00566	.000	1
S3	1.2500	1.2919	.042	3.35	.19389	.001	1
S4	2.5000	2.5177	.018	.708	.37827	.001	1
S5	5.0000	4.9281	-.072	-1.44	.74073	.001	1
S2	.40000	.41000	.010	2.50	.06113	.000	1

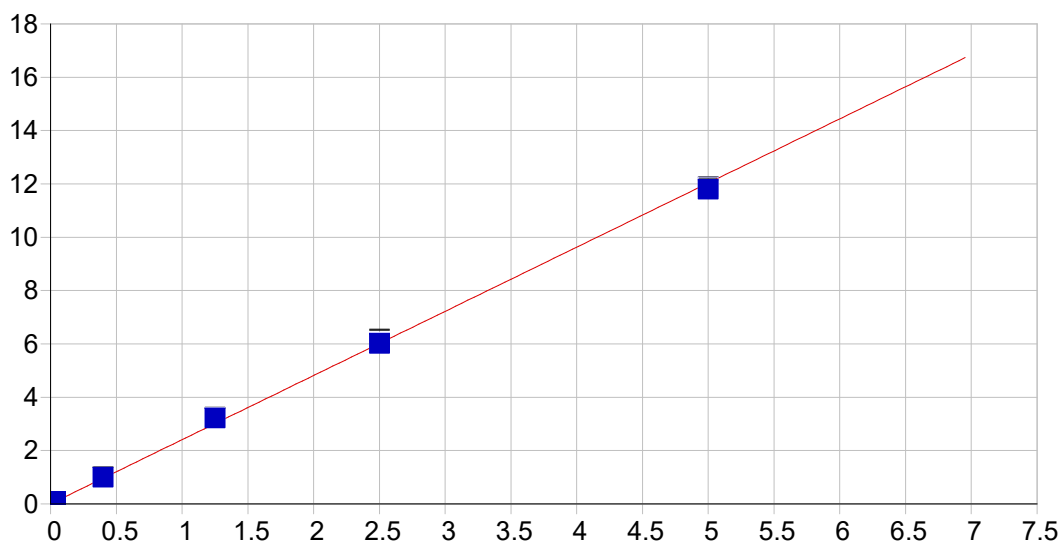


Zn 206.200 {464}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000259 Re-Slope: 1.000000
 A1 (Gain): 0.867092 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999772 Status: OK.
 Std Error of Est: 0.000435
 Predicted MDL: 0.000321
 Predicted MQL: 0.001068

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00025	.000	1
S1	.04000	.04229	.002	5.72	.03693	.000	1
S3	1.2500	1.3075	.058	4.60	1.1340	.002	1
S4	2.5000	2.4851	-.015	-.596	2.1551	.004	1
S5	5.0000	4.9397	-.060	-1.21	4.2834	.004	1
S2	.40000	.41543	.015	3.86	.36048	.001	1

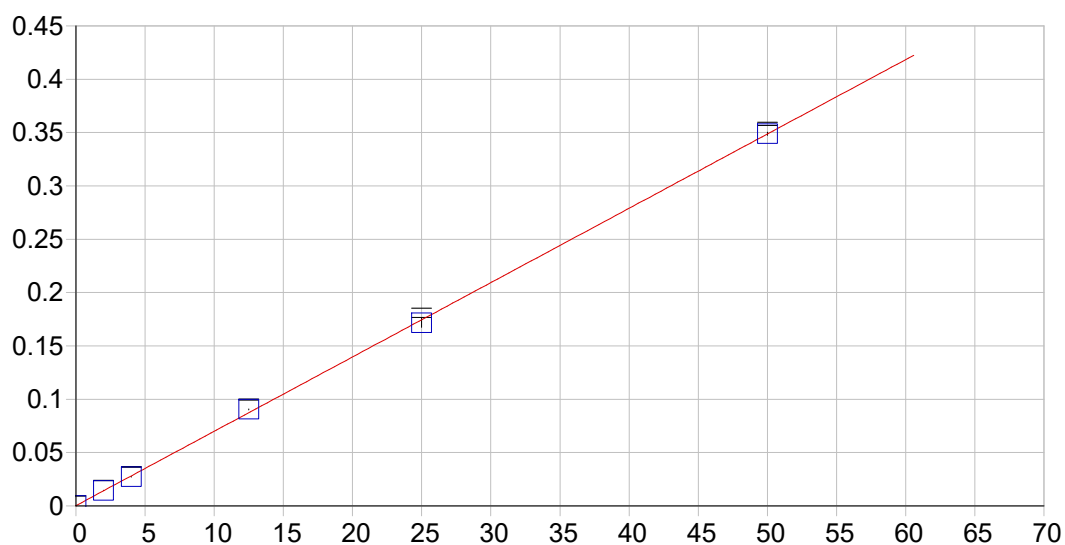


Zn 213.856 {158}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002388	Re-Slope:	1.000000
A1 (Gain):	2.406317	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999549	Status:	OK.
Std Error of Est:	0.001709		
Predicted MDL:	0.000389		
Predicted MQL:	0.001298		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00237	.000	1
S1	.04000	.04236	.002	5.91	.10500	.001	1
S3	1.2500	1.3346	.085	6.77	3.2348	.015	1
S4	2.5000	2.4988	-.001	-.049	6.0571	.127	1
S5	5.0000	4.8996	-.100	-2.01	11.876	.018	1
S2	.40000	.41462	.015	3.65	1.0068	.003	1

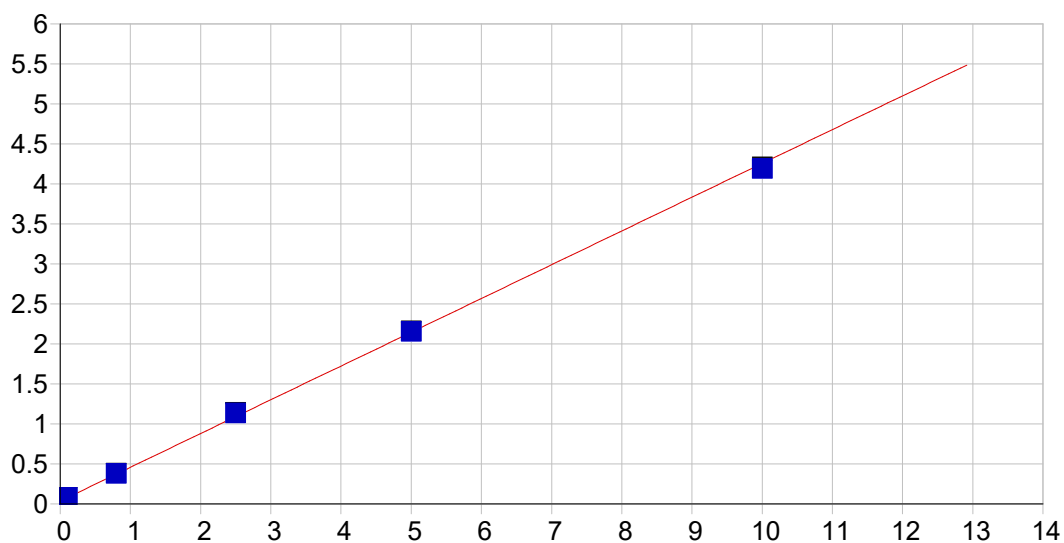


K 766.490 { 44}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000287 Re-Slope: 1.000000
 A1 (Gain): 0.006968 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857 Status: OK.
 Std Error of Est: 0.000062
 Predicted MDL: 0.056927
 Predicted MQL: 0.189757

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00029	.000	1
S2	4.0000	3.8801	-.120	-3.00	.02732	.000	1
S3	12.500	12.945	.445	3.56	.09049	.001	1
S4	25.000	24.603	-.397	-1.59	.17172	.004	1
S5	50.000	50.028	.028	.056	.34888	.001	1
S1	2.0000	2.0442	.044	2.21	.01453	.000	1

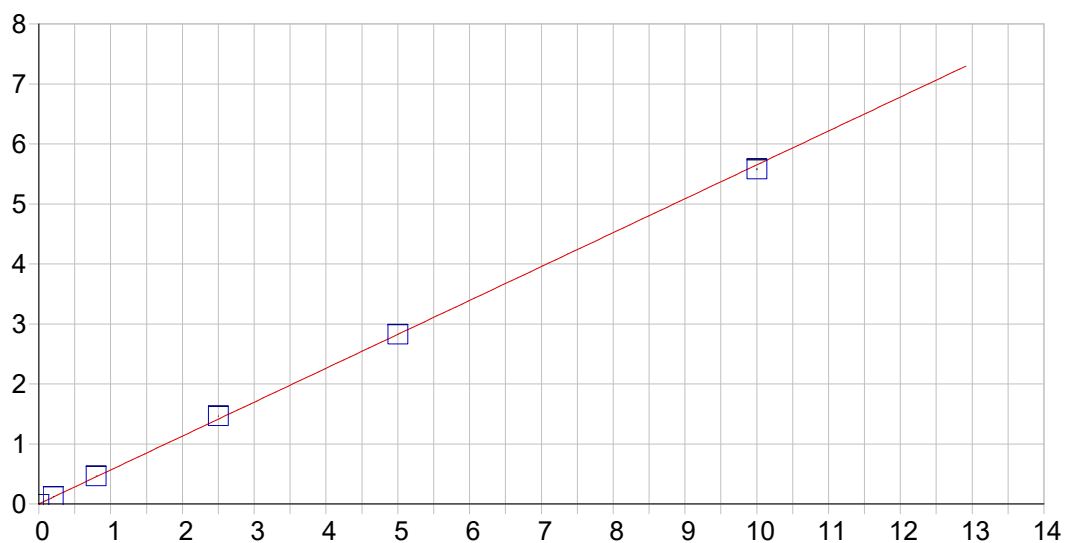


B 249.678 {135}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.035272 Re-Slope: 1.000000
 A1 (Gain): 0.422073 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999803 Status: OK.
 Std Error of Est: 0.000439
 Predicted MDL: 0.001161
 Predicted MQL: 0.003872

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.03527	.001	1
S1	.10000	.10337	.003	3.37	.07874	.001	1
S3	2.5000	2.6034	.103	4.14	1.1325	.008	1
S4	5.0000	5.0231	.023	.462	2.1522	.006	1
S5	10.000	9.8502	-.150	-1.50	4.1864	.019	1
S2	.80000	.81993	.020	2.49	.38083	.001	1

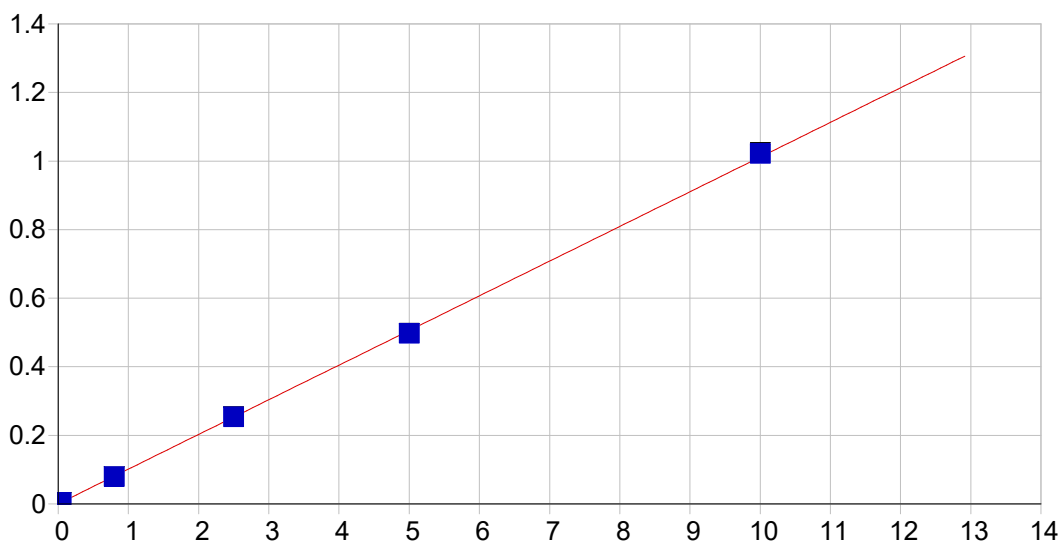


Mo 202.030 {467}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000546 Re-Slope: 1.000000
 A1 (Gain): 0.565029 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999818 Status: OK.
 Std Error of Est: 0.000801
 Predicted MDL: 0.000496
 Predicted MQL: 0.001655

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00053	.000	1
S1	.20000	.21685	.017	8.43	.12308	.000	1
S3	2.5000	2.5910	.091	3.64	1.4645	.002	1
S4	5.0000	4.9989	-.001	-.022	2.8251	.003	1
S5	10.000	9.8750	-.125	-1.25	5.5802	.010	1
S2	.80000	.81826	.018	2.28	.46289	.001	1

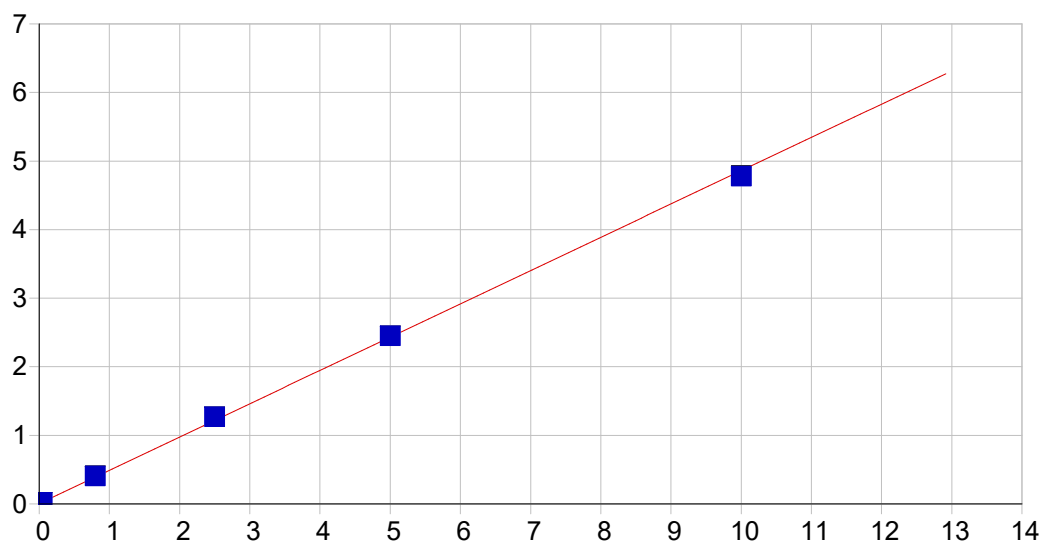


Sn 189.989 {478}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000303	Re-Slope:	1.000000
A1 (Gain):	0.101121	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999915	Status:	OK.
Std Error of Est:	0.000044		
Predicted MDL:	0.001506		
Predicted MQL:	0.005022		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00030	.000	1
S1	.04000	.03836	-.002	-4.11	.00418	.000	1
S3	2.5000	2.5032	.003	.130	.25318	.000	1
S4	5.0000	4.9130	-.087	-1.74	.49659	.001	1
S5	10.000	10.104	.104	1.04	1.0210	.003	1
S2	.80000	.78140	-.019	-2.32	.07924	.000	1

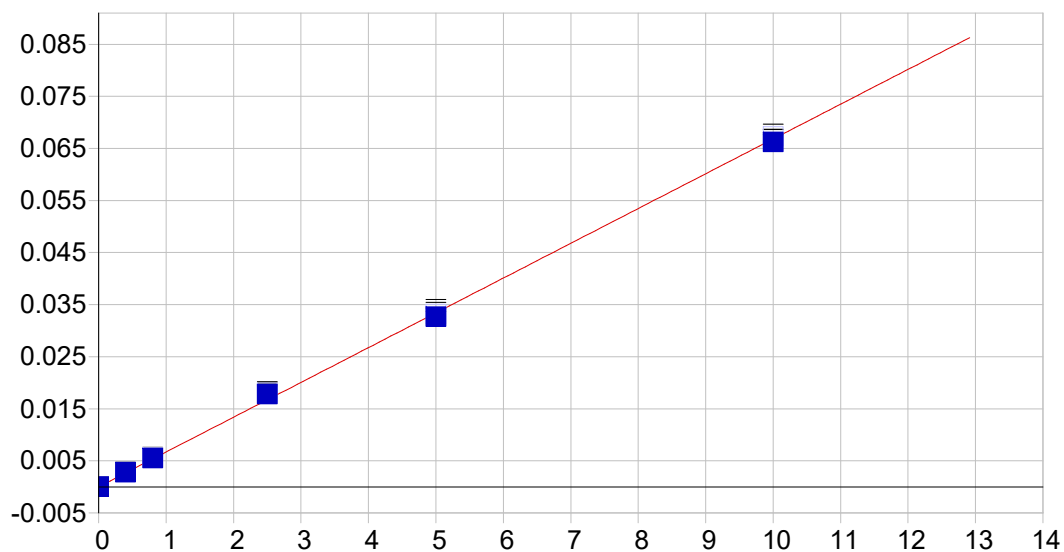


Ti 336.121 {100}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003880 Re-Slope: 1.000000
 A1 (Gain): 0.485515 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999775 Status: OK.
 Std Error of Est: 0.000341
 Predicted MDL: 0.001202
 Predicted MQL: 0.004007

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00388	.001	1
S1	.04000	.03969	-.000	-.779	.02313	.000	1
S3	2.5000	2.6037	.104	4.15	1.2676	.002	1
S4	5.0000	5.0353	.035	.705	2.4477	.003	1
S5	10.000	9.8340	-.166	-1.66	4.7767	.009	1
S2	.80000	.82744	.027	3.43	.40547	.001	1

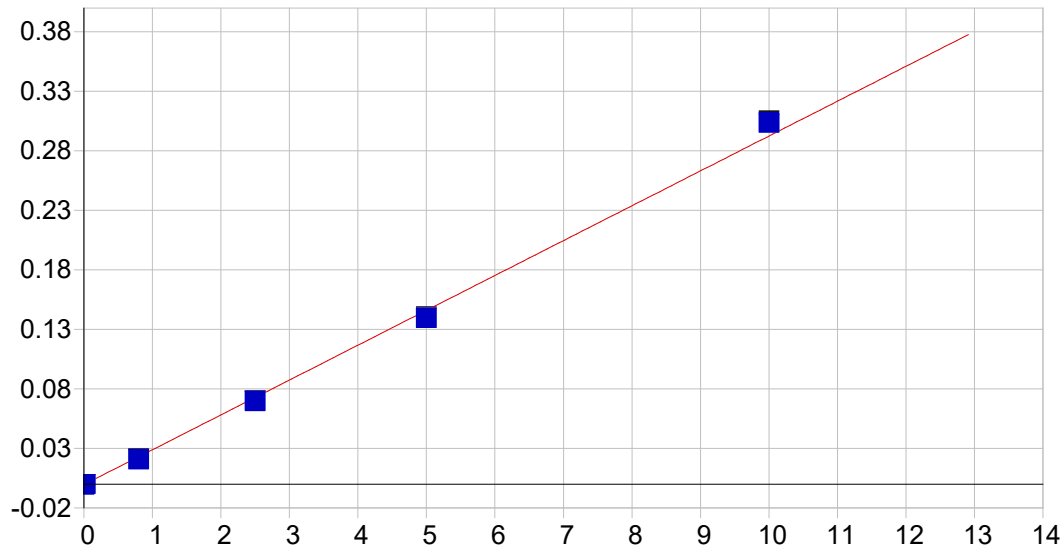


Si 288.158 {117}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000017 Re-Slope: 1.000000
 A1 (Gain): 0.006680 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999619 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.013367
 Predicted MQL: 0.044555

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00002	.000	1
S1	.40000	.41294	.013	3.24	.00278	.000	1
S3	2.5000	2.6596	.160	6.39	.01804	.000	1
S4	5.0000	4.8895	-.111	-2.21	.03319	.001	1
S5	10.000	9.9122	-.088	-.878	.06725	.000	1
S2	.80000	.82596	.026	3.25	.00562	.000	1

