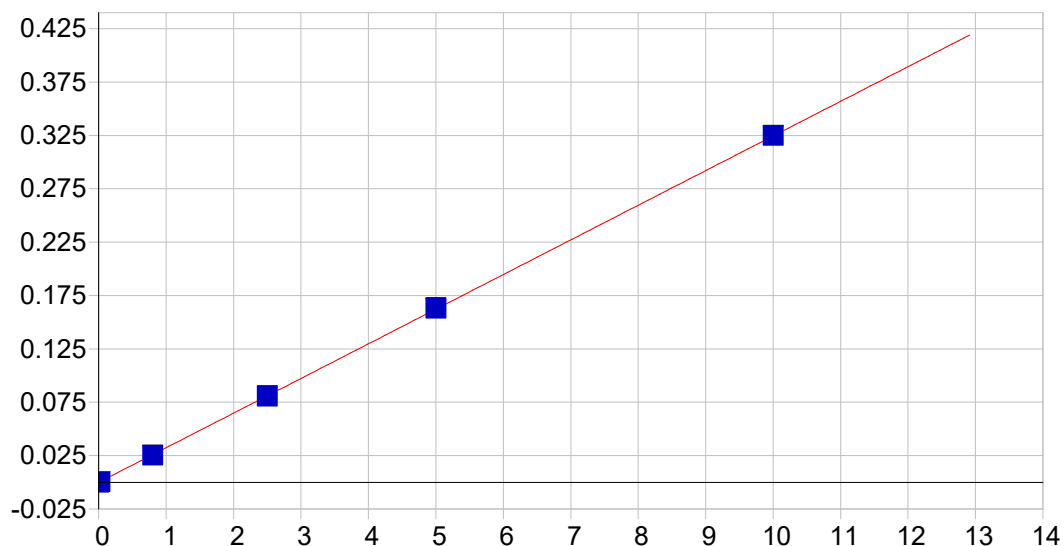


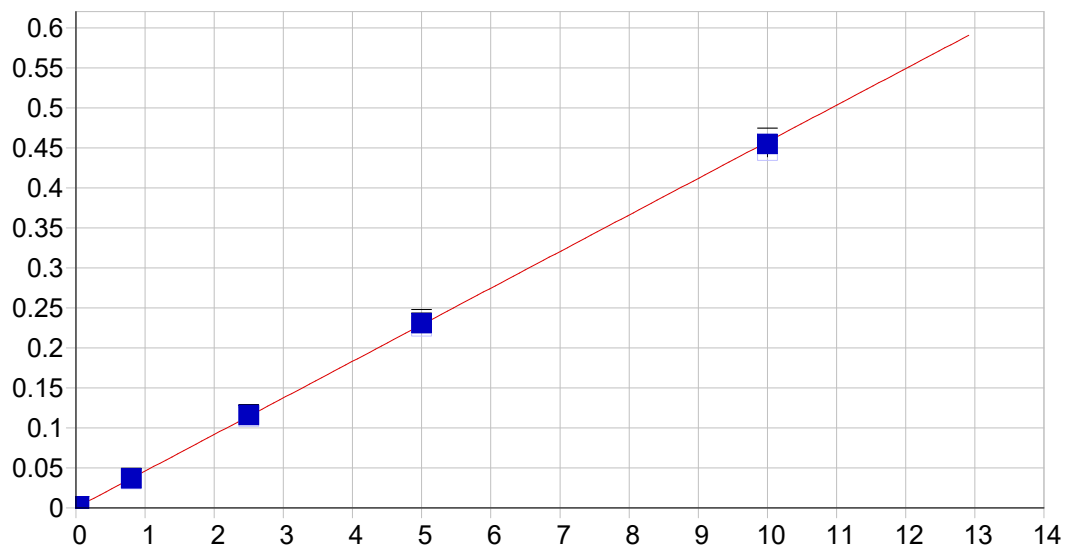


As 189.042 {479}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000090 Re-Slope: 1.000000
 A1 (Gain): 0.032460 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.005977
 Predicted MQL: 0.019925

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.02000	.01877	-.001	-6.14	.00052	.000	1
S3	2.5000	2.4854	-.015	-.582	.08051	.000	1
S4	5.0000	5.0216	.022	.432	.16275	.001	1
S5	10.000	10.014	.014	.141	.32465	.000	1
S2	.80000	.78004	-.020	-2.50	.02520	.000	1

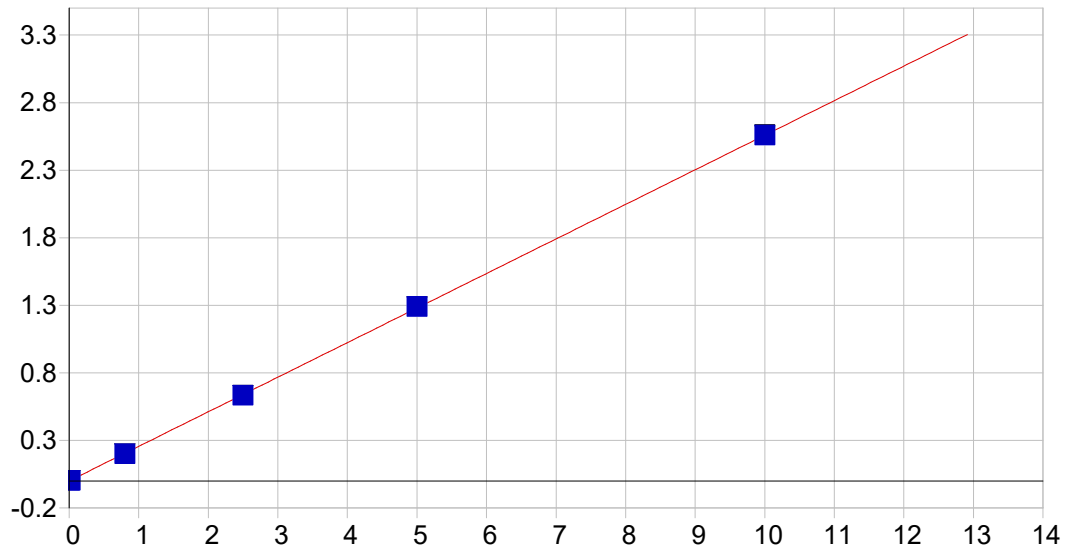


TI 190.856 {477}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000299 Re-Slope: 1.000000
 A1 (Gain): 0.045729 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.004026
 Predicted MQL: 0.013422

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00030	.000	1
S1	.04000	.03696	-.003	-7.61	.00187	.000	1
S3	2.5000	2.5296	.030	1.18	.11387	.001	1
S4	5.0000	5.0436	.044	.873	.22673	.005	1
S5	10.000	9.9356	-.064	-.644	.44622	.008	1
S2	.80000	.79404	-.006	-.744	.03594	.001	1

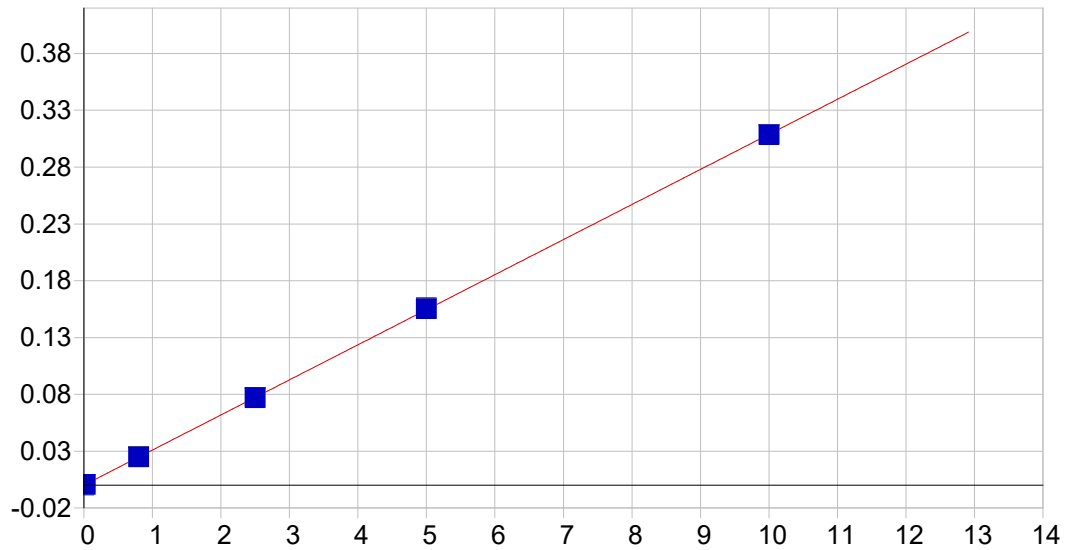


Pb 220.353 {453}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000102 Re-Slope: 1.000000
 A1 (Gain): 0.255879 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.001840
 Predicted MQL: 0.006133

