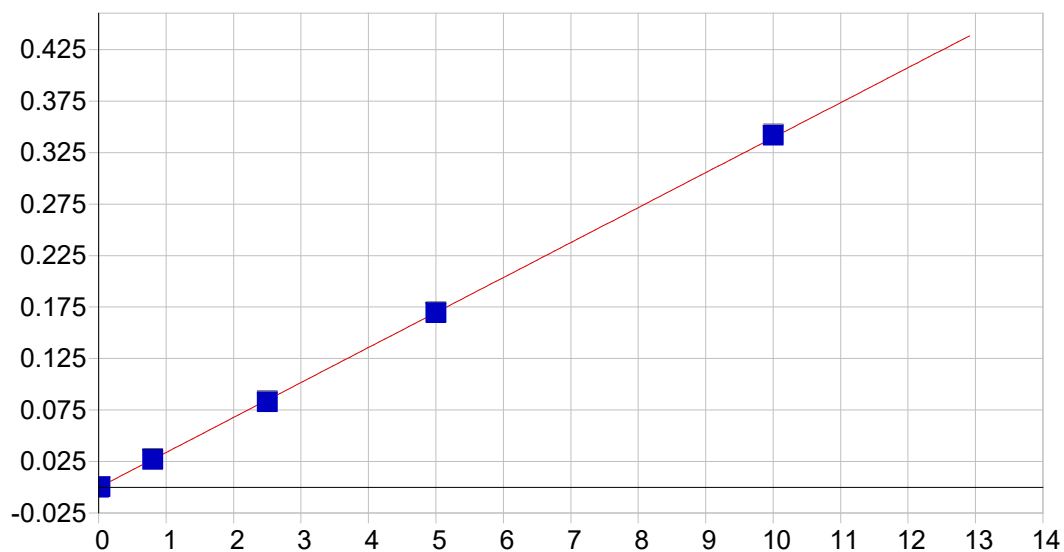


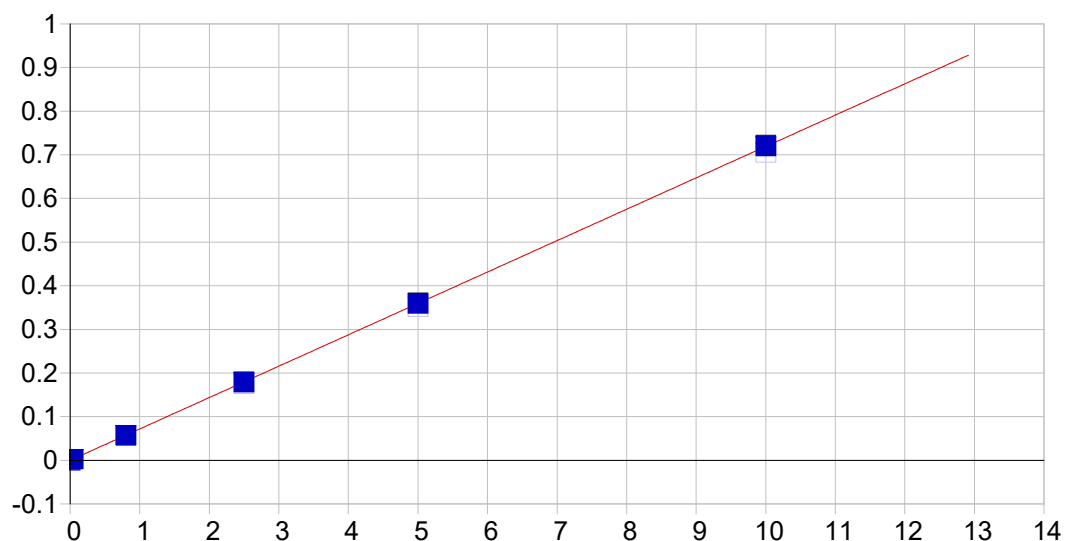


As 189.042 {479}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000210 Re-Slope: 1.000000
 A1 (Gain): 0.033970 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.010032
 Predicted MQL: 0.033440

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.02000	.01924	-.001	-3.79	.00045	.000	1
S3	2.5000	2.4481	-.052	-2.07	.08308	.001	1
S4	5.0000	4.9930	-.007	-.140	.16966	.000	1
S5	10.000	10.065	.065	.647	.34220	.001	1
S2	.80000	.79493	-.005	-.633	.02684	.001	1

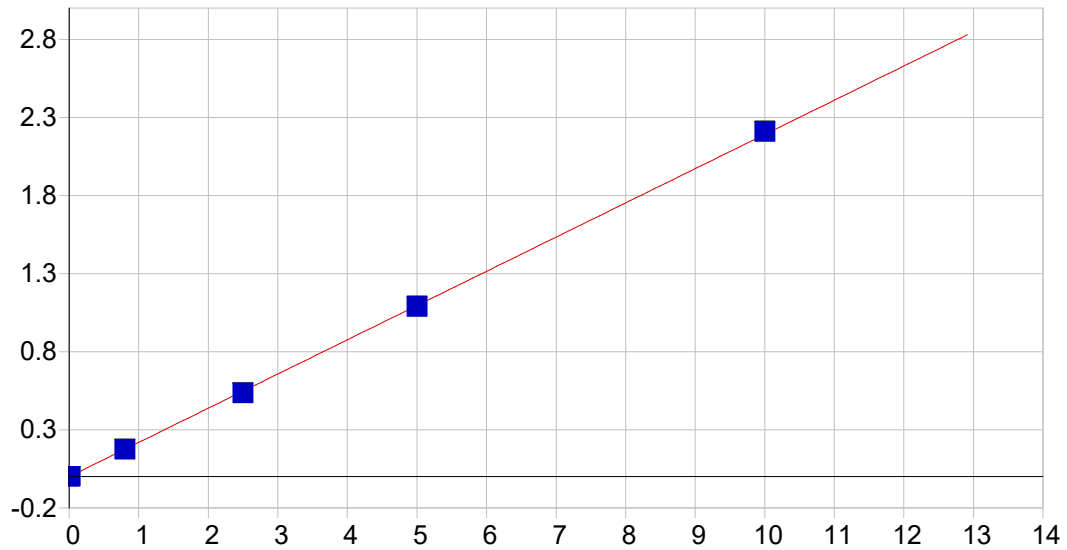


TI 190.856 {477}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000169 Re-Slope: 1.000000
 A1 (Gain): 0.071915 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.003663
 Predicted MQL: 0.012210

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00017	.000	1
S1	.04000	.03973	-.000	-.669	.00257	.000	1
S3	2.5000	2.4910	-.009	-.361	.17521	.001	1
S4	5.0000	4.9974	-.003	-.053	.35170	.002	1
S5	10.000	10.015	.015	.153	.70506	.002	1
S2	.80000	.79666	-.003	-.417	.05592	.000	1

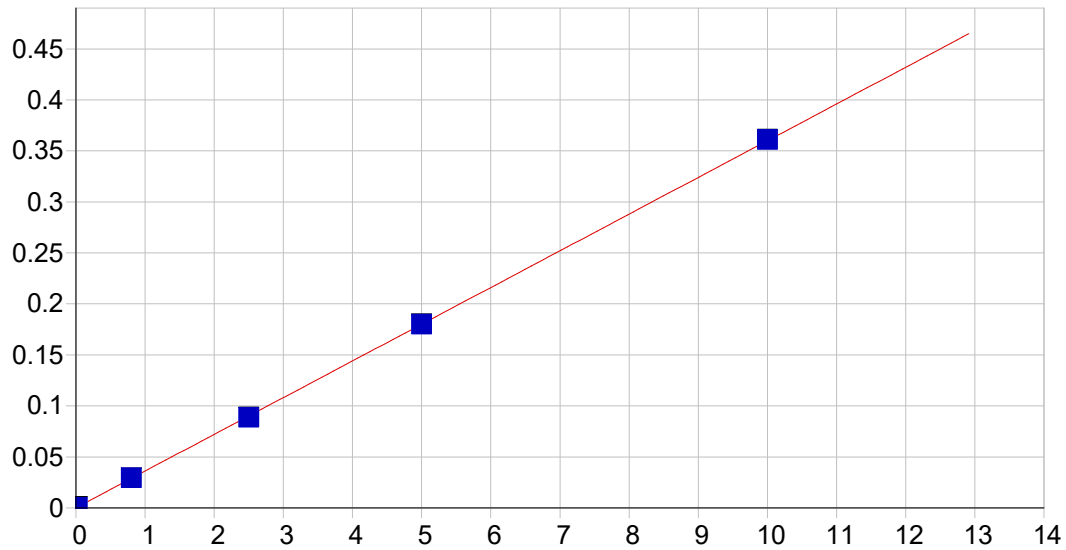


Pb 220.353 {453}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000178 Re-Slope: 1.000000
A1 (Gain): 0.219063 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999943 Status: OK.
Std Error of Est: 0.000042
Predicted MDL: 0.002542
Predicted MQL: 0.008474

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00018	.001	1
S1	.01200	.01257	.001	4.78	.00288	.000	1
S3	2.5000	2.4479	-.052	-2.09	.53564	.003	1
S4	5.0000	4.9675	-.032	-.650	1.0868	.003	1
S5	10.000	10.087	.087	.867	2.2067	.003	1
S2	.80000	.79740	-.003	-.325	.17461	.001	1

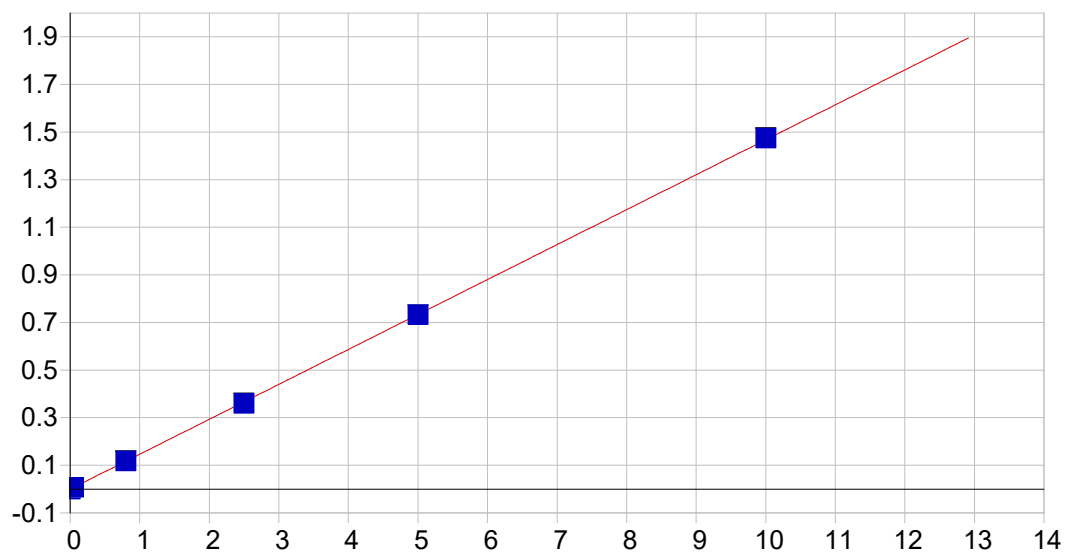


Se 196.090 {472}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000170 Re-Slope: 1.000000
 A1 (Gain): 0.035979 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.009264
 Predicted MQL: 0.030881

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.02000	.01904	-.001	-4.82	.00085	.000	1
S3	2.5000	2.4625	-.038	-1.50	.08876	.000	1
S4	5.0000	4.9971	-.003	-.058	.17994	.000	1
S5	10.000	10.027	.027	.271	.36090	.001	1
S2	.80000	.81432	.014	1.79	.02947	.000	1

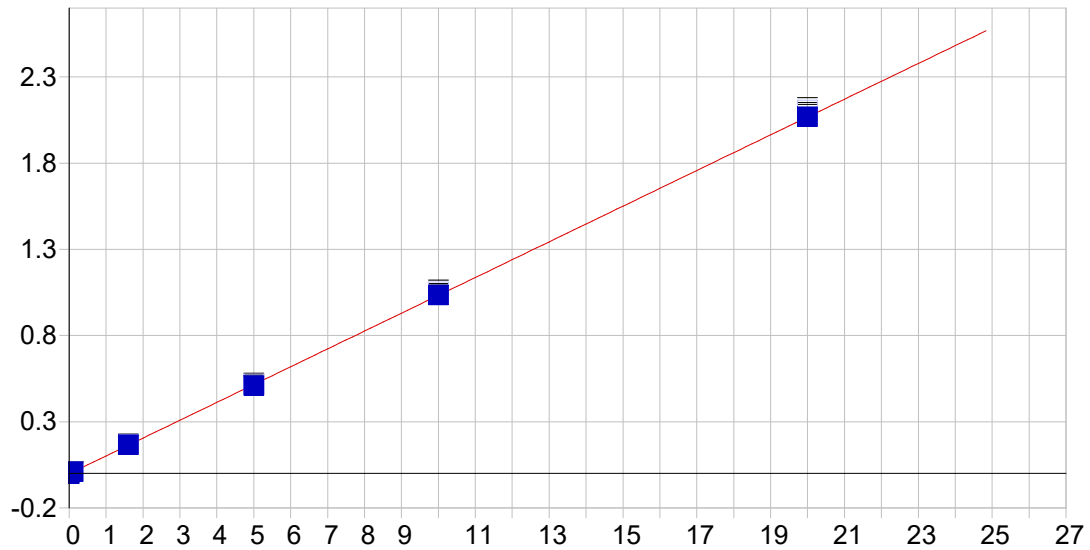


Sb 206.833 {463}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000230 Re-Slope: 1.000000
 A1 (Gain): 0.146786 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.002953
 Predicted MQL: 0.009843

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.05000	.04874	-.001	-2.53	.00690	.000	1
S3	2.5000	2.4533	-.047	-1.87	.35985	.002	1
S4	5.0000	4.9923	-.008	-.154	.73249	.001	1
S5	10.000	10.050	.050	.495	1.4748	.002	1
S2	.80000	.80616	.006	.770	.11809	.001	1

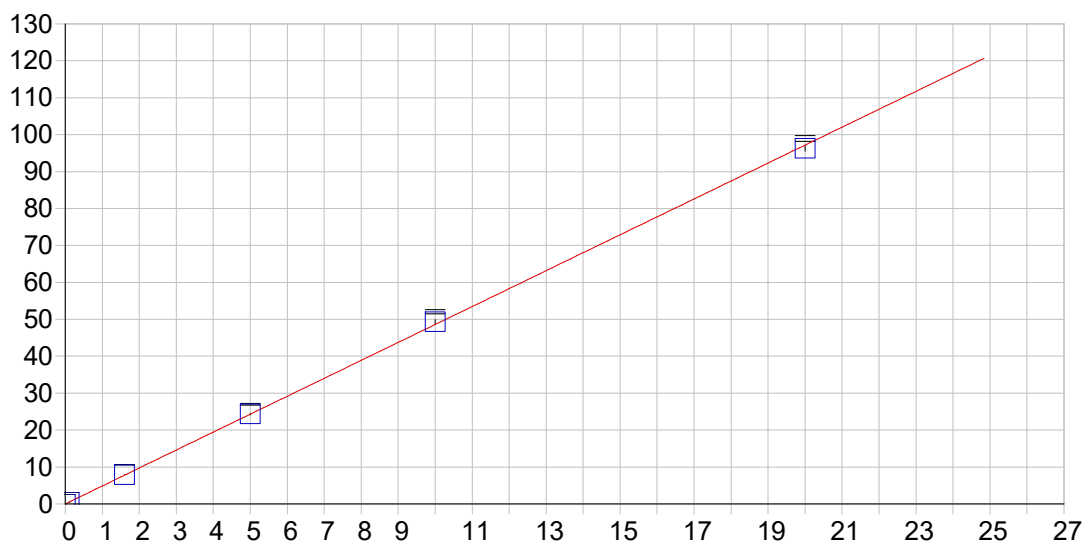


AI 396.152 { 85}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001817 Re-Slope: 1.000000
 A1 (Gain): 0.103492 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.008126
 Predicted MQL: 0.027086

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00182	.000	1
S1	.10000	.10701	.007	7.01	.01003	.000	1
S3	5.0000	4.9429	-.057	-1.14	.51935	.005	1
S4	10.000	10.007	.007	.069	1.0530	.011	1
S5	20.000	20.015	.015	.074	2.1080	.014	1
S2	1.6000	1.6280	.028	1.75	.16975	.002	1

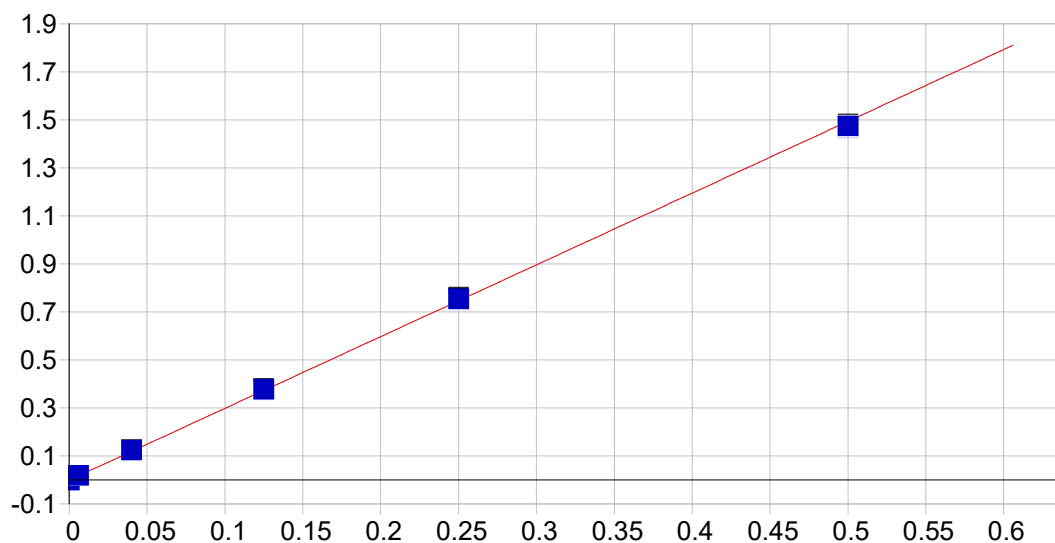


Ba 493.409 { 68}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004219 Re-Slope: 1.000000
 A1 (Gain): 4.858441 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.003975
 Predicted MDL: 0.000347
 Predicted MQL: 0.001157

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00421	.002	1
S1	.10000	.10014	.000	.135	.49072	.004	1
S3	5.0000	5.0040	.004	.079	24.316	.187	1
S4	10.000	10.154	.154	1.54	49.336	.568	1
S5	20.000	19.816	-.184	-.918	96.281	.788	1
S2	1.6000	1.6257	.026	1.61	7.9027	.030	1