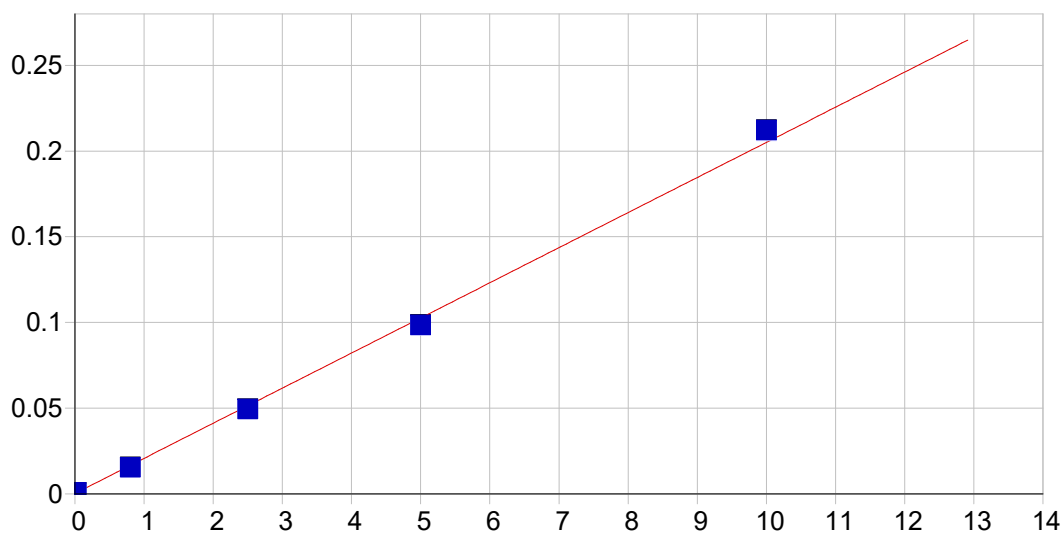


P 177.495 {490}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000434 Re-Slope: 1.000000
 A1 (Gain): 0.029289 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999064 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.005139
 Predicted MQL: 0.017129

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00043	.000	1
S1	.02000	.02049	.000	2.45	.00017	.000	1
S3	2.5000	2.3948	-.105	-4.21	.06969	.000	1
S4	5.0000	4.7861	-.214	-4.28	.13972	.001	1
S5	10.000	10.387	.387	3.87	.30373	.001	1
S2	.80000	.73188	-.068	-8.51	.02100	.000	1

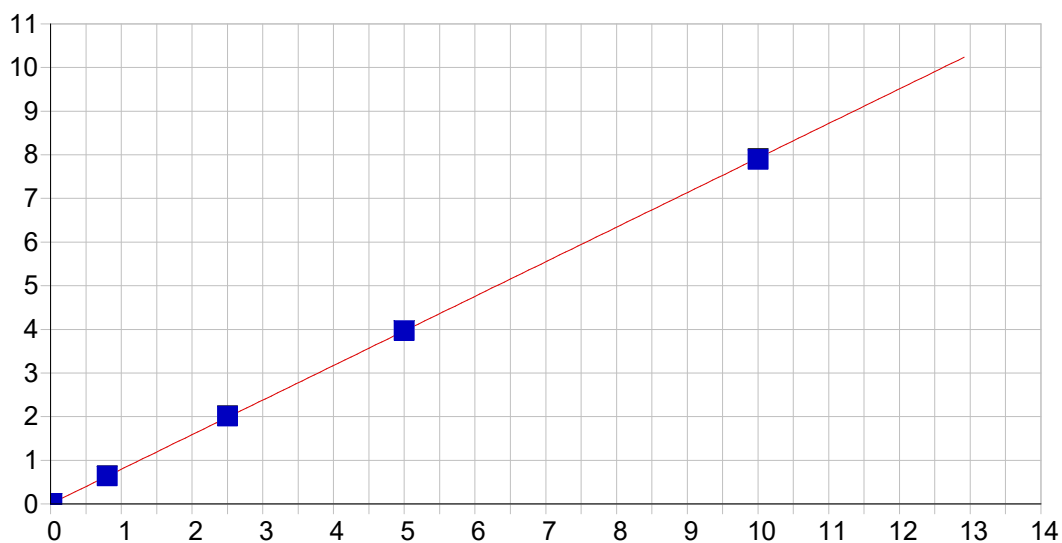


S 182.034 {485}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000258	Re-Slope:	1.000000
A1 (Gain):	0.020481	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999237	Status:	OK.
Std Error of Est:	0.000019		
Predicted MDL:	0.006924		
Predicted MQL:	0.023080		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00026	.000	1
S1	.02000	.02079	.001	3.96	.00067	.000	1
S3	2.5000	2.4064	-.094	-3.74	.04939	.000	1
S4	5.0000	4.7962	-.204	-4.08	.09818	.000	1
S5	10.000	10.351	.351	3.51	.21164	.000	1
S2	.80000	.74587	-.054	-6.77	.01548	.000	1

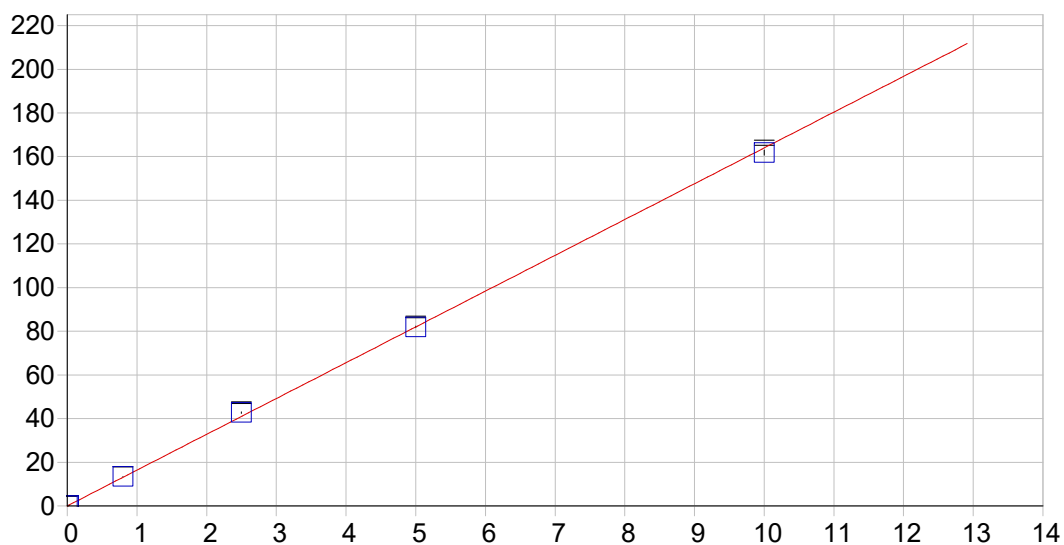


Li 670.784 { 50}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001707 Re-Slope: 1.000000
 A1 (Gain): 0.792445 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000150
 Predicted MDL: 0.002160
 Predicted MQL: 0.007198

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00171	.001	1
S5	10.000	9.9597	-.040	-.403	7.8975	.012	1
S4	5.0000	5.0079	.008	.157	3.9718	.004	1
S3	2.5000	2.5323	.032	1.29	2.0092	.006	1
S1	.02000	.01656	-.003	-17.2	.01497	.001	1
S2	.80000	.80369	.004	.461	.63886	.002	1

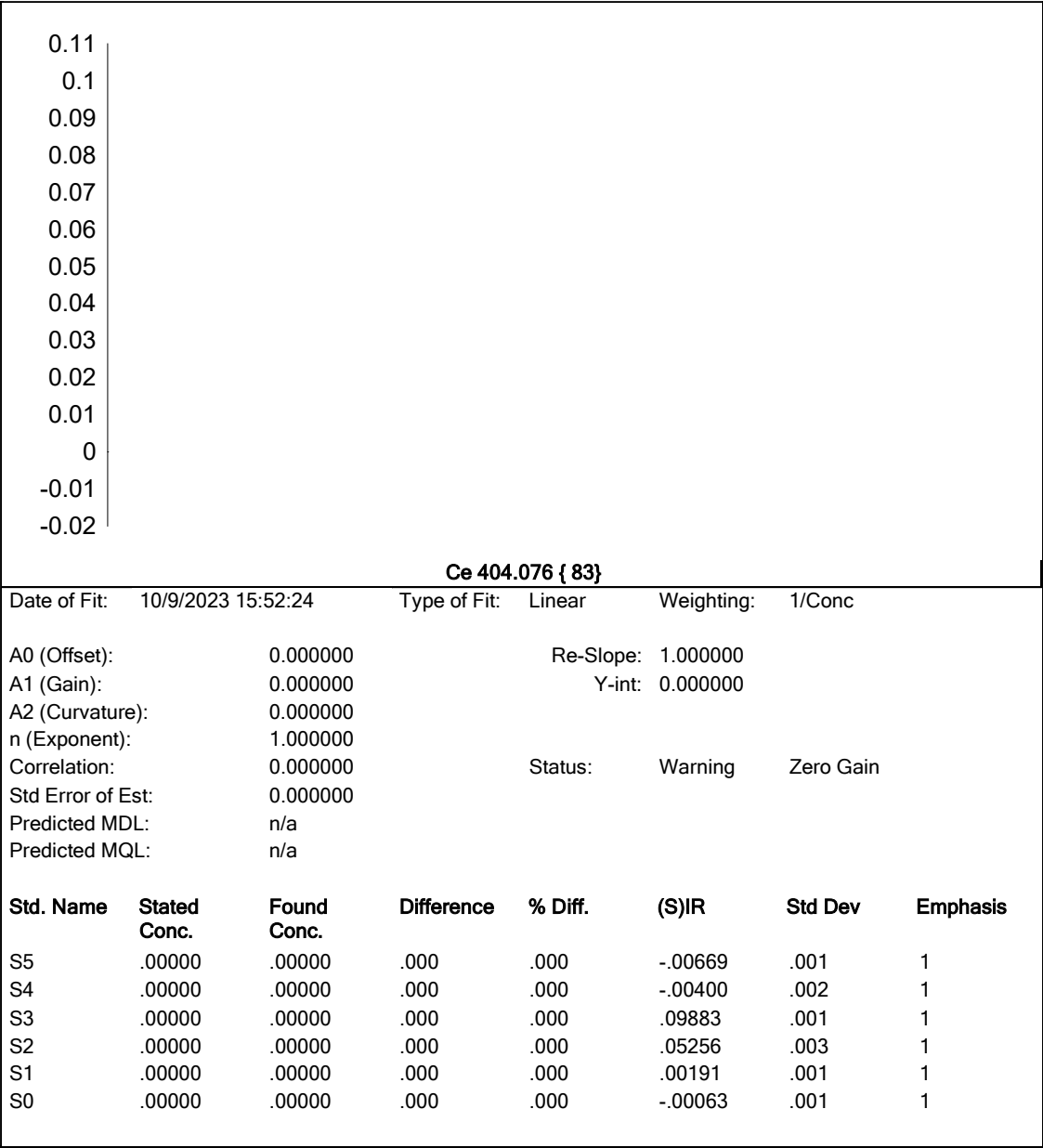


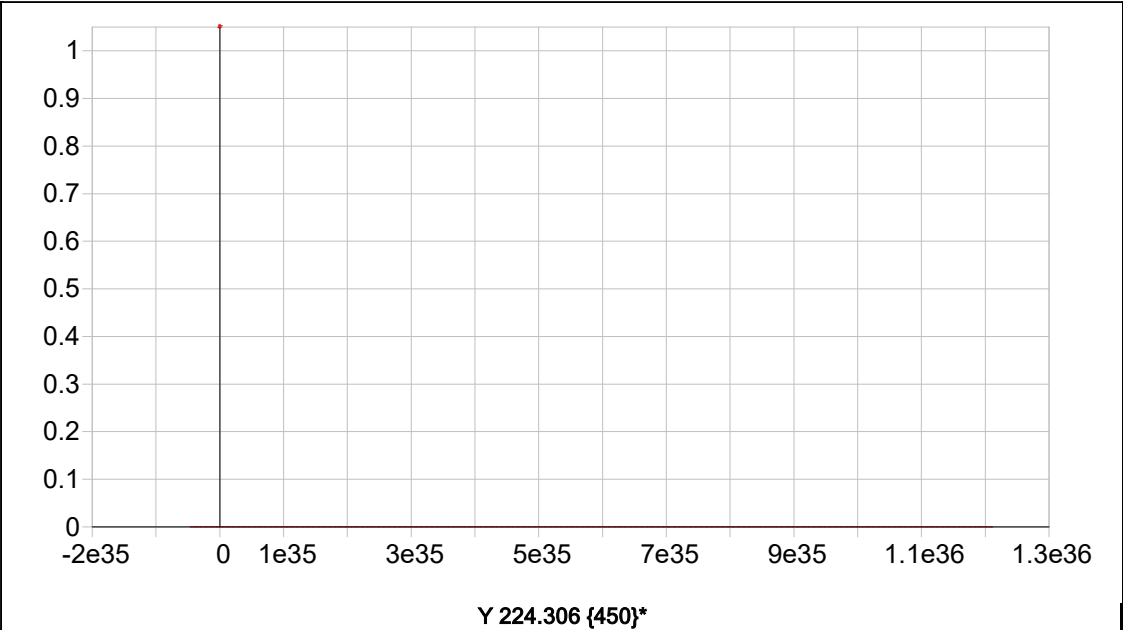
Sr 407.771 { 83}

Date of Fit: 10/9/2023 15:52:24 Type of Fit: Linear Weighting: 1/Conc

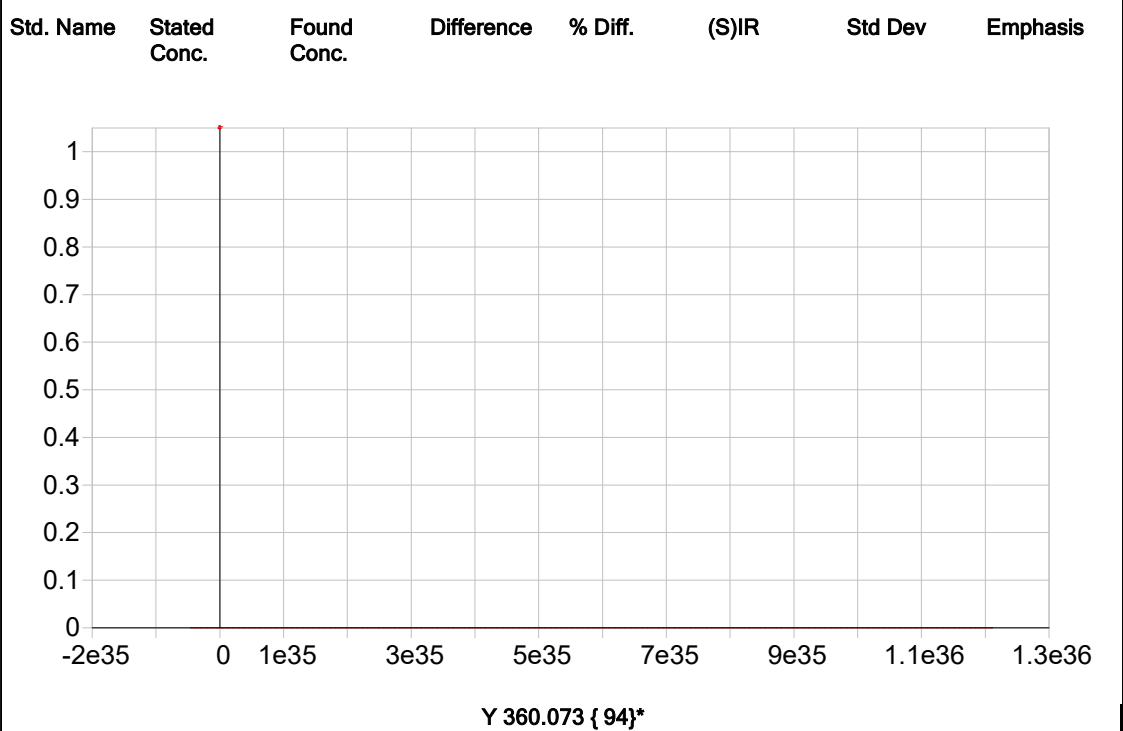
A0 (Offset):	0.001899	Re-Slope:	1.000000
A1 (Gain):	16.396522	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999817	Status:	OK.
Std Error of Est:	0.007360		
Predicted MDL:	0.000068		
Predicted MQL:	0.000225		

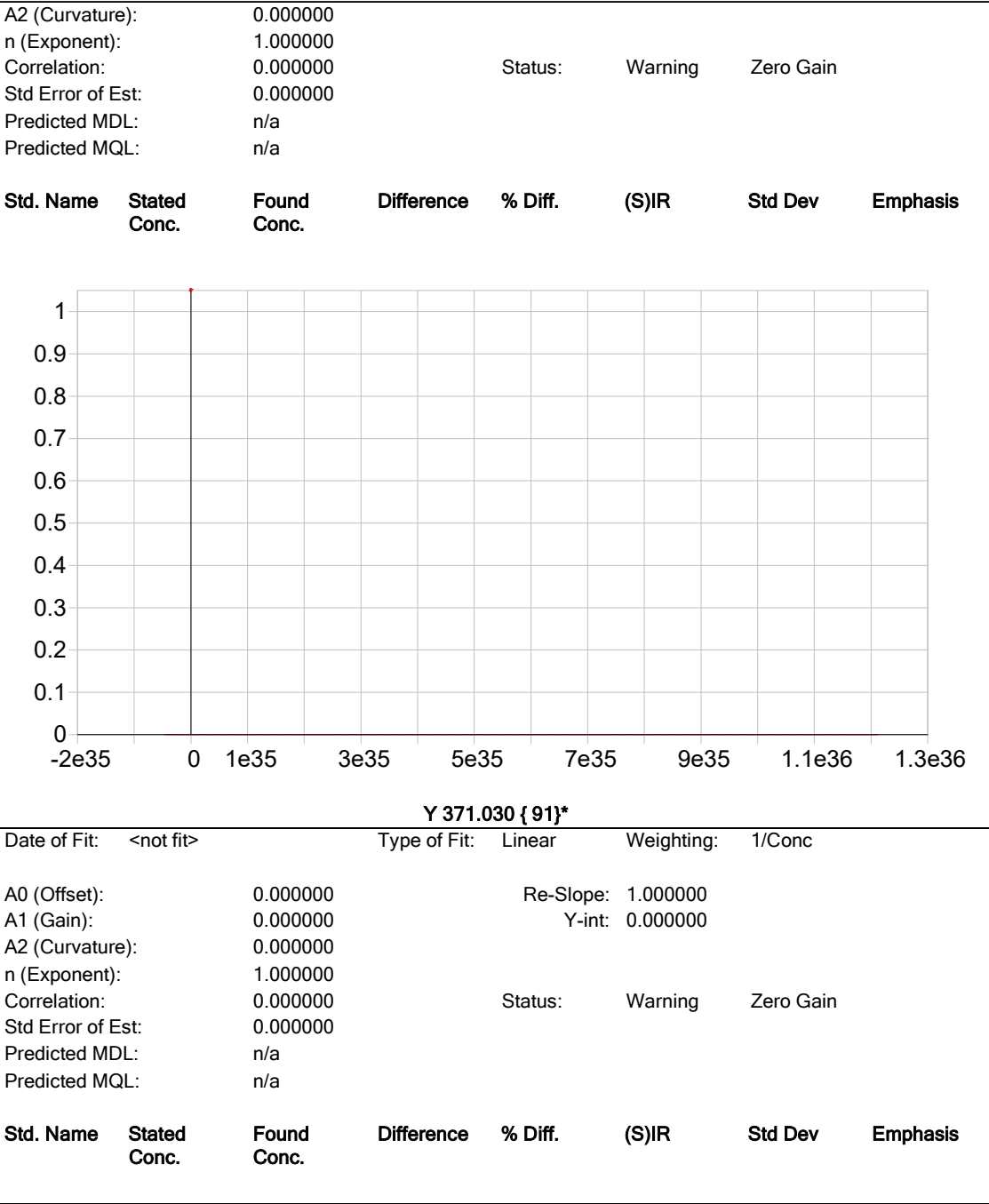
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00187	.000	1
S1	.02000	.02083	.001	4.13	.34336	.001	1
S3	2.5000	2.6074	.107	4.30	42.755	.340	1
S4	5.0000	5.0000	.000	.000	81.985	.375	1
S5	10.000	9.8727	-.127	-1.27	161.88	1.17	1
S2	.80000	.81902	.019	2.38	13.431	.069	1

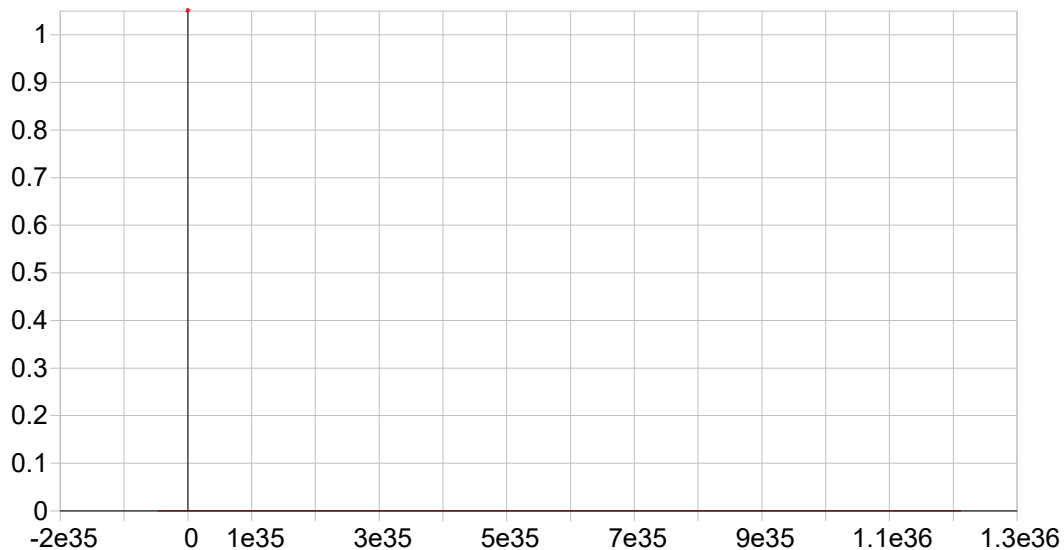




Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Y 224.306 {150}*

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

In 230.606 {446}*

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

A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

Sample Name: S0 Acquired: 10/9/2023 12:53:16 Type: Cal
Method: NON EPA-6010-200.7(v2025) 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	.00024	.00095	.00007	.00055	.00033	.10015	.00147
Stddev	.00024	.00016	.00036	.00008	.00013	.00019	.00100	.00019
%RSD	321.01	64.339	38.535	118.54	23.173	58.215	.99977	13.141