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.01200	.01223	.000	1.88	.00297	.000	1
S3	2.5000	2.4729	-.027	-1.08	.63200	.000	1
S4	5.0000	5.0377	.038	.753	1.2876	.002	1
S5	10.000	10.001	.001	.015	2.5564	.003	1
S2	.80000	.78773	-.012	-1.53	.20125	.001	1

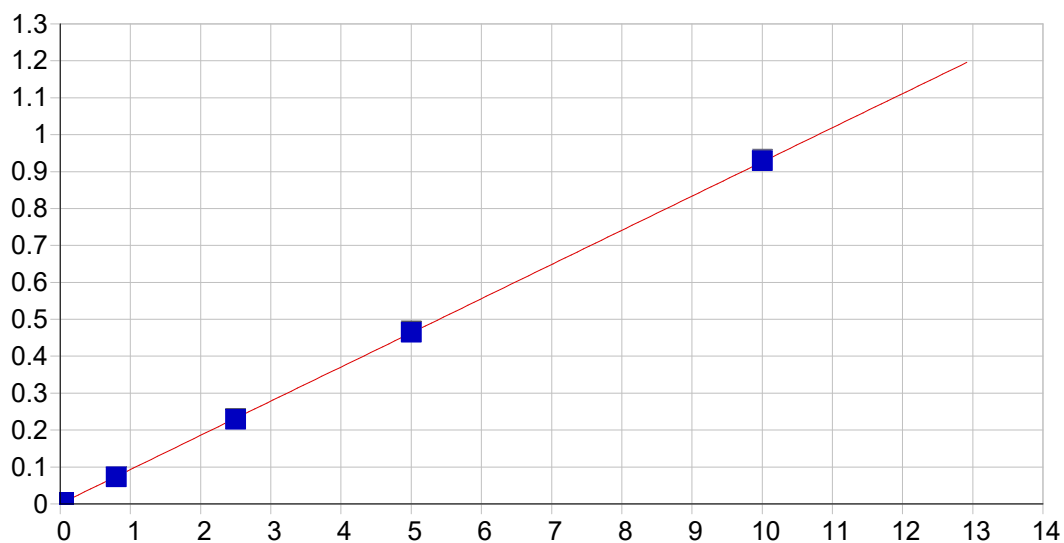


Se 196.090 {472}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000075 Re-Slope: 1.000000
 A1 (Gain): 0.030876 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.007223
 Predicted MQL: 0.024076

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.02000	.01582	-.004	-20.9	.00056	.000	1
S3	2.5000	2.4842	-.016	-.633	.07674	.000	1
S4	5.0000	5.0275	.028	.550	.15524	.001	1
S5	10.000	9.9910	-.009	-.090	.30843	.000	1
S2	.80000	.80148	.001	.185	.02481	.000	1

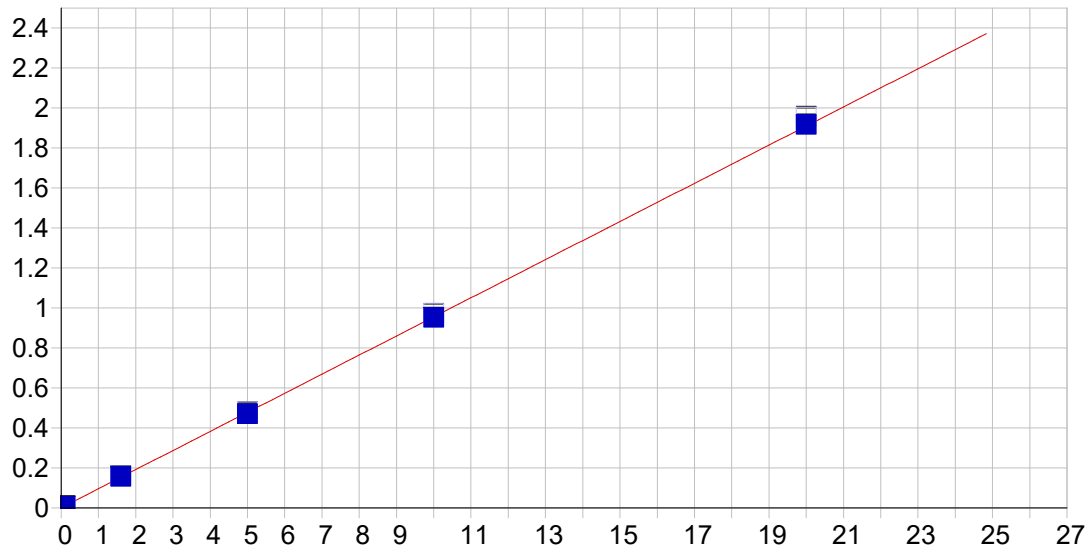


Sb 206.833 {463}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000564 Re-Slope: 1.000000
 A1 (Gain): 0.092551 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.002932
 Predicted MQL: 0.009772

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00056	.000	1
S1	.05000	.04774	-.002	-4.52	.00499	.000	1
S3	2.5000	2.4692	-.031	-1.23	.22972	.001	1
S4	5.0000	5.0121	.012	.241	.46569	.002	1
S5	10.000	10.036	.036	.363	.93195	.001	1
S2	.80000	.78466	-.015	-1.92	.07339	.000	1

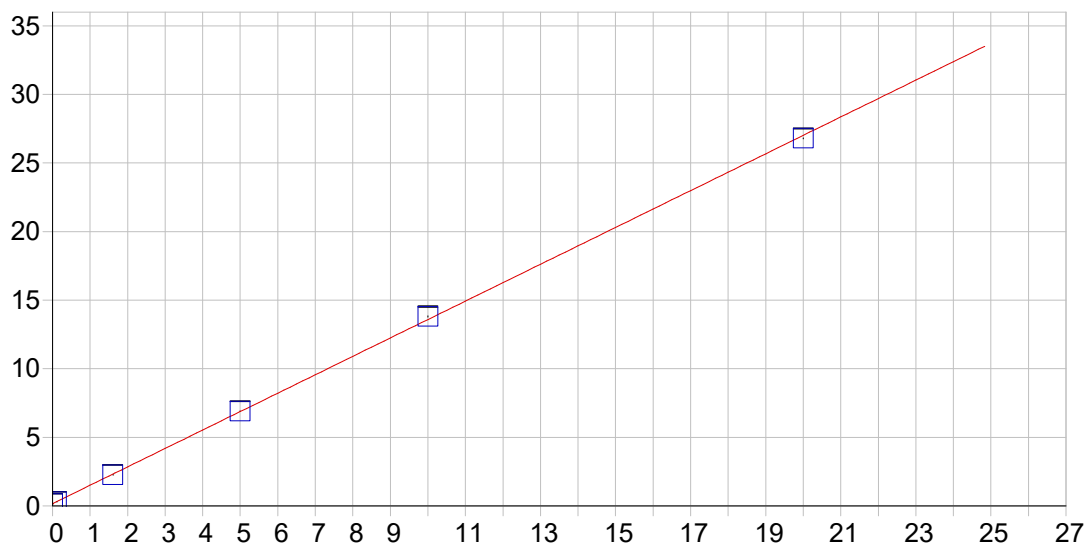


AI 396.152 { 85}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000656	Re-Slope:	1.000000
A1 (Gain):	0.095463	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999950	Status:	OK.
Std Error of Est:	0.000072		
Predicted MDL:	0.011451		
Predicted MQL:	0.038170		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00066	.001	1
S1	.10000	.08942	-.011	-10.6	.00993	.001	1
S3	5.0000	4.9181	-.082	-1.64	.47941	.001	1
S4	10.000	9.9734	-.027	-.266	.97127	.002	1
S5	20.000	20.081	.081	.404	1.9547	.004	1
S2	1.6000	1.6388	.039	2.43	.16007	.001	1

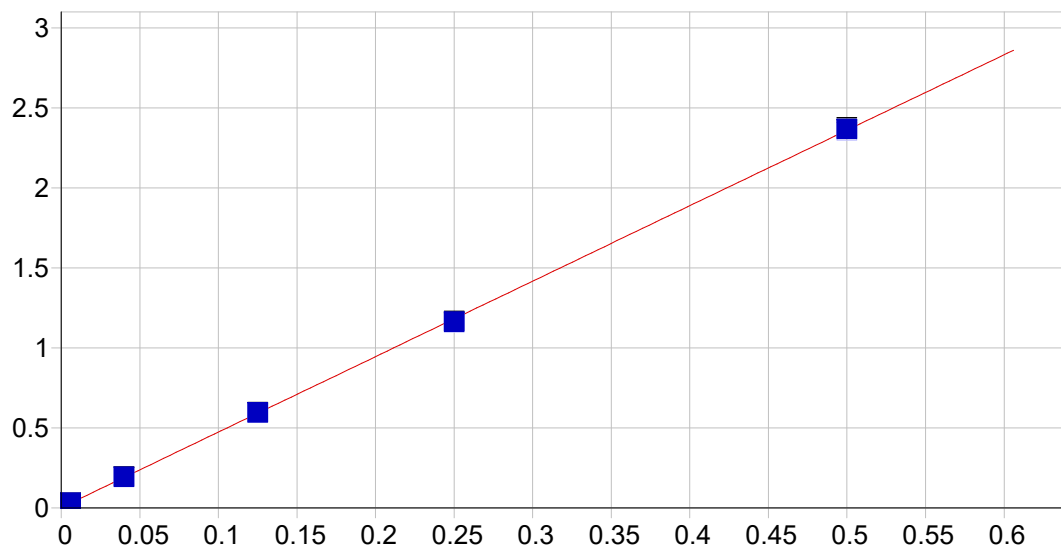


Ba 493.409 { 68}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.162820 Re-Slope: 1.000000
 A1 (Gain): 1.342681 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.001138
 Predicted MDL: 0.003420
 Predicted MQL: 0.011399