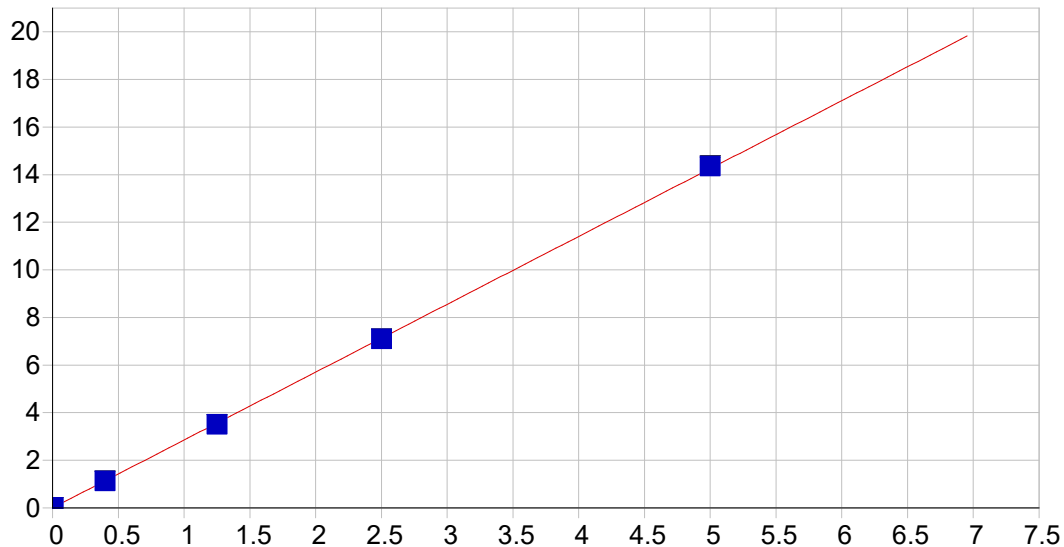


Be 234.861 {144}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000912 Re-Slope: 1.000000
 A1 (Gain): 2.990739 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999871 Status: OK.
 Std Error of Est: 0.000137
 Predicted MDL: 0.000097
 Predicted MQL: 0.000324

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00091	.000	1
S1	.00600	.00638	.000	6.38	.01798	.000	1
S3	.12500	.12655	.002	1.24	.37504	.002	1
S4	.25000	.25253	.003	1.01	.74933	.007	1
S5	.50000	.49369	-.006	-1.26	1.4656	.007	1
S2	.04000	.04185	.002	4.61	.12343	.001	1

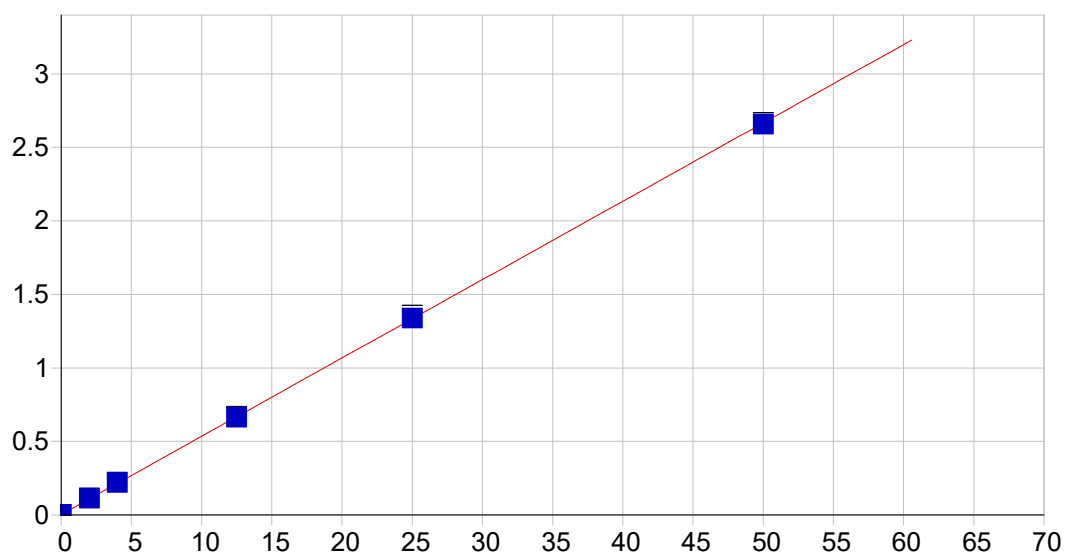


Cd 214.438 {457}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000584 Re-Slope: 1.000000
 A1 (Gain): 2.851200 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000225
 Predicted MDL: 0.000135
 Predicted MQL: 0.000450

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00058	.000	1
S1	.00600	.00634	.000	5.61	.01866	.000	1
S3	1.2500	1.2282	-.022	-1.75	3.5025	.007	1
S4	2.5000	2.4900	-.010	-.399	7.1005	.011	1
S5	5.0000	5.0341	.034	.683	14.355	.037	1
S2	.40000	.39735	-.003	-.663	1.1336	.001	1

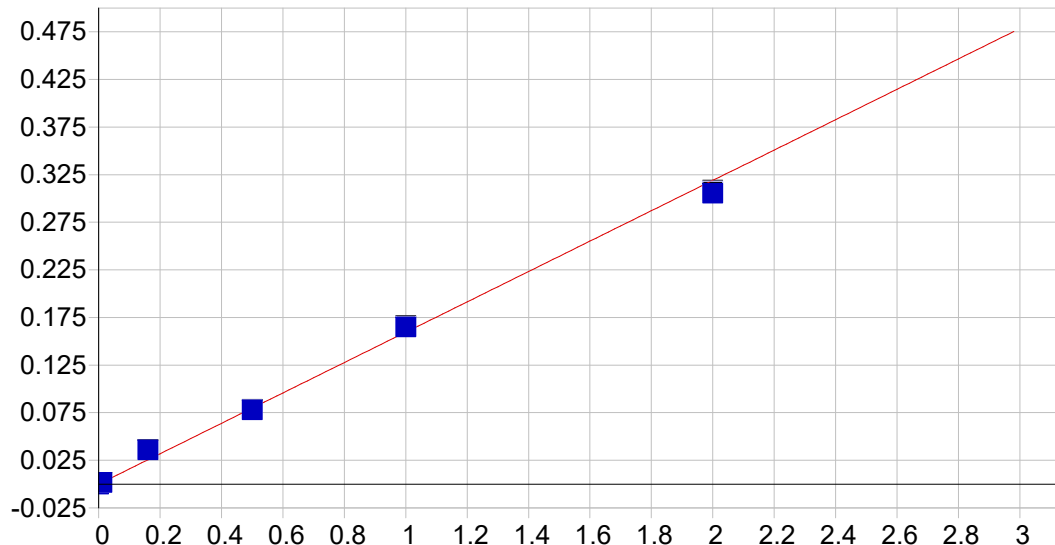


Ca 373.690 { 90}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002016 Re-Slope: 1.000000
 A1 (Gain): 0.053282 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000258
 Predicted MDL: 0.011242
 Predicted MQL: 0.037474

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00012	-.000	.000	.00201	.000	1
S2	4.0000	4.1040	.104	2.60	.22060	.002	1
S3	12.500	12.409	-.091	-.725	.66294	.008	1
S4	25.000	25.075	.075	.298	1.3375	.021	1
S5	50.000	49.827	-.173	-.347	2.6558	.012	1
S1	2.0000	2.0855	.086	4.28	.11313	.000	1

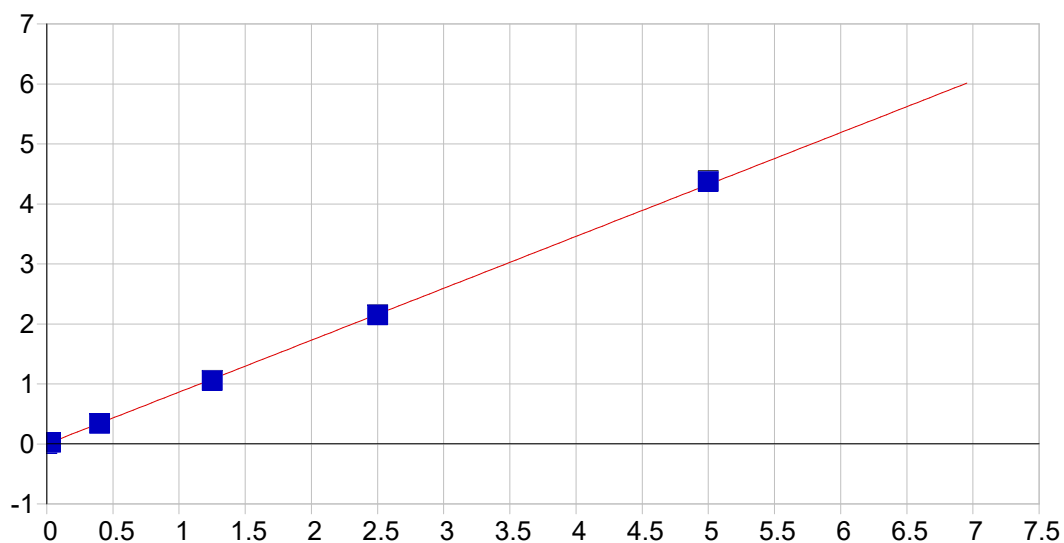


Cr 267.716 {126}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000035 Re-Slope: 1.000000
 A1 (Gain): 0.159491 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.995863 Status: OK.
 Std Error of Est: 0.000109
 Predicted MDL: 0.000486
 Predicted MQL: 0.001620

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.01000	.00972	-.000	-2.85	.00160	.000	1
S3	.50000	.48746	-.013	-2.51	.07834	.000	1
S4	1.0000	1.0340	.034	3.40	.16607	.000	1
S5	2.0000	1.9145	-.085	-4.27	.30763	.001	1
S2	.16000	.22432	.064	40.2	.03599	.000	1

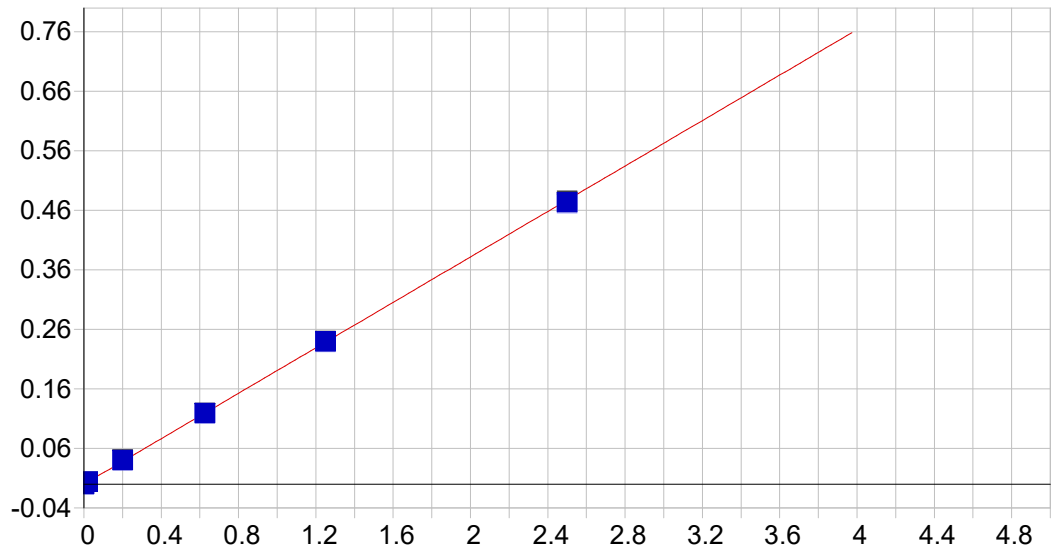


Co 228.616 {448}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001030	Re-Slope:	1.000000
A1 (Gain):	0.864849	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999919	Status:	OK.
Std Error of Est:	0.000224		
Predicted MDL:	0.000435		
Predicted MQL:	0.001449		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00103	.001	1
S1	.03000	.02952	-.000	-1.62	.02441	.000	1
S3	1.2500	1.2190	-.031	-2.48	1.0554	.003	1
S4	2.5000	2.4856	-.014	-.577	2.1531	.003	1
S5	5.0000	5.0518	.052	1.04	4.3771	.010	1
S2	.40000	.39408	-.006	-1.48	.34051	.001	1

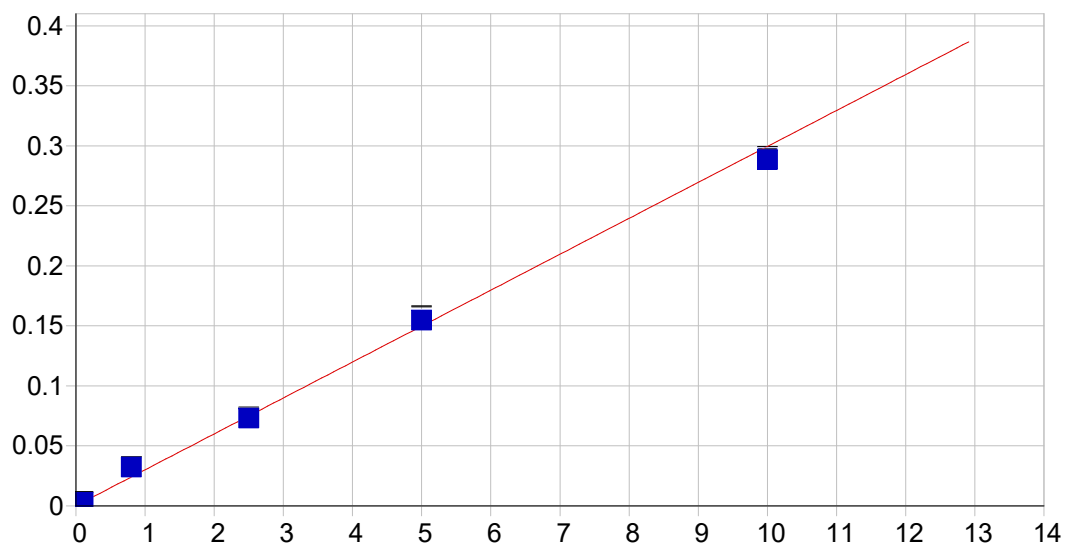


Cu 324.754 {104}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000128	Re-Slope:	1.000000
A1 (Gain):	0.190963	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999870	Status:	OK.
Std Error of Est:	0.000036		
Predicted MDL:	0.002669		
Predicted MQL:	0.008895		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00013	.000	1
S1	.02000	.02300	.003	15.0	.00426	.000	1
S3	.62500	.62353	-.001	-.235	.11839	.000	1
S4	1.2500	1.2558	.006	.464	.23858	.000	1
S5	2.5000	2.4820	-.018	-.721	.47164	.002	1
S2	.20000	.21068	.011	5.34	.03993	.001	1

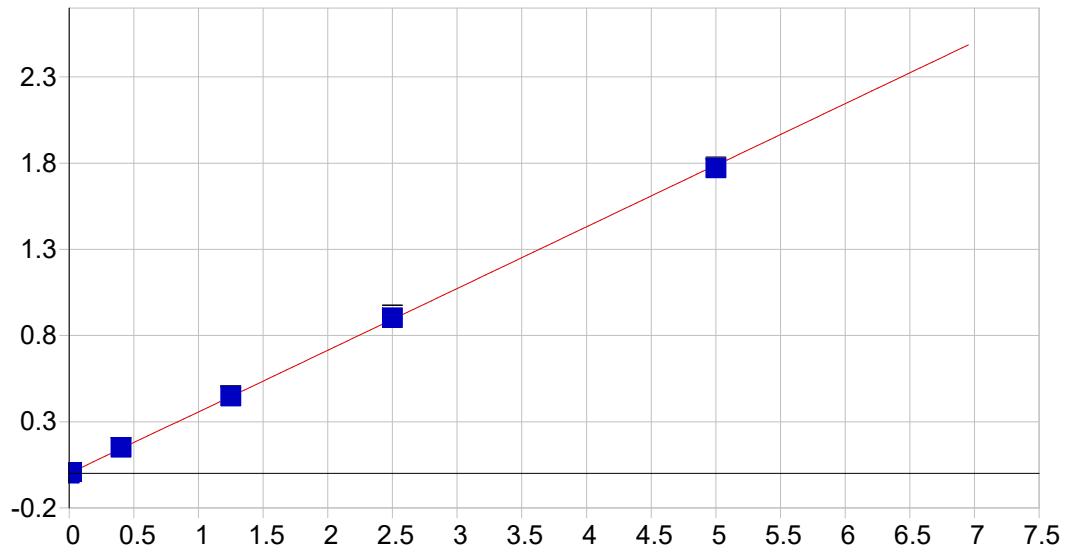


Fe 259.837 {130}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000152 Re-Slope: 1.000000
 A1 (Gain): 0.029929 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997027 Status: OK.
 Std Error of Est: 0.000122
 Predicted MDL: 0.007485
 Predicted MQL: 0.024950

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00015	.000	1
S1	.10000	.10394	.004	3.94	.00327	.000	1
S3	2.5000	2.4314	-.069	-2.74	.07329	.001	1
S4	5.0000	5.1609	.161	3.22	.15535	.003	1
S5	10.000	9.6349	-.365	-3.65	.28998	.001	1
S2	.80000	1.0689	.269	33.6	.03226	.000	1

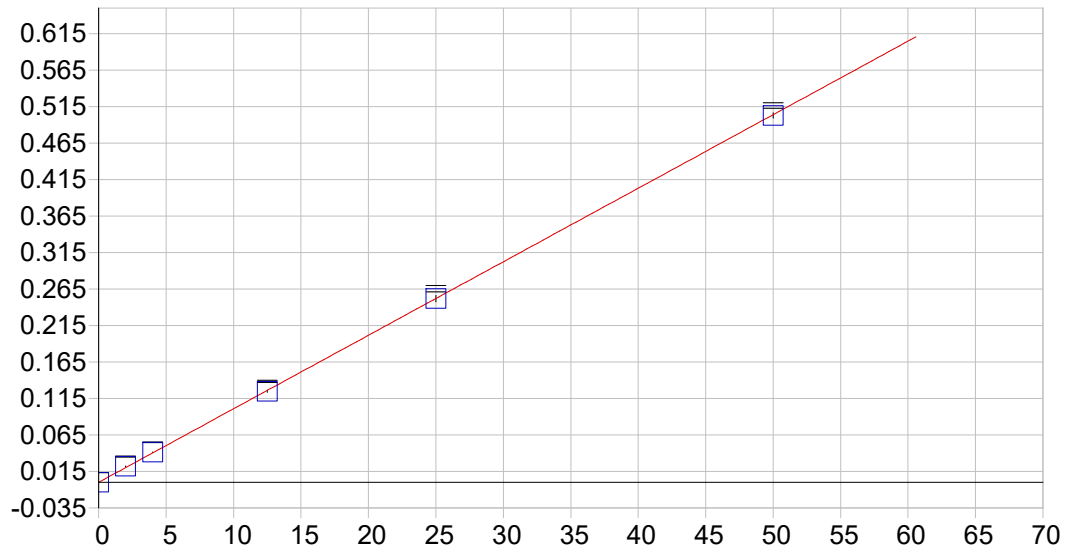


Mn 257.610 {131}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000050	Re-Slope:	1.000000
A1 (Gain):	0.357604	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999902	Status:	OK.
Std Error of Est:	0.000083		
Predicted MDL:	0.000553		
Predicted MQL:	0.001843		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.02000	.02121	.001	6.04	.00754	.000	1
S3	1.2500	1.2504	.000	.030	.44717	.004	1
S4	2.5000	2.5264	.026	1.06	.90357	.015	1
S5	5.0000	4.9521	-.048	-.959	1.7711	.007	1
S2	.40000	.41991	.020	4.98	.15014	.001	1