#1	.00006	.00041	.00123	.00010	.00070	.00018	.09935	.00169
#2	-.00035	.00011	.00054	.00014	.00049	.00055	.10127	.00135
#3	.00007	.00021	.00107	-.00002	.00047	.00026	.09982	.00136

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00050	.00211	.00001	.00018	-.00087	-.00000	-.00006	-.00026
Stddev	.00006	.00084	.00003	.00009	.00041	.00003	.00014	.00024
%RSD	11.856	39.796	654.84	52.334	47.592	907.96	243.94	90.137

#1	.00055	.00238	-.00001	.00024	-.00041	.00003	-.00020	-.00053
#2	.00051	.00117	-.00002	.00007	-.00120	-.00004	-.00004	-.00009
#3	.00044	.00277	.00005	.00023	-.00099	-.00000	.00007	-.00017

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00093	-.00192	.01160	-.00058	.00237	.00029	.03527	.00053
Stddev	.00024	.00007	.00039	.00010	.00043	.00015	.00087	.00018
%RSD	25.522	3.6067	3.3273	16.866	18.195	53.142	2.4756	33.056

#1	-.00078	-.00199	.01142	-.00047	.00207	.00030	.03429	.00035
#2	-.00081	-.00186	.01134	-.00060	.00218	.00013	.03597	.00070
#3	-.00120	-.00191	.01204	-.00067	.00287	.00043	.03554	.00054

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	Ce4040
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00030	.00388	.00002	-.00043	.00026	.00171	.00187	-.00063
Stddev	.00019	.00054	.00014	.00011	.00002	.00083	.00036	.00098
%RSD	62.477	13.854	812.57	25.182	9.0390	48.434	19.145	155.46

#1	.00031	.00364	-.00002	-.00031	.00023	.00121	.00154	-.00034
#2	.00049	.00350	-.00010	-.00051	.00028	.00267	.00225	.00017
#3	.00011	.00449	.00017	-.00048	.00027	.00126	.00182	-.00173

Sample Name: S0 Acquired: 10/9/2023 12:53:16 Type: Cal
Method: NON EPA-6010-200.7(v2025) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2003.2	40262.	7609.6	1768.6	2767.8
Stddev	5.5	213.	214.7	9.3	10.3
%RSD	.27397	.52817	2.8219	.52325	.37172
#1	1996.9	40023.	7857.5	1765.0	2756.2
#2	2005.7	40430.	7483.8	1761.7	2771.8
#3	2007.0	40333.	7487.4	1779.1	2775.6

Sample Name: S1 Acquired: 10/9/2023 12:57:17 Type: Cal
Method: NON EPA-6010-200.7(v2025) 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	.00076	.00310	.00389	.00094	.00790	.00894	.34541	.03623
Stddev	.00024	.00010	.00029	.00031	.00008	.00042	.00502	.00031
%RSD	31.128	3.2430	7.4637	32.602	1.0341	4.7463	1.4530	.84294

#1	.00077	.00315	.00374	.00066	.00796	.00871	.33969	.03597
#2	.00051	.00298	.00422	.00089	.00792	.00943	.34908	.03657
#3	.00098	.00315	.00370	.00126	.00781	.00868	.34746	.03616

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01726	.12521	.00281	.02686	.01551	.00064	.01631	.04482
Stddev	.00013	.00062	.00013	.00028	.00039	.00003	.00031	.00055
%RSD	.75922	.49431	4.7078	1.0468	2.4823	5.4550	1.9223	1.2218

#1	.01736	.12554	.00296	.02704	.01509	.00064	.01631	.04435
#2	.01731	.12450	.00276	.02653	.01585	.00068	.01600	.04469
#3	.01711	.12560	.00271	.02700	.01560	.00061	.01662	.04543

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03274	.00237	.07997	.00566	.10500	.01453	.07874	.12308
Stddev	.00019	.00015	.00074	.00021	.00129	.00012	.00053	.00049
%RSD	.59396	6.4045	.91957	3.6703	1.2281	.85074	.67917	.39428

#1	.03268	.00253	.07952	.00580	.10569	.01446	.07843	.12349
#2	.03295	.00223	.08082	.00543	.10580	.01445	.07843	.12254
#3	.03258	.00236	.07957	.00576	.10351	.01467	.07936	.12320

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	Ce4040
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00418	.02313	.00278	.00017	.00067	.01497	.34336	.00191
Stddev	.00020	.00041	.00005	.00006	.00006	.00105	.00053	.00139
%RSD	4.8774	1.7718	1.8778	38.793	9.1500	7.0449	.15428	72.658

#1	.00397	.02266	.00274	.00022	.00060	.01422	.34382	.00171
#2	.00419	.02338	.00284	.00019	.00072	.01617	.34278	.00063
#3	.00437	.02336	.00276	.00009	.00067	.01450	.34348	.00339

Sample Name: S1 Acquired: 10/9/2023 12:57:17 Type: Cal
Method: NON EPA-6010-200.7(v2025) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1982.9	39205.	7557.2	1758.8	2682.5
Stddev	6.6	97.	55.4	8.5	7.8
%RSD	.33418	.24804	.73325	.48276	.29184
#1	1976.6	39097.	7533.7	1751.4	2674.4
#2	1989.8	39230.	7620.5	1768.1	2690.0
#3	1982.2	39287.	7517.4	1757.0	2683.1

Sample Name: S2 Acquired: 10/9/2023 13:01:17 Type: Cal
Method: NON EPA-6010-200.7(v2025) 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	.03730	.06117	.16536	.04173	.11597	.13951	4.1217	.23640
Stddev	.00020	.00033	.00017	.00036	.00021	.00066	.0120	.00153
%RSD	.54391	.54251	.10064	.87298	.17912	.47580	.29030	.64927

#1	.03714	.06100	.16554	.04133	.11620	.13894	4.1090	.23714
#2	.03725	.06097	.16522	.04203	.11589	.14024	4.1327	.23464
#3	.03753	.06156	.16531	.04183	.11581	.13934	4.1236	.23744

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0724	.24494	.04647	.35777	.15550	.00520	.33086	.08478
Stddev	.0021	.00086	.00015	.00055	.00078	.00009	.00255	.00073
%RSD	.19071	.35240	.33068	.15384	.50188	1.7284	.77111	.86516

#1	1.0701	.24449	.04649	.35721	.15569	.00514	.33084	.08435
#2	1.0733	.24593	.04661	.35831	.15464	.00530	.32833	.08436
#3	1.0739	.24439	.04631	.35778	.15617	.00514	.33343	.08563

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.33968	.08569	.14794	.06113	1.0068	.02732	.38083	.46289
Stddev	.00148	.00020	.00065	.00023	.0033	.00028	.00101	.00119
%RSD	.43535	.23847	.44216	.38395	.32637	1.0081	.26434	.25753

#1	.33831	.08593	.14749	.06125	1.0066	.02710	.38170	.46237
#2	.33950	.08557	.14869	.06086	1.0101	.02763	.37973	.46204
#3	.34125	.08557	.14764	.06129	1.0036	.02724	.38106	.46425

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	Ce4040
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07924	.40547	.00562	.02100	.01548	.63886	13.431	.05256
Stddev	.00022	.00120	.00008	.00019	.00007	.00169	.069	.00296
%RSD	.27276	.29601	1.3809	.92463	.43918	.26437	.51521	5.6350

#1	.07899	.40418	.00553	.02086	.01541	.63708	13.381	.05477
#2	.07940	.40655	.00567	.02091	.01554	.63905	13.402	.04919
#3	.07931	.40568	.00565	.02122	.01550	.64044	13.510	.05372

Sample Name: S2 Acquired: 10/9/2023 13:01:17 Type: Cal
Method: NON EPA-6010-200.7(v2025) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2001.0	39675.	7561.5	1774.9	2692.9
Stddev	4.0	318.	66.4	8.2	3.7
%RSD	.20034	.80171	.87877	.46224	.13602
#1	1997.0	39363.	7485.0	1769.6	2689.9
#2	2005.0	39664.	7594.5	1770.7	2691.9
#3	2001.0	39998.	7604.9	1784.3	2697.0

Sample Name: S3 Acquired: 10/9/2023 13:05:05 Type: Cal
Method: NON EPA-6010-200.7(v2025) 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	.11807	.19471	.52335	.13132	.36499	.44174	12.885	.74756
Stddev	.00060	.00043	.00129	.00011	.00022	.00142	.039	.00328
%RSD	.50996	.21972	.24714	.08222	.06096	.32215	.30199	.43934

#1	.11751	.19500	.52266	.13122	.36483	.44165	12.882	.74377
#2	.11870	.19491	.52484	.13144	.36525	.44036	12.847	.74954
#3	.11798	.19422	.52254	.13130	.36490	.44320	12.925	.74937

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.3993	.77296	.14869	1.1404	.48871	.01675	1.0518	.26924
Stddev	.0023	.00278	.00025	.0013	.00061	.00012	.0034	.00219
%RSD	.06752	.36009	.16572	.11730	.12547	.71849	.32804	.81188

#1	3.3968	.77138	.14872	1.1389	.48941	.01687	1.0480	.26691
#2	3.4013	.77132	.14843	1.1412	.48847	.01663	1.0549	.26956
#3	3.3998	.77617	.14892	1.1412	.48825	.01675	1.0523	.27124

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0836	.27949	.46794	.19389	3.2348	.09049	1.1325	1.4645
Stddev	.0012	.00042	.00295	.00100	.0147	.00054	.0085	.0018
%RSD	.11055	.14853	.63145	.51687	.45457	.59797	.75027	.12398

#1	1.0836	.27904	.47108	.19306	3.2185	.09080	1.1233	1.4654
#2	1.0847	.27986	.46521	.19359	3.2387	.08986	1.1401	1.4624
#3	1.0824	.27956	.46753	.19500	3.2472	.09080	1.1340	1.4657

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	Ce4040
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.25318	1.2676	.01804	.06969	.04939	2.0092	42.755	.09883
Stddev	.00046	.0021	.00027	.00039	.00006	.0056	.340	.00142
%RSD	.17994	.16366	1.4925	.55839	.12624	.27966	.79542	1.4382

#1	.25275	1.2666	.01831	.06929	.04937	2.0089	42.399	.09721
#2	.25366	1.2662	.01777	.06973	.04946	2.0038	43.077	.09984
#3	.25312	1.2699	.01803	.07006	.04934	2.0150	42.787	.09946

Sample Name: S3 Acquired: 10/9/2023 13:05:05 Type: Cal
Method: NON EPA-6010-200.7(v2025) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1988.1	38036.	7557.3	1731.6	2626.6
Stddev	4.1	90.	24.7	3.5	6.0
%RSD	.20776	.23576	.32713	.20342	.22699
#1	1985.2	37940.	7585.6	1732.4	2626.4
#2	1986.3	38118.	7540.1	1727.7	2620.8
#3	1992.8	38051.	7546.0	1734.6	2632.7

Sample Name: S4 Acquired: 10/9/2023 13:08:58 Type: Cal
Method: NON EPA-6010-200.7(v2025) 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	.23145	.38035	1.0237	.25719	.69576	.85899	24.767	1.4152
Stddev	.00051	.00020	.0005	.00022	.00195	.00488	.127	.0037
%RSD	.22234	.05210	.05301	.08630	.28012	.56770	.51113	.26113

#1	.23152	.38048	1.0241	.25710	.69460	.85403	24.895	1.4192
#2	.23090	.38012	1.0231	.25702	.69467	.86377	24.641	1.4119
#3	.23192	.38045	1.0240	.25744	.69801	.85918	24.765	1.4144

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.6939	1.4830	.28393	2.2227	.93909	.03136	2.0235	.52216
Stddev	.0066	.0040	.00531	.0017	.00145	.00070	.0073	.00263
%RSD	.09813	.26839	1.8709	.07557	.15477	2.2259	.36327	.50452

#1	6.6910	1.4784	.27951	2.2238	.94032	.03064	2.0152	.51936
#2	6.6892	1.4849	.28983	2.2208	.93749	.03204	2.0293	.52255
#3	6.7014	1.4857	.28247	2.2237	.93946	.03141	2.0260	.52458

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.1032	.52670	.87632	.37827	6.0571	.17172	2.1522	2.8251
Stddev	.0031	.00975	.01919	.00107	.1267	.00431	.0062	.0026
%RSD	.14652	1.8520	2.1903	.28203	2.0924	2.5070	.28783	.09327

#1	2.1061	.51866	.85959	.37729	5.9550	.16767	2.1593	2.8244
#2	2.0999	.53755	.89727	.37811	6.1989	.17624	2.1495	2.8228
#3	2.1036	.52387	.87211	.37940	6.0173	.17125	2.1478	2.8280

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	Ce4040
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.49659	2.4477	.03319	.13972	.09818	3.9718	81.985	-.00400
Stddev	.00066	.0032	.00088	.00066	.00030	.0042	.375	.00150
%RSD	.13313	.13085	2.6391	.47254	.30380	.10467	.45741	37.530

#1	.49585	2.4440	.03241	.13924	.09842	3.9671	82.413	-.00362
#2	.49682	2.4493	.03413	.13945	.09827	3.9748	81.714	-.00272
#3	.49711	2.4497	.03302	.14047	.09785	3.9736	81.828	-.00566

Sample Name: S4 Acquired: 10/9/2023 13:08:58 Type: Cal
Method: NON EPA-6010-200.7(v2025) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.0	38975.	7528.7	1747.5	2554.5
Stddev	.3	680.	30.0	33.7	1.3
%RSD	.01584	1.7440	.39880	1.9279	.05163
#1	1966.2	39470.	7494.0	1774.9	2553.1
#2	1966.2	38200.	7546.6	1709.9	2555.0
#3	1965.7	39255.	7545.3	1757.8	2555.6

Sample Name: S5 Acquired: 10/9/2023 13:12:55 Type: Cal
Method: NON EPA-6010-200.7(v2025) 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	.47485	.76997	2.0929	.52800	1.4194	1.6825	48.214	2.7664
Stddev	.00083	.00204	.0034	.00105	.0026	.0022	.092	.0059
%RSD	.17416	.26507	.16465	.19850	.18629	.13011	.18990	.21338

#1	.47555	.77220	2.0966	.52918	1.4224	1.6814	48.279	2.7647
#2	.47394	.76819	2.0897	.52717	1.4184	1.6851	48.253	2.7729
#3	.47506	.76954	2.0925	.52766	1.4174	1.6811	48.109	2.7615

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	13.689	2.8913	.55743	4.5152	1.8755	.06287	3.9895	1.0260
Stddev	.015	.0073	.00128	.0056	.0034	.00045	.0038	.0026
%RSD	.10923	.25212	.22897	.12521	.18116	.72199	.09495	.24969

#1	13.706	2.8832	.55746	4.5211	1.8792	.06270	3.9935	1.0233
#2	13.677	2.8974	.55614	4.5098	1.8726	.06253	3.9891	1.0263
#3	13.684	2.8933	.55869	4.5146	1.8747	.06339	3.9859	1.0284

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.2769	1.0535	1.7891	.74073	11.876	.34888	4.1864	5.5802
Stddev	.0082	.0030	.0062	.00134	.018	.00148	.0194	.0100
%RSD	.19085	.28269	.34873	.18117	.15156	.42400	.46249	.17853

#1	4.2856	1.0564	1.7901	.73936	11.869	.34876	4.1867	5.5899
#2	4.2695	1.0505	1.7825	.74205	11.897	.34747	4.2056	5.5700
#3	4.2755	1.0535	1.7948	.74077	11.863	.35042	4.1669	5.5807

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	Ce4040
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0210	4.7767	.06725	.30373	.21164	7.8975	161.88	-.00669
Stddev	.0028	.0093	.00049	.00124	.00013	.0120	1.17	.00078
%RSD	.27673	.19541	.73074	.40886	.06371	.15202	.72151	11.702

#1	1.0241	4.7662	.06686	.30242	.21171	7.8852	160.68	-.00728
#2	1.0186	4.7841	.06708	.30489	.21172	7.9092	161.95	-.00580
#3	1.0203	4.7797	.06780	.30388	.21148	7.8982	163.01	-.00699

Sample Name: S5 Acquired: 10/9/2023 13:12:55 Type: Cal
Method: NON EPA-6010-200.7(v2025) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1871.2	37739.	7520.6	1704.0	2354.5
Stddev	3.1	127.	5.4	3.4	3.6
%RSD	.16361	.33601	.07165	.20180	.15242
#1	1874.3	37666.	7521.5	1704.1	2358.3
#2	1868.2	37885.	7514.8	1700.5	2351.2
#3	1871.1	37664.	7525.4	1707.4	2354.1

Sample Name: ICV01 Acquired: 10/9/2023 13:33:44 Type: Unk
Method: NON EPA-6010-200.7(v2027) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.043396	1.052759	1.012448	1.049785	1.013775	2.601822
Stddev	.004435	.011696	.003935	.007010	.003638	.012743
%RSD	.4250536	1.110972	.3886332	.6677228	.3588511	.4897831

#1	1.040012	1.059430	1.012605	1.057607	1.014581	2.599728
#2	1.041759	1.039254	1.008438	1.044073	1.009802	2.590255
#3	1.048417	1.059593	1.016302	1.047674	1.016943	2.615482

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4956767	.5206306	.5121933	10.22691	.5362048	.5095691
Stddev	.0027514	.0010616	.0029808	.04544	.0003285	.0028195
%RSD	.5550747	.2039029	.5819668	.4443100	.0612718	.5533065

#1	.4925601	.5217525	.5133377	10.17452	.5364631	.5108773
#2	.4967012	.5204974	.5088099	10.25060	.5358350	.5063332
#3	.4977689	.5196419	.5144323	10.25561	.5363163	.5114969

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5316994	10.18525	.5426367	6.030442	.5147010	.2514453
Stddev	.0025440	.03414	.0023192	.008854	.0027759	.0008570
%RSD	.4784685	.3352060	.4274015	.1468294	.5393162	.3408369

#1	.5326720	10.18762	.5400670	6.024619	.5158186	.2506617
#2	.5288126	10.21815	.5445746	6.026076	.5115406	.2523605
#3	.5336136	10.14999	.5432685	6.040632	.5167439	.2513136

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.18978	.5066399	1.060604	10.08335	2.367280	2.482449
Stddev	.01934	.0050532	.003452	.08352	.006794	.014993
%RSD	.1898215	.9974024	.3254452	.8283266	.2869763	.6039563

#1	10.16747	.5009786	1.064055	10.03192	2.366605	2.490999
#2	10.19991	.5082470	1.060607	10.03839	2.374386	2.465137
#3	10.20195	.5106942	1.057151	10.17972	2.360849	2.491211

Sample Name: ICV01 Acquired: 10/9/2023 13:33:44 Type: Unk
 Method: NON EPA-6010-200.7(v2027) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.368726	2.420353	2.414840	F .0040200	F .0078275	F -.006999
Stddev	.013280	.010427	.012304	.0043188	.0032084	.000907
%RSD	.5606451	.4308255	.5094990	107.4324	40.98842	12.95362

#1	2.367410	2.409777	2.403512	-.000951	.0044467	-.006505
#2	2.356153	2.420658	2.427930	.006848	.0082060	-.006446
#3	2.382616	2.430625	2.413078	.006163	.0108298	-.008045

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	F .0013429	zF *****
Stddev	.0000301	-----
%RSD	2.238473	-----

#1	.0013223	z 2895.227
#2	.0013290	z 2893.933
#3	.0013774	z 2905.119

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1984.650	37312.92	7567.273	1733.544	2657.978
Stddev	9.365	212.43	30.752	11.505	10.885
%RSD	.4718870	.5693198	.4063808	.6636431	.4095292

#1	1975.293	37089.40	7542.461	1721.748	2647.461
#2	1994.023	37337.19	7557.679	1734.149	2669.197
#3	1984.634	37512.17	7601.678	1744.734	2657.277

Sample Name: LLICV01 Acquired: 10/9/2023 13:38:20 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223344	.0391473	.0131277	.0185735	.0533850	.0983158
Stddev	.0010050	.0017286	.0016713	.0055021	.0005586	.0062849
%RSD	4.499671	4.415696	12.73106	29.62318	1.046377	6.392532