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.16282	.004	1
S1	.10000	.09876	-.001	-1.24	.29542	.001	1
S3	5.0000	5.0259	.026	.518	6.9110	.018	1
S4	10.000	10.166	.166	1.66	13.813	.052	1
S5	20.000	19.841	-.159	-.795	26.803	.033	1
S2	1.6000	1.5684	-.032	-1.98	2.2686	.005	1

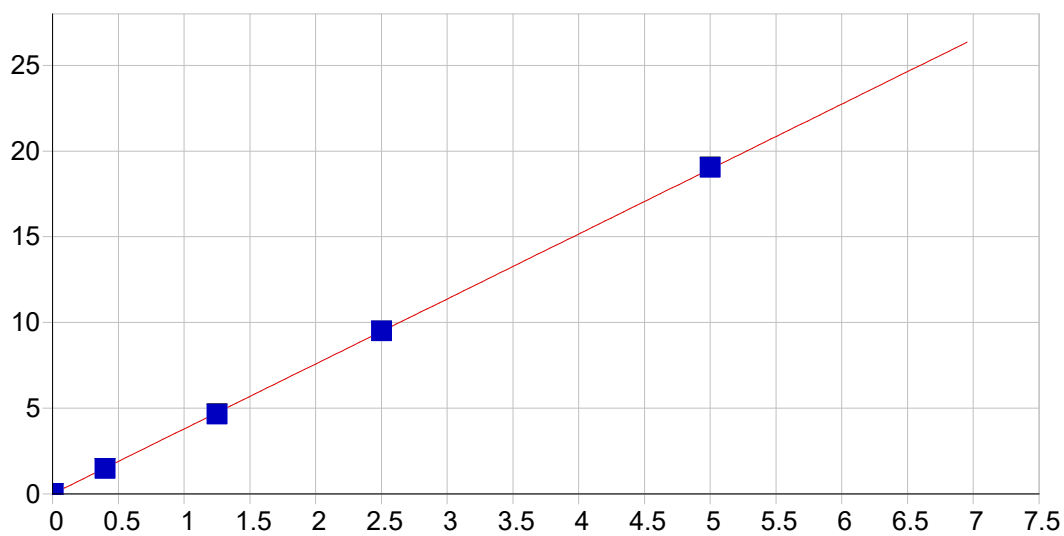


Be 234.861 {144}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002160 Re-Slope: 1.000000
 A1 (Gain): 4.716924 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938 Status: OK.
 Std Error of Est: 0.000150
 Predicted MDL: 0.000078
 Predicted MQL: 0.000260

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00216	.000	1
S1	.00600	.00649	.000	8.22	.03258	.000	1
S3	.12500	.12603	.001	.824	.59399	.002	1
S4	.25000	.24636	-.004	-1.46	1.1589	.004	1
S5	.50000	.50166	.002	.332	2.3579	.009	1
S2	.04000	.04046	.000	1.15	.19217	.001	1

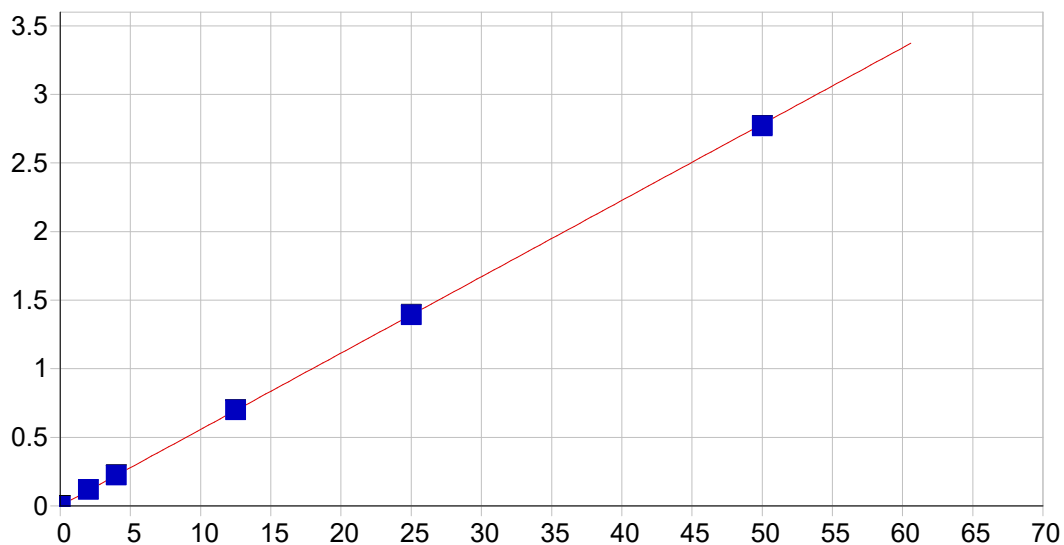


Cd 226.502 {449}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000486 Re-Slope: 1.000000
 A1 (Gain): 3.790035 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000332
 Predicted MDL: 0.000113
 Predicted MQL: 0.000377

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00049	.000	1
S1	.00600	.00636	.000	5.95	.02465	.000	1
S3	1.2500	1.2275	-.022	-1.80	4.6559	.006	1
S4	2.5000	2.5079	.008	.317	9.5117	.016	1
S5	5.0000	5.0248	.025	.495	19.057	.006	1
S2	.40000	.38942	-.011	-2.64	1.4774	.002	1

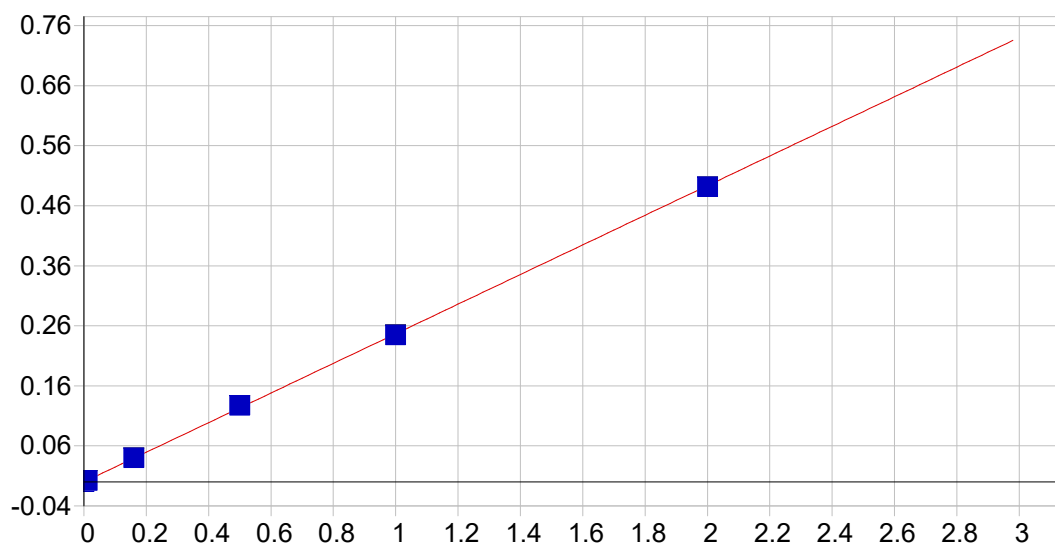


Ca 373.690 { 90}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000884 Re-Slope: 1.000000
 A1 (Gain): 0.055654 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000250
 Predicted MDL: 0.015301
 Predicted MQL: 0.051003

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00012	-.000	.000	.00088	.000	1
S2	4.0000	4.0239	.024	.597	.22420	.001	1
S3	12.500	12.563	.063	.507	.69812	.002	1
S4	25.000	25.020	.020	.081	1.3894	.004	1
S5	50.000	49.789	-.211	-.422	2.7640	.001	1
S1	2.0000	2.1033	.103	5.17	.11786	.002	1