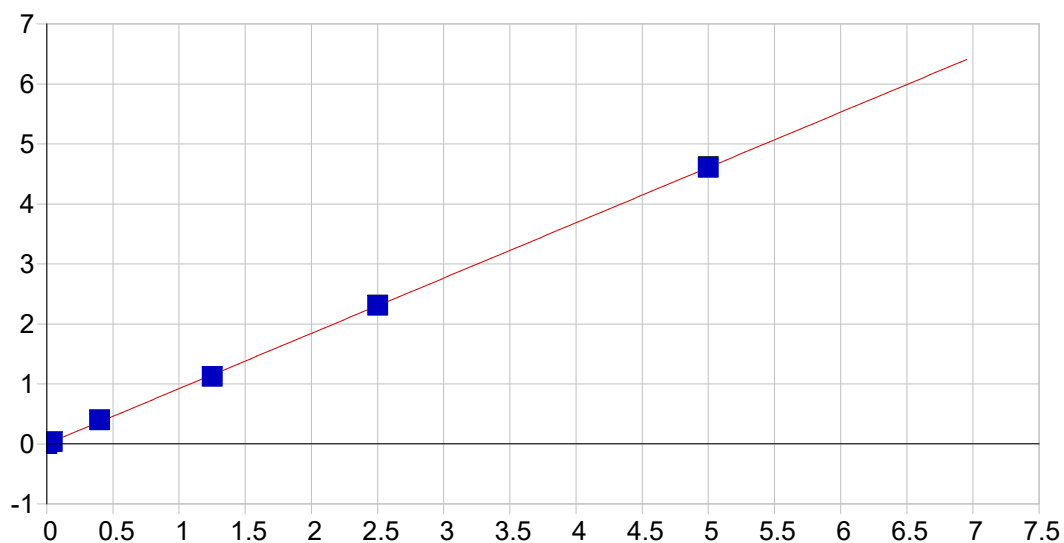


Mg 279.079 {121}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000056 Re-Slope: 1.000000
 A1 (Gain): 0.010077 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908 Status: OK.
 Std Error of Est: 0.000072
 Predicted MDL: 0.026626
 Predicted MQL: 0.088754

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00018	-.000	.000	.00005	.000	1
S2	4.0000	4.0845	.085	2.11	.04122	.001	1
S3	12.500	12.380	-.120	-.962	.12480	.002	1
S4	25.000	24.971	-.029	-.115	.25168	.004	1
S5	50.000	49.898	-.102	-.205	.50286	.004	1
S1	2.0000	2.1668	.167	8.34	.02189	.001	1

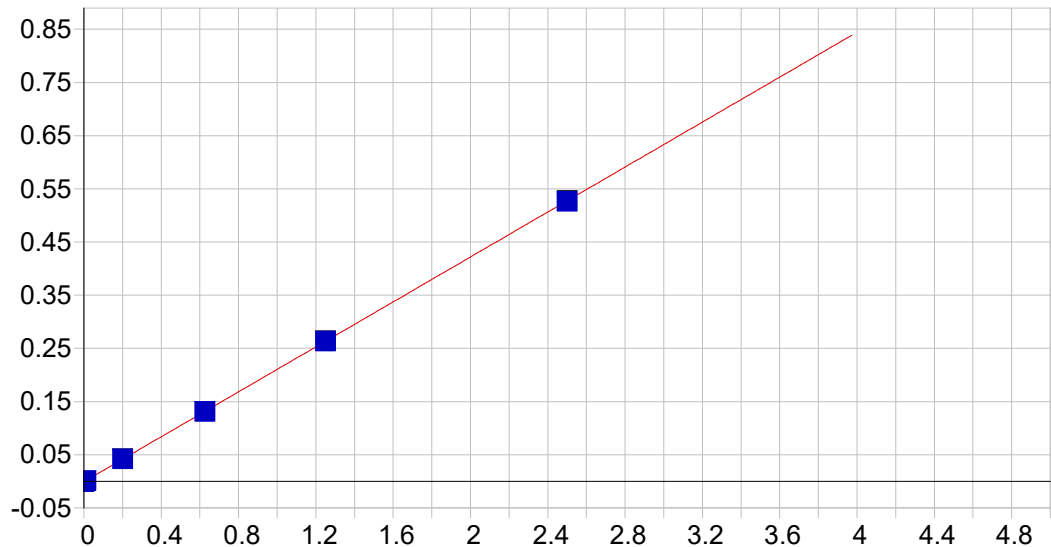


Ni 231.604 {446}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000658 Re-Slope: 1.000000
A1 (Gain): 0.921582 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999825 Status: OK.
Std Error of Est: 0.000405
Predicted MDL: 0.000528
Predicted MQL: 0.001761

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00066	.000	1
S1	.04000	.03938	-.001	-1.54	.03567	.001	1
S3	1.2500	1.2172	-.033	-2.63	1.1222	.001	1
S4	2.5000	2.5050	.005	.199	2.3101	.004	1
S5	5.0000	4.9979	-.002	-.043	4.6097	.010	1
S2	.40000	.43060	.031	7.65	.39653	.000	1

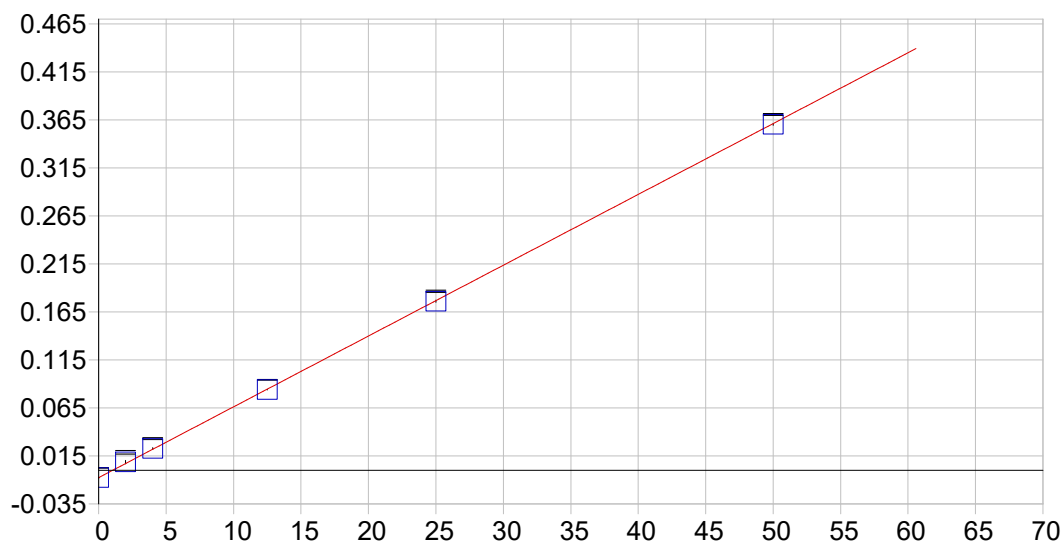


Ag 328.068 {103}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000800 Re-Slope: 1.000000
 A1 (Gain): 0.211365 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.000550
 Predicted MQL: 0.001833

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00080	.000	1
S1	.01000	.01024	.000	2.40	.00136	.000	1
S3	.62500	.62437	-.001	-.101	.13103	.000	1
S4	1.2500	1.2506	.001	.047	.26325	.000	1
S5	2.5000	2.4956	-.004	-.177	.52611	.001	1
S2	.20000	.20422	.004	2.11	.04232	.000	1

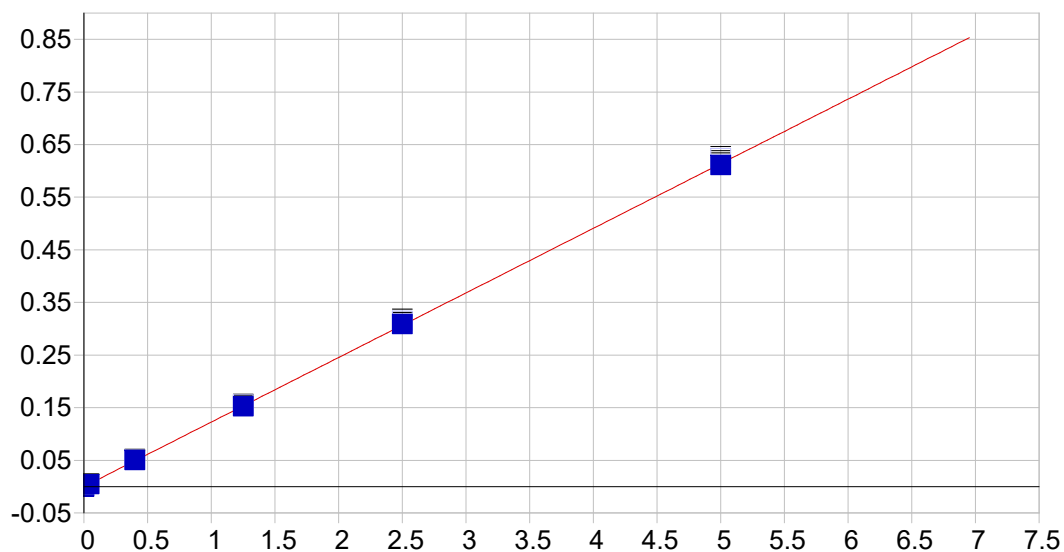


Na 818.326 { 41}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007626 Re-Slope: 1.000000
 A1 (Gain): 0.007379 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999871 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.211862
 Predicted MQL: 0.706206

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00023	-.000	.000	-.00763	.000	1
S2	4.0000	4.1146	.115	2.87	.02274	.001	1
S3	12.500	12.414	-.086	-.685	.08398	.000	1
S4	25.000	24.900	-.100	-.399	.17612	.001	1
S5	50.000	49.873	-.127	-.253	.36040	.001	1
S1	2.0000	2.1974	.197	9.87	.00859	.002	1

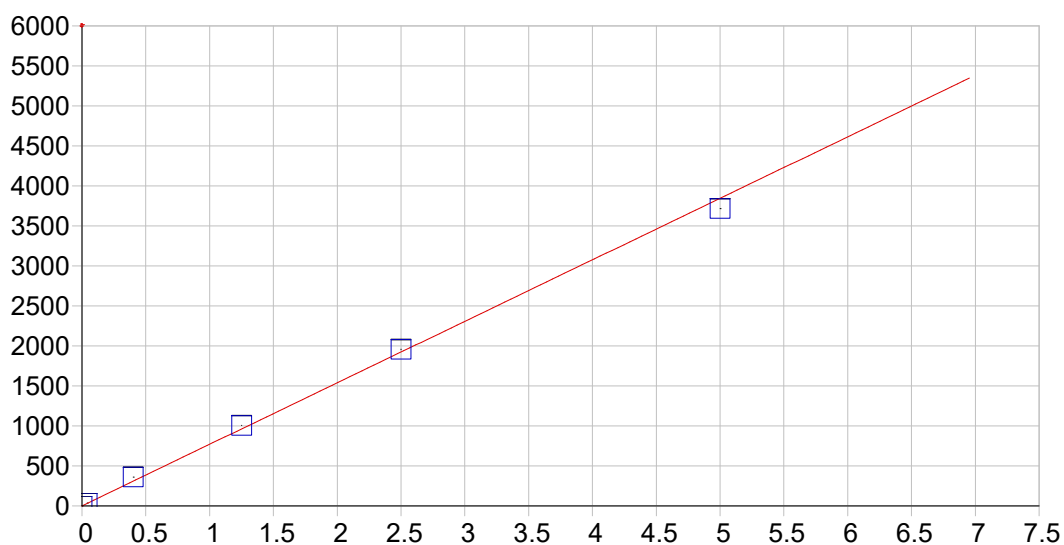


V 292.402 {115}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000122	Re-Slope:	1.000000
A1 (Gain):	0.122755	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999976	Status:	OK.
Std Error of Est:	0.000020		
Predicted MDL:	0.002632		
Predicted MQL:	0.008775		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00012	.001	1
S1	.04000	.03959	-.000	-1.02	.00498	.000	1
S3	1.2500	1.2417	-.008	-.665	.15536	.001	1
S4	2.5000	2.5185	.019	.740	.31515	.003	1
S5	5.0000	4.9815	-.019	-.370	.62361	.004	1
S2	.40000	.40874	.009	2.18	.05103	.001	1

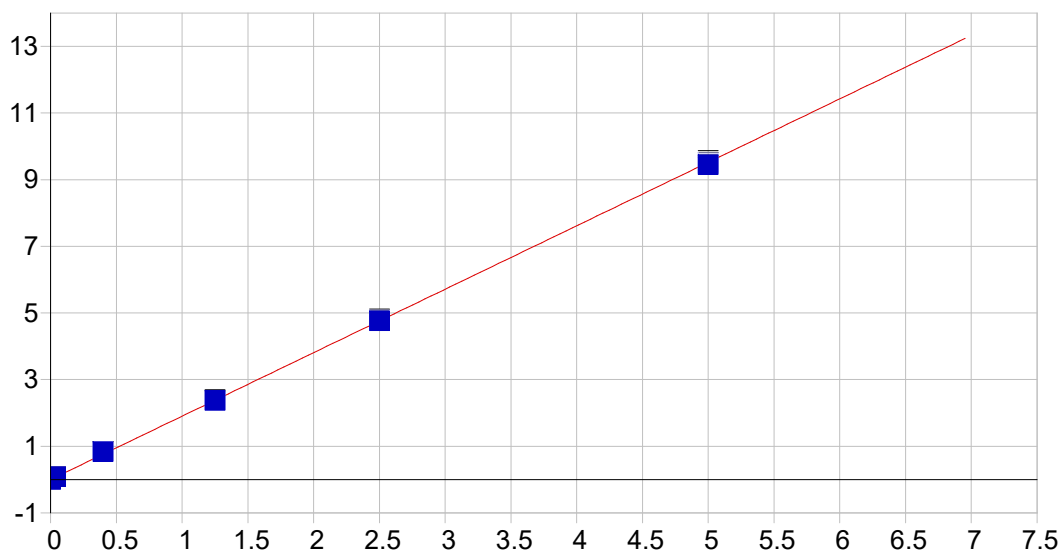


Zn 206.200 {464}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 1.096987 Re-Slope: 1.000000
 A1 (Gain): 768.730532 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998909 Status: OK.
 Std Error of Est: 0.843319
 Predicted MDL: 0.000543
 Predicted MQL: 0.001809

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	1.0876	.191	1
S1	.04000	.04448	.004	11.2	35.292	.442	1
S3	1.2500	1.3054	.055	4.43	1004.6	2.19	1
S4	2.5000	2.5413	.041	1.65	1954.7	3.77	1
S5	5.0000	4.8329	-.167	-3.34	3716.3	.299	1
S2	.40000	.46590	.066	16.5	359.25	.667	1

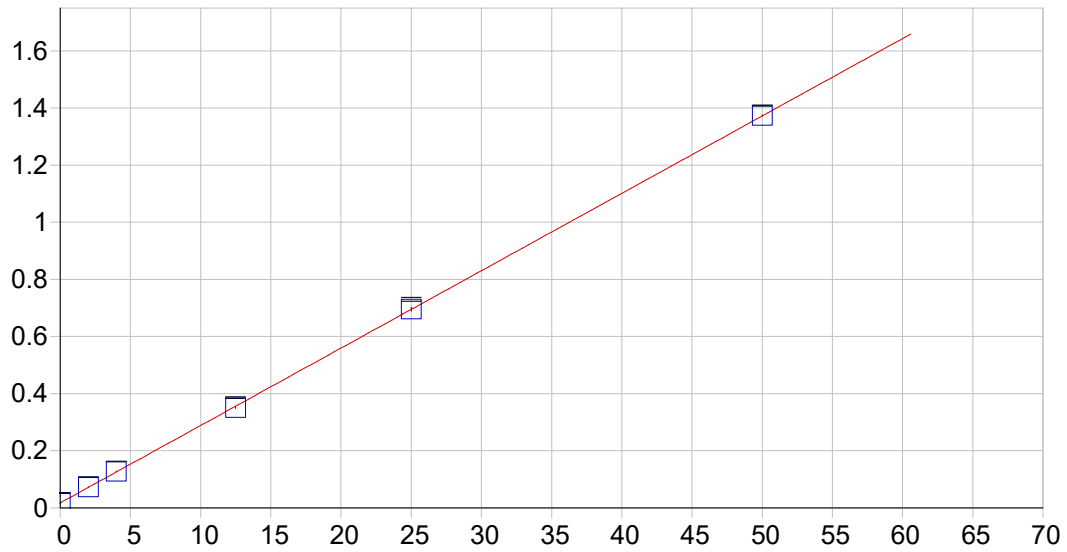


Zn 213.856 {158}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000171	Re-Slope:	1.000000
A1 (Gain):	1.904132	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999760	Status:	OK.
Std Error of Est:	0.000985		
Predicted MDL:	0.000601		
Predicted MQL:	0.002004		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00016	.000	1
S1	.04000	.04226	.002	5.65	.08107	.001	1
S3	1.2500	1.2453	-.005	-.373	2.3849	.012	1
S4	2.5000	2.4993	-.001	-.027	4.7860	.030	1
S5	5.0000	4.9629	-.037	-.742	9.5038	.069	1
S2	.40000	.44021	.040	10.1	.84268	.002	1

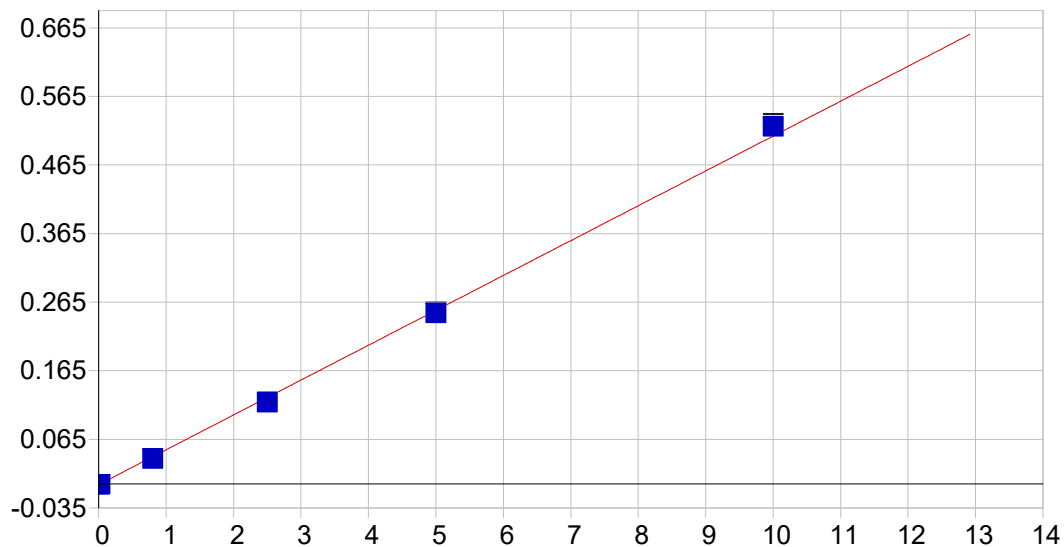


K 769.896 { 44 }

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.017567 Re-Slope: 1.000000
 A1 (Gain): 0.027094 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000110
 Predicted MDL: 0.053079
 Predicted MQL: 0.176931

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	-.000	.000	.01757	.002	1
S2	4.0000	4.0658	.066	1.64	.12773	.001	1
S3	12.500	12.303	-.197	-1.57	.35091	.003	1
S4	25.000	25.018	.018	.073	.69542	.007	1
S5	50.000	50.062	.062	.125	1.3740	.001	1
S1	2.0000	2.0505	.050	2.52	.07312	.001	1