#1	.0233373	.0398811	.0125714	.0249138	.0534912	.1053197
#2	.0213274	.0403881	.0150062	.0150527	.0527809	.0931680
#3	.0223384	.0371729	.0118055	.0157540	.0538829	.0964596

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0921374	.0061017	.0059216	1.966858	.0096895	.0287103
Stddev	.0014975	.0001234	.0000738	.018871	.0002579	.0002695
%RSD	1.625231	2.021823	1.245480	.9594586	2.661518	.9388161

#1	.0918040	.0061391	.0060024	1.950107	.0097067	.0285527
#2	.0908347	.0059639	.0058579	1.963164	.0094234	.0285565
#3	.0937734	.0062019	.0059046	1.987303	.0099383	.0290215

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213236	.0914367	.0214278	2.095888	.0387483	.0101607
Stddev	.0006120	.0019725	.0003404	.015366	.0001026	.0005406
%RSD	2.869874	2.157207	1.588374	.7331596	.2648576	5.320781

#1	.0218396	.0925022	.0210367	2.085118	.0388667	.0102381
#2	.0206475	.0926474	.0216566	2.089062	.0386937	.0106585
#3	.0214837	.0891606	.0215901	2.113485	.0386844	.0095856

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.812297	.0438989	.0417567	1.896315	F .0577291	.2165090
Stddev	.011736	.0013337	.0003485	.037940	.0018832	.0007021
%RSD	.6476010	3.038088	.8347278	2.000707	3.262068	.3242972

#1	1.807068	.0448861	.0421036	1.855878	.0564289	.2172822
#2	1.804085	.0423817	.0417599	1.901936	.0568697	.2159113
#3	1.825740	.0444289	.0414066	1.931130	.0598886	.2163334

Sample Name: LLICV01 Acquired: 10/9/2023 13:38:20 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0368612	.0384350	.4201238	.0199987	.0183464	F .0128908
Stddev	.0001000	.0008006	.0033861	.0036221	.0028852	.0001427
%RSD	.2711428	2.082898	.8059824	18.11165	15.72649	1.106616

#1	.0369741	.0383272	.4193800	.0225268	.0175302	.0129822
#2	.0368256	.0392840	.4238200	.0216202	.0159572	.0127264
#3	.0367840	.0376938	.4171714	.0158492	.0215519	.0129638

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	.0217559	z *****
Stddev	.0000913	-----
%RSD	.4195395	-----

#1	.0216553	z 2814.985
#2	.0217792	z 2810.927
#3	.0218333	z 2823.121

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2000.468	38018.92	7531.290	1758.515	2738.616
Stddev	3.714	98.50	28.505	2.543	4.449
%RSD	.1856531	.2590695	.3784812	.1446076	.1624520

#1	1997.358	37998.46	7551.983	1755.659	2734.060
#2	2004.580	37932.26	7543.111	1760.536	2738.839
#3	1999.464	38126.04	7498.777	1759.349	2742.949

Sample Name: ICB01 Acquired: 10/9/2023 13:42:21 Type: Unk
Method: NON EPA-6010-200.7(v2025) 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	-.000061	.0019730	.0007486	-.002647	.0000475	-.004957	.0011487
Stddev	.006695	.0022947	.0005322	.002708	.0020942	.003404	.0013988
%RSD	10977.97	116.3063	71.09490	102.3071	4410.037	68.67678	121.7705

#1	.005009	.0028079	.0002339	.000429	-.000239	-.007373	.0001602
#2	-.007651	-.000622	.0007152	-.003698	.002270	-.001064	.0027492
#3	.002459	.003733	.0012968	-.004671	-.001889	-.006434	.0005367

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000188	-.000135	-.000068	-.000190	.0000623	-.000385	-.003884
Stddev	.0000270	.000034	.005914	.000258	.0001417	.000593	.010649
%RSD	143.7701	25.39302	8722.626	135.6588	227.4654	154.0689	274.2022

#1	.0000025	-.000107	-.005843	.000058	-.000052	-.001050	-.003818
#2	.0000499	-.000173	-.000336	-.000172	.000017	.000092	-.014566
#3	.0000039	-.000124	.005975	-.000458	.000221	-.000198	.006733

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000859	.0067941	-.000027	-.000390	-.193744	.0008039	-.000065
Stddev	.0003398	.0154805	.000522	.000160	.004012	.0028828	.000079
%RSD	395.7092	227.8540	1901.168	41.02350	2.070733	358.6155	120.8372

#1	.0004777	-.000460	.000344	-.000290	-.195346	.0023926	.000019
#2	-.000127	.024570	.000198	-.000574	-.189179	-.002524	-.000137
#3	-.000093	-.003727	-.000624	-.000305	-.196708	.002543	-.000078

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.034506	-.044733	-.000451	.0000447	.0014846	.0054470	-.003508
Stddev	.021417	.000236	.000372	.0006647	.0006877	.0079083	.002384
%RSD	62.06849	.5283821	82.49284	1487.563	46.32323	145.1865	67.96123

#1	-.009876	-.044934	-.000110	-.000271	.0008053	.0077653	-.001112
#2	-.044887	-.044791	-.000395	.000808	.0021805	.0119371	-.003532
#3	-.048755	-.044472	-.000848	-.000403	.0014682	-.003361	-.005879

Sample Name: ICB01 Acquired: 10/9/2023 13:42:21 Type: Unk
 Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077	Ce4040
Units	ppm	ppm	ppm	Cts/S
Avg	-.003623	-.006005	-.000000	z *****
Stddev	.005217	.000890	.000019	-----
%RSD	144.0089	14.81344	23839.51	-----

#1	.002097	-.006916	-.000013	z 2722.211
#2	-.004846	-.005960	-.000009	z 2746.702
#3	-.008120	-.005139	.000022	z 2743.952

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1989.956	38967.96	7479.257	1791.474	2728.290
Stddev	6.082	42.80	19.431	5.211	5.987
%RSD	.3056411	.1098261	.2597956	.2908928	.2194428

#1	1990.813	38945.55	7465.688	1793.074	2728.119
#2	1995.564	39017.31	7470.568	1795.698	2734.361
#3	1983.491	38941.03	7501.517	1785.651	2722.390

Sample Name: CRI01 Acquired: 10/9/2023 13:46:23 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201601	.0402620	.0157280	.0188385	.0511826	.0939988
Stddev	.0016557	.0016588	.0005117	.0038420	.0004988	.0168696
%RSD	8.212942	4.120002	3.253557	20.39454	.9746344	17.94660

#1	.0182510	.0410804	.0153466	.0221746	.0510746	.0766056
#2	.0212035	.0413526	.0155279	.0197031	.0507465	.1102909
#3	.0210259	.0383530	.0163095	.0146379	.0517265	.0950998

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0913689	.0061464	.0059233	1.982699	.0098331	.0291942
Stddev	.0005579	.0000235	.0001634	.016263	.0001652	.0003167
%RSD	.6105478	.3815023	2.758622	.8202699	1.680103	1.084962

#1	.0909373	.0061386	.0057862	1.964078	.0099421	.0292622
#2	.0919988	.0061728	.0058796	1.989899	.0099141	.0294714
#3	.0911706	.0061279	.0061041	1.994119	.0096430	.0288489

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214371	.0999306	.0212509	2.088758	.0386487	.0103036
Stddev	.0005181	.0041639	.0002060	.004980	.0001762	.0002693
%RSD	2.416875	4.166754	.9695627	.2384346	.4560078	2.613280

#1	.0209058	.1033654	.0214749	2.094485	.0386293	.0106061
#2	.0219410	.1011269	.0212084	2.086342	.0388338	.0102149
#3	.0214646	.0952996	.0210694	2.085446	.0384829	.0100900

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.858178	.0421331	.0428039	1.947729	F .0525724	.2176786
Stddev	.014973	.0014081	.0001310	.035890	.0008466	.0012707
%RSD	.8057940	3.342106	.3059308	1.842664	1.610360	.5837470

#1	1.843945	.0424110	.0428700	1.962597	.0520207	.2162387
#2	1.856795	.0433815	.0426530	1.906794	.0535472	.2186426
#3	1.873795	.0406067	.0428886	1.973796	.0521494	.2181546

Sample Name: CRI01 Acquired: 10/9/2023 13:46:23 Type: Unk
 Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0375184	.0384850	.4319514	.0203828	.0164201	.0150112
Stddev	.0009819	.0008999	.0097629	.0013617	.0052177	.0014273
%RSD	2.617028	2.338441	2.260174	6.680569	31.77619	9.508113

#1	.0364048	.0383841	.4382813	.0190922	.0196044	.0156849
#2	.0382597	.0376397	.4207080	.0202502	.0192573	.0133718
#3	.0378906	.0394311	.4368650	.0218059	.0103986	.0159770

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	.0218680	z *****
Stddev	.0001571	-----
%RSD	.7181896	-----

#1	.0220478	z 2826.919
#2	.0217572	z 2825.909
#3	.0217992	z 2819.982

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1981.965	37172.47	7523.429	1737.893	2690.558
Stddev	3.398	49.02	47.151	2.680	5.860
%RSD	.1714241	.1318676	.6267234	.1542253	.2178046

#1	1983.642	37119.81	7484.672	1735.437	2690.369
#2	1978.055	37180.84	7509.691	1740.752	2684.794
#3	1984.197	37216.76	7575.923	1737.490	2696.510

Sample Name: ICSA01 Acquired: 10/9/2023 13:50:23 Type: Unk
Method: NON EPA-6010-200.7(v2025) 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	.0004264	.0055019	.0104237	-.002080	-.005125	258.4551
Stddev	.0065003	.0021992	.0017047	.005844	.003911	.9795
%RSD	1524.548	39.97099	16.35357	281.0191	76.29931	.3789990

#1	.0069638	.0059917	.0103244	-.008502	-.000673	257.3479
#2	-.006036	.0030991	.0121759	-.000663	-.008004	258.8084
#3	.000352	.0074149	.0087709	.002926	-.006700	259.2090

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057344	.0007563	.0051936	243.6771	.0564558	.0009734
Stddev	.0013851	.0000715	.0001232	.5940	.0005104	.0004578
%RSD	24.15476	9.459217	2.371321	.2437768	.9040556	47.03362

#1	.0052605	.0006737	.0053304	243.0005	.0566655	.0010809
#2	.0072942	.0007983	.0051589	243.9176	.0568280	.0004714
#3	.0046484	.0007970	.0050915	244.1131	.0558740	.0013679

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144929	96.13056	.0194240	255.9037	.0024126	-.000235
Stddev	.0008915	.15248	.0001089	1.0574	.0007760	.000320
%RSD	6.151222	.1586219	.5606166	.4131871	32.16322	136.1518

#1	.0137768	96.05322	.0193134	254.7283	.0031342	.000102
#2	.0142105	96.03225	.0195312	256.2055	.0015918	-.000535
#3	.0154914	96.30622	.0194275	256.7774	.0025117	-.000271

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.147145	.0055480	.0029542	-.007731	F -.162966	.0017576
Stddev	.012566	.0010138	.0002951	.013068	.001877	.0007363
%RSD	8.539515	18.27277	9.989342	169.0401	1.151779	41.89254

#1	-.148788	.0049165	.0029871	.007144	-.162319	.0024383
#2	-.158809	.0050101	.0032315	-.012969	-.165082	.0018583
#3	-.133839	.0067174	.0026441	-.017368	-.161499	.0009761

Sample Name: ICSA01 Acquired: 10/9/2023 13:50:23 Type: Unk
 Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007622	.0014917	.0030857	.0020073	F .0414050	-.011559
Stddev	.000908	.0003189	.0131664	.0101213	.0109713	.001171
%RSD	11.90981	21.37628	426.6980	504.2222	26.49763	10.13200

#1	-.008504	.0011326	.0080288	.0082316	.0469937	-.010608
#2	-.007670	.0017416	.0130651	.0074617	.0287646	-.012867
#3	-.006691	.0016010	-.011837	-.009671	.0484567	-.011202

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	F .1087612	z *****
Stddev	.0003685	-----
%RSD	.3388323	-----

#1	.1083715	z 3212.712
#2	.1088080	z 3196.820
#3	.1091040	z 3213.716

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1848.128	35893.21	7359.891	1651.437	2259.668
Stddev	3.030	81.31	3.914	2.284	5.762
%RSD	.1639402	.2265234	.0531757	.1383125	.2549989

#1	1850.265	35803.25	7359.955	1649.366	2263.394
#2	1844.661	35914.92	7355.945	1651.057	2253.032
#3	1849.459	35961.46	7363.772	1653.887	2262.580

Sample Name: ICSAB01 Acquired: 10/9/2023 13:54:21 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1137285	.1182055	.0558869	.0539244	.6186221	259.3274
Stddev	.0046477	.0040957	.0014384	.0108031	.0052485	1.2201
%RSD	4.086656	3.464873	2.573816	20.03370	.8484209	.4704853

#1	.1094896	.1211448	.0542924	.0592349	.6219430	257.9191
#2	.1129975	.1135272	.0562811	.0610443	.6125713	259.9977
#3	.1186984	.1199443	.0570870	.0414939	.6213521	260.0654

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4918740	.5210922	1.043382	245.2028	.5723152	.5182166
Stddev	.0020406	.0021863	.001872	.8935	.0027336	.0007795
%RSD	.4148682	.4195593	.1794079	.3644124	.4776410	.1504174

#1	.4919401	.5194049	1.042606	244.2020	.5704491	.5174572
#2	.4938808	.5235621	1.042022	245.9205	.5754530	.5181780
#3	.4898012	.5203096	1.045517	245.4860	.5710435	.5190147

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5114595	99.05620	.5433939	257.8514	1.029598	.2108821
Stddev	.0007195	.52366	.0038214	1.2707	.003343	.0002972
%RSD	.1406696	.5286517	.7032396	.4928107	.3246444	.1409218

#1	.5121766	98.46667	.5391812	256.3974	1.031346	.2108558
#2	.5107377	99.23450	.5443634	258.4077	1.025744	.2105990
#3	.5114643	99.46742	.5466372	258.7491	1.031705	.2111916

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.175492	.4933147	1.066817	-.076560	F .7698924	.9653208
Stddev	.007094	.0057129	.001237	.056059	.0050272	.0027793
%RSD	4.042591	1.158058	.1159977	73.22205	.6529795	.2879192

#1	-.182885	.4868077	1.066749	-.117376	.7651023	.9625374
#2	-.168740	.4975068	1.065615	-.012642	.7751272	.9653287
#3	-.174850	.4956296	1.068087	-.099661	.7694476	.9680961

Sample Name: ICSAB01 Acquired: 10/9/2023 13:54:21 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9739908	.9345096	.9938818	F -.000050	F .0356735	F -.014714
Stddev	.0045951	.0052128	.0110341	.006738	.0121508	.002270
%RSD	.4717815	.5578061	1.110206	13445.21	34.06098	15.42659

#1	.9695778	.9316910	.9811862	.002604	.0316444	-.016338
#2	.9736461	.9405248	.9992973	.004957	.0493270	-.012120
#3	.9787486	.9313129	1.001162	-.007711	.0260491	-.015683

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	F .1095859	Z *****
Stddev	.0004922	-----
%RSD	.4491522	-----

#1	.1090530	Z 3226.269
#2	.1096813	Z 3235.811
#3	.1100235	Z 3242.421

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.001	35127.77	7357.612	1630.645	2248.391
Stddev	1.281	141.82	25.408	1.228	2.502
%RSD	.0696676	.4037322	.3453249	.0753005	.1112917

#1	1837.941	35233.12	7365.922	1630.335	2246.167
#2	1840.425	34966.52	7329.090	1631.998	2251.100
#3	1838.636	35183.67	7377.825	1629.601	2247.905

Sample Name: ICSA01DLX20 Acquired: 10/9/2023 13:58:08 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021637	.0001413	.0009151	-.005062	.0007073	12.54387	-.001279
Stddev	.0047708	.0019018	.0015543	.002614	.0012142	.04766	.000936
%RSD	220.4908	1345.634	169.8527	51.64913	171.6735	.3799646	73.21986

#1	-.003275	.0023276	.0001526	-.002201	.0020354	12.49250	-.002250
#2	.004125	-.000773	.0027033	-.005657	.0004323	12.58667	-.001203
#3	.005641	-.001130	-.000111	-.007328	-.000346	12.55244	-.000382

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000474	.0002544	12.19239	.0026801	-.000156	.0003527	4.579759
Stddev	.0000090	.0000724	.05280	.0005106	.000230	.0004968	.033646
%RSD	19.02269	28.43848	.4330213	19.04941	147.2007	140.8688	.7346746

#1	.0000546	.0002564	12.14911	.0032693	-.000160	.0000493	4.572048
#2	.0000373	.0003258	12.17684	.0024019	-.000384	.0009260	4.550637
#3	.0000503	.0001811	12.25121	.0023691	.000075	.0000827	4.616591

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012759	12.57889	.0003647	.0000196	-.225695	.0006691	.0006339
Stddev	.0002816	.09299	.0006619	.0004623	.014963	.0019142	.0000946
%RSD	22.07043	.7392278	181.4916	2363.493	6.629642	286.0770	14.92037

#1	.0010712	12.47676	.0010966	-.000048	-.221279	.0020218	.0005748
#2	.0015970	12.60124	.0001893	.000512	-.242369	-.001521	.0007430
#3	.0011593	12.65866	-.000192	-.000405	-.213437	.001507	.0005839

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.062739	-.058087	.0002484	-.001487	.0008680	.0040756	.0001634
Stddev	.023194	.000898	.0003038	.000623	.0007870	.0147717	.0021097
%RSD	36.96823	1.545267	122.2700	41.88327	90.66466	362.4461	1291.211

#1	-.088285	-.058157	.0005328	-.001137	.0017500	.0079449	.0014793
#2	-.043002	-.057157	-.000072	-.001118	.0002374	.0165275	-.002270
#3	-.056932	-.058948	.000284	-.002206	.0006166	-.012246	.001281

Sample Name: ICSA01DLX20 Acquired: 10/9/2023 13:58:08 Type: Unk
 Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077	Ce4040
Units	ppm	ppm	ppm	Cts/S
Avg	.0035568	-.007453	.0054026	z *****
Stddev	.0026618	.001198	.0000809	-----
%RSD	74.83552	16.07346	1.496503	-----

#1	.0064654	-.008337	.0053768	z 2750.000
#2	.0029628	-.006090	.0053378	z 2759.794
#3	.0012423	-.007933	.0054932	z 2778.316

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1955.734	39284.26	7496.212	1800.176	2597.024
Stddev	14.901	100.34	18.371	9.154	15.314
%RSD	.7619112	.2554265	.2450760	.5085316	.5896610

#1	1939.204	39181.78	7479.685	1793.406	2579.953
#2	1968.135	39382.32	7492.958	1810.592	2609.553
#3	1959.864	39288.68	7515.993	1796.531	2601.565

Sample Name: ICSAB01DLX20 Acquired: 10/9/2023 14:02:07 Type: Unk
Method: NON EPA-6010-200.7(v2025) 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	.0049910	.0071053	.0036377	.0009495	.0308287	12.69473	.0231955
Stddev	.0017646	.0016207	.0004520	.0031978	.0007106	.05580	.0003324
%RSD	35.35593	22.80928	12.42604	336.8057	2.305063	.4395362	1.433170

#1	.0047147	.0052399	.0041587	-.001660	.0313293	12.63120	.0231886
#2	.0068775	.0081681	.0033497	.004517	.0311413	12.71717	.0228666
#3	.0033808	.0079078	.0034047	-.000008	.0300153	12.73581	.0235314

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0267944	.0513594	12.32113	.0288049	.0253780	.0265729	4.924641
Stddev	.0000819	.0001645	.04993	.0001619	.0002412	.0005750	.048620
%RSD	.3055699	.3203966	.4052273	.5619811	.9503135	2.163906	.9872864

#1	.0267657	.0511928	12.26349	.0287960	.0252766	.0259398	4.870425
#2	.0268867	.0515219	12.34886	.0289711	.0256533	.0267163	4.964374
#3	.0267307	.0513635	12.35104	.0286477	.0252041	.0270627	4.939123

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0285176	12.67091	.0509268	.0104881	-.220865	.0266575	.0550042
Stddev	.0001487	.07361	.0005657	.0002218	.003674	.0039078	.0005826
%RSD	.5214066	.5809682	1.110858	2.114875	1.663329	14.65939	1.059211

#1	.0283481	12.60199	.0510013	.0106163	-.216635	.0278394	.0555410
#2	.0285787	12.66229	.0503275	.0106159	-.222704	.0222952	.0543846
#3	.0286259	12.74846	.0514515	.0102320	-.223255	.0298380	.0550870

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.019445	-.011635	.0510938	.0489731	.0494731	.0542769	-.000096
Stddev	.026961	.000743	.0003745	.0017245	.0006545	.0078035	.004700
%RSD	138.6505	6.383268	.7328731	3.521351	1.323004	14.37721	4886.458