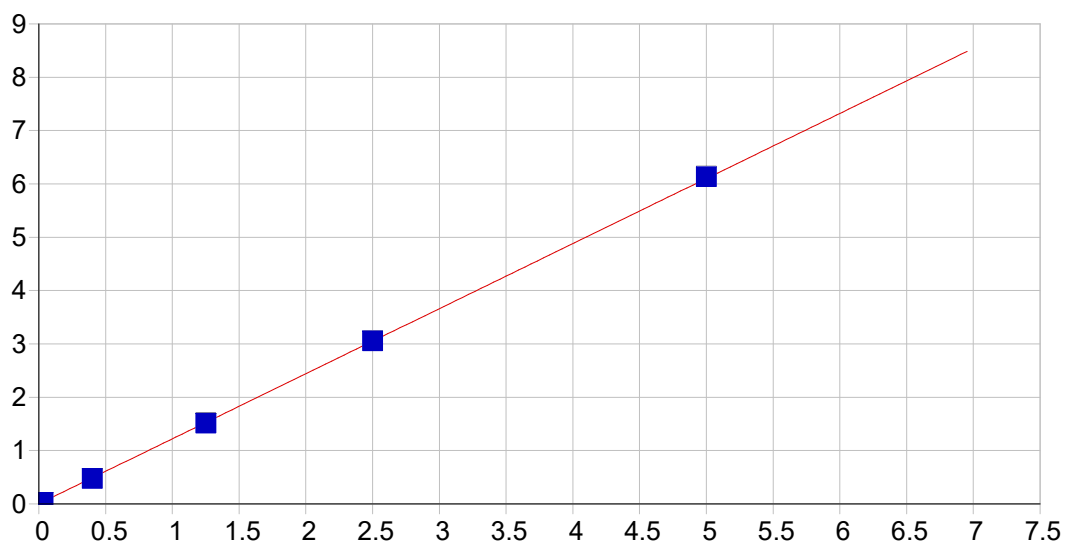


Cr 267.716 {126}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000041 Re-Slope: 1.000000
 A1 (Gain): 0.246775 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.000481
 Predicted MQL: 0.001603

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.01000	.00977	-.000	-2.31	.00237	.000	1
S3	.50000	.51525	.015	3.05	.12715	.000	1
S4	1.0000	.99214	-.008	-.786	.24487	.001	1
S5	2.0000	1.9909	-.009	-.457	.49140	.000	1
S2	.16000	.16198	.002	1.24	.03994	.000	1

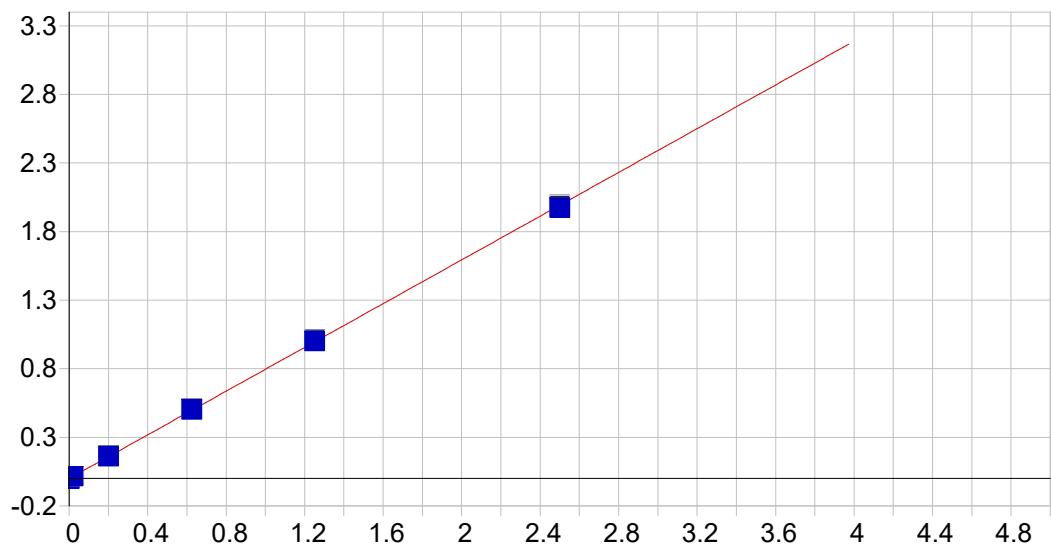


Co 228.616 {448}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000987 Re-Slope: 1.000000
 A1 (Gain): 1.219998 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000205
 Predicted MDL: 0.000302
 Predicted MQL: 0.001008

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00099	.000	1
S1	.03000	.02928	-.001	-2.39	.03656	.000	1
S3	1.2500	1.2375	-.013	-1.00	1.5133	.002	1
S4	2.5000	2.5012	.001	.050	3.0577	.003	1
S5	5.0000	5.0241	.024	.482	6.1407	.004	1
S2	.40000	.38787	-.012	-3.03	.47501	.000	1

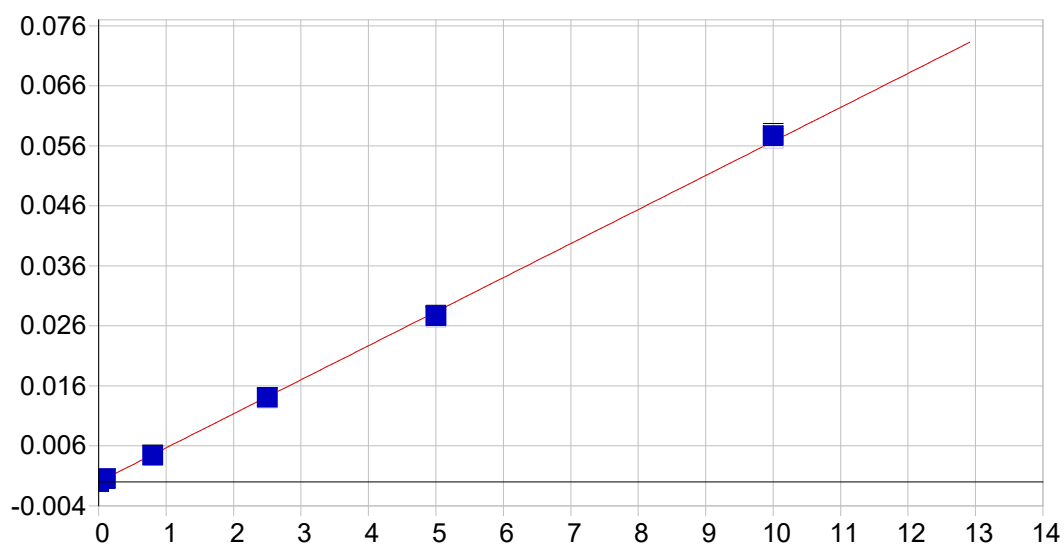


Cu 224.700 {450}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000908	Re-Slope:	1.000000
A1 (Gain):	0.797232	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999935	Status:	OK.
Std Error of Est:	0.000108		
Predicted MDL:	0.000583		
Predicted MQL:	0.001943		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00091	.000	1
S1	.02000	.02183	.002	9.14	.01666	.000	1
S3	.62500	.63195	.007	1.11	.50676	.001	1
S4	1.2500	1.2585	.009	.683	1.0101	.001	1
S5	2.5000	2.4779	-.022	-.882	1.9900	.004	1
S2	.20000	.20473	.005	2.37	.16354	.001	1

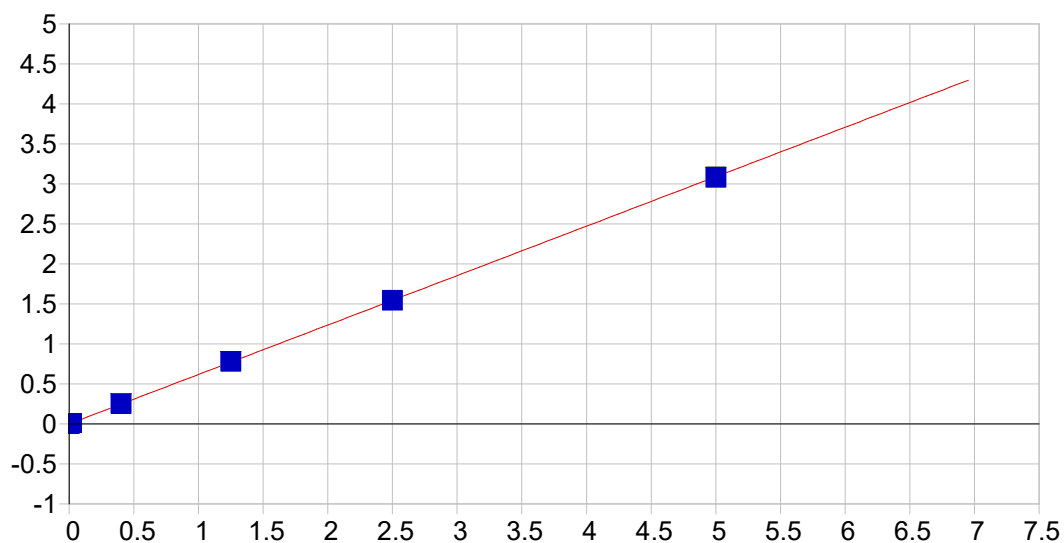


Fe 240.488 {140}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000001 Re-Slope: 1.000000
 A1 (Gain): 0.005673 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.012310
 Predicted MQL: 0.041033