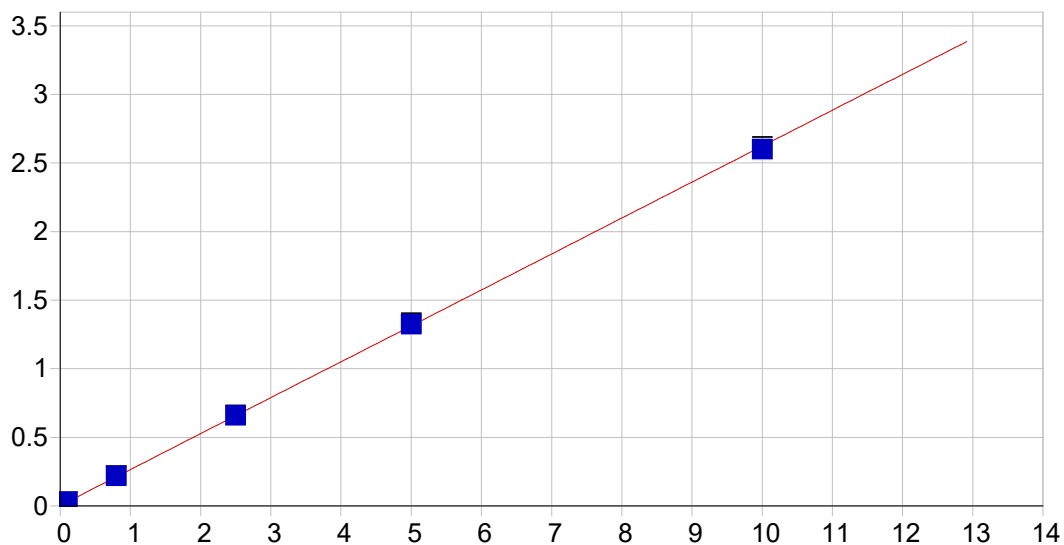


P 177.495 {490}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001138 Re-Slope: 1.000000
 A1 (Gain): 0.050830 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999446 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.004838
 Predicted MQL: 0.016128

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00114	.000	1
S1	.02000	.01683	-.003	-15.8	-.00027	.000	1
S3	2.5000	2.3636	-.136	-5.46	.11929	.000	1
S4	5.0000	4.9220	-.078	-1.56	.24963	.001	1
S5	10.000	10.273	.273	2.73	.52220	.003	1
S2	.80000	.74488	-.055	-6.89	.03682	.000	1

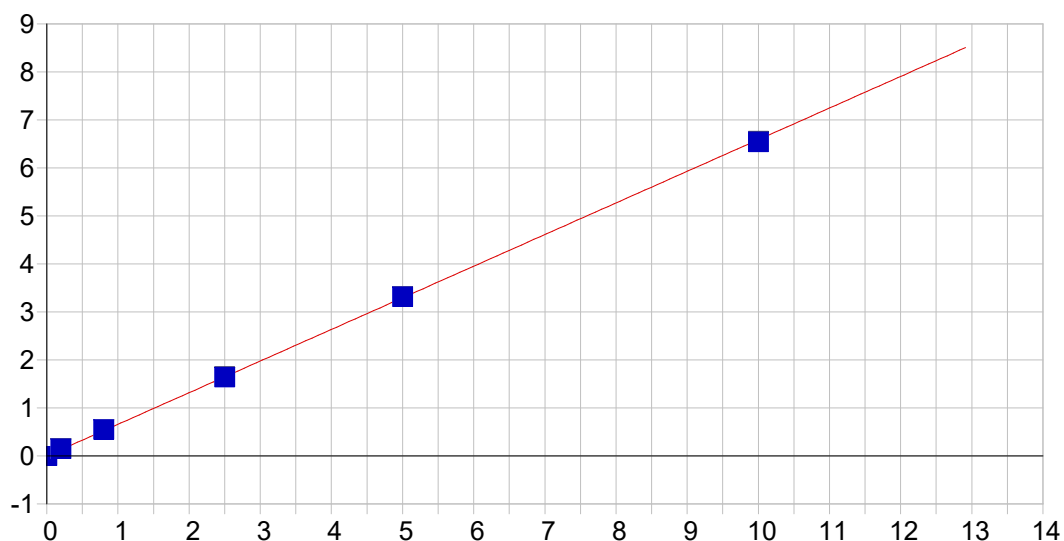


B 249.678 {135}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002918 Re-Slope: 1.000000
 A1 (Gain): 0.261973 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000141
 Predicted MDL: 0.001304
 Predicted MQL: 0.004348

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00292	.000	1
S1	.10000	.10414	.004	4.14	.03010	.000	1
S3	2.5000	2.5102	.010	.407	.65902	.001	1
S4	5.0000	5.0450	.045	.899	1.3216	.009	1
S5	10.000	9.9182	-.082	-.818	2.5952	.019	1
S2	.80000	.82252	.023	2.81	.21792	.000	1

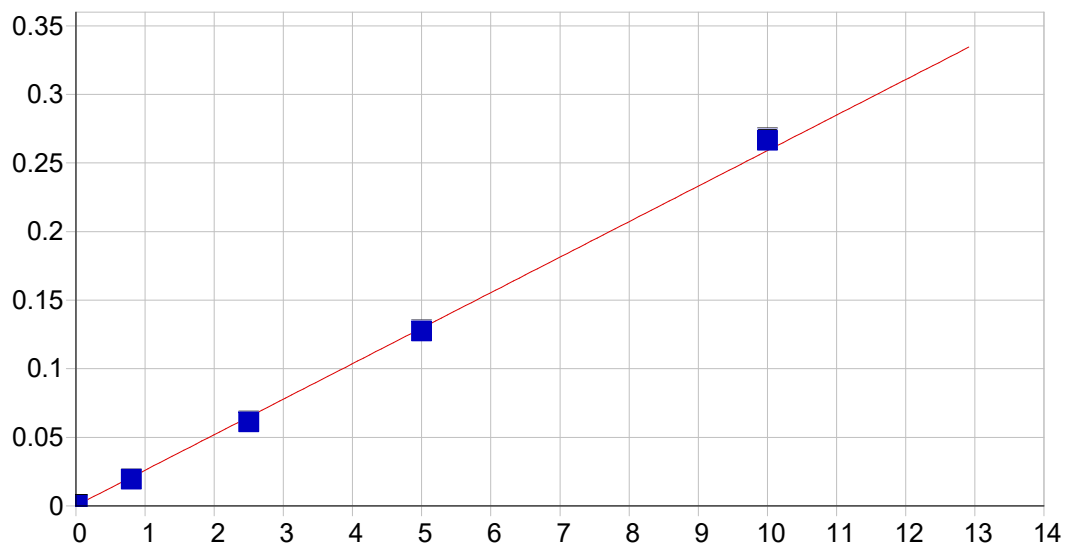


Mo 202.030 {467}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000447	Re-Slope:	1.000000
A1 (Gain):	0.658840	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999874	Status:	OK.
Std Error of Est:	0.000777		
Predicted MDL:	0.000587		
Predicted MQL:	0.001958		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00047	.000	1
S1	.20000	.22302	.023	11.5	.14650	.001	1
S3	2.5000	2.4925	-.007	-.300	1.6421	.000	1
S4	5.0000	5.0305	.031	.610	3.3146	.003	1
S5	10.000	9.9231	-.077	-.769	6.5387	.015	1
S2	.80000	.83090	.031	3.86	.54710	.002	1

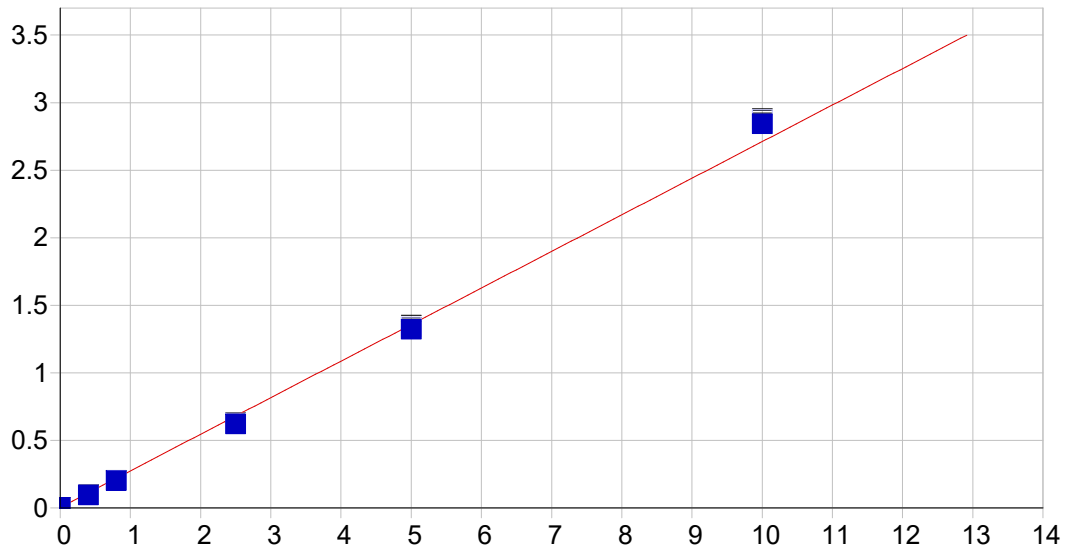


S 182.034 {485}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000165	Re-Slope:	1.000000
A1 (Gain):	0.025887	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999378	Status:	OK.
Std Error of Est:	0.000022		
Predicted MDL:	0.008725		
Predicted MQL:	0.029083		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.02000	.02212	.002	10.6	.00072	.000	1
S3	2.5000	2.3520	-.148	-5.92	.06137	.000	1
S4	5.0000	4.9141	-.086	-1.72	.12802	.000	1
S5	10.000	10.290	.290	2.90	.26781	.001	1
S2	.80000	.74225	-.058	-7.22	.01948	.000	1

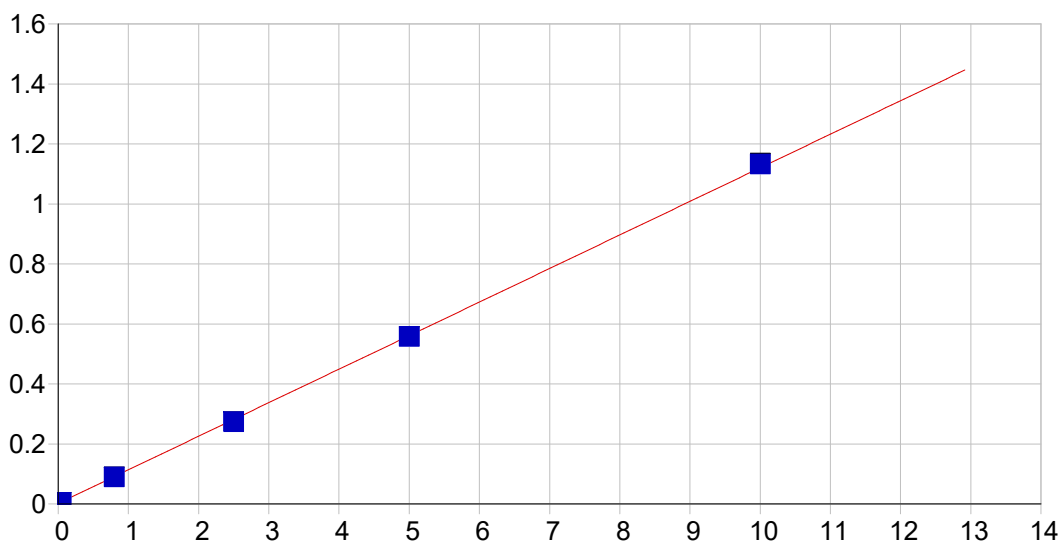


Si 251.611 {134}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003602 Re-Slope: 1.000000
 A1 (Gain): 0.270733 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998377 Status: OK.
 Std Error of Est: 0.001653
 Predicted MDL: 0.001236
 Predicted MQL: 0.004121

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00012	.000	.000	.00363	.000	1
S1	.40000	.34001	-.060	-15.0	.09617	.001	1
S3	2.5000	2.2791	-.221	-8.84	.62859	.002	1
S4	5.0000	4.8673	-.133	-2.65	1.3373	.014	1
S5	10.000	10.486	.486	4.86	2.8743	.007	1
S2	.80000	.72745	-.073	-9.07	.20310	.001	1

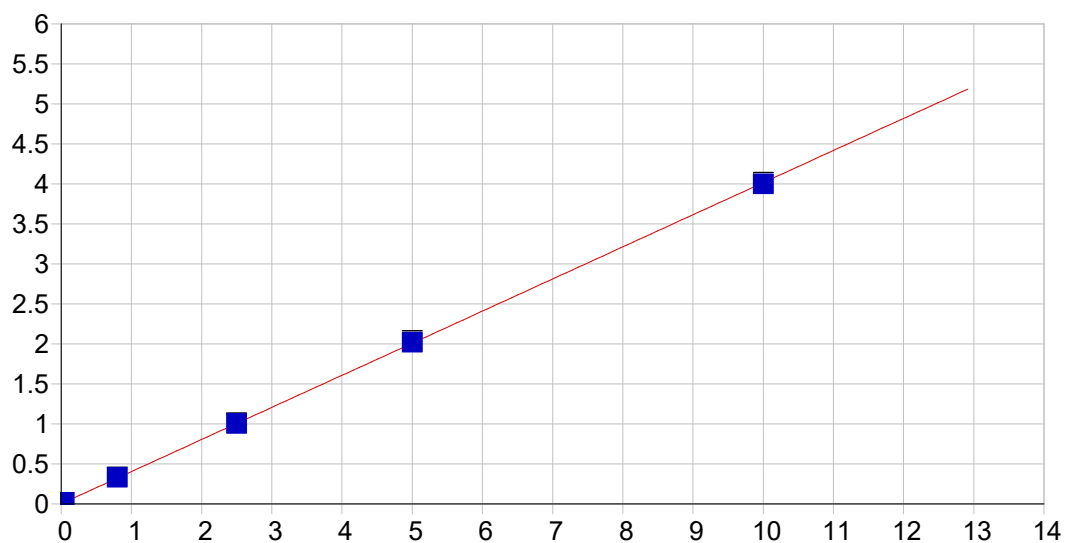


Sn 189.989 {478}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001729 Re-Slope: 1.000000
 A1 (Gain): 0.111851 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.002238
 Predicted MQL: 0.007459

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00173	.000	1
S1	.04000	.03905	-.001	-2.36	.00610	.000	1
S3	2.5000	2.4324	-.068	-2.70	.27358	.001	1
S4	5.0000	4.9693	-.031	-.613	.55711	.001	1
S5	10.000	10.114	.114	1.14	1.1321	.003	1
S2	.80000	.78531	-.015	-1.84	.08950	.001	1

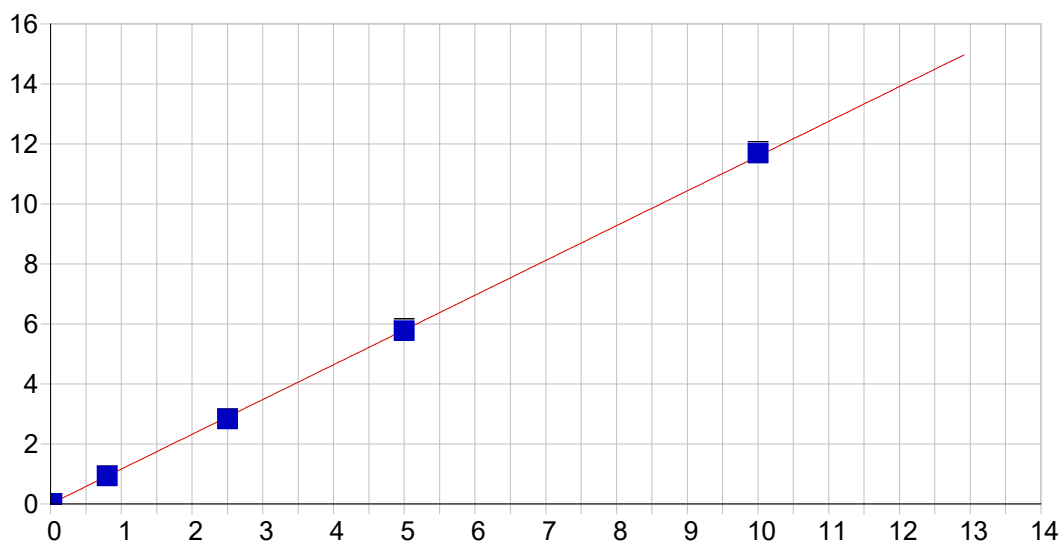


Ti 336.121 {100}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001940 Re-Slope: 1.000000
 A1 (Gain): 0.401377 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.001084
 Predicted MQL: 0.003612

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00194	.000	1
S1	.04000	.04034	.000	.843	.01812	.000	1
S3	2.5000	2.4941	-.006	-.238	1.0027	.010	1
S4	5.0000	5.0292	.029	.584	2.0199	.019	1
S5	10.000	9.9574	-.043	-.426	3.9972	.022	1
S2	.80000	.81904	.019	2.38	.33057	.003	1



Li 670.784 { 50}

Date of Fit: 12/28/2023 11:19:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002037 Re-Slope: 1.000000
 A1 (Gain): 1.158984 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000312
 Predicted MDL: 0.001387
 Predicted MQL: 0.004624

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00204	.001	1
S5	10.000	10.086	.086	.858	11.694	.048	1
S4	5.0000	4.9737	-.026	-.526	5.7677	.073	1
S3	2.5000	2.4398	-.060	-2.41	2.8303	.021	1
S1	.02000	.02137	.001	6.87	.02683	.000	1
S2	.80000	.79929	-.001	-.089	.92858	.002	1







Y 371.030 { 91}*

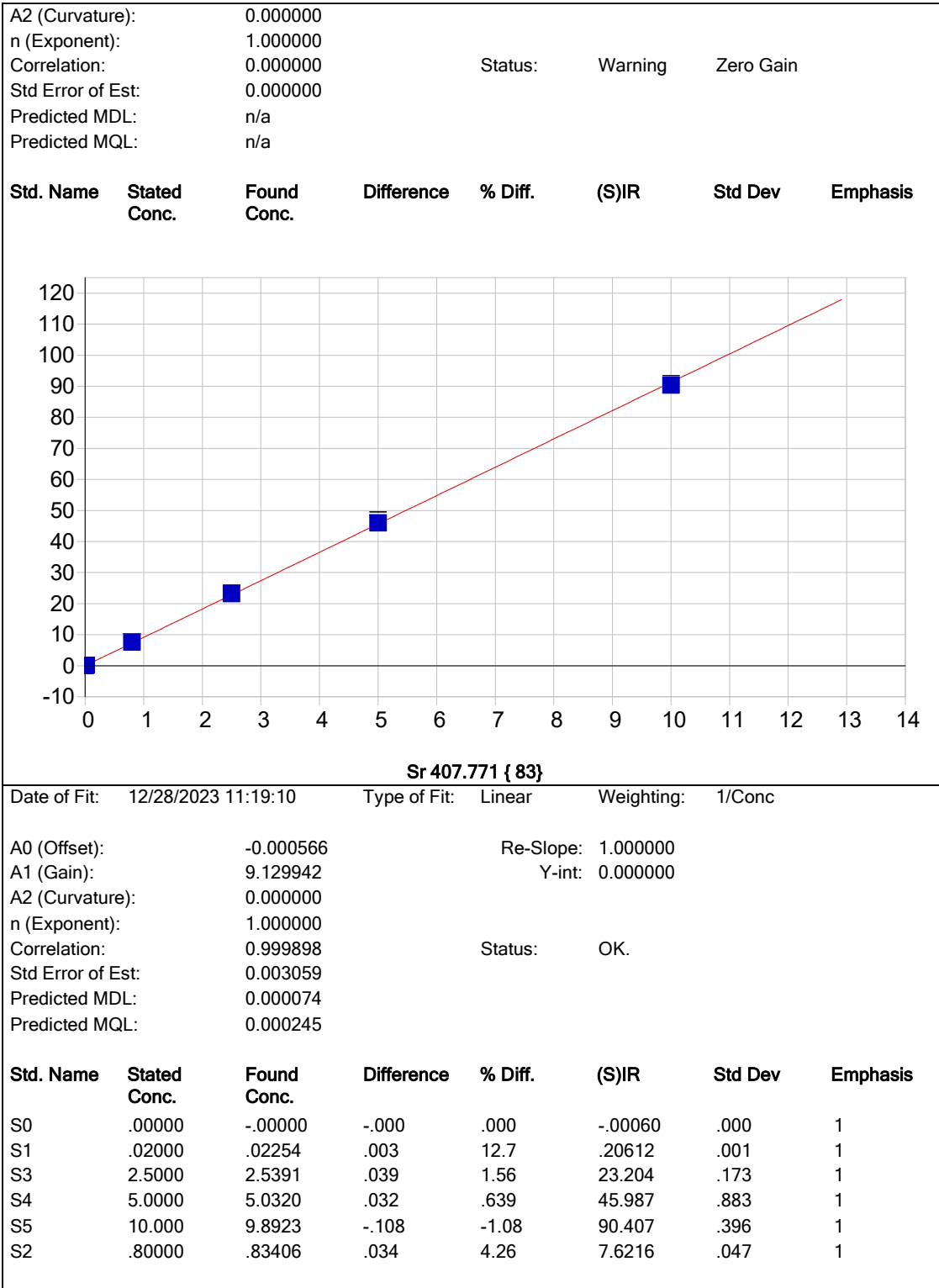
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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