#1	-.015992	-.011937	.0506688	.0471345	.0501065	.0514577	-.001308
#2	.005623	-.010788	.0513750	.0505547	.0495134	.0482748	-.004071
#3	-.047966	-.012178	.0512377	.0492301	.0487993	.0630982	.005091

Sample Name: ICSAB01DLX20 Acquired: 10/9/2023 14:02:07 Type: Unk
 Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077	Ce4040
Units	ppm	ppm	ppm	Cts/S
Avg	.0002697	-.005929	.0055282	Z *****
Stddev	.0054780	.001618	.0000334	-----
%RSD	2030.987	27.29630	.6042137	-----

#1	.0017170	-.007797	.0054915	Z 2859.690
#2	.0048788	-.004954	.0055362	Z 2849.431
#3	-.005787	-.005036	.0055568	Z 2848.582

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.620	36722.28	7495.990	1728.739	2584.469
Stddev	2.923	98.62	7.006	7.206	3.862
%RSD	.1496929	.2685641	.0934585	.4168622	.1494410

#1	1952.081	36713.05	7490.330	1720.689	2580.745
#2	1955.775	36628.60	7493.815	1730.940	2588.456
#3	1950.004	36825.20	7503.825	1734.589	2584.205

Sample Name: CCV01 Acquired: 10/9/2023 14:06:06 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.850260	4.997473	4.895239	4.949887	4.986755	9.984620
Stddev	.008423	.007807	.003377	.020509	.005354	.046689
%RSD	.1736537	.1562208	.0689804	.4143229	.1073702	.4676114

#1	4.849194	4.994400	4.892293	4.953877	4.989309	9.937012
#2	4.842421	5.006348	4.894499	4.927676	4.980601	10.03033
#3	4.859165	4.991669	4.898924	4.968107	4.990353	9.98651

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.560715	.2490652	2.454704	24.37008	.9975538	2.452987
Stddev	.062387	.0006900	.002744	.08936	.0020218	.002411
%RSD	.6525386	.2770466	.1117790	.3666984	.2026783	.0982721

#1	9.622890	.2491036	2.451566	24.27055	.9953805	2.450352
#2	9.498117	.2483567	2.455898	24.44343	.9993789	2.453527
#3	9.561137	.2497352	2.456649	24.39626	.9979018	2.455081

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.246072	4.784526	2.583547	24.47694	2.468743	1.236953
Stddev	.003576	.019993	.007413	.08124	.003459	.002060
%RSD	.2869893	.4178705	.2869161	.3318964	.1400962	.1665562

#1	1.246232	4.761479	2.575943	24.39839	2.465777	1.234689
#2	1.242418	4.797214	2.590752	24.56062	2.467911	1.237452
#3	1.249565	4.794883	2.583947	24.47181	2.472542	1.238718

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.03893	2.404377	2.507126	24.37268	4.769319	5.050087
Stddev	.13018	.011430	.013849	.14250	.014246	.009786
%RSD	.5198998	.4753655	.5523709	.5846781	.2986941	.1937719

#1	24.90942	2.391214	2.491922	24.20985	4.776286	5.045822
#2	25.16977	2.410128	2.519018	24.47463	4.752931	5.043158
#3	25.03761	2.411788	2.510438	24.43357	4.778740	5.061281

Sample Name: CCV01 Acquired: 10/9/2023 14:06:06 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.910420	4.828152	4.991475	4.913490	4.834313	4.837989
Stddev	.009825	.014826	.018690	.019714	.006731	.020181
%RSD	.2000898	.3070725	.3744375	.4012168	.1392280	.4171342
#1	4.899223	4.812489	4.970714	4.893491	4.840524	4.815943
#2	4.917599	4.841968	4.996754	4.914073	4.827161	4.855550
#3	4.914439	4.830000	5.006958	4.932905	4.835254	4.842474

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	F 5.264823	Z *****
Stddev	.038520	-----
%RSD	.7316544	-----
#1	5.221531	Z 2914.284
#2	5.277628	Z 2929.392
#3	5.295311	Z 2913.941

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1941.873	37516.21	7467.089	1736.352	2520.054
Stddev	4.482	91.82	11.200	7.512	1.808
%RSD	.2308276	.2447439	.1499868	.4326198	.0717546
#1	1943.116	37530.72	7454.173	1738.844	2522.139
#2	1945.603	37418.00	7472.982	1727.911	2518.920
#3	1936.901	37599.91	7474.112	1742.301	2519.102

Sample Name: CCB01 Acquired: 10/9/2023 14:10:02 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000295	.0014054	.0009483	-.003168	.0027951	-.005613
Stddev	.001004	.0013848	.0010463	.006421	.0019768	.005853
%RSD	340.4980	98.53861	110.3386	202.6920	70.72522	104.2763

#1	.000039	.0011694	-.000075	.003594	.0005452	-.011645
#2	-.001423	.0028930	.000904	-.009181	.0042537	.000044
#3	.000499	.0001537	.002016	-.003916	.0035864	-.005238

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006768	.0000062	.0000821	-.003895	-.000038	.0003153
Stddev	.0015532	.0000972	.0000438	.003359	.000270	.0000680
%RSD	229.5050	1568.037	53.38629	86.24321	715.2619	21.57630

#1	.0017499	-.000041	.0000326	-.000377	.000267	.0003762
#2	.0013846	-.000058	.0001159	-.007068	-.000133	.0002419
#3	-.001104	.000118	.0000977	-.004240	-.000248	.0003279

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000503	-.002566	.0000801	.0126006	.0000491	.0000287
Stddev	.000249	.005335	.0002532	.0045917	.0003590	.0002942
%RSD	49.48841	207.8615	316.2884	36.44017	730.5343	1025.013

#1	-.000359	.003039	.0003312	.0084986	-.000324	-.000298
#2	-.000359	-.007581	-.000175	.0117424	.000080	.000111
#3	-.000790	-.003158	.000084	.0175609	.000392	.000273

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.225254	.0004679	.0000875	-.075175	F -.051030	.0015683
Stddev	.005756	.0027807	.0001720	.071006	.001231	.0003814
%RSD	2.555126	594.3516	196.5931	94.45429	2.411825	24.32088

#1	-.226565	-.001500	-.000111	-.114124	-.052332	.0019156
#2	-.218956	-.000745	.000180	-.118185	-.049885	.0011601
#3	-.230241	.003649	.000194	.006782	-.050873	.0016293

Sample Name: CCB01 Acquired: 10/9/2023 14:10:02 Type: Unk
 Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001027	.0011742	.0093160	.0022044	-.002375	-.006021
Stddev	.001216	.0006694	.0097378	.0040058	.007068	.001193
%RSD	118.3651	57.01297	104.5283	181.7199	297.6211	19.81965

#1	-.000398	.0004078	.0160905	.0005260	-.004504	-.005424
#2	-.000254	.0016450	.0137008	-.000689	-.008133	-.005245
#3	-.002429	.0014696	-.001843	.006776	.005513	-.007395

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	.0000856	z *****
Stddev	.0001483	-----
%RSD	173.2876	-----

#1	.0002267	z 2767.283
#2	.0000992	z 2776.636
#3	-.000069	z 2796.429

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1974.737	36640.24	7400.928	1730.147	2700.160
Stddev	1.292	48.16	22.370	6.758	4.211
%RSD	.0654092	.1314366	.3022636	.3906178	.1559386

#1	1976.058	36608.90	7380.096	1724.695	2703.555
#2	1973.477	36695.69	7398.116	1728.038	2701.476
#3	1974.675	36616.12	7424.571	1737.709	2695.449

Sample Name: PB156188BL Acquired: 10/9/2023 14:14:07 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB156188BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033910	.0015333	.0008049	.0011053	-.000392	-.001314
Stddev	.0030639	.0023429	.0011186	.0045376	.001429	.005962
%RSD	90.35240	152.8031	138.9740	410.5365	364.7129	453.6248

#1	.0007455	.0034825	.0006642	.0057161	-.002039	-.008134
#2	.0067481	-.001066	-.000237	-.003355	.000518	.001279
#3	.0026795	.002183	.001987	.000955	.000345	.002912

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003354	.0000388	.0000481	-.004201	-.000231	-.000001
Stddev	.0010333	.0000173	.0000213	.003527	.000176	.000095
%RSD	308.0728	44.48756	44.37443	83.95366	76.09546	9045.896

#1	-.000590	.0000276	.0000483	-.000507	-.000375	-.000032
#2	.001450	.0000302	.0000693	-.007532	-.000035	.000106
#3	.000146	.0000587	.0000266	-.004564	-.000283	-.000077

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000513	-.005682	.0001975	-.001328	-.000394	.0002301
Stddev	.000440	.001847	.0002945	.008646	.000501	.0004988
%RSD	85.80509	32.50902	149.0843	651.2184	127.2561	216.7484

#1	-.000583	-.006588	-.000106	.000701	-.000807	.0003853
#2	-.000914	-.003557	.000482	.006124	-.000538	-.000328
#3	-.000042	-.006902	.000217	-.010807	.000164	.000633

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.237661	.0018564	-.000270	-.057169	F -.055886	-.000009
Stddev	.003840	.0005761	.000115	.011886	.001333	.000331
%RSD	1.615905	31.03399	42.41886	20.78999	2.385190	3694.582

#1	-.233232	.0025209	-.000227	-.050603	-.054439	.000214
#2	-.240067	.0015516	-.000183	-.070889	-.057064	.000149
#3	-.239684	.0014967	-.000400	-.050016	-.056155	-.000390

Sample Name: PB156188BL Acquired: 10/9/2023 14:14:07 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB156188BL Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000578	.0012552	.0136255	-.001614	-.004394	-.005389
Stddev	.000881	.0008301	.0033126	.005603	.001957	.000354
%RSD	152.3397	66.13582	24.31186	347.0841	44.53724	6.578121

#1	-.000114	.0007340	.0111227	-.001190	-.005338	-.005011
#2	-.001594	.0008191	.0123718	.003764	-.005700	-.005714
#3	-.000027	.0022125	.0173819	-.007417	-.002144	-.005442

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	-.000056	z *****
Stddev	.000036	-----
%RSD	65.35640	-----

#1	-.000069	z 2695.711
#2	-.000084	z 2706.926
#3	-.000015	z 2703.069

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1977.248	38377.18	7456.493	1775.632	2705.232
Stddev	4.680	109.68	22.519	2.079	7.407
%RSD	.2367073	.2858074	.3020081	.1170865	.2738111

#1	1974.470	38264.86	7474.061	1774.333	2700.487
#2	1982.651	38484.03	7464.312	1778.030	2713.767
#3	1974.622	38382.65	7431.107	1774.534	2701.442

Sample Name: PB156188BS Acquired: 10/9/2023 14:18:09 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB156188BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8141255	2.011333	.9886958	2.024015	.8190993	2.039966
Stddev	.0020916	.002097	.0002239	.005392	.0022893	.009420
%RSD	.2569138	.1042634	.0226477	.2664230	.2794855	.4617963

#1	.8117115	2.011788	.9885135	2.027866	.8207895	2.030915
#2	.8152672	2.009045	.9886282	2.026327	.8200143	2.039267
#3	.8153977	2.013165	.9889457	2.017853	.8164941	2.049717

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1839525	.2043389	.1986328	.9976163	.4070509	.1966084
Stddev	.0006293	.0009759	.0003898	.0029479	.0022177	.0004887
%RSD	.3420780	.4775626	.1962269	.2954913	.5448180	.2485751

#1	.1833660	.2047684	.1982166	.9958428	.4095643	.1969269
#2	.1846172	.2032220	.1986924	.9959870	.4062185	.1960457
#3	.1838743	.2050264	.1989893	1.001019	.4053698	.1968525

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3149729	2.984310	.2137225	1.964185	.5000199	.0775042
Stddev	.0006247	.006409	.0021674	.024050	.0003115	.0001620
%RSD	.1983292	.2147570	1.014104	1.224405	.0622969	.2089826

#1	.3150834	2.985392	.2117052	1.970401	.5000230	.0775847
#2	.3143003	2.977430	.2160139	1.937638	.4997069	.0776103
#3	.3155349	2.990110	.2134483	1.984517	.5003299	.0773178

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.940071	.2956847	.2161004	9.909786	F .2311718	.4095641
Stddev	.025406	.0016017	.0002556	.015303	.0035321	.0005247
%RSD	.8641140	.5416923	.1182909	.1544196	1.527905	.1281078

#1	2.916257	.2938849	.2159461	9.917920	.2305837	.4089585
#2	2.966814	.2969533	.2163955	9.919303	.2279707	.4098804
#3	2.937143	.2962159	.2159597	9.892134	.2349611	.4098535

Sample Name: PB156188BS Acquired: 10/9/2023 14:18:09 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB156188BS Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6966572	.2001820	.9626057	5.969911	8.689741	.1867322
Stddev	.0020446	.0013931	.0055340	.017404	.012480	.0024478
%RSD	.2934831	.6959054	.5748933	.2915339	.1436146	1.310848

#1	.6954856	.2005303	.9572984	5.950865	8.704125	.1848515
#2	.6990180	.1986478	.9621773	5.973880	8.683306	.1894998
#3	.6954680	.2013679	.9683414	5.984988	8.681792	.1858453

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	.2204738	z *****
Stddev	.0005787	-----
%RSD	.2624952	-----

#1	.2198122	z 7359.006
#2	.2207228	z 7367.228
#3	.2208863	z 7404.610

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1941.418	36345.98	7442.550	1723.379	2588.447
Stddev	1.599	192.47	25.043	2.246	3.085
%RSD	.0823663	.5295513	.3364837	.1303146	.1191906

#1	1942.437	36200.80	7416.675	1721.448	2589.061
#2	1939.575	36272.84	7466.668	1725.844	2585.101
#3	1942.242	36564.29	7444.308	1722.846	2591.179

Sample Name: O4787-01 Acquired: 10/9/2023 14:21:58 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PL-02-100520 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000837	.0097690	.2066711	.0250300	-.006986	125.7146
Stddev	.002370	.0018244	.0015110	.0064760	.002527	.6676
%RSD	283.1440	18.67561	.7310893	25.87275	36.17785	.5310131

#1	-.002240	.0108707	.2067516	.0311600	-.004176	125.0692
#2	.001899	.0107732	.2081402	.0182562	-.007707	125.6724
#3	-.002171	.0076631	.2051215	.0256737	-.009074	126.4023

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5657793	.0061278	.0154816	30.71101	.2228325	.1694819
Stddev	.0010428	.0000405	.0002186	.12385	.0004838	.0004054
%RSD	.1843120	.6604721	1.411928	.4032669	.2171029	.2392023

#1	.5645752	.0060935	.0152300	30.59149	.2232800	.1690425
#2	.5663848	.0061725	.0155891	30.70276	.2223192	.1698414
#3	.5663779	.0061174	.0156255	30.83877	.2228982	.1695618

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2372635	248.6917	4.861917	41.69734	.1929024	.0019496
Stddev	.0008501	.5116	.031273	.27116	.0002760	.0004527
%RSD	.3582968	.2057253	.6432161	.6503075	.1430742	23.21746

#1	.2362905	249.2822	4.830336	41.44613	.1929129	.0015042
#2	.2376376	248.3816	4.862543	41.66108	.1931730	.0024092
#3	.2378624	248.4112	4.892872	41.98480	.1926214	.0019355

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.26855	.5369199	.4354363	7.427978	-.305584	.0013263
Stddev	.04294	.0037957	.0027527	.031787	.001480	.0002676
%RSD	.2019035	.7069396	.6321730	.4279344	.4844526	20.17996

#1	21.31774	.5327239	.4385393	7.439566	-.305187	.0014894
#2	21.23853	.5379216	.4332883	7.452344	-.304342	.0010174
#3	21.24938	.5401144	.4344813	7.392022	-.307222	.0014721

Sample Name: O4787-01 Acquired: 10/9/2023 14:21:58 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PL-02-100520 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005597	3.942785	F 15.80047	2.265710	1.415258	.0905264
Stddev	.002282	.013928	.01227	.014780	.015639	.0015749
%RSD	40.76844	.3532584	.0776406	.6523504	1.105045	1.739669

#1	-.005694	3.935770	15.80999	2.255701	1.412195	.0920085
#2	-.007829	3.933758	15.78663	2.258743	1.401377	.0888728
#3	-.003268	3.958825	15.80480	2.282686	1.432202	.0906980

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	.1095513	Z *****
Stddev	.0006629	-----
%RSD	.6050793	-----

#1	.1088606	Z 4308.735
#2	.1096112	Z 4328.362
#3	.1101823	Z 4327.219

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2247.431	44496.33	8766.429	2053.799	2453.790
Stddev	2.567	217.66	15.644	13.171	2.898
%RSD	.1142180	.4891574	.1784543	.6412758	.1180895

#1	2250.369	44248.89	8769.558	2039.286	2455.375
#2	2246.305	44581.89	8780.271	2057.119	2455.549
#3	2245.620	44658.21	8749.456	2064.992	2450.445

Sample Name: O4609-03 Acquired: 10/9/2023 14:25:46 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004751	.0089713	.2428181	.0307669	-.004818	141.4957
Stddev	.001302	.0027564	.0041421	.0090452	.004441	.3366
%RSD	27.39565	30.72488	1.705860	29.39902	92.18170	.2379016

#1	-.004100	.0120053	.2382946	.0277660	.000039	141.1868
#2	-.006249	.0082874	.2437343	.0236036	-.005820	141.8545
#3	-.003903	.0066212	.2464254	.0409311	-.008672	141.4457

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.072540	.0113880	.0166728	61.62451	.2332079	.1990145
Stddev	.002198	.0001617	.0003487	.15856	.0003352	.0010402
%RSD	.2049711	1.420290	2.091702	.2572946	.1437313	.5226879

#1	1.071749	.0115418	.0163563	61.52752	.2330080	.1986828
#2	1.075024	.0114028	.0166154	61.80748	.2330209	.1981807
#3	1.070846	.0112193	.0170467	61.53852	.2335949	.2001802

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1534120	222.4707	8.805356	68.91680	.3704147	.0014048
Stddev	.0009192	.8425	.024796	.32312	.0017252	.0001498
%RSD	.5991953	.3787233	.2816024	.4688484	.4657398	10.66324

#1	.1544520	222.2400	8.781914	68.63991	.3701148	.0012330
#2	.1530756	221.7675	8.831315	69.27181	.3688591	.0015078
#3	.1527083	223.4046	8.802838	68.83868	.3722701	.0014738

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.936351	.2862902	.7545784	19.12183	-.277940	.0015321
Stddev	.045964	.0016171	.0019489	.00484	.006730	.0002477
%RSD	.5143525	.5648452	.2582793	.0253218	2.421565	16.16498

#1	8.962533	.2845644	.7551391	19.11671	-.279793	.0015300
#2	8.883277	.2877706	.7524106	19.12634	-.283549	.0012855
#3	8.963242	.2865356	.7561855	19.12244	-.270477	.0017808

Sample Name: O4609-03 Acquired: 10/9/2023 14:25:46 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010166	1.427015	3.862531	F 32.77057	.8739864	.4546510
Stddev	.0006658	.001937	.009260	.06485	.0104858	.0017387
%RSD	65.49222	.1357472	.2397296	.1978814	1.199764	.3824240

#1	.0008781	1.424789	3.867381	32.74279	.8631135	.4539621
#2	.0017407	1.427942	3.868359	32.72424	.8840365	.4566285
#3	.0004309	1.428315	3.851854	32.84467	.8748093	.4533622

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	.8849383	Z *****
Stddev	.0010138	-----
%RSD	.1145606	-----

#1	.8845484	Z 4076.258
#2	.8860892	Z 4083.981
#3	.8841775	Z 4082.950

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2516.603	47308.92	9912.238	2216.373	2396.784
Stddev	3.247	94.26	53.202	8.973	2.077
%RSD	.1290155	.1992386	.5367262	.4048470	.0866782

#1	2512.906	47201.04	9907.119	2212.286	2395.329
#2	2517.910	47350.34	9861.781	2226.662	2399.163
#3	2518.992	47375.37	9967.814	2210.172	2395.859

Sample Name: O4609-05 Acquired: 10/9/2023 14:29:34 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006525	.0092605	.5706213	.0295193	-.005463	168.1473	2.589290
Stddev	.003050	.0021052	.0019910	.0033362	.001169	.8655	.016957
%RSD	46.73458	22.73311	.3489091	11.30188	21.40770	.5147388	.6548768

#1	-.008125	.0115406	.5728342	.0329698	-.005218	167.2221	2.569892
#2	-.003009	.0088506	.5689752	.0292774	-.006735	168.2827	2.596680
#3	-.008442	.0073904	.5700544	.0263105	-.004435	168.9372	2.601297

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149713	.0167790	37.51570	.2863486	.2498589	.2831430	265.4429
Stddev	.0000328	.0002390	.21255	.0002585	.0008601	.0016270	2.3843
%RSD	.2188677	1.424245	.5665524	.0902654	.3442404	.5746340	.8982520