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00000	.000	1
S1	.10000	.09533	-.005	-4.67	.00053	.000	1
S3	2.5000	2.4778	-.022	-.890	.01393	.000	1
S4	5.0000	4.8778	-.122	-2.44	.02743	.000	1
S5	10.000	10.169	.169	1.69	.05720	.000	1
S2	.80000	.78046	-.020	-2.44	.00439	.000	1

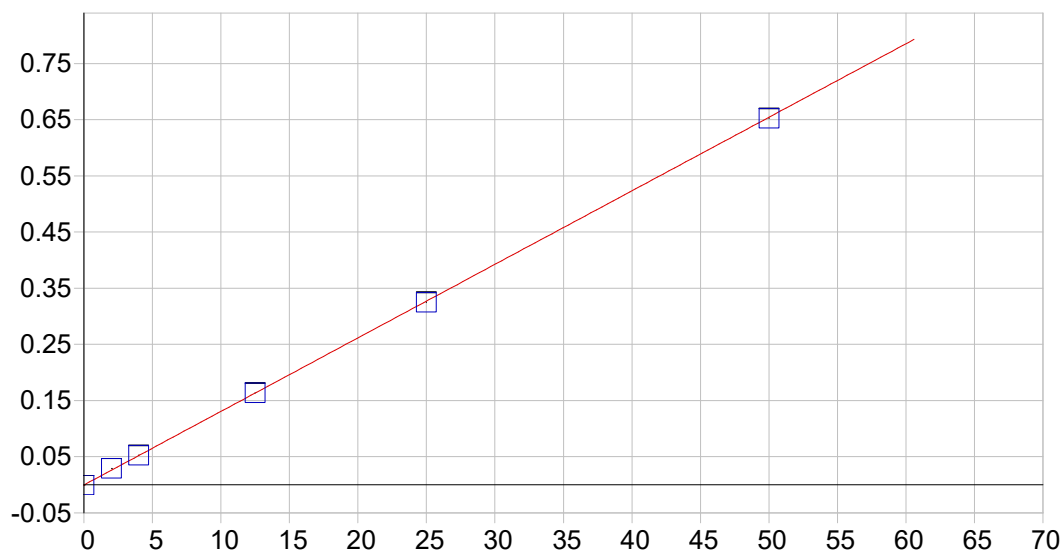


Mn 257.610 {131}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000020	Re-Slope:	1.000000
A1 (Gain):	0.617980	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999977	Status:	OK.
Std Error of Est:	0.000069		
Predicted MDL:	0.000501		
Predicted MQL:	0.001671		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.02000	.02126	.001	6.32	.01316	.000	1
S3	1.2500	1.2634	.013	1.07	.78083	.001	1
S4	2.5000	2.4957	-.004	-.172	1.5425	.002	1
S5	5.0000	4.9825	-.018	-.351	3.0794	.003	1
S2	.40000	.40721	.007	1.80	.25169	.001	1

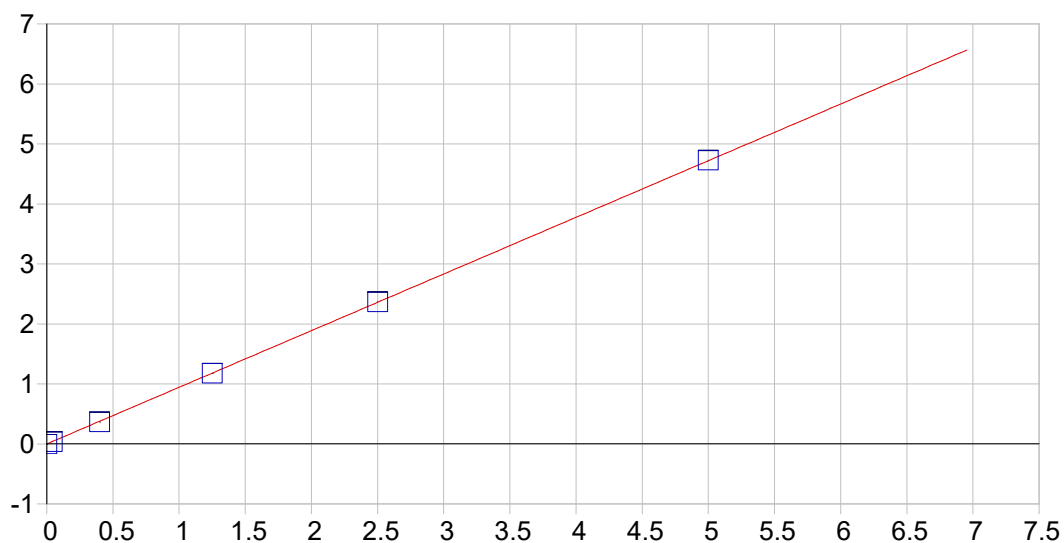


Mg 279.079 {121}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000243 Re-Slope: 1.000000
 A1 (Gain): 0.013094 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999826 Status: OK.
 Std Error of Est: 0.000129
 Predicted MDL: 0.026919
 Predicted MQL: 0.089729

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00025	-.000	.000	-.00025	.000	1
S2	4.0000	4.0409	.041	1.02	.05267	.000	1
S3	12.500	12.523	.023	.182	.16373	.001	1
S4	25.000	24.842	-.158	-.633	.32504	.001	1
S5	50.000	49.847	-.153	-.306	.65245	.001	1
S1	2.0000	2.2475	.248	12.4	.02919	.000	1

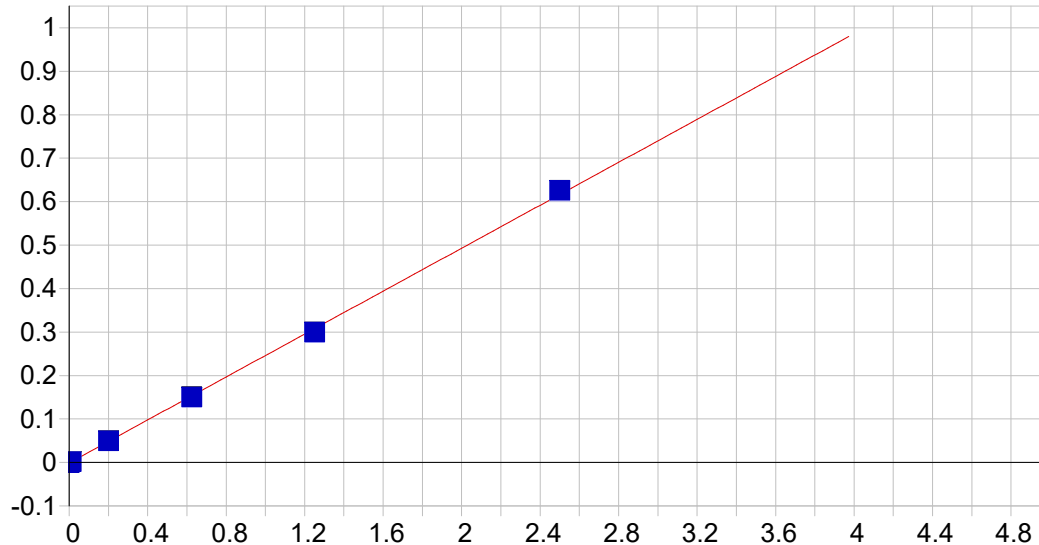


Ni 231.604 {446}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000228 Re-Slope: 1.000000
 A1 (Gain): 0.944053 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000127
 Predicted MDL: 0.000444
 Predicted MQL: 0.001480

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.04000	.03963	-.000	-.928	.03718	.000	1
S3	1.2500	1.2478	-.002	-.176	1.1778	.001	1
S4	2.5000	2.5064	.006	.254	2.3659	.003	1
S5	5.0000	5.0066	.007	.131	4.7262	.004	1
S2	.40000	.38965	-.010	-2.59	.36762	.000	1