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



Sample Name: S0 Acquired: 12/28/2023 9:33:07 Type: Cal
Method: NON EPA-6010-200.7(v182) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 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	-.00021	-.00017	.00018	.00017	-.00023	-.00182	.00421	-.00091
Stddev	.00020	.00026	.00051	.00002	.00026	.00031	.00181	.00019
%RSD	97.613	153.24	286.80	14.534	112.19	17.223	42.927	20.287

#1	.00002	-.00026	.00047	.00015	-.00034	-.00166	.00300	-.00107
#2	-.00035	.00012	-.00041	.00017	.00006	-.00161	.00628	-.00071
#3	-.00030	-.00037	.00048	.00020	-.00041	-.00218	.00334	-.00096

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00058	.00201	.00003	-.00103	-.00013	.00015	-.00005	.00005
Stddev	.00014	.00024	.00006	.00051	.00020	.00007	.00014	.00020
%RSD	24.275	12.194	167.94	49.927	156.72	43.417	268.42	361.07

#1	.00075	.00217	-.00002	-.00045	-.00002	.00015	.00010	.00016
#2	.00050	.00173	.00003	-.00142	-.00036	.00009	-.00011	.00017
#3	.00050	.00212	.00009	-.00122	-.00000	.00022	-.00015	-.00017

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00066	-.00080	-.00763	-.00012	.00016	.01757	-.00114	.00292
Stddev	.00008	.00012	.00023	.00052	.00048	.00164	.00004	.00011
%RSD	11.928	15.350	3.0389	424.82	302.19	9.3250	3.1494	3.7435

#1	-.00058	-.00068	-.00777	-.00064	.00052	.01569	-.00118	.00296
#2	-.00073	-.00079	-.00736	-.00012	-.00039	.01831	-.00113	.00300
#3	-.00067	-.00093	-.00775	.00040	.00035	.01870	-.00110	.00279

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	-.00047	.00017	.00363	.00173	.00194	.00204	-.00060	
Stddev	.00032	.00007	.00012	.00018	.00048	.00149	.00009	
%RSD	68.509	44.356	3.2774	10.457	24.605	73.127	14.456	

#1	-.00062	.00018	.00352	.00163	.00177	.00362	-.00060	
#2	-.00068	.00009	.00376	.00194	.00248	.00067	-.00068	
#3	-.00010	.00023	.00362	.00162	.00157	.00182	-.00051	

Sample Name: S0 Acquired: 12/28/2023 9:33:07 Type: Cal
Method: NON EPA-6010-200.7(v182) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	913.38	1076.1	42363.	6767.8	1303.9
Stddev	7.22	6.7	133.	43.4	4.8
%RSD	.79081	.62667	.31308	.64135	.37001
#1	905.07	1068.4	42249.	6811.2	1298.3
#2	918.19	1080.4	42508.	6767.8	1306.9
#3	916.87	1079.7	42332.	6724.4	1306.4

Sample Name: S1 Acquired: 12/28/2023 9:37:08 Type: Cal
Method: NON EPA-6010-200.7(v182) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 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	.00045	.00257	.00288	.00085	.00690	.01003	.49072	.01798
Stddev	.00035	.00015	.00007	.00037	.00023	.00018	.00391	.00038
%RSD	76.703	5.9952	2.6019	43.791	3.2823	1.8185	.79658	2.0930

#1	.00006	.00245	.00294	.00096	.00706	.01022	.48688	.01790
#2	.00073	.00274	.00279	.00117	.00664	.00986	.49059	.01838
#3	.00057	.00252	.00289	.00044	.00700	.01000	.49469	.01764

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01866	.11313	.00160	.02441	.00426	.00327	.00754	.02189
Stddev	.00035	.00039	.00003	.00013	.00012	.00015	.00017	.00065
%RSD	1.8491	.34189	2.1375	.55232	2.7264	4.5175	2.2380	2.9695

#1	.01890	.11274	.00157	.02426	.00429	.00344	.00738	.02143
#2	.01882	.11351	.00163	.02446	.00436	.00315	.00772	.02160
#3	.01826	.11312	.00161	.02452	.00414	.00323	.00751	.02263

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03567	.00136	.00859	.00498	.08107	.07312	-.00027	.03010
Stddev	.00087	.00005	.00185	.00021	.00089	.00116	.00013	.00020
%RSD	2.4335	3.6842	21.483	4.1143	1.1021	1.5911	49.663	.67727

#1	.03659	.00131	.01072	.00498	.08062	.07369	-.00020	.03016
#2	.03555	.00141	.00756	.00519	.08049	.07389	-.00018	.03026
#3	.03487	.00135	.00749	.00478	.08210	.07178	-.00043	.02987

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.14650	.00072	.09617	.00610	.01812	.02683	.20612	
Stddev	.00112	.00014	.00108	.00024	.00047	.00042	.00123	
%RSD	.76727	18.642	1.1263	3.8732	2.5877	1.5494	.59880	

#1	.14749	.00059	.09737	.00595	.01763	.02731	.20470	
#2	.14673	.00086	.09525	.00597	.01815	.02667	.20688	
#3	.14527	.00072	.09590	.00637	.01857	.02653	.20678	

Sample Name: S1 Acquired: 12/28/2023 9:37:08 Type: Cal
Method: NON EPA-6010-200.7(v182) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	916.93	1070.3	42211.	6771.0	1288.1
Stddev	1.67	5.1	106.	31.3	9.0
%RSD	.18187	.47429	.25215	.46202	.70066
#1	916.20	1065.7	42102.	6737.0	1281.0
#2	918.84	1069.4	42315.	6777.6	1285.1
#3	915.75	1075.7	42217.	6798.5	1298.3

Sample Name: S2 Acquired: 12/28/2023 9:41:12 Type: Cal
Method: NON EPA-6010-200.7(v182) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 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	.02684	.05592	.17461	.02947	.11809	.16975	7.9027	.12343
Stddev	.00055	.00016	.00109	.00030	.00054	.00184	.0305	.00051
%RSD	2.0318	.29071	.62694	1.0285	.45655	1.0861	.38582	.41417

#1	.02686	.05577	.17553	.02918	.11857	.16769	7.8689	.12285
#2	.02737	.05589	.17490	.02943	.11750	.17126	7.9281	.12365
#3	.02628	.05610	.17340	.02979	.11821	.17030	7.9112	.12380

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1336	.22060	.03599	.34051	.03993	.03226	.15014	.04122
Stddev	.0008	.00191	.00002	.00053	.00060	.00042	.00084	.00054
%RSD	.07053	.86476	.06544	.15441	1.5069	1.2960	.55799	1.3123

#1	1.1344	.21839	.03602	.34080	.03923	.03187	.14936	.04060
#2	1.1335	.22167	.03597	.33991	.04028	.03221	.15003	.04146
#3	1.1328	.22172	.03599	.34083	.04027	.03271	.15102	.04159

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.39653	.04232	.02274	.05103	.84268	.12773	.03682	.21792
Stddev	.00037	.00004	.00096	.00094	.00197	.00077	.00021	.00020
%RSD	.09453	.09345	4.2287	1.8347	.23345	.60236	.56496	.09067

#1	.39630	.04236	.02365	.05002	.84142	.12745	.03705	.21813
#2	.39696	.04228	.02283	.05121	.84495	.12713	.03674	.21773
#3	.39633	.04232	.02173	.05186	.84167	.12859	.03666	.21789

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.54710	.01948	.20310	.08950	.33057	.92858	7.6216	
Stddev	.00204	.00009	.00109	.00054	.00338	.00222	.0470	
%RSD	.37249	.45020	.53740	.60418	1.0226	.23865	.61615	

#1	.54945	.01939	.20201	.09003	.32668	.92660	7.5694	
#2	.54575	.01948	.20309	.08895	.33274	.93098	7.6603	
#3	.54611	.01957	.20419	.08952	.33230	.92818	7.6351	

Sample Name: S2 Acquired: 12/28/2023 9:41:12 Type: Cal
Method: NON EPA-6010-200.7(v182) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	908.37	1057.8	41835.	6693.2	1257.2
Stddev	4.53	.9	107.	6.6	2.6
%RSD	.49841	.08936	.25565	.09906	.21057
#1	907.87	1058.2	41732.	6685.6	1258.5
#2	904.12	1058.5	41828.	6696.1	1259.0
#3	913.13	1056.7	41946.	6697.9	1254.2

Sample Name: S3 Acquired: 12/28/2023 9:45:08 Type: Cal
Method: NON EPA-6010-200.7(v182) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 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	.08308	.17521	.53564	.08876	.35985	.51935	24.316	.37504
Stddev	.00059	.00063	.00255	.00017	.00157	.00466	.187	.00230
%RSD	.70701	.35974	.47691	.18872	.43686	.89767	.76984	.61296

#1	.08248	.17474	.53471	.08892	.36028	.51424	24.100	.37479
#2	.08310	.17497	.53368	.08859	.35810	.52338	24.411	.37745
#3	.08366	.17593	.53853	.08877	.36115	.52042	24.437	.37288

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.5025	.66294	.07834	1.0554	.11839	.07329	.44717	.12480
Stddev	.0067	.00775	.00016	.0028	.00025	.00078	.00427	.00157
%RSD	.19231	1.1692	.19926	.26882	.21369	1.0644	.95563	1.2567

#1	3.4991	.65408	.07831	1.0539	.11817	.07240	.44232	.12317
#2	3.4982	.66628	.07851	1.0537	.11867	.07385	.44879	.12493
#3	3.5103	.66847	.07820	1.0587	.11835	.07361	.45039	.12630

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1222	.13103	.08398	.15536	2.3849	.35091	.11929	.65902
Stddev	.0014	.00024	.00037	.00120	.0118	.00275	.00018	.00143
%RSD	.12794	.18296	.43852	.76984	.49560	.78480	.15218	.21718

#1	1.1227	.13076	.08438	.15444	2.3903	.34854	.11908	.65932
#2	1.1206	.13123	.08390	.15492	2.3930	.35027	.11940	.66028
#3	1.1233	.13110	.08366	.15671	2.3713	.35393	.11940	.65747

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.6421	.06137	.62859	.27358	1.0027	2.8303	23.204	
Stddev	.0005	.00035	.00242	.00064	.0104	.0210	.173	
%RSD	.02952	.57299	.38451	.23315	1.0367	.74024	.74507	

#1	1.6424	.06103	.62727	.27318	.99065	2.8061	23.004	
#2	1.6423	.06136	.63138	.27323	1.0085	2.8431	23.304	
#3	1.6415	.06173	.62713	.27431	1.0089	2.8416	23.304	

Sample Name: S3 Acquired: 12/28/2023 9:45:08 Type: Cal
Method: NON EPA-6010-200.7(v182) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	901.65	1057.9	41598.	6743.2	1222.0
Stddev	.50	3.1	115.	3.7	3.2
%RSD	.05595	.28843	.27648	.05505	.25788
#1	901.06	1054.4	41676.	6740.7	1219.0
#2	901.96	1060.2	41653.	6741.5	1225.3
#3	901.91	1059.0	41466.	6747.5	1221.8

Sample Name: S4 Acquired: 12/28/2023 9:48:58 Type: Cal
Method: NON EPA-6010-200.7(v182) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 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	.16966	.35170	1.0868	.17994	.73249	1.0530	49.336	.74933
Stddev	.00046	.00163	.0035	.00041	.00120	.0109	.568	.00701
%RSD	.27340	.46259	.31843	.22724	.16316	1.0301	1.1515	.93510

#1	.16979	.35162	1.0828	.18011	.73131	1.0412	48.734	.74352
#2	.17005	.35012	1.0886	.18025	.73370	1.0624	49.864	.75711
#3	.16915	.35337	1.0890	.17948	.73247	1.0555	49.409	.74735

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.1005	1.3375	.16607	2.1531	.23858	.15535	.90357	.25168
Stddev	.0107	.0213	.00034	.0027	.00048	.00291	.01518	.00440
%RSD	.15023	1.5894	.20573	.12612	.20122	1.8702	1.6798	1.7486

#1	7.0887	1.3135	.16579	2.1520	.23819	.15213	.88625	.24680
#2	7.1034	1.3539	.16598	2.1512	.23912	.15777	.91455	.25533
#3	7.1095	1.3451	.16645	2.1562	.23844	.15614	.90992	.25293

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.3101	.26325	.17612	.31515	4.7860	.69542	.24963	1.3216
Stddev	.0043	.00039	.00106	.00344	.0297	.00664	.00082	.0091
%RSD	.18377	.14891	.60094	1.0915	.62110	.95521	.32977	.68667

#1	2.3052	.26360	.17556	.31129	4.8181	.68864	.25032	1.3161
#2	2.3128	.26331	.17734	.31788	4.7805	.70191	.24985	1.3320
#3	2.3123	.26283	.17545	.31628	4.7594	.69570	.24872	1.3166

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.3146	.12802	1.3373	.55711	2.0199	5.7677	45.987	
Stddev	.0027	.00033	.0141	.00068	.0194	.0733	.883	
%RSD	.08279	.25456	1.0578	.12228	.95976	1.2703	1.9193	

#1	3.3119	.12765	1.3215	.55706	1.9985	5.6913	44.980	
#2	3.3144	.12813	1.3490	.55782	2.0363	5.8374	46.348	
#3	3.3174	.12827	1.3413	.55646	2.0248	5.7742	46.631	

Sample Name: S4 Acquired: 12/28/2023 9:48:58 Type: Cal
Method: NON EPA-6010-200.7(v182) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	882.18	1033.3	40962.	6700.2	1172.4
Stddev	4.50	.7	66.	59.3	.9
%RSD	.50957	.06749	.16075	.88511	.07972
#1	878.39	1033.5	40927.	6747.7	1173.4
#2	881.00	1033.8	40922.	6633.7	1172.3
#3	887.15	1032.5	41038.	6719.2	1171.5

Sample Name: S5 Acquired: 12/28/2023 9:52:55 Type: Cal
Method: NON EPA-6010-200.7(v182) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 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	.34220	.70506	2.2067	.36090	1.4748	2.1080	96.281	1.4656
Stddev	.00064	.00195	.0032	.00051	.0024	.0137	.788	.0074
%RSD	.18822	.27711	.14637	.14157	.16624	.64878	.81829	.50613

#1	.34148	.70312	2.2031	.36062	1.4730	2.0922	95.416	1.4739
#2	.34272	.70503	2.2095	.36060	1.4737	2.1159	96.469	1.4628
#3	.34240	.70702	2.2075	.36149	1.4776	2.1159	96.958	1.4599

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	14.355	2.6558	.30763	4.3771	.47164	.28998	1.7711	.50286
Stddev	.037	.0123	.00097	.0103	.00184	.00104	.0068	.00383
%RSD	.25887	.46172	.31426	.23449	.39072	.35810	.38504	.76066

#1	14.314	2.6416	.30653	4.3654	.47019	.28891	1.7637	.49873
#2	14.364	2.6631	.30835	4.3812	.47371	.29099	1.7771	.50628
#3	14.386	2.6626	.30801	4.3846	.47102	.29004	1.7726	.50357

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.6097	.52611	.36040	.62361	9.5038	1.3740	.52220	2.5952
Stddev	.0098	.00112	.00107	.00375	.0694	.0014	.00316	.0192
%RSD	.21192	.21338	.29565	.60119	.73032	.10453	.60559	.73820

#1	4.5987	.52738	.35933	.61960	9.4464	1.3724	.51898	2.6166
#2	4.6132	.52525	.36146	.62703	9.4841	1.3751	.52231	2.5896
#3	4.6172	.52570	.36039	.62420	9.5810	1.3744	.52530	2.5795

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	6.5387	.26781	2.8743	1.1321	3.9972	11.694	90.407	
Stddev	.0151	.00057	.0066	.0028	.0221	.048	.396	
%RSD	.23115	.21415	.23023	.24617	.55200	.40625	.43793	

#1	6.5238	.26715	2.8804	1.1289	3.9718	11.639	89.958	
#2	6.5384	.26807	2.8672	1.1332	4.0106	11.721	90.705	
#3	6.5540	.26821	2.8753	1.1342	4.0094	11.721	90.559	

Sample Name: S5 Acquired: 12/28/2023 9:52:55 Type: Cal
Method: NON EPA-6010-200.7(v182) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	854.88	998.82	39909.	6649.5	1096.5
Stddev	4.04	2.05	21.	37.7	2.3
%RSD	.47284	.20536	.05317	.56686	.20999
#1	858.78	1000.9	39918.	6609.5	1099.0
#2	855.16	998.68	39885.	6654.5	1096.2
#3	850.70	996.84	39924.	6684.4	1094.4

Sample Name: ICV01 Acquired: 12/28/2023 10:22:31 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.054942	1.038288	.9999654	1.046935	.9825478	2.552369	.5397329
Stddev	.016570	.003453	.0023173	.017448	.0028231	.031374	.0054613
%RSD	1.570720	.3325205	.2317392	1.666607	.2873289	1.229196	1.011852

#1	1.055274	1.039117	1.001520	1.046706	.9855681	2.516185	.5337829
#2	1.071344	1.034497	.997302	1.064496	.9799754	2.571997	.5445173
#3	1.038209	1.041251	1.001074	1.029602	.9820998	2.568924	.5408986

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5153352	.5019357	10.23936	.4914215	.5021136	.5247666	10.15527
Stddev	.0030990	.0004194	.12242	.0007380	.0002735	.0026148	.11135
%RSD	.6013530	.0835590	1.195566	.1501806	.0544619	.4982751	1.096507

#1	.5152771	.5015724	10.10262	.4919297	.5018261	.5220739	10.03738
#2	.5184629	.5023947	10.33875	.4905749	.5023705	.5249301	10.25867
#3	.5122657	.5018402	10.27671	.4917598	.5021441	.5272958	10.16974

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5341456	5.956732	.5021130	.2591370	9.978449	.4844598	.9997303
Stddev	.0062138	.058858	.0015309	.0006156	.123266	.0025323	.0040670
%RSD	1.163323	.9880947	.3048906	.2375552	1.235318	.5227011	.4068053

#1	.5270518	5.888776	.5004847	.2592934	9.837123	.4830220	1.003593
#2	.5386253	5.989810	.5023313	.2584583	10.03447	.4873837	.995486
#3	.5367598	5.991609	.5035231	.2596593	10.06376	.4829737	1.000112

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.818780	2.380858	2.530190	2.440696	2.390594	2.413112	2.326200
Stddev	.057624	.005714	.019596	.003666	.022314	.019928	.007741
%RSD	.5868770	.2400070	.7744971	.1502144	.9333888	.8258388	.3327610

#1	9.755814	2.383612	2.522343	2.442670	2.416351	2.402807	2.335138
#2	9.868891	2.374289	2.552494	2.436466	2.378258	2.436083	2.321702
#3	9.831635	2.384674	2.515733	2.442952	2.377171	2.400446	2.321760