#1	.0150088	.0170507	37.27924	.2865465	.2501138	.2841701	262.6990
#2	.0149483	.0166011	37.57698	.2864432	.2489001	.2812671	266.6193
#3	.0149567	.0166853	37.69087	.2860562	.2505627	.2839918	267.0105

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.32283	91.78718	.4407685	.0017787	6.012405	.3440287	1.202248
Stddev	.05115	.44194	.0003146	.0004875	.039002	.0023036	.003117
%RSD	.3337859	.4814816	.0713716	27.41038	.6486899	.6695845	.2592609

#1	15.26849	91.34086	.4407961	.0018178	5.967999	.3414764	1.199767
#2	15.32999	91.79609	.4404410	.0022455	6.041105	.3446561	1.201231
#3	15.37002	92.22460	.4410684	.0012728	6.028111	.3459535	1.205747

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.56830	-.335798	.0030648	.0081972	1.690794	3.569761	6.745868
Stddev	.22859	.004688	.0001851	.0013861	.009843	.035077	.022778
%RSD	.8940538	1.396184	6.037978	16.90902	.5821799	.9826074	.3376524

#1	25.31095	-.339731	.0032218	.0091881	1.679462	3.530510	6.752151
#2	25.64612	-.337053	.0028607	.0087903	1.695703	3.580733	6.720608
#3	25.74782	-.330610	.0031117	.0066133	1.697218	3.598041	6.764844

Sample Name: O4609-05 Acquired: 10/9/2023 14:29:34 Type: Unk
 Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-1 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077	Ce4040
Units	ppm	ppm	ppm	Cts/S
Avg	.8095191	.5365879	.1587476	z *****
Stddev	.0060344	.0035966	.0004368	-----
%RSD	.7454291	.6702706	.2751194	-----

#1	.8052148	.5327594	.1582680	z 3903.316
#2	.8069258	.5398959	.1588526	z 3907.596
#3	.8164166	.5371083	.1591224	z 3919.866

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2303.723	42674.55	9005.068	2018.628	2425.275
Stddev	3.996	15.44	31.501	6.151	4.715
%RSD	.1734513	.0361777	.3498190	.3047047	.1944167

#1	2303.806	42676.07	8972.254	2024.617	2422.764
#2	2307.677	42658.41	9035.068	2012.327	2430.715
#3	2299.686	42689.17	9007.881	2018.939	2422.348

Sample Name: O4703-01 Acquired: 10/9/2023 14:33:21 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 349 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1524953	.0091109	2.992653	.0151092	.0149047	76.69817
Stddev	.0075471	.0032931	.005342	.0029375	.0038317	.55996
%RSD	4.949104	36.14484	.1785039	19.44170	25.70797	.7300778

#1	.1465593	.0118331	2.986495	.0184334	.0118004	76.05213
#2	.1499376	.0100491	2.995421	.0140312	.0137267	76.99818
#3	.1609889	.0054505	2.996042	.0128630	.0191871	77.04419

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.393621	.0069775	.0293943	682.4385	.6056810	.6236234
Stddev	.007507	.0000953	.0001743	3.0231	.0020489	.0020683
%RSD	.5386526	1.365682	.5928142	.4429809	.3382890	.3316606

#1	1.385116	.0069428	.0295672	679.0368	.6075941	.6232407
#2	1.399326	.0069044	.0292187	683.4610	.6059300	.6217732
#3	1.396420	.0070853	.0293970	684.8178	.6035190	.6258564

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.950292	218.4753	4.349148	232.9808	.6037704	.0042660
Stddev	.006471	.3745	.039990	1.8368	.0024963	.0001516
%RSD	.2193498	.1713939	.9195004	.7884073	.4134488	3.553278

#1	2.948410	218.6512	4.304100	230.8670	.6057236	.0041835
#2	2.944970	218.7294	4.362885	233.8865	.6009580	.0041736
#3	2.957496	218.0453	4.380460	234.1889	.6046295	.0044410

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.642400	.3011535	9.819978	12.31448	-.267128	.0406415
Stddev	.024333	.0039620	.034242	.10207	.004351	.0010486
%RSD	.5241548	1.315607	.3486926	.8288982	1.628761	2.580202

#1	4.665123	.2975451	9.780447	12.42731	-.262149	.0407999
#2	4.645352	.3053933	9.840403	12.22853	-.269033	.0395226
#3	4.616726	.3005223	9.839085	12.28762	-.270201	.0416018

Sample Name: O4703-01 Acquired: 10/9/2023 14:33:21 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 349 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3648024	3.360361	F 27.98331	8.195564	F 13.20466	.0798750
Stddev	.0019320	.018074	.13960	.053838	.02698	.0011853
%RSD	.5295968	.5378581	.4988590	.6569111	.2043375	1.483882

#1	.3660636	3.341188	28.04649	8.179567	13.21109	.0801021
#2	.3625782	3.377086	28.08014	8.151538	13.17504	.0809303
#3	.3657654	3.362809	27.82329	8.255588	13.22784	.0785927

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	1.601780	z *****
Stddev	.012202	-----
%RSD	.7617899	-----

#1	1.588005	z 4818.046
#2	1.606101	z 4822.290
#3	1.611233	z 4818.849

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2027.778	39442.69	8321.762	1814.509	2159.294
Stddev	4.209	115.76	48.712	3.290	6.317
%RSD	.2075758	.2934774	.5853553	.1813163	.2925512

#1	2027.091	39309.04	8375.747	1817.836	2158.919
#2	2032.288	39507.67	8308.446	1814.436	2165.790
#3	2023.954	39511.35	8281.093	1811.257	2153.173

Sample Name: O4703-03 Acquired: 10/9/2023 14:37:15 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SOIL-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0814126	.0101141	1.193326	-.002062	.0014657	96.29302
Stddev	.0054285	.0022724	.006634	.007846	.0032777	.07255
%RSD	6.667880	22.46786	.5558889	380.5802	223.6226	.0753408

#1	.0830259	.0118384	1.190231	.006888	.0051340	96.20942
#2	.0753603	.0075391	1.188805	-.007757	-.001175	96.33944
#3	.0858515	.0109649	1.200941	-.005316	.000438	96.33019

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.008925	.0056484	.0170748	1158.372	.4161964	.0925019
Stddev	.001652	.0001128	.0001560	10.703	.0007736	.0004472
%RSD	.1637000	1.996634	.9136526	.9240062	.1858806	.4834706

#1	1.010758	.0056626	.0170772	1170.284	.4170714	.0924263
#2	1.008466	.0055292	.0169176	1155.272	.4156032	.0920974
#3	1.007552	.0057534	.0172296	1149.562	.4159145	.0929822

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.206664	149.2731	2.985183	282.0807	.2746551	.0418575
Stddev	.005694	.0914	.007576	.4160	.0014711	.0002366
%RSD	.4719174	.0612373	.2537864	.1474692	.5356120	.5651597

#1	1.204486	149.2012	2.979177	281.6024	.2737572	.0421036
#2	1.202381	149.3760	2.993695	282.3579	.2738553	.0418370
#3	1.213127	149.2421	2.982679	282.2819	.2763528	.0416318

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.340035	.2608769	1.776902	11.89769	-.083820	.0211905
Stddev	.017433	.0028153	.007842	.05599	.000917	.0007066
%RSD	.4016811	1.079180	.4413075	.4706105	1.093569	3.334594

#1	4.359968	.2591240	1.785919	11.91172	-.084227	.0209926
#2	4.332500	.2593824	1.773104	11.94533	-.084463	.0219749
#3	4.327636	.2641244	1.771682	11.83602	-.082771	.0206039

Sample Name: O4703-03 Acquired: 10/9/2023 14:37:15 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SOIL-1 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1448395	3.841945	F 10.20522	7.642983	F 26.24205	.0548608
Stddev	.0005372	.000643	.01895	.048841	.11694	.0006856
%RSD	.3708702	.0167242	.1856629	.6390330	.4456220	1.249739
#1	.1442708	3.841307	10.21743	7.609859	26.18910	.0540788
#2	.1449095	3.842592	10.18340	7.620017	26.16094	.0551451
#3	.1453382	3.841937	10.21484	7.699075	26.37610	.0553586

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	4.209572	Z *****
Stddev	.020689	-----
%RSD	.4914684	-----
#1	4.193209	Z 4990.317
#2	4.232827	Z 4987.677
#3	4.202680	Z 4986.081

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.767	36676.73	8133.203	1694.882	2046.007
Stddev	6.447	135.56	20.282	9.829	5.900
%RSD	.3358073	.3696117	.2493754	.5798941	.2883633
#1	1920.937	36568.36	8121.447	1685.225	2049.796
#2	1925.549	36633.10	8121.539	1694.548	2049.016
#3	1912.816	36828.73	8156.623	1704.873	2039.209

Sample Name: O4703-05 Acquired: 10/9/2023 14:41:18 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SOIL-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0818138	.0079926	1.238084	-.000320	.0063864	81.88941
Stddev	.0048211	.0035645	.003809	.007510	.0009258	1.27999
%RSD	5.892790	44.59719	.3076854	2346.856	14.49655	1.563072

#1	.0866345	.0105822	1.234806	.008189	.0054115	82.22411
#2	.0818147	.0039273	1.242263	-.006023	.0072537	80.47532
#3	.0769922	.0094685	1.237184	-.003126	.0064940	82.96880

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.015468	.0046524	.0153701	763.4754	.3635881	.0669995
Stddev	.016293	.0000705	.0002434	5.3579	.0018093	.0005498
%RSD	1.604497	1.515046	1.583391	.7017779	.4976160	.8206642

#1	1.020588	.0047286	.0154768	760.1250	.3624737	.0667552
#2	.997230	.0046393	.0155418	760.6464	.3656757	.0666141
#3	1.028587	.0045894	.0150916	769.6549	.3626148	.0676291

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9216045	124.9599	2.379602	109.9178	.2573698	.0018512
Stddev	.0014596	.9616	.039481	1.8004	.0012005	.0004256
%RSD	.1583772	.7695515	1.659156	1.637985	.4664581	22.99028

#1	.9199268	124.4558	2.388351	110.4577	.2559841	.0016980
#2	.9225827	124.3552	2.336480	107.9092	.2580946	.0015234
#3	.9223040	126.0688	2.413975	111.3866	.2580307	.0023322

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.347406	.1886387	1.721855	12.57988	-.111130	.0156368
Stddev	.035955	.0042108	.004436	.07000	.001608	.0001371
%RSD	1.074108	2.232215	.2576565	.5564691	1.446613	.8770313

#1	3.328003	.1903552	1.716752	12.55160	-.112981	.0157657
#2	3.325320	.1838408	1.724796	12.52845	-.110321	.0154927
#3	3.388894	.1917203	1.724016	12.65960	-.110088	.0156520

Sample Name: O4703-05 Acquired: 10/9/2023 14:41:18 Type: Unk
 Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: SOIL-2 Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0626650	3.727785	F 16.08953	5.214383	F 18.20632	.0527106
Stddev	.0017979	.050222	.11912	.021869	.07064	.0010362
%RSD	2.869089	1.347242	.7403745	.4194064	.3879915	1.965729

#1	.0644602	3.749938	16.08461	5.193936	18.12481	.0518242
#2	.0626704	3.670295	15.97295	5.211772	18.24978	.0524578
#3	.0608644	3.763122	16.21104	5.237441	18.24436	.0538497

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	3.224808	Z *****
Stddev	.049623	-----
%RSD	1.538789	-----

#1	3.255987	Z 4413.254
#2	3.167585	Z 4388.595
#3	3.250852	Z 4388.225

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1948.540	38500.14	8061.546	1768.421	2182.226
Stddev	.931	103.46	87.054	3.874	2.905
%RSD	.0477583	.2687306	1.079868	.2190591	.1331399

#1	1947.651	38581.19	8011.305	1772.744	2185.198
#2	1949.507	38535.61	8162.067	1767.259	2182.088
#3	1948.460	38383.60	8011.265	1765.262	2179.392

Sample Name: O4772-01 Acquired: 10/9/2023 14:45:26 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SOIL-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1215091	.0159707	.3219573	-.007208	-.003831	80.92430
Stddev	.0045776	.0016916	.0032144	.006611	.003809	1.09086
%RSD	3.767303	10.59205	.9983832	91.71141	99.44592	1.347997

#1	.1217198	.0159914	.3227830	-.012910	-.004815	80.07263
#2	.1259777	.0176519	.3184106	-.008753	.000374	82.15385
#3	.1168298	.0142689	.3246783	.000038	-.007051	80.54642

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6900891	.0075747	.0091386	694.1503	.6829500	.0761609
Stddev	.0103990	.0001823	.0002098	6.0689	.0018609	.0010996
%RSD	1.506907	2.406368	2.296070	.8742930	.2724838	1.443728

#1	.6830697	.0074641	.0092162	692.1200	.6849891	.0761389
#2	.7020359	.0077851	.0089011	700.9741	.6813433	.0750725
#3	.6851616	.0074750	.0092987	689.3569	.6825176	.0772713

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4534677	105.4221	2.553485	36.34031	.3541339	.0013237
Stddev	.0034288	.4272	.032946	.45921	.0029104	.0003472
%RSD	.7561376	.4052679	1.290242	1.263647	.8218381	26.22825

#1	.4530824	104.9852	2.526356	36.02316	.3549970	.0009276
#2	.4502477	105.8390	2.590147	36.86690	.3508896	.0015752
#3	.4570729	105.4421	2.543953	36.13086	.3565153	.0014685

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.319844	.4912072	.5248816	19.76220	.0324166	.7582014
Stddev	.027127	.0060525	.0015874	.07769	.0017827	.0044609
%RSD	.6279670	1.232172	.3024358	.3931126	5.499284	.5883579

#1	4.289144	.4892126	.5264810	19.67359	.0320040	.7576449
#2	4.340581	.4980053	.5248573	19.79444	.0343694	.7540448
#3	4.329807	.4864038	.5233064	19.81859	.0308764	.7629145

Sample Name: O4772-01 Acquired: 10/9/2023 14:45:26 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SOIL-3 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080879	4.102083	5.420045	8.990360	F 35.95306	.0474503
Stddev	.0014392	.059566	.015186	.068590	.29374	.0019836
%RSD	17.79417	1.452081	.2801770	.7629302	.8169991	4.180379

#1	.0066181	4.060129	5.416567	9.000070	36.04036	.0451836
#2	.0081513	4.170261	5.436668	8.917433	35.62558	.0482988
#3	.0094943	4.075859	5.406901	9.053578	36.19326	.0488685

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	.8878668	Z *****
Stddev	.0115298	-----
%RSD	1.298594	-----

#1	.8783721	Z 4952.857
#2	.9006964	Z 4978.302
#3	.8845319	Z 4962.148

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2117.617	41091.51	8520.259	1888.127	2251.881
Stddev	10.105	94.28	67.401	5.967	12.612
%RSD	.4771754	.2294433	.7910641	.3160368	.5600700

#1	2116.650	41004.33	8537.408	1881.600	2250.023
#2	2128.170	41191.57	8445.941	1889.478	2265.319
#3	2108.030	41078.63	8577.429	1893.303	2240.301

Sample Name: O4778-01 Acquired: 10/9/2023 14:49:23 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-100520 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0666235	.0075661	1.036402	.0243489	-.004421	93.22132
Stddev	.0032043	.0011080	.004256	.0021509	.001186	.35678
%RSD	4.809531	14.64437	.4106504	8.833745	26.82915	.3827219

#1	.0697857	.0079239	1.035292	.0259512	-.005578	92.81013
#2	.0633787	.0084510	1.032811	.0251911	-.003208	93.44889
#3	.0667062	.0063234	1.041103	.0219043	-.004476	93.40494

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7881470	.0057403	.0174497	48.08352	.3379297	.1057349
Stddev	.0028157	.0000606	.0001511	.13019	.0011495	.0003227
%RSD	.3572507	1.055630	.8662263	.2707548	.3401500	.3051691

#1	.7857863	.0057590	.0174655	47.93322	.3367756	.1054052
#2	.7912634	.0056726	.0172913	48.15619	.3379391	.1057492
#3	.7873912	.0057894	.0175923	48.16115	.3390744	.1060501

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6814934	176.9766	3.350369	41.75841	.2158398	.0109557
Stddev	.0027591	.8934	.009026	.16824	.0008252	.0001667
%RSD	.4048611	.5048033	.2694077	.4028972	.3823246	1.521674

#1	.6817617	175.9751	3.340361	41.56428	.2154730	.0111482
#2	.6786099	177.2628	3.357894	41.84909	.2152617	.0108623
#3	.6841085	177.6917	3.352851	41.86186	.2167848	.0108566

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.684906	.2535024	1.210749	13.72359	-.223281	.0084314
Stddev	.018636	.0023752	.002566	.10866	.000515	.0003195
%RSD	.6941167	.9369576	.2119425	.7917532	.2306273	3.789664

#1	2.663453	.2508196	1.209244	13.59865	-.223244	.0086560
#2	2.694167	.2553374	1.209292	13.79595	-.223813	.0085725
#3	2.697098	.2543502	1.213713	13.77618	-.222785	.0080656

Sample Name: O4778-01 Acquired: 10/9/2023 14:49:23 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-100520 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0497276	2.380671	5.971634	7.838006	F 17.91231	.1317700
Stddev	.0026009	.012137	.040295	.041254	.06394	.0015555
%RSD	5.230310	.5098206	.6747728	.5263380	.3569594	1.180487

#1	.0489306	2.370360	5.925105	7.825295	17.92987	.1299789
#2	.0476184	2.394047	5.994804	7.804603	17.84143	.1325479
#3	.0526337	2.377606	5.994992	7.884120	17.96563	.1327830

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	.2410525	Z *****
Stddev	.0004229	-----
%RSD	.1754413	-----

#1	.2405695	Z 4110.104
#2	.2412314	Z 4143.156
#3	.2413565	Z 4108.637

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2301.051	44183.14	9024.061	2047.523	2483.306
Stddev	7.366	58.82	27.285	3.731	8.518
%RSD	.3201218	.1331286	.3023559	.1822037	.3430202

#1	2300.393	44115.45	8996.409	2044.078	2481.961
#2	2308.724	44212.13	9024.810	2047.005	2492.417
#3	2294.035	44221.84	9050.964	2051.485	2475.541

Sample Name: CCV02 Acquired: 10/9/2023 15:10:14 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.764126	5.087768	4.866343	5.035739	5.085327	9.970197	9.329483
Stddev	.019055	.005289	.010269	.030352	.024949	.093268	.151482
%RSD	.3999610	.1039560	.2110245	.6027395	.4906127	.9354648	1.623694

#1	4.745219	5.087423	4.862494	5.011900	5.071350	9.933880	9.364490
#2	4.763834	5.093221	4.858554	5.025409	5.070499	9.900550	9.163563
#3	4.783325	5.082660	4.877980	5.069908	5.114131	10.07616	9.460398

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2515578	2.460364	24.14704	.9747214	2.461953	1.258874	4.744823
Stddev	.0022598	.004669	.22317	.0073047	.005738	.004621	.056177
%RSD	.8983253	.1897844	.9242004	.7494167	.2330869	.3670965	1.183957

#1	.2535956	2.457741	24.19300	.9786655	2.457988	1.255030	4.685581
#2	.2491274	2.457595	23.90448	.9792063	2.459339	1.257590	4.797326
#3	.2519505	2.465755	24.34366	.9662924	2.468534	1.264001	4.751561

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.579038	24.11588	2.505723	1.259555	26.50321	2.317667	2.588263
Stddev	.028442	.23775	.005199	.007335	.06965	.025055	.012583
%RSD	1.102829	.9858670	.2074944	.5823683	.2628007	1.081053	.4861550

#1	2.578025	24.07768	2.504358	1.264536	26.44170	2.318878	2.594930
#2	2.551116	23.89954	2.501342	1.262997	26.57884	2.292029	2.596109
#3	2.607973	24.37041	2.511468	1.251131	26.48908	2.342096	2.573749

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.49907	4.639371	5.122724	4.937657	4.732582	5.493759	5.003223
Stddev	.08799	.054399	.014269	.011568	.042737	.023893	.016828
%RSD	.3450531	1.172559	.2785465	.2342838	.9030285	.4349091	.3363497

#1	25.48981	4.690318	5.110240	4.924599	4.726179	5.467046	5.008434
#2	25.59132	4.582076	5.119655	4.941751	4.693408	5.501140	4.984405
#3	25.41608	4.645720	5.138278	4.946622	4.778159	5.513090	5.016829

Sample Name: CCV02 Acquired: 10/9/2023 15:10:14 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077	Ce4040
Units	ppm	ppm	ppm	Cts/S
Avg	4.929398	4.820025	5.377460	Z *****
Stddev	.016288	.041846	.023435	-----
%RSD	.3304318	.8681745	.4358084	-----

#1	4.915958	4.824401	5.357852	Z 2889.393
#2	4.924725	4.776163	5.371111	Z 2886.736
#3	4.947513	4.859512	5.403415	Z 2897.223

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1900.230	35861.51	7465.011	1660.327	2467.809
Stddev	3.435	161.48	64.537	4.664	2.821
%RSD	.1807839	.4503012	.8645223	.2808990	.1143065