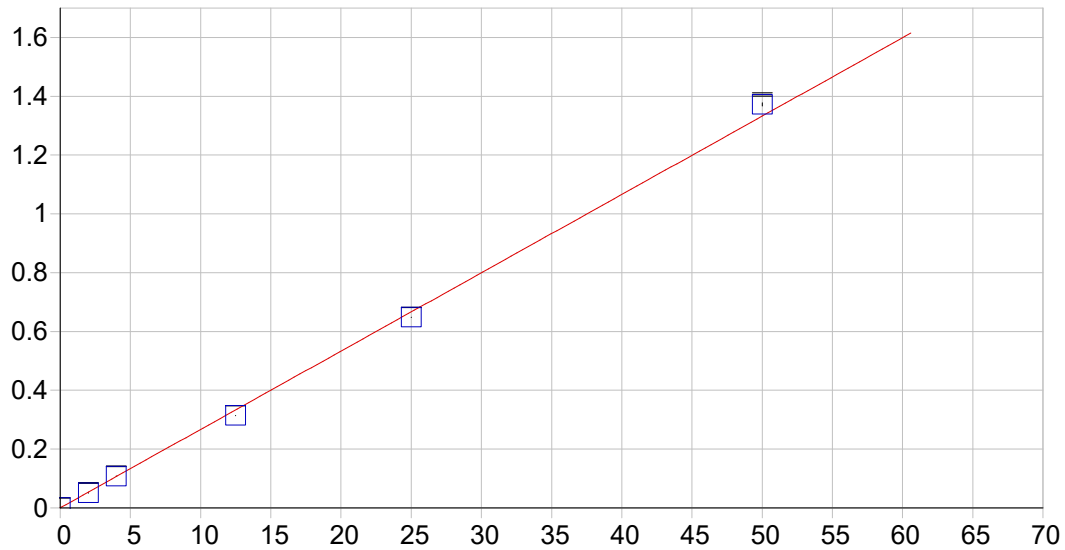


Ag 328.068 {103}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000920	Re-Slope:	1.000000
A1 (Gain):	0.246912	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999786	Status:	OK.
Std Error of Est:	0.000042		
Predicted MDL:	0.000694		
Predicted MQL:	0.002314		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00092	.000	1
S1	.01000	.01082	.001	8.22	.00174	.000	1
S3	.62500	.61241	-.013	-2.01	.14974	.000	1
S4	1.2500	1.2171	-.033	-2.63	.29848	.000	1
S5	2.5000	2.5393	.039	1.57	.62385	.000	1
S2	.20000	.20532	.005	2.66	.04960	.000	1

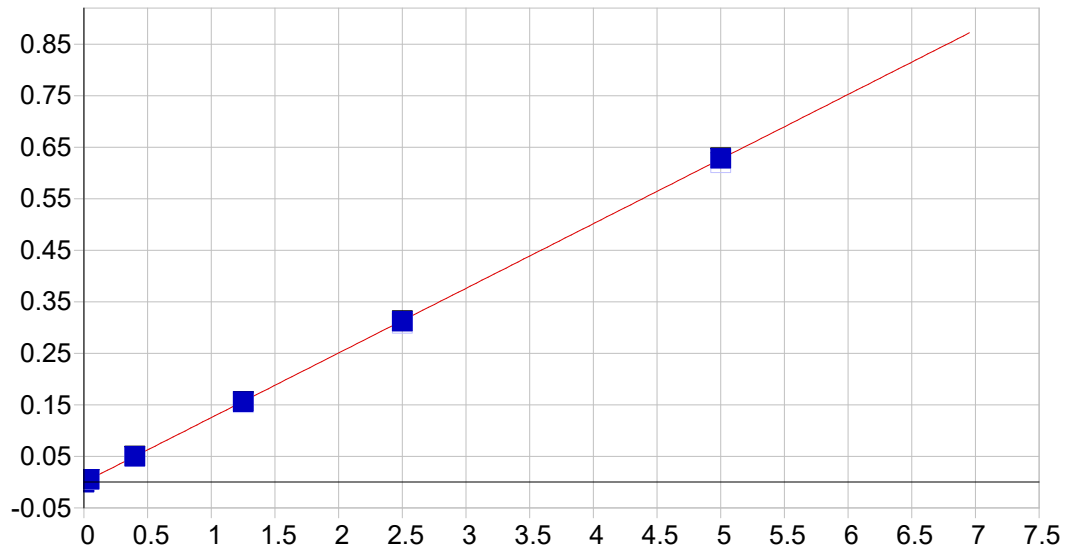


Na 589.592 { 57}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000569 Re-Slope: 1.000000
 A1 (Gain): 0.026638 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999409 Status: OK.
 Std Error of Est: 0.000485
 Predicted MDL: 0.013961
 Predicted MQL: 0.046538

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00020	.000	.000	.00057	.000	1
S2	4.0000	4.0146	.015	.364	.10751	.001	1
S3	12.500	11.771	-.729	-5.84	.31411	.000	1
S4	25.000	24.320	-.680	-2.72	.64840	.001	1
S5	50.000	51.493	1.49	2.99	1.3722	.005	1
S1	2.0000	1.9021	-.098	-4.89	.05124	.001	1

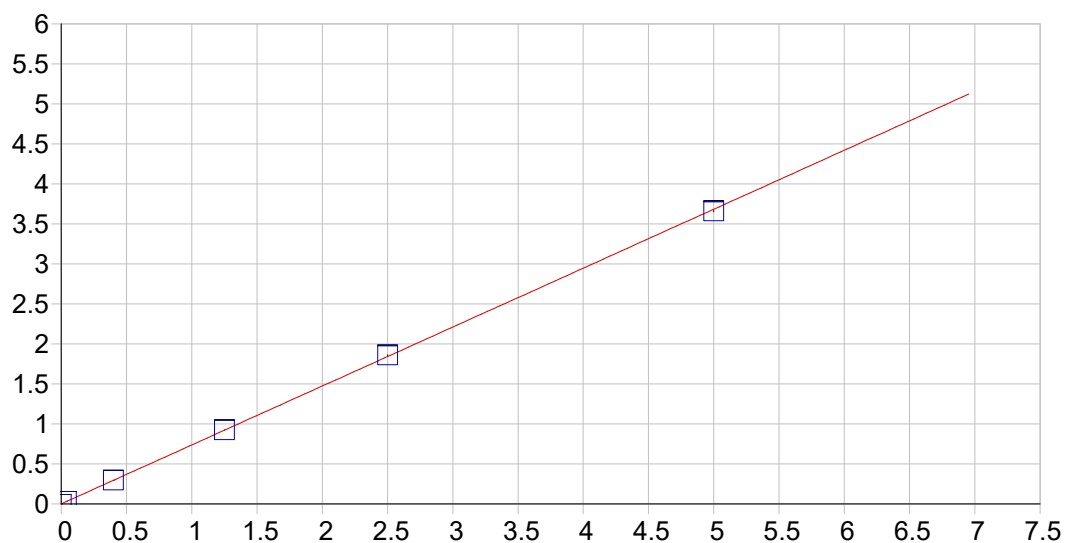


V 292.402 {115}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000163 Re-Slope: 1.000000
 A1 (Gain): 0.125429 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.003390
 Predicted MQL: 0.011300

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00016	.000	1
S1	.04000	.04166	.002	4.16	.00488	.000	1
S3	1.2500	1.2469	-.003	-.247	.15395	.000	1
S4	2.5000	2.4905	-.010	-.382	.30764	.001	1
S5	5.0000	5.0111	.011	.221	.61923	.001	1
S2	.40000	.39994	-.000	-.015	.04927	.000	1

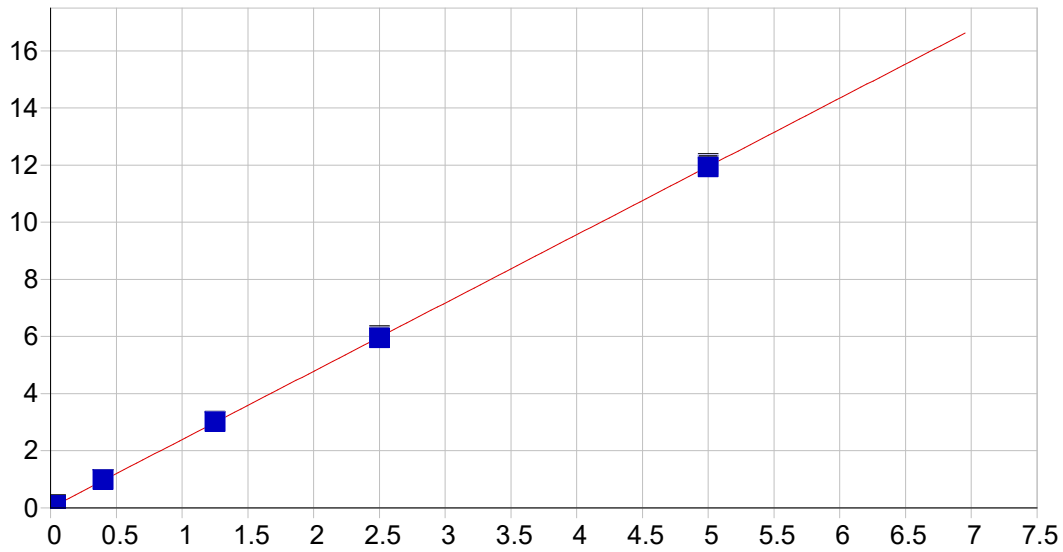


Zn 206.200 {464}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000311	Re-Slope:	1.000000
A1 (Gain):	0.736698	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999971	Status:	OK.
Std Error of Est:	0.000131		
Predicted MDL:	0.000353		
Predicted MQL:	0.001177		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00031	.000	1
S1	.04000	.04160	.002	3.99	.03095	.000	1
S3	1.2500	1.2564	.006	.509	.92587	.001	1
S4	2.5000	2.5228	.023	.913	1.8589	.006	1
S5	5.0000	4.9673	-.033	-.654	3.6597	.007	1
S2	.40000	.40189	.002	.473	.29638	.000	1