Sample Name: ICV01 Acquired: 12/28/2023 10:22:31 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.477650	2.647921	2.645893
Stddev	.014298	.025678	.013815
%RSD	.5770777	.9697366	.5221188

#1	2.461375	2.621943	2.630371
#2	2.488190	2.673287	2.656839
#3	2.483385	2.648534	2.650468

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	872.1201	1022.134	40769.09	6559.133	1209.555
Stddev	6.3216	2.427	102.16	40.672	1.772
%RSD	.7248511	.2374454	.2505743	.6200855	.1465144

#1	865.7454	1019.551	40652.39	6561.294	1207.582
#2	878.3871	1024.367	40842.32	6517.423	1211.012
#3	872.2278	1022.484	40812.56	6598.681	1210.072

Sample Name: ICB01 Acquired: 12/28/2023 10:30:24 Type: Unk
Method: NON EPA-6010-200.7(v182) 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	.0020602	-.002597	-.001260	.0024057	.0002746	.0029550	-.000459
Stddev	.0051142	.002968	.002245	.0111432	.0021514	.0027708	.000030
%RSD	248.2389	114.3060	178.1671	463.1923	783.4855	93.76678	6.631006

#1	.0065515	-.001961	-.002800	-.005890	-.001565	.0061207	-.000429
#2	.0031352	-.005832	-.002297	.015072	-.000252	.0017731	-.000490
#3	-.003506	.000002	.001316	-.001964	.002640	.0009711	-.000456

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000474	-.000107	-.000424	-.000220	.0002408	.0014830	.0064532
Stddev	.0000550	.000118	.007720	.000168	.0000985	.0013335	.0030638
%RSD	116.1046	110.9010	1820.935	76.12313	40.89878	89.92041	47.47638

#1	-.000016	-.000199	-.006091	-.000055	.0003527	.0025895	.0061026
#2	.000073	.000027	.008368	-.000390	.0002025	.0018571	.0035799
#3	.000085	-.000147	-.003549	-.000215	.0001672	.0000024	.0096772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000120	.0093417	-.000111	.0003061	.0693495	-.000137	.0000847
Stddev	.000519	.0303428	.000254	.0002452	.2209570	.001623	.0004649
%RSD	432.2546	324.8107	229.3183	80.08363	318.6136	1181.380	549.1078

#1	.000382	-.016627	.000050	.0001601	.1440651	.000799	-.000328
#2	-.000655	.001957	-.000404	.0005891	-.179279	.000799	.000588
#3	-.000087	.042695	.000022	.0001691	.243262	-.002011	-.000006

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.096094	-.004527	-.000638	.0007618	-.005515	.0024987	.0000974
Stddev	.042398	.003965	.000885	.0004677	.006511	.0012337	.0015534
%RSD	44.12145	87.59045	138.7288	61.39386	118.0600	49.37415	1594.081

#1	-.069599	-.009012	-.000989	.0009374	-.007423	.0023402	.0008927
#2	-.144994	-.001485	.000369	.0011163	.001737	.0038040	-.001693
#3	-.073689	-.003085	-.001293	.0002317	-.010858	.0013519	.001092

Sample Name: ICB01 Acquired: 12/28/2023 10:30:24 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003039	.0006856	-.000027
Stddev	.0001681	.0020090	.000082
%RSD	55.33168	293.0499	306.6590

#1	.0001129	.0028486	.000067
#2	.0004296	-.001122	-.000089
#3	.0003691	.000330	-.000058

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	881.6954	1034.526	41444.15	6494.033	1271.411
Stddev	2.2526	1.490	216.92	169.237	3.045
%RSD	.2554829	.1440716	.5234110	2.606045	.2395223

#1	882.0373	1036.222	41694.45	6651.400	1270.111
#2	883.7575	1033.422	41310.75	6315.010	1274.890
#3	879.2914	1033.936	41327.25	6515.690	1269.231

Sample Name: CRI01 Acquired: 12/28/2023 10:34:29 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237890	.0410521	.0111975	.0179037	.0533709	.1065036	.1087814
Stddev	.0034560	.0032942	.0035171	.0092646	.0009077	.0031179	.0004919
%RSD	14.52762	8.024362	31.41003	51.74676	1.700738	2.927494	.4522081

#1	.0228983	.0374150	.0152327	.0187269	.0544147	.1090338	.1083579
#2	.0208655	.0419060	.0087822	.0267292	.0529321	.1074566	.1086652
#3	.0276031	.0438352	.0095776	.0082550	.0527661	.1030204	.1093210

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064278	.0061488	2.154116	.0098336	.0288206	.0258532	.1086564
Stddev	.0001597	.0001844	.012466	.0004797	.0003862	.0030303	.0026991
%RSD	2.485143	2.998367	.5786977	4.878536	1.339971	11.72112	2.484085

#1	.0065136	.0063442	2.141767	.0099664	.0292621	.0291794	.1111624
#2	.0062435	.0061242	2.153885	.0093015	.0286540	.0232496	.1090080
#3	.0065263	.0059779	2.166695	.0102330	.0285457	.0251305	.1057987

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219933	2.203891	.0387683	.0109476	2.153224	.0383933	.0412051
Stddev	.0009684	.047191	.0004416	.0004762	.037829	.0016860	.0007091
%RSD	4.403269	2.141265	1.139198	4.350123	1.756862	4.391345	1.720844

#1	.0221722	2.196466	.0385317	.0108712	2.132485	.0384554	.0413852
#2	.0209479	2.254355	.0384954	.0114575	2.130300	.0366772	.0404233
#3	.0228597	2.160853	.0392779	.0105143	2.196887	.0400474	.0418068

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.010518	.0153171	.1060269	.2184074	.0198550	.3437638	.0384427
Stddev	.044758	.0065642	.0008106	.0009006	.0061497	.0026298	.0016752
%RSD	2.226193	42.85562	.7645048	.4123360	30.97337	.7650066	4.357609

#1	2.058392	.0150908	.1061648	.2186038	.0154041	.3456790	.0402784
#2	1.969718	.0088689	.1051562	.2191936	.0268723	.3448470	.0380529
#3	2.003442	.0219916	.1067597	.2174249	.0172885	.3407654	.0369968

Sample Name: CRI01 Acquired: 12/28/2023 10:34:29 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0402902	.0227082	.0224769
Stddev	.0011621	.0009989	.0000759
%RSD	2.884217	4.398894	.3376317

#1	.0397752	.0235438	.0223894
#2	.0416207	.0216018	.0225238
#3	.0394746	.0229790	.0225176

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	900.5841	1046.426	41811.29	6633.680	1279.514
Stddev	4.4564	.997	248.74	19.296	3.999
%RSD	.4948323	.0953095	.5949033	.2908788	.3125029

#1	896.0122	1047.380	41524.90	6612.610	1275.623
#2	900.8250	1045.391	41935.63	6650.490	1283.612
#3	904.9152	1046.507	41973.35	6637.940	1279.306

Sample Name: ICSA01 Acquired: 12/28/2023 10:38:32 Type: Unk
Method: NON EPA-6010-200.7(v182) 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	-.003958	-.009467	.0070512	-.018022	-.000790	270.8482	.0065070
Stddev	.006787	.005163	.0025757	.006223	.006468	1.8036	.0000752
%RSD	171.4573	54.53553	36.52830	34.53146	818.4307	.6659155	1.155701

#1	-.011790	-.005575	.0075951	-.013760	-.008160	269.2249	.0064654
#2	-.000261	-.007502	.0093114	-.015143	.001846	270.5299	.0064618
#3	.000178	-.015324	.0042470	-.025164	.003944	272.7897	.0065938

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010714	.0001466	261.0656	.0448792	-.001987	.0072477	100.8270
Stddev	.0000594	.0002477	1.5071	.0004789	.000535	.0007336	.7460
%RSD	5.542156	168.9260	.5772803	1.067124	26.91691	10.12198	.7398502

#1	.0011132	.0002181	259.7447	.0454321	-.002243	.0076464	100.0471
#2	.0010034	-.000129	260.7449	.0445977	-.002344	.0076955	100.9003
#3	.0010975	.000351	262.7072	.0446076	-.001372	.0064011	101.5336

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122034	275.8958	.0028036	-.003973	-.048257	-.002691	.0011353
Stddev	.0002845	2.9314	.0005119	.000509	.250166	.001643	.0005397
%RSD	2.331679	1.062513	18.25955	12.81497	518.4073	61.06422	47.53944

#1	.0125101	273.0872	.0027581	-.004533	.202264	-.003376	.0017400
#2	.0121520	275.6640	.0023160	-.003851	-.298067	-.000816	.0009634
#3	.0119481	278.9363	.0033368	-.003537	-.048967	-.003881	.0007025

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.147793	-.012789	.0837396	-.001119	-.015323	-.002992	-.006859
Stddev	.030590	.000562	.0022051	.001195	.011652	.000377	.001985
%RSD	20.69821	4.397350	2.633253	106.7934	76.04359	12.60945	28.93527

#1	-.182697	-.012459	.0812311	-.000558	-.001982	-.003254	-.004817
#2	-.135033	-.013439	.0846158	-.002491	-.023504	-.003162	-.008781
#3	-.125648	-.012470	.0853719	-.000308	-.020484	-.002560	-.006979

Sample Name: ICSA01 Acquired: 12/28/2023 10:38:32 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001848	-.017906	.0099656
Stddev	.000515	.000137	.0000977
%RSD	27.84811	.7651673	.9798780

#1	-.002214	-.017776	.0099618
#2	-.002071	-.018049	.0098699
#3	-.001260	-.017894	.0100651

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	804.5477	937.2495	37148.96	6294.255	1020.033
Stddev	5.0486	1.6775	68.53	16.266	3.382
%RSD	.6275094	.1789827	.1844630	.2584318	.3315532

#1	801.1579	935.7819	37189.78	6276.185	1016.161
#2	802.1353	936.8884	37069.85	6298.853	1021.527
#3	810.3500	939.0781	37187.25	6307.728	1022.410

Sample Name: ICSAB01 Acquired: 12/28/2023 10:42:34 Type: Unk
Method: NON EPA-6010-200.7(v182) 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	.1176424	.1134522	.0591799	.0475520	.6256749	269.7858
Stddev	.0025726	.0059216	.0023951	.0127982	.0057428	1.7930
%RSD	2.186773	5.219512	4.047223	26.91409	.9178611	.6645961

#1	.1205228	.1068511	.0600078	.0510663	.6206904	267.8746
#2	.1155732	.1152083	.0564807	.0582258	.6243796	270.0521
#3	.1168312	.1182971	.0610513	.0333638	.6319548	271.4308

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5614143	.5272935	1.040455	259.1974	.5279174	.5082620
Stddev	.0036000	.0009327	.007317	1.3547	.0037424	.0046149
%RSD	.6412443	.1768803	.7032063	.5226433	.7089006	.9079763

#1	.5585672	.5281872	1.037606	257.8146	.5243223	.5062157
#2	.5602146	.5263262	1.034991	259.2557	.5276383	.5050241
#3	.5654610	.5273671	1.048768	260.5221	.5317915	.5135462

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5333068	99.99352	.5428129	274.4014	1.003214	.2134949
Stddev	.0035420	.43857	.0045150	2.0513	.005692	.0009157
%RSD	.6641539	.4385981	.8317705	.7475469	.5673365	.4289299

#1	.5306551	99.53458	.5397936	272.0777	1.001952	.2141008
#2	.5319361	100.0376	.5406420	275.1661	.998258	.2124415
#3	.5373293	100.4084	.5480033	275.9605	1.009430	.2139426

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.041974	.5164485	1.033694	-.242655	1.081904	1.099656
Stddev	.082926	.0060844	.003041	.008521	.006755	.006300
%RSD	197.5660	1.178115	.2942159	3.511733	.6244077	.5729029

#1	-.137492	.5109328	1.035849	-.247468	1.088491	1.106010
#2	-.000039	.5154379	1.030215	-.232816	1.082229	1.093411
#3	.011610	.5229749	1.035017	-.247681	1.074992	1.099548

Sample Name: ICSAB01 Acquired: 12/28/2023 10:42:34 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9888800	1.114317	F .7805025	1.000668	1.024885	F 1.156238
Stddev	.0041662	.006494	.0035325	.004627	.006788	.006099
%RSD	.4213036	.5827610	.4525876	.4623484	.6623092	.5274821

#1	.9897569	1.121560	.7834404	.997500	1.018007	1.150115
#2	.9843451	1.112378	.7765830	1.005977	1.025069	1.156288
#3	.9925379	1.109015	.7814840	.998526	1.031579	1.162312

Elem	Sr4077
Units	ppm
Avg	1.109296
Stddev	.005849
%RSD	.5272653

#1	1.102723
#2	1.111241
#3	1.113925

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	798.1591	934.3041	37228.85	6302.598	1012.797
Stddev	2.0321	1.7784	45.36	9.985	6.361
%RSD	.2545963	.1903430	.1218415	.1584280	.6280459

#1	799.0706	935.4440	37271.99	6295.456	1014.273
#2	795.8308	935.2134	37181.55	6298.330	1018.289
#3	799.5758	932.2550	37233.01	6314.008	1005.827

Sample Name: CCV01 Acquired: 12/28/2023 10:54:34 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.160460	5.181320	4.990515	5.128740	5.169040	10.29268	10.96396
Stddev	.012032	.006723	.011586	.020807	.006662	.05599	.05846
%RSD	.2331504	.1297591	.2321699	.4056958	.1288851	.5439804	.5332068

#1	5.173886	5.183248	4.980906	5.119218	5.161436	10.22880	10.93917
#2	5.150653	5.173843	4.987257	5.114399	5.171829	10.31597	10.92197
#3	5.156842	5.186868	5.003382	5.152605	5.173854	10.33327	11.03073

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2563482	2.475620	26.17018	1.028642	2.508258	1.301432	5.338640
Stddev	.0024512	.006962	.16033	.003308	.007335	.007091	.030494
%RSD	.9561972	.2812201	.6126609	.3215556	.2924213	.5448579	.5711905

#1	.2584218	2.474392	26.07999	1.024837	2.507247	1.295251	5.308908
#2	.2536430	2.469353	26.07526	1.030836	2.501482	1.299872	5.337171
#3	.2569797	2.483114	26.35530	1.030251	2.516046	1.309173	5.369843

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.652986	25.75061	2.529563	1.309044	25.69733	2.591688	2.534744
Stddev	.019756	.15186	.009358	.003815	.30117	.016055	.006266
%RSD	.7446861	.5897435	.3699572	.2913962	1.171976	.6194646	.2471937

#1	2.640654	25.58210	2.525085	1.304875	25.48438	2.573974	2.532927
#2	2.642531	25.79283	2.523285	1.309899	25.56572	2.595811	2.529588
#3	2.675773	25.87690	2.540319	1.312359	26.04191	2.605278	2.541718

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.78614	5.115009	5.199568	5.083423	4.994710	4.840960	4.929629
Stddev	.14741	.018878	.051316	.005377	.021336	.057846	.020905
%RSD	.5716727	.3690744	.9869186	.1057728	.4271694	1.194933	.4240617

#1	25.66397	5.097549	5.246645	5.078422	5.018993	4.861614	4.925840
#2	25.74459	5.112435	5.144867	5.082736	4.978967	4.775622	4.910878
#3	25.94987	5.135042	5.207190	5.089110	4.986170	4.885645	4.952169

Sample Name: CCV01 Acquired: 12/28/2023 10:54:34 Type: Unk
 Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.139772	5.435765	5.159551
Stddev	.040420	.030496	.038381
%RSD	.7864130	.5610325	.7438882

#1	5.106751	5.434135	5.166610
#2	5.127717	5.406116	5.118130
#3	5.184847	5.467044	5.193913

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	846.5141	990.9925	39653.76	6481.019	1134.691
Stddev	1.1454	.3251	96.86	57.295	2.387
%RSD	.1353091	.0328062	.2442563	.8840451	.2103753

#1	845.8117	990.6402	39761.97	6435.717	1133.515
#2	847.8359	991.2809	39575.17	6545.425	1137.438
#3	845.8949	991.0566	39624.15	6461.914	1133.119

Sample Name: LLCCV01 Acquired: 12/28/2023 10:58:31 Type: Unk
Method: NON EPA-6010-200.7(v182) 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	.0233086	.0358296	.0120606	.0187515	.0513531	.0982384
Stddev	.0050401	.0047150	.0027271	.0053565	.0040935	.0052623
%RSD	21.62314	13.15951	22.61128	28.56546	7.971369	5.356677

#1	.0290000	.0354750	.0112727	.0241474	.0560474	.1042185
#2	.0215158	.0407118	.0098142	.0186719	.0485265	.0961814
#3	.0194101	.0313019	.0150949	.0134354	.0494854	.0943153

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1016287	.0058564	.0054620	2.006923	.0092054	.0262216
Stddev	.0012506	.0000732	.0000375	.037881	.0006165	.0003145
%RSD	1.230524	1.249315	.6870067	1.887534	6.697020	1.199464

#1	.1001926	.0057815	.0054865	1.964328	.0086859	.0261332
#2	.1022155	.0058600	.0054188	2.019602	.0090437	.0265709
#3	.1024780	.0059277	.0054808	2.036839	.0098867	.0259608

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219337	.1005242	.0209300	2.028446	.0357907	.0104903
Stddev	.0014608	.0139709	.0005955	.018243	.0003417	.0011421
%RSD	6.660035	13.89808	2.845199	.8993595	.9546007	10.88697

#1	.0235961	.0932485	.0202619	2.010098	.0353991	.0105000
#2	.0213497	.1166314	.0214049	2.028656	.0360279	.0093433
#3	.0208552	.0916927	.0211231	2.046583	.0359451	.0116274

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.874012	.0365844	.0400819	1.813073	F .0127824	.1097746
Stddev	.119429	.0011459	.0026672	.028671	.0031906	.0009655
%RSD	6.372920	3.132087	6.654470	1.581355	24.96098	.8795306

#1	1.995319	.0352651	.0397694	1.780057	.0162587	.1097244
#2	1.756553	.0371565	.0375847	1.827457	.0099876	.1088352
#3	1.870165	.0373315	.0428917	1.831704	.0121009	.1107643

Sample Name: LLCCV01 Acquired: 12/28/2023 10:58:31 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2002566	F .0117357	.3250667	.0345482	.0390018	.0198234
Stddev	.0008687	.0048315	.0034104	.0008111	.0018293	.0011470
%RSD	.4338195	41.16881	1.049152	2.347730	4.690238	5.785887

#1	.2009598	.0084748	.3217330	.0339665	.0372904	.0187076
#2	.2005246	.0094460	.3249181	.0342035	.0409297	.0209991
#3	.1992854	.0172863	.3285490	.0354748	.0387852	.0197633

Elem	Sr4077
Units	ppm
Avg	.0209693
Stddev	.0000913
%RSD	.4354041

#1	.0208837
#2	.0209590
#3	.0210654

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	847.1990	1040.279	39630.88	6553.533	1276.321
Stddev	50.2225	4.550	2360.74	3.150	.622
%RSD	5.928066	.4373521	5.956831	.0480696	.0486971

#1	873.7298	1035.355	40954.37	6552.460	1277.020
#2	878.5921	1041.154	41032.95	6557.080	1275.830
#3	789.2750	1044.327	36905.30	6551.060	1276.113

Sample Name: CCB01 Acquired: 12/28/2023 11:02:37 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030631	.0006999	.0000537	-.004648	.0011689	.0011023	-.000488
Stddev	.0059852	.0029447	.0003389	.005242	.0036729	.0084915	.000188
%RSD	195.3988	420.7069	631.1199	112.7875	314.2226	770.3621	38.61244

#1	.0075185	.0024444	.0003321	.000252	.0032863	.0083495	-.000299
#2	.0054108	-.002700	.0001526	-.004020	.0032926	-.008241	-.000489
#3	-.003740	.002355	-.000324	-.010176	-.003072	.003198	-.000676