#1	1902.771	35805.47	7415.823	1657.606	2466.851
#2	1901.598	35735.51	7538.086	1657.663	2470.983
#3	1896.322	36043.55	7441.125	1665.712	2465.591

Sample Name: CCB02 Acquired: 10/9/2023 15:14:09 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000649	.0001155	.0019519	.0012053	.0019555	-.000284
Stddev	.001335	.0016375	.0002327	.0071662	.0016675	.007188
%RSD	205.7621	1417.582	11.92418	594.5500	85.27183	2534.094

#1	-.000601	.0007453	.0018104	.0058263	.0017752	-.001214
#2	-.002007	.0013446	.0022205	-.007050	.0037058	.007324
#3	.000661	-.001743	.0018247	.004840	.0003855	-.006962

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005203	-.000013	.0000495	.0053344	.0001630	.0000507
Stddev	.001239	.000068	.0000694	.0100421	.0001556	.0002243
%RSD	23.81629	521.6125	140.2029	188.2513	95.47114	442.4074

#1	-.004277	.000057	-.000015	.0094360	.0001664	-.000186
#2	-.006610	-.000018	.000040	-.006109	.0003168	.000079
#3	-.004722	-.000078	.000123	.012676	.0000057	.000259

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000283	-.003826	.0002266	.0022624	.0002086	.0006390
Stddev	.000742	.004895	.0000473	.0085396	.0001764	.0003702
%RSD	261.8652	127.9603	20.86556	377.4575	84.54220	57.93303

#1	-.000548	-.000151	.0002056	-.004304	.0000118	.0006383
#2	-.000857	-.009383	.0002808	-.000825	.0003523	.0010096
#3	.000554	-.001944	.0001936	.011916	.0002618	.0002692

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.255085	.0013580	.0000252	-.038574	F -.059294	.0017659
Stddev	.008215	.0031156	.0005867	.055457	.000642	.0002894
%RSD	3.220472	229.4282	2332.770	143.7675	1.082943	16.38540

#1	-.254098	.0019541	-.000147	-.076683	-.058632	.0020635
#2	-.263749	.0041325	.000679	-.064086	-.059333	.0017486
#3	-.247408	-.002013	-.000456	.025048	-.059915	.0014856

Sample Name: CCB02 Acquired: 10/9/2023 15:14:09 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000360	.0001681	.0175187	-.001752	.0048147	-.005002
Stddev	.001730	.0007449	.0174482	.004089	.0050781	.000589
%RSD	479.8434	443.1619	99.59770	233.4455	105.4713	11.76897

#1	-.002326	.0010122	.0243034	-.006338	.0093200	-.004618
#2	.000315	-.000397	.0305555	.001514	.0058122	-.004709
#3	.000929	-.000111	-.002303	-.000431	-.000688	-.005680

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	.0001189	z *****
Stddev	.0000197	-----
%RSD	16.59104	-----

#1	.0001414	z 2685.515
#2	.0001101	z 2690.424
#3	.0001050	z 2695.583

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1967.360	36863.30	7495.878	1720.350	2713.123
Stddev	10.099	87.65	84.578	5.011	12.089
%RSD	.5133136	.2377645	1.128328	.2912870	.4455716

#1	1967.940	36811.37	7399.040	1718.566	2712.541
#2	1977.156	36814.02	7533.325	1726.010	2725.493
#3	1956.983	36964.49	7555.267	1716.476	2701.336

Sample Name: O4778-04 Acquired: 10/9/2023 15:18:13 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-100520 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031140	.0085685	.2208057	.0263974	-.003598	85.67655
Stddev	.0024124	.0019933	.0011515	.0034519	.001148	.49341
%RSD	77.46877	23.26314	.5214931	13.07683	31.89898	.5759010

#1	.0006809	.0063587	.2218101	.0302189	-.004914	85.10854
#2	.0055051	.0102310	.2210579	.0235054	-.002801	85.92207
#3	.0031560	.0091159	.2195490	.0254679	-.003080	85.99904

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4776164	.0039853	.0190238	69.99716	.1267965	.1640832
Stddev	.0024766	.0000429	.0004083	.36311	.0014144	.0005976
%RSD	.5185223	1.076535	2.146372	.5187456	1.115516	.3642078

#1	.4747620	.0039445	.0187783	69.58388	.1259380	.1634556
#2	.4791938	.0040300	.0187981	70.26503	.1284290	.1646454
#3	.4788934	.0039814	.0194952	70.14257	.1260224	.1641485

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4651497	208.2553	2.878664	54.31343	.2007299	.0027680
Stddev	.0012347	2.3173	.022317	.24869	.0006709	.0002078
%RSD	.2654495	1.112739	.7752513	.4578712	.3342239	7.508348

#1	.4662581	206.7521	2.856516	54.02947	.2006295	.0028892
#2	.4638189	210.9240	2.878329	54.41840	.2014453	.0028868
#3	.4653721	207.0898	2.901146	54.49242	.2001148	.0025280

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.926279	.2788283	.5404486	20.11087	-.258181	.0075414
Stddev	.038854	.0011119	.0055816	.28504	.001975	.0001619
%RSD	.9895824	.3987683	1.032781	1.417330	.7650507	2.146248

#1	3.897350	.2779857	.5372890	19.97443	-.256019	.0074202
#2	3.970441	.2800885	.5468933	20.43848	-.259890	.0077252
#3	3.911045	.2784106	.5371635	19.91970	-.258634	.0074788

Sample Name: O4778-04 Acquired: 10/9/2023 15:18:13 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-100520 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002024	4.637807	6.429041	F 15.52372	3.858848	.0911384
Stddev	.000647	.021559	.061265	.01320	.014595	.0023685
%RSD	31.98043	.4648500	.9529388	.0850537	.3782264	2.598755

#1	-.001356	4.614859	6.383165	15.50981	3.845204	.0894475
#2	-.002649	4.657636	6.498615	15.53608	3.857101	.0901224
#3	-.002068	4.640927	6.405342	15.52526	3.874237	.0938454

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	.1807371	z *****
Stddev	.0011071	-----
%RSD	.6125417	-----

#1	.1796322	z 5605.923
#2	.1807327	z 5600.829
#3	.1818464	z 5585.595

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2574.434	49166.54	10285.35	2261.565	2410.583
Stddev	1.851	446.91	21.71	20.868	1.887
%RSD	.0719002	.9089620	.2110633	.9227123	.0782929

#1	2572.661	49375.24	10310.26	2271.450	2412.301
#2	2576.354	48653.47	10275.36	2237.592	2408.563
#3	2574.285	49470.92	10270.44	2275.653	2410.885

Sample Name: O4778-07 Acquired: 10/9/2023 15:22:01 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0704099	.0107912	1.425013	.0278818	-.002371	115.9202
Stddev	.0026998	.0037710	.003752	.0033751	.002399	.2676
%RSD	3.834432	34.94516	.2632920	12.10499	101.1798	.2308296

#1	.0731986	.0130075	1.429219	.0277517	-.005093	115.7822
#2	.0702226	.0064371	1.423810	.0245736	-.001449	116.2286
#3	.0678087	.0129290	1.422011	.0313200	-.000569	115.7497

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9587776	.0068646	.0230004	65.77180	.3890675	.1476529
Stddev	.0027153	.0000772	.0001298	.18346	.0000587	.0007680
%RSD	.2831989	1.124890	.5645118	.2789376	.0150881	.5201634

#1	.9592792	.0069507	.0231488	65.77299	.3890408	.1468309
#2	.9612070	.0068013	.0229076	65.95467	.3890269	.1477756
#3	.9558465	.0068419	.0229448	65.58775	.3891348	.1483521

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8004527	214.3397	3.671027	55.55057	.2897671	.0117066
Stddev	.0031290	.3333	.007587	.09185	.0008725	.0004455
%RSD	.3909047	.1555180	.2066749	.1653448	.3011143	3.805745

#1	.7978028	214.0226	3.670184	55.64478	.2892054	.0115312
#2	.7996508	214.3092	3.679001	55.54566	.2893236	.0122131
#3	.8039047	214.6872	3.663897	55.46128	.2907723	.0113755

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.586600	.3179155	1.370417	16.41779	-.238244	.0101536
Stddev	.000985	.0008836	.001818	.04285	.002013	.0006155
%RSD	.0274539	.2779436	.1326349	.2609769	.8450459	6.061886

#1	3.585977	.3169920	1.368437	16.41109	-.240012	.0106327
#2	3.587735	.3187529	1.372009	16.46359	-.238668	.0094594
#3	3.586087	.3180015	1.370806	16.37869	-.236053	.0103687

Sample Name: O4778-07 Acquired: 10/9/2023 15:22:01 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0617441	3.032779	7.033663	F 10.26211	F 20.43030	.1666502
Stddev	.0009047	.010519	.028682	.01203	.04028	.0011041
%RSD	1.465309	.3468332	.4077874	.1172601	.1971710	.6625189

#1	.0618287	3.029183	7.048532	10.25567	20.39763	.1655740
#2	.0608000	3.044624	7.000599	10.27600	20.41795	.1665964
#3	.0626035	3.024530	7.051857	10.25467	20.47531	.1677802

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	.3435922	z *****
Stddev	.0006753	-----
%RSD	.1965528	-----

#1	.3437956	z 4442.792
#2	.3441424	z 4452.386
#3	.3428385	z 4457.860

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2336.225	46322.16	9411.429	2112.677	2416.265
Stddev	7.852	210.69	59.869	4.617	3.221
%RSD	.3361074	.4548278	.6361291	.2185324	.1332984

#1	2343.092	46144.02	9366.812	2108.961	2418.548
#2	2337.920	46267.75	9388.006	2111.226	2417.666
#3	2327.664	46554.72	9479.468	2117.845	2412.581

Sample Name: O4784-01 Acquired: 10/9/2023 15:25:46 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-100520 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0164676	.0056354	.2663172	.0311322	-.005905	130.6779	.8540237
Stddev	.0036580	.0025094	.0020022	.0070275	.001604	.9736	.0068953
%RSD	22.21310	44.52948	.7518122	22.57308	27.16194	.7450385	.8073881

#1	.0204384	.0030820	.2669707	.0391258	-.007754	129.5759	.8469862
#2	.0157291	.0080983	.2640700	.0259262	-.004888	131.4213	.8607674
#3	.0132352	.0057259	.2679111	.0283445	-.005073	131.0367	.8543175

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074157	.0147715	84.86849	.1783458	.1125684	.2249028	200.2813
Stddev	.0000355	.0003709	.67544	.0007227	.0003043	.0008084	1.6794
%RSD	.4782576	2.511092	.7958629	.4052113	.2703295	.3594547	.8385319

#1	.0074192	.0151151	84.12704	.1776283	.1122885	.2245094	198.5385
#2	.0073786	.0143783	85.44875	.1783354	.1125243	.2243665	201.8892
#3	.0074493	.0148212	85.02969	.1790736	.1128923	.2258327	200.4163

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.521100	64.85181	.2049194	.0021921	6.441380	.3194817	.4520118
Stddev	.026620	.50212	.0010166	.0003705	.060268	.0006837	.0008083
%RSD	.7560037	.7742588	.4961096	16.90007	.9356455	.2140096	.1788192

#1	3.490394	64.27537	.2039153	.0019077	6.373393	.3188105	.4515208
#2	3.537652	65.19404	.2048947	.0020576	6.488243	.3201773	.4529447
#3	3.535255	65.08601	.2059481	.0026110	6.462504	.3194574	.4515699

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.957304	-.312270	.0022398	.0074631	2.190565	9.843048	6.696956
Stddev	.089209	.000216	.0004764	.0016214	.013659	.079733	.025861
%RSD	.9959385	.0690718	21.26783	21.72527	.6235187	.8100458	.3861549

#1	8.854479	-.312035	.0019026	.0091480	2.176001	9.751038	6.691446
#2	9.014057	-.312317	.0027848	.0059137	2.203088	9.891882	6.674293
#3	9.003377	-.312459	.0020322	.0073276	2.192605	9.886224	6.725127

Sample Name: O4784-01 Acquired: 10/9/2023 15:25:46 Type: Unk
 Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: OR-02-100520 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077	Ce4040
Units	ppm	ppm	ppm	Cts/S
Avg	2.641505	.1144071	.1485751	z *****
Stddev	.018995	.0024135	.0008730	-----
%RSD	.7190859	2.109574	.5875521	-----

#1	2.646877	.1117907	.1475958	z 4438.472
#2	2.620402	.1165464	.1492717	z 4444.982
#3	2.657235	.1148841	.1488577	z 4434.026

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2315.415	43787.21	9233.751	2040.525	2400.827
Stddev	4.222	222.32	37.265	9.139	6.570
%RSD	.1823399	.5077374	.4035735	.4478775	.2736660

#1	2317.792	44011.64	9267.135	2047.524	2405.425
#2	2317.912	43567.05	9193.547	2030.186	2403.755
#3	2310.540	43782.94	9240.571	2043.865	2393.302

Sample Name: O4784-01DUP Acquired: 10/9/2023 15:29:34 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-100520 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184290	.0080302	.2611291	.0300670	-.005428	130.2304
Stddev	.0027599	.0023999	.0015161	.0024563	.001466	.4598
%RSD	14.97611	29.88593	.5805788	8.169478	26.99973	.3530890

#1	.0183949	.0088938	.2624123	.0314807	-.003783	129.7460
#2	.0156862	.0098787	.2594563	.0314897	-.006595	130.2846
#3	.0212058	.0053180	.2615189	.0272307	-.005907	130.6608

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8518382	.0073684	.0145657	78.34364	.1786398	.1122882
Stddev	.0019414	.0000892	.0001648	.30951	.0017758	.0004060
%RSD	.2279014	1.210387	1.131530	.3950704	.9940547	.3616013

#1	.8511155	.0072665	.0147358	78.00915	.1766407	.1126053
#2	.8503618	.0074063	.0145546	78.40184	.1792441	.1118306
#3	.8540372	.0074323	.0144068	78.61991	.1800345	.1124286

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2206900	202.8714	3.540388	61.39417	.2034371	.0024053
Stddev	.0007215	2.1296	.005762	.24709	.0007023	.0004432
%RSD	.3269111	1.049754	.1627412	.4024681	.3452183	18.42655

#1	.2203527	200.7031	3.535060	61.12544	.2030339	.0027427
#2	.2201990	202.9508	3.546503	61.44551	.2042481	.0019033
#3	.2215183	204.9602	3.539602	61.61156	.2030294	.0025698

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.451099	.3151523	.4518726	9.059598	-.305404	.0026597
Stddev	.069018	.0021241	.0022436	.091068	.001797	.0003121
%RSD	1.069872	.6739857	.4965094	1.005214	.5883430	11.73540

#1	6.376948	.3150607	.4493583	8.968958	-.304238	.0028258
#2	6.462882	.3173207	.4525891	9.058747	-.307473	.0022997
#3	6.513468	.3130755	.4536704	9.151089	-.304500	.0028537

Sample Name: O4784-01DUP Acquired: 10/9/2023 15:29:34 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OR-02-100520 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084272	2.176989	F 10.27076	6.694392	2.593319	.1148322
Stddev	.0010441	.006809	.11472	.011509	.012707	.0019325
%RSD	12.38951	.3127484	1.116974	.1719223	.4899903	1.682919

#1	.0077878	2.170199	10.14468	6.682525	2.601348	.1170585
#2	.0078617	2.176951	10.29861	6.695145	2.578669	.1138513
#3	.0096320	2.183816	10.36900	6.705507	2.599941	.1135869

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	.1439417	Z *****
Stddev	.0001867	-----
%RSD	.1296882	-----

#1	.1437806	Z 4405.575
#2	.1441463	Z 4413.485
#3	.1438982	Z 4428.871

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2312.984	43198.67	9238.835	2017.012	2401.156
Stddev	3.845	293.08	9.602	6.672	4.029
%RSD	.1662333	.6784414	.1039343	.3307652	.1678082

#1	2316.995	43525.84	9238.850	2024.714	2403.775
#2	2312.627	43110.02	9229.225	2013.059	2403.177
#3	2309.330	42960.15	9248.430	2013.262	2396.516

Sample Name: O4784-01LX5 Acquired: 10/9/2023 15:33:23 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA12409 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065084	.0025352	.0561890	.0083142	-.001415	30.24066	.1914183
Stddev	.0010709	.0014747	.0005754	.0025708	.001182	.05428	.0017744
%RSD	16.45350	58.16998	1.024032	30.92003	83.49578	.1794822	.9269718

#1	.0077444	.0008329	.0556649	.0102427	-.001724	30.17881	.1918615
#2	.0059219	.0034253	.0560976	.0093042	-.000110	30.28035	.1929290
#3	.0058590	.0033475	.0568047	.0053956	-.002412	30.26281	.1894642

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018087	.0022483	18.95565	.0426931	.0228659	.0555850	47.18230
Stddev	.0000288	.0002191	.03045	.0005318	.0003308	.0004917	.43921
%RSD	1.593986	9.743344	.1606604	1.245506	1.446863	.8846532	.9308880

#1	.0018419	.0024215	18.92405	.0430217	.0225889	.0552415	46.83999
#2	.0017946	.0020020	18.98481	.0429781	.0232322	.0561483	47.02938
#3	.0017896	.0023214	18.95809	.0420797	.0227766	.0553652	47.67753

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8500656	14.66900	.0412148	.0004610	1.259893	.0760629	.1097525
Stddev	.0020729	.06149	.0002447	.0002234	.020560	.0011558	.0002687
%RSD	.2438506	.4192129	.5935956	48.45815	1.631852	1.519529	.2448088

#1	.8481066	14.62631	.0409947	.0002807	1.246503	.0773643	.1098290
#2	.8522361	14.73948	.0411715	.0003915	1.249611	.0751562	.1094539
#3	.8498541	14.64120	.0414782	.0007109	1.283565	.0756680	.1099746

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.017492	-.127857	.0005331	.0005577	.5136640	2.377376	1.341905
Stddev	.028274	.001157	.0004724	.0002667	.0007490	.006032	.004695
%RSD	1.401430	.9048168	88.61100	47.81573	.1458129	.2537394	.3499082

#1	2.042464	-.129192	.0005575	.0002792	.5133393	2.372773	1.346557
#2	2.023220	-.127242	.0000490	.0005832	.5131321	2.375150	1.341991
#3	1.986793	-.127137	.0009927	.0008107	.5145205	2.384205	1.337167

Sample Name: O4784-01LX5 Acquired: 10/9/2023 15:33:23 Type: Unk
 Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSA12409 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077	Ce4040
Units	ppm	ppm	ppm	Cts/S
Avg	.5156441	.0216521	.0343759	z *****
Stddev	.0020076	.0007442	.0001319	-----
%RSD	.3893403	3.436928	.3835771	-----

#1	.5133602	.0214890	.0342252	z 3112.213
#2	.5164420	.0224643	.0344320	z 3108.403
#3	.5171301	.0210031	.0344704	z 3113.214

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2014.370	37855.10	7964.221	1772.515	2527.944
Stddev	2.324	30.84	70.707	3.612	1.289
%RSD	.1153723	.0814601	.8878044	.2038003	.0510012

#1	2015.802	37890.21	7927.535	1769.408	2527.372
#2	2011.688	37842.65	7919.398	1776.479	2527.039
#3	2015.619	37832.43	8045.731	1771.659	2529.420

Sample Name: O4784-01MS Acquired: 10/9/2023 15:37:19 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB12409 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6342583	1.859194	1.129429	1.563185	.5991737	118.1637
Stddev	.0040523	.007675	.008391	.006870	.0015070	.6529
%RSD	.6389057	.4127959	.7429326	.4395070	.2515156	.5525036

#1	.6374182	1.860046	1.126554	1.555607	.5996263	117.5863
#2	.6296896	1.851129	1.122854	1.564941	.6004026	118.0327
#3	.6356672	1.866407	1.138880	1.569007	.5974923	118.8721

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8795787	.1676085	.2009026	24.03056	.4952098	.2831295
Stddev	.0042723	.0011474	.0009691	.11666	.0053622	.0019595
%RSD	.4857184	.6845701	.4823940	.4854756	1.082811	.6921006

#1	.8752947	.1689181	.2007925	23.90249	.4996576	.2816744
#2	.8796020	.1671276	.1999932	24.05845	.4967164	.2823564
#3	.8838392	.1667798	.2019221	24.13076	.4892555	.2853576

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4632642	176.3922	2.826633	32.95869	.6611340	.0632809
Stddev	.0020995	1.1639	.014330	.12871	.0041648	.0005117
%RSD	.4532033	.6598577	.5069788	.3905118	.6299402	.8086595

#1	.4610393	175.4627	2.813408	32.84237	.6590828	.0627706
#2	.4635428	177.6977	2.824632	32.93673	.6583927	.0637940
#3	.4652105	176.0162	2.841859	33.09696	.6659265	.0632780

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.271720	.5004040	.6101767	14.61401	-.024887	.3258286
Stddev	.066418	.0028740	.0082058	.09015	.001461	.0013795
%RSD	.8029551	.5743379	1.344831	.6168620	5.871257	.4233878