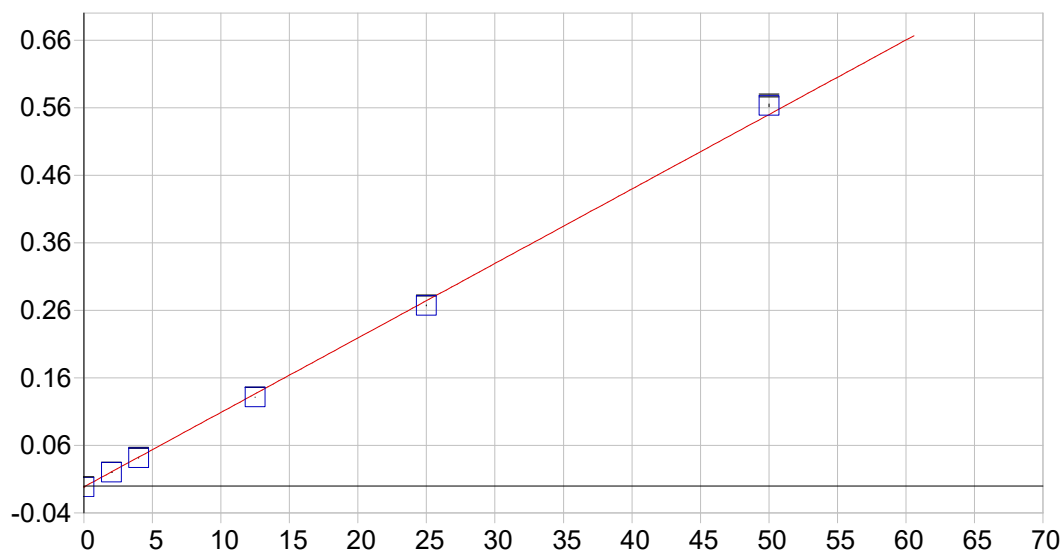


Zn 213.856 {158}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002810	Re-Slope:	1.000000
A1 (Gain):	2.390421	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999966	Status:	OK.
Std Error of Est:	0.000466		
Predicted MDL:	0.000347		
Predicted MQL:	0.001158		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00280	.001	1
S1	.04000	.04294	.003	7.34	.10611	.000	1
S3	1.2500	1.2586	.009	.689	3.0322	.006	1
S4	2.5000	2.4864	-.014	-.545	5.9879	.038	1
S5	5.0000	4.9917	-.008	-.166	12.018	.036	1
S2	.40000	.41038	.010	2.60	.99045	.002	1

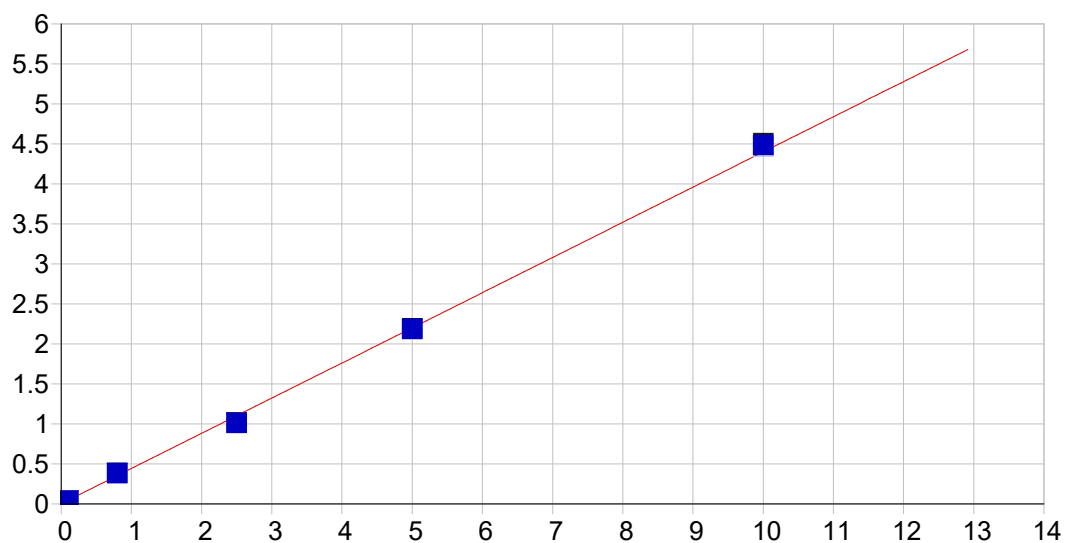


K 766.490 { 44}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001453 Re-Slope: 1.000000
 A1 (Gain): 0.011028 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999648 Status: OK.
 Std Error of Est: 0.000155
 Predicted MDL: 0.039176
 Predicted MQL: 0.130586

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00016	.000	.000	-.00145	.000	1
S2	4.0000	3.9110	-.089	-2.22	.04168	.001	1
S3	12.500	12.040	-.460	-3.68	.13132	.000	1
S4	25.000	24.370	-.630	-2.52	.26729	.001	1
S5	50.000	51.224	1.22	2.45	.56343	.002	1
S1	2.0000	1.9549	-.045	-2.25	.02011	.000	1

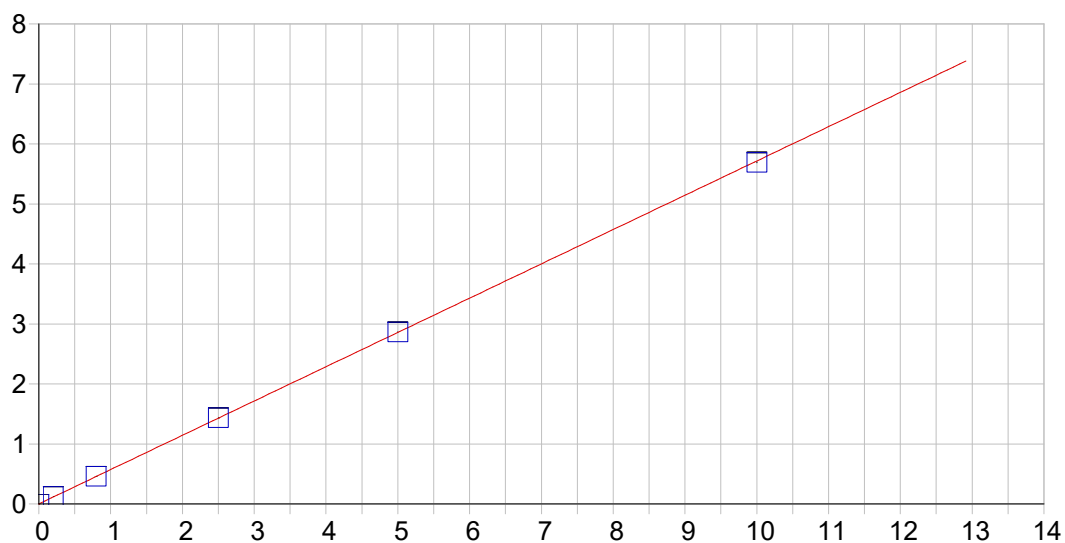


B 249.678 {135}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003143 Re-Slope: 1.000000
 A1 (Gain): 0.439593 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999199 Status: OK.
 Std Error of Est: 0.000920
 Predicted MDL: 0.001090
 Predicted MQL: 0.003634

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00315	.000	1
S1	.10000	.08311	-.017	-16.9	.03940	.000	1
S3	2.5000	2.2926	-.207	-8.30	1.0064	.003	1
S4	5.0000	4.9666	-.033	-.667	2.1774	.005	1
S5	10.000	10.193	.193	1.93	4.4658	.025	1
S2	.80000	.86478	.065	8.10	.38185	.002	1