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000241	-.000035	.0040380	.0001836	.0000288	.0027061	.0009441
Stddev	.0000461	.000120	.0022068	.0004533	.0003110	.0011835	.0060458
%RSD	191.2657	340.4783	54.65033	246.9192	1079.530	43.73377	640.3925

#1	.0000638	.000037	.0026323	.0004107	.0000783	.0038199	-.005360
#2	-.000026	.000031	.0029002	-.000338	.0003121	.0014635	.001500
#3	.000035	-.000174	.0065816	.000478	-.000304	.0028350	.006693

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003263	-.015987	-.000076	.0000502	-.090854	-.001893	-.000552
Stddev	.0005167	.010315	.000464	.0001902	.175283	.002514	.001001
%RSD	158.3634	64.52177	607.7721	379.2516	192.9272	132.7626	181.2536

#1	.0009036	-.024085	-.000346	.0002541	-.091686	-.004765	-.000224
#2	.0001679	-.019503	.000459	-.000122	.084843	-.000091	.000243
#3	-.000093	-.004374	-.000342	.000019	-.265720	-.000824	-.001676

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.105411	-.006280	.0031063	.0004680	.0018918	.0032321	-.001465
Stddev	.021706	.001130	.0008632	.0005376	.0096231	.0008456	.000548
%RSD	20.59160	17.98877	27.78903	114.8960	508.6687	26.16203	37.38011

#1	-.085867	-.007472	.0038030	.0010792	-.008081	.0038590	-.002037
#2	-.128772	-.006143	.0021406	.0002563	.011122	.0022704	-.001413
#3	-.101593	-.005225	.0033754	.0000684	.002635	.0035669	-.000945

Sample Name: CCB01 Acquired: 12/28/2023 11:02:37 Type: Unk
 Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CB01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013176	-.000323	-.000027
Stddev	.0005708	.000307	.000078
%RSD	43.31911	95.14975	292.8024

#1	.0008549	-.000336	.000063
#2	.0019554	-.000623	-.000067
#3	.0011424	-.000009	-.000076

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	880.7718	1026.477	41322.04	6509.303	1266.940
Stddev	.4000	3.369	104.33	33.381	3.857
%RSD	.0454193	.3281646	.2524762	.5128241	.3044244

#1	881.1639	1022.720	41441.58	6491.080	1263.228
#2	880.7873	1027.480	41249.33	6489.000	1266.664
#3	880.3643	1029.229	41275.22	6547.830	1270.927

Sample Name: PB156492BL Acquired: 12/28/2023 11:22:25 Type: Unk
Method: NON EPA-6010-200.7(v182) 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	.0091195	.0008307	.0014341	-.003792	.0020442	.0033932	-.000336
Stddev	.0095850	.0035807	.0018380	.007290	.0015363	.0076876	.000269
%RSD	105.1046	431.0296	128.1641	192.2114	75.15519	226.5593	79.98216

#1	-.001948	.0038880	.0029119	.004074	.0019885	.0080145	-.000591
#2	.014672	.0017128	-.000624	-.010319	.0005365	-.005481	-.000055
#3	.014634	-.003109	.002014	-.005133	.0036077	.007646	-.000362

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000229	-.000119	-.005579	-.000182	-.000080	.0035556	.0035231
Stddev	.0001092	.000128	.004272	.000080	.000293	.0005337	.0042389
%RSD	477.3003	107.5500	76.57048	43.96981	366.8126	15.01118	120.3146

#1	.0001476	.000007	-.005525	-.000189	.000140	.0041670	.0081191
#2	-.000055	-.000114	-.009878	-.000257	.000032	.0031828	.0026833
#3	-.000023	-.000249	-.001334	-.000098	-.000413	.0033169	-.000233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001346	-.019960	-.000202	-.000010	-.054604	-.002348	-.000385
Stddev	.0003920	.026838	.000213	.000146	.191211	.000384	.000701
%RSD	291.2381	134.4567	105.1103	1475.687	350.1754	16.36062	182.1385

#1	.0005142	-.006507	-.000447	.000151	.166162	-.002152	-.000585
#2	-.000269	-.050864	-.000100	-.000045	-.167897	-.002102	-.000965
#3	.000158	-.002510	-.000060	-.000136	-.162078	-.002791	.000395

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.125568	-.003730	-.003647	-.000136	.0007406	.0012115	.0003567
Stddev	.030291	.002068	.000433	.000459	.0026558	.0009970	.0007232
%RSD	24.12350	55.43239	11.88262	336.3903	358.6222	82.29716	202.7562

#1	-.115065	-.002054	-.003723	-.000383	.0032834	.0013490	-.000245
#2	-.101926	-.003095	-.003181	.000393	-.002015	.0001528	.001159
#3	-.159713	-.006041	-.004038	-.000419	.000954	.0021325	.000156

Sample Name: PB156492BL Acquired: 12/28/2023 11:22:25 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009765	-.000577	-.000014
Stddev	.0005549	.000842	.000007
%RSD	56.83110	145.8591	50.84908

#1	.0011404	-.001190	-.000008
#2	.0014310	.000383	-.000022
#3	.0003580	-.000925	-.000012

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	868.9082	1017.138	40913.15	6469.760	1256.659
Stddev	8.4429	3.231	330.59	17.655	2.750
%RSD	.9716723	.3176439	.8080359	.2728833	.2188311

#1	859.9521	1014.655	40550.98	6469.280	1253.569
#2	870.0510	1015.968	40989.73	6487.650	1258.839
#3	876.7216	1020.791	41198.73	6452.350	1257.569

Sample Name: PB156492BS Acquired: 12/28/2023 11:26:31 Type: Unk
Method: NON EPA-6010-200.7(v182) 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	.8355318	2.038634	.9740160	2.009775	.7919895	2.033193	.2161176
Stddev	.0108458	.006650	.0040849	.020919	.0010771	.011441	.0018346
%RSD	1.298075	.3261871	.4193834	1.040879	.1359960	.5627143	.8488774

#1	.8480110	2.046143	.9768065	2.033241	.7908641	2.020077	.2145253
#2	.8302044	2.036268	.9759141	2.003004	.7920939	2.038385	.2181238
#3	.8283798	2.033491	.9693274	1.993079	.7930106	2.041118	.2157037

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2054639	.1915763	1.066529	.3794483	.1898924	.3178211	3.115387
Stddev	.0013415	.0000551	.007904	.0012446	.0007468	.0010304	.040247
%RSD	.6529276	.0287656	.7410935	.3279935	.3932477	.3242081	1.291870

#1	.2061272	.1916385	1.075623	.3790041	.1890310	.3174725	3.068932
#2	.2063446	.1915571	1.062648	.3784869	.1902905	.3189806	3.139727
#3	.2039199	.1915335	1.061316	.3808541	.1903557	.3170103	3.137502

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2140176	2.026126	.4751573	.0773277	3.150837	.3111362	.2075591
Stddev	.0012504	.043483	.0016054	.0001881	.233248	.0049188	.0011152
%RSD	.5842442	2.146106	.3378643	.2432193	7.402740	1.580900	.5372951

#1	.2125839	1.984418	.4760696	.0775242	3.114486	.3061385	.2087857
#2	.2148824	2.071189	.4733037	.0771493	2.937899	.3112979	.2072852
#3	.2145866	2.022770	.4760987	.0773097	3.400127	.3159720	.2066063

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.11197	5.796501	.3159107	.3979476	9.471205	.7801231	.6641194
Stddev	.02728	.020038	.0037910	.0007240	.043291	.0055268	.0019812
%RSD	.2697799	.3456872	1.200020	.1819217	.4570830	.7084462	.2983127

#1	10.08048	5.817701	.3165743	.3973131	9.511321	.7813747	.6643106
#2	10.12689	5.777874	.3193260	.3987362	9.425318	.7849168	.6620496
#3	10.12854	5.793927	.3118317	.3977935	9.476977	.7740779	.6659980

Sample Name: PB156492BS Acquired: 12/28/2023 11:26:31 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2116831	.2287783	.2202959
Stddev	.0023980	.0020997	.0014158
%RSD	1.132815	.9177939	.6426830

#1	.2089319	.2270365	.2186662
#2	.2127875	.2311098	.2212231
#3	.2133299	.2281885	.2209983

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	876.3850	1020.826	40987.28	6467.605	1239.137
Stddev	4.4427	4.775	64.58	54.158	3.904
%RSD	.5069335	.4677959	.1575574	.8373706	.3150560

#1	873.0313	1016.948	40912.85	6447.431	1234.632
#2	874.7001	1019.371	41028.47	6426.429	1241.531
#3	881.4237	1026.160	41020.52	6528.954	1241.248

Sample Name: PB156491BL Acquired: 12/28/2023 11:30:28 Type: Unk
Method: NON EPA-6010-200.7(v182) 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	.0079553	.0007905	-.000103	.0005722	-.000125	.0016128	-.000593
Stddev	.0078371	.0023281	.002361	.0070262	.001859	.0061951	.000314
%RSD	98.51415	294.5001	2287.210	1228.038	1485.803	384.1234	52.89714

#1	.0159184	-.000207	-.002204	.0075923	.001818	-.001124	-.000494
#2	.0076968	-.000873	-.000558	.0005841	-.000306	-.002743	-.000944
#3	.0002506	.003451	.002452	-.006460	-.001888	.008705	-.000340

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000233	-.000142	.0073750	-.000329	.0002333	.0030513	.0101460
Stddev	.0000066	.000073	.0080698	.000586	.0001561	.0011113	.0052244
%RSD	28.53281	51.43130	109.4203	178.1189	66.91997	36.42222	51.49172

#1	.0000289	-.000203	.0089251	-.001000	.0002989	.0032949	.0089099
#2	.0000160	-.000162	-.001357	-.000064	.0003459	.0018383	.0158776
#3	.0000250	-.000061	.014557	.000078	.0000551	.0040206	.0056505

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001601	.0016202	.0001726	.0000445	-.152193	.0000178	-.000700
Stddev	.0004109	.0413625	.0001625	.0000708	.169029	.0016793	.000180
%RSD	256.7274	2552.842	94.19076	159.0120	111.0620	9422.181	25.76413

#1	-.000312	-.023567	.0000757	.0000260	-.245905	.0001506	-.000695
#2	.000357	-.020930	.0003602	-.000015	-.253609	.0016268	-.000523
#3	.000435	.049357	.0000818	.000123	.042934	-.001724	-.000883

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.117548	-.003266	-.003189	-.000050	.0007853	.0017085	.0006707
Stddev	.039358	.001449	.000709	.000372	.0081553	.0008914	.0004816
%RSD	33.48204	44.38315	22.23896	736.4013	1038.513	52.17498	71.80272

#1	-.162250	-.001730	-.003737	.000096	.0029493	.0011106	.0005136
#2	-.102294	-.003456	-.002388	.000225	.0076404	.0027330	.0012113
#3	-.088101	-.004610	-.003441	-.000473	-.008234	.0012818	.0002873

Sample Name: PB156491BL Acquired: 12/28/2023 11:30:28 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005291	-.001582	-.000004
Stddev	.0011092	.000940	.000031
%RSD	209.6338	59.39333	725.7351

#1	.0010503	-.001358	-.000038
#2	-.000745	-.000774	.000024
#3	.001282	-.002613	.000000

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	884.7724	1027.603	41417.32	6533.890	1266.670
Stddev	4.0912	1.305	390.04	21.974	2.117
%RSD	.4624020	.1270094	.9417381	.3363127	.1671541

#1	881.8241	1026.886	41073.70	6512.600	1264.905
#2	883.0500	1029.110	41337.00	6532.580	1269.018
#3	889.4432	1026.813	41841.27	6556.490	1266.088

Sample Name: PB156491BS Acquired: 12/28/2023 11:34:31 Type: Unk
Method: NON EPA-6010-200.7(v182) 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	.8244156	2.024469	.9711411	2.023195	.7990171	2.026233	.2137300
Stddev	.0031672	.003552	.0021058	.019804	.0065887	.006979	.0010122
%RSD	.3841686	.1754635	.2168413	.9788509	.8245998	.3444447	.4735961

#1	.8207740	2.028277	.9724794	2.000713	.8058393	2.020560	.2133843
#2	.8259446	2.021245	.9722302	2.038055	.7985223	2.034027	.2129359
#3	.8265281	2.023886	.9687138	2.030819	.7926898	2.024112	.2148698

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2036553	.1912315	1.075844	.3789368	.1888281	.3182344	3.099892
Stddev	.0011790	.0002947	.016251	.0006396	.0003468	.0045150	.055525
%RSD	.5789231	.1540931	1.510522	.1687999	.1836629	1.418765	1.791201

#1	.2040515	.1909958	1.062235	.3796485	.1885924	.3137280	3.051666
#2	.2023292	.1915619	1.071460	.3787522	.1892263	.3182171	3.087415
#3	.2045852	.1911370	1.093837	.3784098	.1886655	.3227580	3.160594

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2117934	1.989211	.4744416	.0767810	3.063258	.3099926	.2075080
Stddev	.0020040	.046212	.0001834	.0002421	.007925	.0033782	.0014703
%RSD	.9462151	2.323117	.0386648	.3153378	.2587035	1.089775	.7085363

#1	.2104434	2.000599	.4743979	.0767173	3.066032	.3076732	.2084928
#2	.2108408	2.028664	.4746430	.0770486	3.069423	.3084362	.2058180
#3	.2140961	1.938370	.4742840	.0765771	3.054319	.3138685	.2082132

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.991314	5.774755	.3117494	.4003860	9.495666	.7784041	.6658021
Stddev	.051520	.008262	.0042677	.0008096	.013348	.0067670	.0041945
%RSD	.5156517	.1430632	1.368958	.2022100	.1405646	.8693394	.6299909

#1	10.01289	5.765222	.3101498	.4006074	9.480258	.7766319	.6685543
#2	9.93251	5.779220	.3085126	.3994887	9.503700	.7726996	.6678775
#3	10.02854	5.779824	.3165859	.4010619	9.503039	.7858809	.6609745

Sample Name: PB156491BS Acquired: 12/28/2023 11:34:31 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2101812	.2243459	.2186035
Stddev	.0028278	.0012192	.0001613
%RSD	1.345432	.5434314	.0738008

#1	.2103511	.2232082	.2184853
#2	.2072722	.2241967	.2185380
#3	.2129202	.2256328	.2187873

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	874.0116	1021.952	40968.70	6517.477	1241.709
Stddev	3.6443	.380	110.98	29.454	2.371
%RSD	.4169650	.0371936	.2708961	.4519177	.1909861

#1	870.2652	1022.277	40893.22	6496.169	1239.738
#2	877.5444	1022.044	40916.76	6551.087	1241.048
#3	874.2251	1021.534	41096.13	6505.175	1244.341

Sample Name: O4699-02 Acquired: 12/28/2023 12:05:16 Type: Unk
Method: NON EPA-6010-200.7(v182) 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	.0192119	.0409191	.0108389	.0151873	.0542149	.1092138	.1103263
Stddev	.0061481	.0019056	.0010338	.0032164	.0020113	.0037627	.0002078
%RSD	32.00148	4.657069	9.538189	21.17798	3.709872	3.445247	.1883829

#1	.0131820	.0425128	.0104461	.0167512	.0551720	.1134015	.1101006
#2	.0189820	.0388082	.0100591	.0173226	.0555689	.1081224	.1103685
#3	.0254717	.0414362	.0120116	.0114880	.0519038	.1061175	.1105098

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064437	.0060222	2.171010	.0093470	.0294202	.0253301	.1071051
Stddev	.0000584	.0000368	.026051	.0005059	.0002020	.0009826	.0024625
%RSD	.9064971	.6114232	1.199940	5.412355	.6867264	3.878992	2.299167

#1	.0064851	.0059815	2.142073	.0098229	.0294430	.0264158	.1047377
#2	.0063769	.0060318	2.178363	.0088157	.0296099	.0245019	.1069247
#3	.0064692	.0060532	2.192594	.0094025	.0292077	.0250726	.1096528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222853	2.179478	.0396387	.0111764	2.215181	.0384819	.0416405
Stddev	.0004698	.028819	.0008797	.0003472	.171249	.0004406	.0011526
%RSD	2.108292	1.322269	2.219388	3.106146	7.730705	1.144899	2.767889

#1	.0222562	2.147355	.0405722	.0113088	2.047885	.0389906	.0429713
#2	.0227690	2.188014	.0395187	.0107825	2.207532	.0382276	.0409640
#3	.0218306	2.203064	.0388251	.0114379	2.390127	.0382275	.0409862

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.985155	.0197403	.1038723	.2212645	.0205505	.3423106	.0382325
Stddev	.039181	.0043684	.0009451	.0004850	.0083079	.0031517	.0009664
%RSD	1.973711	22.12933	.9098574	.2191885	40.42667	.9207041	2.527614

#1	2.029923	.0203507	.1027826	.2217492	.0240437	.3434649	.0371482
#2	1.957112	.0150989	.1043659	.2207792	.0110664	.3387446	.0390028
#3	1.968430	.0237715	.1044685	.2212651	.0265413	.3447224	.0385466

Sample Name: O4699-02 Acquired: 12/28/2023 12:05:16 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0415107	.0223222	.0227473
Stddev	.0003487	.0014782	.0001729
%RSD	.8401300	6.622040	.7600600

#1	.0416401	.0206377	.0225547
#2	.0411157	.0229258	.0227980
#3	.0417762	.0234030	.0228892

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	874.6707	1017.386	40954.78	6564.453	1248.056
Stddev	3.4993	2.135	80.91	13.112	.933
%RSD	.4000685	.2098728	.1975479	.1997394	.0747469

#1	871.6378	1016.481	40862.35	6549.570	1248.474
#2	878.4993	1015.851	40989.28	6574.300	1246.987
#3	873.8750	1019.824	41012.72	6569.490	1248.707

Sample Name: O4699-16 Acquired: 12/28/2023 12:13:29 Type: Unk
Method: NON EPA-6010-200.7(v182) 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	.0189465	.0411967	.0114435	.0143264	.0536145	.1054745	.1097472
Stddev	.0034429	.0019241	.0013384	.0047139	.0025650	.0078280	.0005030
%RSD	18.17176	4.670600	11.69614	32.90352	4.784234	7.421659	.4583409

#1	.0220567	.0407776	.0127875	.0188247	.0506528	.1109385	.1103141
#2	.0195358	.0432959	.0101107	.0147314	.0550634	.1089782	.1095734
#3	.0152470	.0395167	.0114324	.0094231	.0551272	.0965066	.1093542

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062661	.0061122	2.156328	.0091045	.0284978	.0254602	.1086525
Stddev	.0000798	.0002646	.009395	.0002001	.0001551	.0029845	.0083941
%RSD	1.273162	4.328161	.4356886	2.198058	.5442954	11.72236	7.725658

#1	.0063469	.0059637	2.166515	.0092881	.0283238	.0220800	.1178710
#2	.0061874	.0059552	2.154464	.0088912	.0286216	.0277317	.1066368
#3	.0062641	.0064176	2.148005	.0091340	.0285480	.0265688	.1014498

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215372	2.153080	.0385574	.0108082	2.135660	.0398987	.0412689
Stddev	.0002613	.040378	.0006243	.0000673	.120483	.0026169	.0001976
%RSD	1.213430	1.875354	1.619173	.6230111	5.641481	6.558901	.4786964

#1	.0218368	2.157989	.0384727	.0107608	2.188829	.0392098	.0413558
#2	.0214189	2.110472	.0379797	.0108853	2.220412	.0427912	.0410428
#3	.0213559	2.190779	.0392197	.0107786	1.997738	.0376952	.0414082

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.915065	.0156585	.1001452	.2194313	.0228788	.3384527	.0383616
Stddev	.068467	.0044462	.0013877	.0037234	.0066485	.0035403	.0012640
%RSD	3.575161	28.39472	1.385683	1.696838	29.05965	1.046034	3.295025