#1	8.221766	.5004391	.6155365	14.56295	-.025563	.3257729
#2	8.347094	.4975125	.6142637	14.71810	-.023210	.3244778
#3	8.246301	.5032602	.6007300	14.56098	-.025888	.3272352

Sample Name: O4784-01MS Acquired: 10/9/2023 15:37:19 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB12409 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6762092	2.045705	F 15.60681	F 11.42599	1.620815	.2587106
Stddev	.0038418	.013161	.11896	.04639	.006026	.0031090
%RSD	.5681308	.6433302	.7622000	.4060045	.3718145	1.201734

#1	.6727538	2.031917	15.51086	11.38016	1.620453	.2569099
#2	.6755276	2.047064	15.73991	11.42491	1.614977	.2569213
#3	.6803461	2.058133	15.56967	11.47292	1.627014	.2623005

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	.2901329	Z *****
Stddev	.0015910	-----
%RSD	.5483666	-----

#1	.2888406	Z 8634.174
#2	.2896483	Z 8627.418
#3	.2919099	Z 8618.681

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2326.612	44639.98	9123.359	2059.468	2489.983
Stddev	5.340	412.82	56.148	18.896	9.749
%RSD	.2295346	.9247744	.6154347	.9175076	.3915226

#1	2331.679	44409.81	9058.543	2050.362	2492.233
#2	2327.124	44393.55	9157.111	2046.849	2498.410
#3	2321.035	45116.57	9154.423	2081.192	2479.305

Sample Name: O4784-01MSD Acquired: 10/9/2023 15:41:03 Type: Unk
Method: NON EPA-6010-200.7(v2025) 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	.6314703	1.870583	1.127670	1.570044	.6054973	117.0283
Stddev	.0109474	.001118	.002083	.010612	.0024573	1.3709
%RSD	1.733641	.0597563	.1847571	.6758771	.4058264	1.171388

#1	.6208447	1.870292	1.125796	1.559854	.6050081	117.2720
#2	.6427134	1.869639	1.127300	1.569245	.6033215	118.2609
#3	.6308528	1.871817	1.129914	1.581033	.6081624	115.5519

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8688915	.1665547	.2010839	23.84301	.4950755	.2830576
Stddev	.0113132	.0019742	.0006199	.28549	.0033529	.0008474
%RSD	1.302022	1.185329	.3082949	1.197385	.6772440	.2993879

#1	.8711768	.1678522	.2010018	23.89231	.4956797	.2833688
#2	.8788876	.1675292	.2005091	24.10065	.4914616	.2820986
#3	.8566102	.1642827	.2017408	23.53608	.4980851	.2837055

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4638553	176.5515	2.802828	32.71347	.6620942	.0630116
Stddev	.0013818	.9543	.026001	.35362	.0016380	.0002496
%RSD	.2978896	.5405321	.9276684	1.080971	.2473885	.3961439

#1	.4634487	175.9329	2.802384	32.69252	.6614810	.0627399
#2	.4627225	176.0710	2.829048	33.07711	.6608513	.0630638
#3	.4653948	177.6505	2.777052	32.37079	.6639503	.0632309

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.268724	.4908206	.6112037	14.62140	-.023273	.3271888
Stddev	.025295	.0056527	.0049666	.05024	.003142	.0007957
%RSD	.3059076	1.151686	.8125846	.3435847	13.49969	.2431848

#1	8.275654	.4912901	.6100299	14.67543	-.026833	.3269738
#2	8.240687	.4962239	.6069292	14.57611	-.020887	.3265227
#3	8.289831	.4849478	.6166520	14.61265	-.022101	.3280698

Sample Name: O4784-01MSD Acquired: 10/9/2023 15:41:03 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6759381	2.021882	F 15.53521	F 11.40058	1.614384	.2553943
Stddev	.0012646	.012529	.02053	.02031	.002492	.0048592
%RSD	.1870822	.6196900	.1321753	.1781609	.1543759	1.902643

#1	.6763154	2.017708	15.52219	11.40209	1.613603	.2557524
#2	.6745278	2.035966	15.52456	11.37955	1.612376	.2600647
#3	.6769710	2.011972	15.55888	11.42009	1.617173	.2503660

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	.2877343	Z *****
Stddev	.0028903	-----
%RSD	1.004501	-----

#1	.2883508	Z 8578.437
#2	.2902666	Z 8557.343
#3	.2845855	Z 8585.662

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2326.368	44504.22	9193.124	2060.140	2487.521
Stddev	3.211	208.10	120.030	10.457	2.387
%RSD	.1380210	.4675859	1.305652	.5075870	.0959544

#1	2327.905	44406.76	9125.053	2059.581	2489.257
#2	2328.522	44743.16	9122.604	2070.865	2488.507
#3	2322.678	44362.74	9331.716	2049.973	2484.799

Sample Name: O4784-01A Acquired: 10/9/2023 15:44:47 Type: Unk
Method: NON EPA-6010-200.7(v2025) 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	.6395909	1.920848	1.193006	1.581028	.6380784	130.7876
Stddev	.0037850	.007712	.003999	.002675	.0028715	.3856
%RSD	.5917903	.4014686	.3352418	.1692133	.4500234	.2948547

#1	.6374361	1.915199	1.189643	1.579417	.6391842	130.3825
#2	.6373753	1.917711	1.191948	1.584116	.6348183	130.8299
#3	.6439614	1.929634	1.197429	1.579551	.6402325	131.1503

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9969894	.1680232	.2052032	81.05697	.4857650	.3014161
Stddev	.0027743	.0005456	.0003937	.12951	.0022209	.0009035
%RSD	.2782707	.3247296	.1918608	.1597786	.4572004	.2997599

#1	.9942836	.1686508	.2052597	80.91064	.4865144	.3009787
#2	.9968570	.1677573	.2047843	81.10337	.4832664	.3008145
#3	.9998275	.1676615	.2055656	81.15688	.4875143	.3024551

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4507752	200.3561	3.675129	63.80279	.6824157	.0649398
Stddev	.0024287	1.3520	.018160	.10674	.0031846	.0006294
%RSD	.5387889	.6748023	.4941229	.1672910	.4666616	.9692023

#1	.4500228	199.7533	3.662361	63.74853	.6823910	.0650757
#2	.4488117	199.4102	3.667108	63.73409	.6792436	.0642535
#3	.4534911	201.9046	3.695918	63.92576	.6856126	.0654901

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.023418	.5387495	.6070818	17.43387	-.094595	.3309337
Stddev	.036887	.0016342	.0023090	.09712	.001367	.0006221
%RSD	.4087893	.3033311	.3803507	.5570576	1.445037	.1879750

#1	8.982191	.5406302	.6068076	17.35925	-.093837	.3311304
#2	9.034763	.5379417	.6049220	17.39867	-.096173	.3302370
#3	9.053300	.5376765	.6095156	17.54367	-.093775	.3314336

Sample Name: O4784-01A Acquired: 10/9/2023 15:44:47 Type: Unk
 Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6933592	2.319193	F 10.75930	F 12.16035	2.529285	.2726172
Stddev	.0041289	.004940	.05747	.05878	.003754	.0010573
%RSD	.5954868	.2130084	.5341626	.4833443	.1484067	.3878476

#1	.6891674	2.313753	10.72535	12.14875	2.531502	.2724752
#2	.6934882	2.320425	10.72691	12.10824	2.524951	.2716380
#3	.6974221	2.323400	10.82566	12.22406	2.531401	.2737384

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	.3214305	Z *****
Stddev	.0010755	-----
%RSD	.3345846	-----

#1	.3207449	Z 8608.375
#2	.3208767	Z 8621.056
#3	.3226700	Z 8631.057

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2310.653	43381.72	9137.896	2024.033	2404.380
Stddev	5.245	211.03	50.185	8.144	7.642
%RSD	.2269727	.4864591	.5491949	.4023511	.3178167

#1	2310.539	43213.20	9079.951	2017.296	2402.596
#2	2315.953	43618.42	9166.348	2033.083	2412.756
#3	2305.466	43313.56	9167.390	2021.718	2397.788

Sample Name: LR CHECK 2 Acquired: 10/9/2023 15:59:47 Type: Unk
Method: NON EPA-6010-200.7(v2025) 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	.0084077	-.015041	235.7521	-.015178	.0124767	.1676468
Stddev	.0024644	.002044	4.4321	.004265	.0008647	.0111917
%RSD	29.31119	13.58718	1.879974	28.10131	6.930679	6.675741

#1	.0112172	-.016722	233.0169	-.011386	.0126192	.1751304
#2	.0066115	-.015636	233.3738	-.019796	.0115495	.1730292
#3	.0073944	-.012766	240.8657	-.014353	.0132613	.1547808

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 88.57683	-.002259	-.002401	.2491680	.0170607	-.003586
Stddev	.68783	.000020	.000097	.0142454	.0004597	.000383
%RSD	.7765359	.8884135	4.030289	5.717178	2.694508	10.68323

#1	89.00501	-.002266	-.002473	.2610838	.0171314	-.003207
#2	88.94206	-.002275	-.002291	.2530304	.0165698	-.003578
#3	87.78343	-.002237	-.002439	.2333896	.0174810	-.003973

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	234.1588	.0995219	46.32626	.0442639	47.01659	.0011522
Stddev	4.2926	.0165715	.27005	.0273326	.87886	.0006297
%RSD	1.833208	16.65112	.5829414	61.74915	1.869247	54.64936

#1	231.2067	.1185816	46.15687	.0604047	46.48309	.0013633
#2	232.1867	.0914614	46.63769	.0596813	46.53573	.0004441
#3	239.0831	.0885226	46.18421	.0127057	48.03095	.0016492

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2375783	-.006763	35.43713	.1422546	-.070777	-.005536
Stddev	.0195966	.001546	.26978	.0235208	.000962	.000639
%RSD	8.248485	22.85473	.7612972	16.53434	1.359054	11.54619

#1	.2503255	-.005391	35.66405	.1599518	-.069762	-.005244
#2	.2473960	-.006462	35.50852	.1155640	-.071674	-.006270
#3	.2150134	-.008438	35.13884	.1512480	-.070896	-.005096

Sample Name: LR CHECK 2 Acquired: 10/9/2023 15:59:47 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007658	-.026405	.0091721	-.022274	.0093083	-.002306
Stddev	.000752	.000449	.0160099	.005104	.0091961	.000752
%RSD	9.822284	1.701884	174.5499	22.91258	98.79524	32.60670

#1	-.008280	-.026888	.0175027	-.027787	.0045589	-.002585
#2	-.006822	-.025999	.0192990	-.017714	.0034579	-.001454
#3	-.007873	-.026328	-.009285	-.021322	.0199080	-.002878

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	.0015109	z *****
Stddev	.0000363	-----
%RSD	2.400645	-----

#1	.0015398	z 2793.932
#2	.0015227	z 2782.073
#3	.0014702	z 2788.799

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1898.976	37122.27	7556.775	1681.667	2629.427
Stddev	28.315	236.56	56.757	11.810	36.153
%RSD	1.491075	.6372522	.7510696	.7023082	1.374947

#1	1912.543	36891.63	7550.214	1669.981	2644.729
#2	1917.955	37110.85	7503.584	1681.421	2655.414
#3	1866.430	37364.34	7616.527	1693.598	2588.139

Sample Name: LR CHECK 1 Acquired: 10/9/2023 16:06:28 Type: Unk
Method: NON EPA-6010-200.7(v2025) 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	.0127971	.0201001	.0565482	.2362194	-.019529	1914.382	.0022847
Stddev	.0010597	.0067797	.0071434	.0219383	.003091	11.813	.0014532
%RSD	8.281142	33.72990	12.63248	9.287258	15.82589	.6170574	63.60442

#1	.0137159	.0267685	.0629492	.2108898	-.021697	1912.253	.0038773
#2	.0116378	.0132143	.0578530	.2491940	-.020899	1903.778	.0010307
#3	.0130378	.0203173	.0488422	.2485745	-.015990	1927.115	.0019461

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054915	.0810802	1827.379	.0022925	.0249005	.1376011	874.7615
Stddev	.0000568	.0010656	13.167	.0007577	.0016151	.0049669	7.3158
%RSD	1.033716	1.314289	.7205132	33.05232	6.486185	3.609624	.8363161

#1	.0055385	.0810786	1825.345	.0031262	.0267468	.1396120	868.9067
#2	.0055077	.0800153	1815.348	.0021054	.0242051	.1319441	882.9626
#3	.0054284	.0821465	1841.444	.0016458	.0237496	.1412472	872.4154

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0402906	1830.547	.0067255	-.003086	1875.067	.0145823	.0717164
Stddev	.0006602	10.299	.0015461	.000796	35.517	.0013639	.0011725
%RSD	1.638702	.5626374	22.98909	25.77855	1.894176	9.352894	1.634901

#1	.0405159	1831.533	.0049701	-.002674	1874.483	.0133640	.0709696
#2	.0408087	1819.791	.0078851	-.002581	1910.873	.0143273	.0730678
#3	.0395472	1840.319	.0073214	-.004004	1839.846	.0160557	.0711118

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	982.0940	-1.36150	.0050582	-.007412	-.032874	-.019622	.0520572
Stddev	1.6918	.02344	.0005367	.002292	.000949	.022625	.0126136
%RSD	.1722644	1.721376	10.61135	30.91488	2.886060	115.3075	24.23024

#1	980.2507	-1.36991	.0051288	-.006607	-.032984	.004657	.0495089
#2	983.5760	-1.33502	.0044896	-.009998	-.031875	-.040117	.0657504
#3	982.4553	-1.37957	.0055561	-.005633	-.033763	-.023406	.0409124

Sample Name: LR CHECK 1 Acquired: 10/9/2023 16:06:28 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077	Ce4040
Units	ppm	ppm	ppm	Cts/S
Avg	.1432919	-.049126	.0092627	Z *****
Stddev	.0222967	.003215	.0000368	-----
%RSD	15.56037	6.545440	.3973039	-----

#1	.1642964	-.045899	.0092966	Z 4517.448
#2	.1456834	-.049148	.0092235	Z 4525.220
#3	.1198958	-.052330	.0092678	Z 4522.723

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1525.437	29668.06	6897.672	1353.393	1630.456
Stddev	8.065	195.08	50.430	11.529	5.673
%RSD	.5287155	.6575578	.7311203	.8518695	.3479556

#1	1525.343	29821.64	6880.875	1361.009	1632.585
#2	1533.548	29448.55	6954.357	1340.129	1634.757
#3	1517.419	29733.99	6857.784	1359.042	1624.026

Sample Name: CCV03 Acquired: 10/9/2023 16:11:36 Type: Unk
Method: NON EPA-6010-200.7(v2025) 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	4.729231	5.039293	4.789305	5.048807	5.064042	9.689124
Stddev	.013660	.006446	.007931	.029925	.015871	.017368
%RSD	.2888369	.1279138	.1656048	.5927092	.3134133	.1792550

#1	4.727706	5.042276	4.791518	5.079031	5.074445	9.678315
#2	4.716398	5.031895	4.780502	5.019191	5.045774	9.679899
#3	4.743589	5.043706	4.795894	5.048198	5.071906	9.709159

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.016802	.2429909	2.425759	23.37137	.9497593	2.409911
Stddev	.064493	.0008323	.007506	.11897	.0037763	.005952
%RSD	.7152530	.3425400	.3094125	.5090256	.3976024	.2469771

#1	8.943055	.2436980	2.431082	23.25377	.9500123	2.415420
#2	9.044706	.2420736	2.417174	23.36868	.9458630	2.403597
#3	9.062644	.2432010	2.429020	23.49166	.9534028	2.410715

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.238112	4.714421	2.543121	23.35450	2.458671	1.226679
Stddev	.004085	.025619	.011768	.10318	.005106	.006275
%RSD	.3299355	.5434198	.4627403	.4418042	.2076929	.5115435

#1	1.242621	4.690595	2.530152	23.25157	2.461014	1.229356
#2	1.234658	4.711149	2.546093	23.35399	2.452814	1.219509
#3	1.237057	4.741519	2.553119	23.45793	2.462185	1.231171

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.45541	2.254068	2.505056	25.29325	F 4.433880	5.003063
Stddev	.12324	.018054	.006759	.11520	.010584	.015537
%RSD	.4658433	.8009659	.2698216	.4554403	.2387147	.3105573

#1	26.48518	2.243565	2.505121	25.31336	4.446066	5.013078
#2	26.32001	2.243725	2.498264	25.16932	4.426980	4.985165
#3	26.56104	2.274915	2.511782	25.39707	4.428594	5.010948

Sample Name: CCV03 Acquired: 10/9/2023 16:11:36 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.879879	4.600941	5.348517	4.873248	4.948220	4.652551
Stddev	.021621	.008598	.043431	.018205	.010267	.003172
%RSD	.4430699	.1868704	.8120211	.3735663	.2074878	.0681717

#1	4.894470	4.592776	5.348447	4.885146	4.957712	4.649579
#2	4.855039	4.600133	5.305122	4.882307	4.937323	4.652185
#3	4.890127	4.609914	5.391984	4.852291	4.949625	4.655890

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	5.284591	Z *****
Stddev	.047489	-----
%RSD	.8986323	-----

#1	5.230866	Z 2818.604
#2	5.320965	Z 2842.352
#3	5.301941	Z 2823.432

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1945.356	36883.74	7789.520	1715.156	2507.684
Stddev	8.069	178.74	11.589	6.941	8.990
%RSD	.4147817	.4845961	.1487831	.4047024	.3584965

#1	1936.711	36843.05	7776.967	1720.874	2498.561
#2	1952.689	37079.31	7799.812	1717.162	2516.534
#3	1946.667	36728.85	7791.782	1707.433	2507.959

Sample Name: CCB03 Acquired: 10/9/2023 16:15:36 Type: Unk
Method: NON EPA-6010-200.7(v2025) 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	.0023485	-.000037	.0013792	-.003204	.0028113	-.001982
Stddev	.0055335	.000947	.0018556	.006688	.0006335	.018308
%RSD	235.6200	2525.167	134.5380	208.7559	22.53604	923.7161

#1	-.000932	-.001106	.0031876	-.000174	.0024404	-.022875
#2	.008737	.000295	-.000520	-.010871	.0035428	.005673
#3	-.000759	.000698	.001470	.001433	.0024506	.011257

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006046	.0000099	-.000079	-.001402	-.000023	.0001191
Stddev	.001708	.0000356	.000111	.013656	.000180	.0002320
%RSD	28.24541	357.7645	140.1136	974.1941	777.9172	194.8630

#1	-.004967	.0000080	.000017	-.013589	.000096	-.000123
#2	-.005156	.0000464	-.000201	.013357	.000065	.000142
#3	-.008015	-.000025	-.000054	-.003973	-.000230	.000339

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000022	-.000376	-.000125	-.005732	-.000019	.0004519
Stddev	.000466	.005340	.000125	.006570	.000363	.0000695
%RSD	2113.739	1419.539	100.2941	114.6296	1908.783	15.39221

#1	-.000259	.003108	-.000145	.000461	-.000198	.0004742
#2	-.000321	.002287	.000009	-.012623	-.000258	.0003739
#3	.000515	-.006524	-.000238	-.005033	.000399	.0005075

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.032624	.0019892	-.000030	.0701682	F -.066543	.0016983
Stddev	.012669	.0019960	.000433	.0326123	.001498	.0004195
%RSD	38.83171	100.3380	1422.499	46.47737	2.250931	24.70445

#1	-.044130	.0005141	.000461	.0859523	-.065185	.0020895
#2	-.034695	.0011932	-.000198	.0918854	-.066294	.0017501
#3	-.019048	.0042604	-.000355	.0326668	-.068149	.0012552

Sample Name: CCB03 Acquired: 10/9/2023 16:15:36 Type: Unk
Method: NON EPA-6010-200.7(v2025) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000870	.0004266	.0230583	-.003562	-.004333	-.001962
Stddev	.000690	.0005667	.0061021	.001433	.004122	.000368
%RSD	79.25764	132.8187	26.46392	40.21259	95.12147	18.77033

#1	-.000475	.0005689	.0255742	-.004891	-.007752	-.002007
#2	-.000469	.0009086	.0275002	-.003751	-.005492	-.001574
#3	-.001666	-.000198	.0161005	-.002045	.000244	-.002306

Elem	Sr4077	Ce4040
Units	ppm	Cts/S
Avg	.0000832	z *****
Stddev	.0000553	-----
%RSD	66.48716	-----

#1	.0001075	z 2646.404
#2	.0001223	z 2645.542
#3	.0000199	z 2632.811

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2036.703	37768.39	7714.887	1775.167	2783.164
Stddev	3.167	181.45	253.819	6.553	7.850
%RSD	.1554840	.4804402	3.289984	.3691755	.2820456

#1	2035.868	37569.78	7828.906	1767.600	2778.083
#2	2040.204	37809.90	7424.054	1778.859	2792.205
#3	2034.038	37925.50	7891.702	1779.041	2779.204