#1	1.969406	.0199213	.1016512	.2166310	.0190798	.3415267	.0374649
#2	1.937625	.0110492	.0998660	.2180062	.0305557	.3392496	.0378126
#3	1.838166	.0160051	.0989182	.2236568	.0190010	.3345819	.0398073

Sample Name: O4699-16 Acquired: 12/28/2023 12:13:29 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0408017	.0227180	.0225036
Stddev	.0002893	.0007746	.0000877
%RSD	.7089925	3.409672	.3896682

#1	.0407293	.0219212	.0225923
#2	.0411203	.0227645	.0225015
#3	.0405555	.0234683	.0224170

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	883.7775	1021.089	41349.00	6569.243	1252.369
Stddev	8.0511	16.878	89.67	52.013	19.990
%RSD	.9109915	1.652956	.2168570	.7917676	1.596138

#1	877.0214	1029.173	41246.91	6514.170	1262.405
#2	892.6861	1032.406	41414.99	6576.030	1265.351
#3	881.6250	1001.690	41385.10	6617.530	1229.349

Sample Name: O4699-08 Acquired: 12/28/2023 12:21:34 Type: Unk
Method: NON EPA-6010-200.7(v182) 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	.0203007	.0396143	.0116401	.0159633	.0543333	.1048179
Stddev	.0061617	.0035984	.0018124	.0110144	.0028711	.0007116
%RSD	30.35241	9.083682	15.57001	68.99823	5.284204	.6788460

#1	.0131864	.0429874	.0132966	.0286332	.0521762	.1040139
#2	.0237699	.0358264	.0119193	.0105887	.0575921	.1050732
#3	.0239457	.0400292	.0097043	.0086680	.0532317	.1053666

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1104944	.0063053	.0060437	2.166640	.0094150	.0286609
Stddev	.0005369	.0000470	.0000816	.019470	.0005139	.0001819
%RSD	.4859084	.7446266	1.350376	.8986127	5.458482	.6345556

#1	.1098748	.0063594	.0061254	2.145387	.0100069	.0288704
#2	.1107864	.0062810	.0059622	2.170918	.0090815	.0285436
#3	.1108220	.0062754	.0060433	2.183615	.0091567	.0285688

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0255627	.1071604	.0225128	2.176942	.0390445	.0112131
Stddev	.0013048	.0126403	.0001502	.032164	.0003407	.0003781
%RSD	5.104441	11.79567	.6671904	1.477472	.8726954	3.371517

#1	.0251734	.0948856	.0225813	2.143080	.0386978	.0107836
#2	.0244968	.1201369	.0226165	2.207084	.0393789	.0113604
#3	.0270179	.1064586	.0223406	2.180662	.0390568	.0114954

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.182730	.0379520	.0421513	1.977560	.0142462	.1025123
Stddev	.114248	.0024241	.0005609	.025666	.0045078	.0015901
%RSD	5.234196	6.387236	1.330705	1.297875	31.64223	1.551115

#1	2.281237	.0355033	.0426919	2.004164	.0194122	.1009870
#2	2.209470	.0403506	.0415721	1.975568	.0122155	.1023898
#3	2.057484	.0380022	.0421897	1.952948	.0111110	.1041601

Sample Name: O4699-08 Acquired: 12/28/2023 12:21:34 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2206916	F .0103705	.3405150	.0381748	.0406860	.0219179
Stddev	.0007824	.0050067	.0001419	.0012027	.0005381	.0009015
%RSD	.3545376	48.27810	.0416759	3.150543	1.322508	4.113269

#1	.2210816	.0106416	.3403513	.0368722	.0411305	.0217968
#2	.2197908	.0152360	.3405903	.0392432	.0408397	.0228739
#3	.2212024	.0052337	.3406034	.0384091	.0400878	.0210830

Elem	Sr4077
Units	ppm
Avg	.0226974
Stddev	.0000455
%RSD	.2006090

#1	.0226581
#2	.0226869
#3	.0227473

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	875.4321	1017.862	41030.44	6583.600	1250.102
Stddev	.9159	1.401	84.61	27.660	3.914
%RSD	.1046230	.1376812	.2062142	.4201375	.3131047

#1	876.1479	1016.358	41093.23	6613.870	1247.647
#2	874.4000	1018.098	40934.22	6577.290	1248.044
#3	875.7485	1019.131	41063.87	6559.640	1254.616

Sample Name: O4699-17 Acquired: 12/28/2023 12:25:36 Type: Unk
Method: NON EPA-6010-200.7(v182) 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	.0212086	.0405451	.0121500	.0160547	.0524042	.1027292	.1100402
Stddev	.0049014	.0020052	.0002425	.0031942	.0006937	.0046950	.0000525
%RSD	23.11056	4.945660	1.995547	19.89595	1.323690	4.570297	.0476861

#1	.0158590	.0398307	.0124219	.0133165	.0518396	.0975645	.1099819
#2	.0222833	.0389949	.0120718	.0195638	.0521945	.1038839	.1100836
#3	.0254835	.0428097	.0119563	.0152837	.0531785	.1067391	.1100551

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064613	.0060221	2.175280	.0092136	.0291632	.0258504	.1041040
Stddev	.0000136	.0001321	.021444	.0003747	.0004046	.0010507	.0105303
%RSD	.2098310	2.194282	.9858259	4.066751	1.387217	4.064491	10.11518

#1	.0064765	.0059049	2.155113	.0089800	.0294020	.0255975	.0923768
#2	.0064570	.0059960	2.197807	.0090150	.0293915	.0249493	.1071854
#3	.0064505	.0061653	2.172921	.0096458	.0286961	.0270045	.1127499

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217570	2.179864	.0390265	.0112449	1.949005	.0388601	.0424569
Stddev	.0000413	.024606	.0003709	.0004246	.062932	.0013725	.0013022
%RSD	.1896597	1.128778	.9504120	3.776376	3.228955	3.531786	3.067042

#1	.0218008	2.153197	.0388418	.0115242	1.896791	.0394185	.0438636
#2	.0217512	2.184708	.0394535	.0114543	1.931343	.0398654	.0422135
#3	.0217189	2.201688	.0387842	.0107562	2.018881	.0372965	.0412937

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.988795	.0190615	.1029812	.2219154	.0176173	.3448315	.0359294
Stddev	.037576	.0013578	.0014550	.0012275	.0049536	.0036676	.0017194
%RSD	1.889377	7.123106	1.412846	.5531393	28.11802	1.063600	4.785395

#1	1.986702	.0206263	.1015810	.2214298	.0162688	.3446873	.0339748
#2	2.027373	.0181941	.1028773	.2233114	.0231056	.3412382	.0366051
#3	1.952309	.0183643	.1044854	.2210050	.0134775	.3485691	.0372082

Sample Name: O4699-17 Acquired: 12/28/2023 12:25:36 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0406034	.0224304	.0226543
Stddev	.0001584	.0004058	.0001248
%RSD	.3901305	1.809219	.5507909

#1	.0407847	.0228209	.0225220
#2	.0405340	.0220108	.0227699
#3	.0404916	.0224594	.0226709

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	874.4827	1017.729	41131.02	6561.380	1249.890
Stddev	5.5256	2.749	22.22	14.011	4.022
%RSD	.6318723	.2700783	.0540205	.2135369	.3217513

#1	868.9729	1019.437	41124.43	6575.060	1253.250
#2	874.4511	1014.558	41112.85	6562.020	1245.434
#3	880.0240	1019.191	41155.79	6547.060	1250.987

Sample Name: O4699-01 Acquired: 12/28/2023 12:42:30 Type: Unk
Method: NON EPA-6010-200.7(v182) 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	.0066708	.0097146	.0023209	.0039835	.0125240	.0297991	.0261906
Stddev	.0047578	.0008096	.0008882	.0016223	.0006033	.0036227	.0003722
%RSD	71.32316	8.333894	38.27006	40.72527	4.817108	12.15716	1.420967

#1	.0030161	.0098132	.0017353	.0050129	.0118647	.0287366	.0258965
#2	.0120505	.0088601	.0033429	.0048243	.0126586	.0268265	.0260662
#3	.0049457	.0104703	.0018845	.0021134	.0130485	.0338343	.0266090

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015241	.0014463	.5279695	.0020601	.0073397	.0107990	.0212575
Stddev	.0001208	.0001335	.0043602	.0001589	.0004149	.0003294	.0057825
%RSD	7.924422	9.233709	.8258428	7.712911	5.652485	3.050085	27.20193

#1	.0016608	.0014800	.5230178	.0022435	.0074905	.0104423	.0155552
#2	.0014799	.0012991	.5296566	.0019743	.0076582	.0110916	.0211005
#3	.0014317	.0015597	.5312341	.0019626	.0068706	.0108631	.0271169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055471	.4999820	.0094166	.0029833	.5360409	.0102542	.0097184
Stddev	.0003613	.0106316	.0001265	.0002814	.1935048	.0014329	.0004185
%RSD	6.513555	2.126406	1.343675	9.432133	36.09888	13.97348	4.305884

#1	.0051719	.5038971	.0095588	.0032943	.4795568	.0096752	.0097291
#2	.0058927	.5081009	.0093747	.0027463	.3770632	.0118859	.0101314
#3	.0055767	.4879479	.0093164	.0029093	.7515028	.0092014	.0092947

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4142342	.0055011	.0202563	.0527634	.0037275	.0836511	.0089312
Stddev	.0473325	.0016978	.0007501	.0005269	.0072848	.0005987	.0004282
%RSD	11.42651	30.86355	3.703143	.9986639	195.4363	.7157227	4.795043

#1	.3986438	.0069932	.0210805	.0531785	.0065485	.0831624	.0094242
#2	.3766635	.0036538	.0200747	.0529410	-.004546	.0843190	.0086511
#3	.4673954	.0058562	.0196136	.0521706	.009180	.0834720	.0087183

Sample Name: O4699-01 Acquired: 12/28/2023 12:42:30 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0099943	.0047430	.0054870
Stddev	.0008867	.0008605	.0000572
%RSD	8.872290	18.14219	1.042792

#1	.0090403	.0056117	.0054325
#2	.0101495	.0047263	.0055466
#3	.0107932	.0038910	.0054819

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	880.5401	1020.882	41395.63	6541.897	1260.982
Stddev	13.0660	2.103	902.89	17.177	2.462
%RSD	1.483860	.2060089	2.181116	.2625732	.1952648

#1	876.1955	1018.464	40963.46	6523.290	1258.269
#2	870.2000	1021.890	40790.05	6545.250	1261.602
#3	895.2250	1022.290	42433.38	6557.150	1263.075

Sample Name: O4699-07 Acquired: 12/28/2023 12:46:34 Type: Unk
Method: NON EPA-6010-200.7(v182) 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	.0082775	.0098377	.0029106	.0083327	.0124717	.0261839	.0262786
Stddev	.0123697	.0039150	.0022703	.0107536	.0007432	.0030752	.0003913
%RSD	149.4388	39.79577	78.00115	129.0540	5.959252	11.74478	1.489166

#1	.0141417	.0119001	.0054776	-.000226	.0121607	.0226584	.0261862
#2	.0166244	.0053227	.0020877	.020403	.0133199	.0283145	.0259417
#3	-.005934	.0122903	.0011665	.004821	.0119345	.0275788	.0267078

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015543	.0012544	.5366807	.0021212	.0067695	.0089311	.0285164
Stddev	.0000640	.0000084	.0087649	.0004555	.0002001	.0012655	.0045962
%RSD	4.114884	.6673893	1.633168	21.47562	2.955197	14.16939	16.11785

#1	.0016177	.0012550	.5266269	.0018487	.0067090	.0090376	.0312037
#2	.0015556	.0012624	.5406999	.0026471	.0069928	.0101400	.0311363
#3	.0014898	.0012457	.5427151	.0018678	.0066067	.0076158	.0232093

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052259	.5094984	.0097122	.0032615	.5671949	.0092406	.0098813
Stddev	.0004079	.0199984	.0000835	.0003227	.1227697	.0017540	.0005374
%RSD	7.804501	3.925105	.8600448	9.894249	21.64506	18.98112	5.438519

#1	.0048643	.5325904	.0097095	.0030055	.5108960	.0086008	.0103170
#2	.0056680	.4979014	.0096301	.0036240	.7080174	.0078963	.0092808
#3	.0051453	.4980034	.0097971	.0031551	.4826713	.0112246	.0100460

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3661204	.0009042	.0211281	.0527385	.0082728	.0827887	.0085647
Stddev	.0323458	.0038017	.0001649	.0005871	.0015029	.0011354	.0008097
%RSD	8.834731	420.4711	.7803657	1.113250	18.16701	1.371415	9.454195

#1	.3500159	-.001066	.0210027	.0522063	.0085217	.0816633	.0085458
#2	.4033571	.005287	.0210667	.0526409	.0096357	.0827692	.0093837
#3	.3449883	-.001508	.0213148	.0533683	.0066609	.0839338	.0077646

Sample Name: O4699-07 Acquired: 12/28/2023 12:46:34 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0100238	.0054119	.0054983
Stddev	.0006303	.0005219	.0000503
%RSD	6.287855	9.644582	.9149595

#1	.0097141	.0056305	.0054457
#2	.0107490	.0048161	.0055459
#3	.0096083	.0057890	.0055035

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	875.0659	1025.679	41077.89	6521.087	1265.031
Stddev	5.7409	1.694	118.32	.936	6.014
%RSD	.6560586	.1651519	.2880379	.0143562	.4753787

#1	868.4368	1024.373	40971.63	6520.320	1264.641
#2	878.3925	1025.070	41056.65	6522.130	1259.222
#3	878.3683	1027.593	41205.39	6520.810	1271.230

Sample Name: CCV02 Acquired: 12/28/2023 12:59:27 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.038911	5.061839	4.860167	5.044832	5.063131	10.04723	10.70273
Stddev	.038741	.058458	.044060	.038988	.054408	.06659	.06684
%RSD	.7688342	1.154871	.9065600	.7728297	1.074594	.6627605	.6245089

#1	5.004323	5.031722	4.828865	5.016071	5.016926	9.97180	10.62743
#2	5.080773	5.129214	4.910552	5.089207	5.123099	10.07204	10.75505
#3	5.031635	5.024580	4.841084	5.029218	5.049369	10.09785	10.72571

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2472701	2.414064	25.52802	.9326331	2.444166	1.266722	4.912350
Stddev	.0015596	.024438	.24300	.0042941	.027081	.004680	.047731
%RSD	.6307206	1.012319	.9518858	.4604304	1.107978	.3694724	.9716581

#1	.2464664	2.398077	25.26335	.9277182	2.428695	1.262469	4.863511
#2	.2462763	2.442195	25.57967	.9345226	2.475436	1.265963	4.914647
#3	.2490676	2.401919	25.74104	.9356585	2.428367	1.271736	4.958891

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.572561	24.85351	2.429005	1.267003	25.11978	2.519667	2.475659
Stddev	.025014	.34262	.025541	.003851	.11184	.022878	.007962
%RSD	.9723541	1.378562	1.051491	.3039311	.4452162	.9079699	.3216234

#1	2.544552	24.47925	2.412423	1.267056	25.01746	2.496209	2.479886
#2	2.580457	24.92955	2.458418	1.263126	25.10272	2.520876	2.466475
#3	2.592675	25.15172	2.416175	1.270827	25.23917	2.541917	2.480617

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.07587	5.051407	5.055876	4.940339	4.878787	4.589263	4.806350
Stddev	.09434	.062214	.037973	.039450	.056903	.040692	.037062
%RSD	.3762358	1.231627	.7510699	.7985238	1.166340	.8866714	.7711001

#1	24.97552	5.016305	5.027435	4.902168	4.853916	4.551339	4.778562
#2	25.16277	5.123240	5.041195	4.980954	4.943892	4.584202	4.848430
#3	25.08932	5.014676	5.098998	4.937896	4.838554	4.632249	4.792058

Sample Name: CCV02 Acquired: 12/28/2023 12:59:27 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.012476	5.315090	5.040716
Stddev	.030646	.038834	.057774
%RSD	.6113889	.7306274	1.146151

#1	4.977185	5.270789	4.988644
#2	5.027867	5.343250	5.030638
#3	5.032376	5.331232	5.102866

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	840.0758	974.1783	39283.08	6423.169	1119.738
Stddev	.1681	6.5466	43.39	21.291	10.047
%RSD	.0200047	.6720127	.1104448	.3314646	.8972961

#1	839.8904	977.4719	39246.76	6445.758	1122.818
#2	840.1186	966.6389	39271.35	6420.273	1108.511
#3	840.2183	978.4240	39331.12	6403.474	1127.885

Sample Name: CCB02 Acquired: 12/28/2023 13:03:24 Type: Unk
Method: NON EPA-6010-200.7(v182) 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	.0010047	.0011340	-.000026	-.002315	.0050232	.0018596	.0000525
Stddev	.0104474	.0019640	.001776	.004939	.0041900	.0078498	.0005638
%RSD	1039.843	173.1919	6926.339	213.3276	83.41314	422.1325	1074.693

#1	-.002562	.0025775	.002023	-.001377	.0006016	.0018862	.0006999
#2	-.007192	-.001103	-.001122	.002087	.0089349	.0096960	-.000212
#3	.012768	.001927	-.000978	-.007657	.0055330	-.006004	-.000330

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000557	.0000185	-.003674	-.000477	.0002088	.0030552	.0051521
Stddev	.0000779	.0000545	.004514	.000648	.0003972	.0024186	.0081891
%RSD	139.8681	294.3533	122.8641	135.8297	190.2507	79.16343	158.9476

#1	.0000583	.0000397	.000064	-.000287	.0001157	.0036894	.0117262
#2	.0001322	.0000592	-.008689	.000055	-.000134	.0050935	-.004021
#3	-.000023	-.000043	-.002398	-.001198	.000644	.0003827	.007751

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000145	-.023420	.0002769	.0002704	-.189606	-.000682	-.000266
Stddev	.000152	.018012	.0001299	.0001137	.183003	.002913	.000451
%RSD	105.0634	76.91066	46.92635	42.06140	96.51773	427.1718	169.5707

#1	-.000006	-.041605	.0003602	.0003217	-.388200	-.000825	-.000748
#2	-.000308	-.023067	.0001272	.0003495	-.152844	-.003521	-.000197
#3	-.000120	-.005586	.0003433	.0001401	-.027774	.002300	.000146

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.105334	-.000973	.0123926	.0008670	.0045456	.0078612	.0008850
Stddev	.026369	.002410	.0012637	.0005099	.0120935	.0003770	.0004375
%RSD	25.03359	247.6986	10.19759	58.80974	266.0476	4.795849	49.43714

#1	-.130754	-.001347	.0135350	.0004855	-.002223	.0077105	.0013781
#2	-.107140	-.003173	.0126078	.0006695	.018508	.0082903	.0005431
#3	-.078109	.001602	.0110351	.0014461	-.002648	.0075829	.0007339

Sample Name: CCB02 Acquired: 12/28/2023 13:03:24 Type: Unk
Method: NON EPA-6010-200.7(v182) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009201	.0000329	.0002225
Stddev	.0005189	.0005807	.0001578
%RSD	56.39771	1764.577	70.93598

#1	.0013326	.0006066	.0003710
#2	.0003375	.0000468	.0002397
#3	.0010901	-.000555	.0000568

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	871.8417	1011.735	40747.88	6466.430	1248.882
Stddev	9.1298	.987	43.56	11.781	1.105
%RSD	1.047185	.0975109	.1068918	.1821858	.0884440

#1	861.8749	1011.025	40732.24	6474.630	1249.530
#2	873.8502	1012.862	40714.31	6471.730	1247.607
#3	879.8000	1011.319	40797.10	6452.930	1249.510