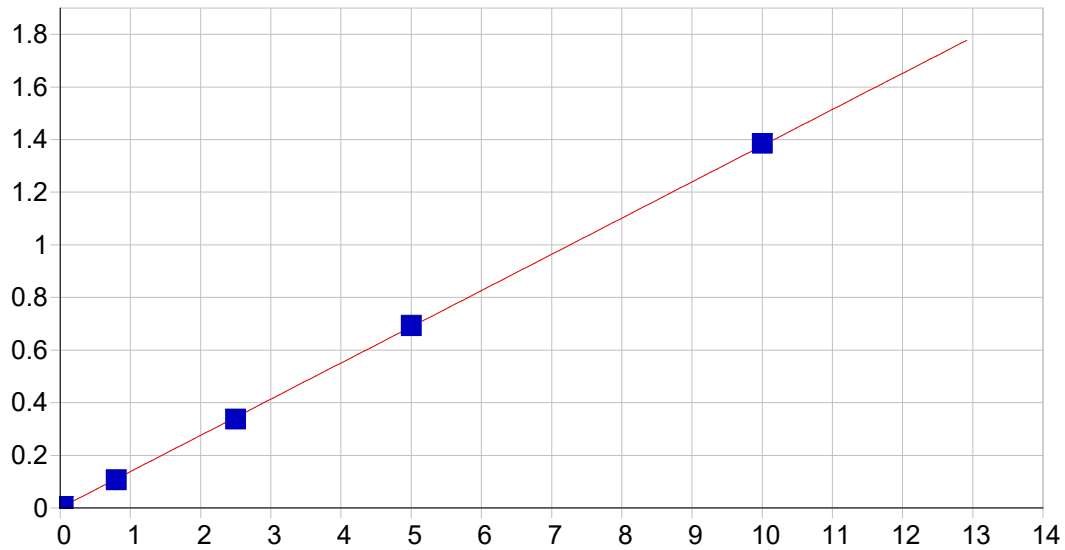


Mo 202.030 {467}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000305 Re-Slope: 1.000000
 A1 (Gain): 0.571536 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000419
 Predicted MDL: 0.000461
 Predicted MQL: 0.001538

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00029	.000	1
S1	.20000	.21762	.018	8.81	.12468	.000	1
S3	2.5000	2.5096	.010	.384	1.4346	.002	1
S4	5.0000	5.0103	.010	.207	2.8639	.006	1
S5	10.000	9.9591	-.041	-.409	5.6923	.008	1
S2	.80000	.80330	.003	.413	.45942	.002	1

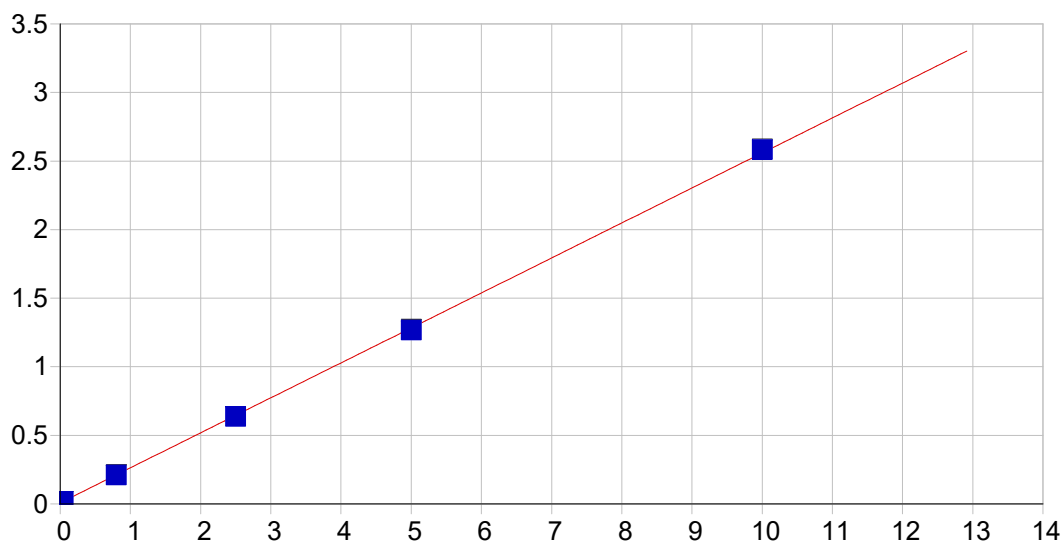


Sn 189.989 {478}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000307 Re-Slope: 1.000000
 A1 (Gain): 0.137638 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.001331
 Predicted MQL: 0.004438

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00031	.000	1
S1	.04000	.03776	-.002	-5.61	.00550	.000	1
S3	2.5000	2.4450	-.055	-2.20	.33648	.001	1
S4	5.0000	5.0243	.024	.485	.69113	.002	1
S5	10.000	10.064	.064	.640	1.3841	.000	1
S2	.80000	.76890	-.031	-3.89	.10602	.000	1

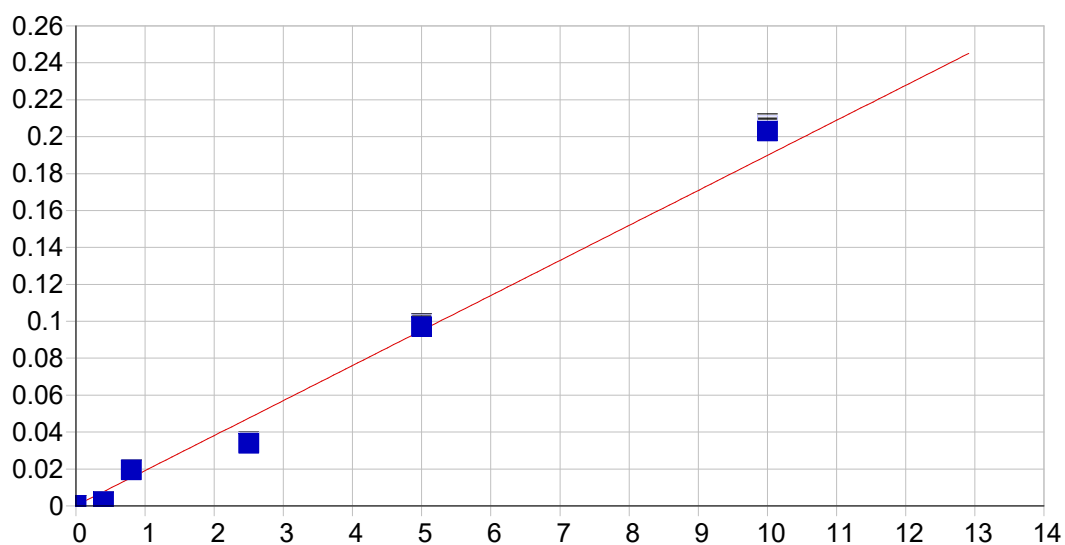


Ti 336.121 {100}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007943 Re-Slope: 1.000000
 A1 (Gain): 0.255074 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000097
 Predicted MDL: 0.001973
 Predicted MQL: 0.006576

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00794	.000	1
S1	.04000	.04222	.002	5.56	.01871	.000	1
S3	2.5000	2.4655	-.035	-1.38	.63659	.001	1
S4	5.0000	4.9360	-.064	-1.28	1.2665	.006	1
S5	10.000	10.100	.100	.998	2.5832	.003	1
S2	.80000	.79655	-.003	-.432	.21105	.001	1

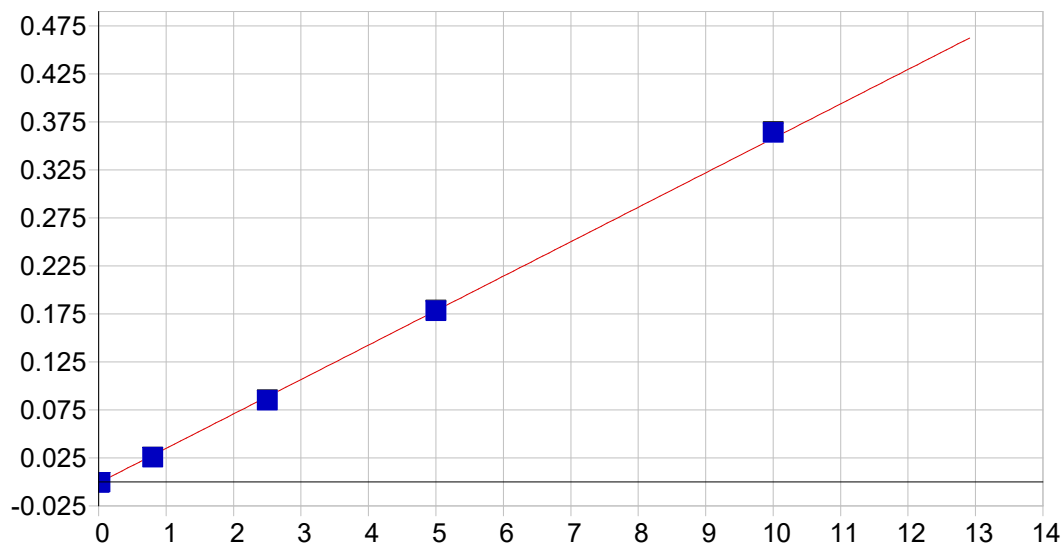


Si 288.158 {117}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000149 Re-Slope: 1.000000
 A1 (Gain): 0.018972 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.986616 Status: OK.
 Std Error of Est: 0.000337
 Predicted MDL: 0.004365
 Predicted MQL: 0.014551

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00026	.000	.000	.00015	.000	1
S1	.40000	.11127	-.289	-72.2	.00227	.000	1
S3	2.5000	1.7743	-.726	-29.0	.03453	.000	1
S4	5.0000	5.1072	.107	2.14	.09849	.000	1
S5	10.000	10.690	.690	6.90	.20585	.001	1
S2	.80000	1.0130	.213	26.6	.01960	.000	1

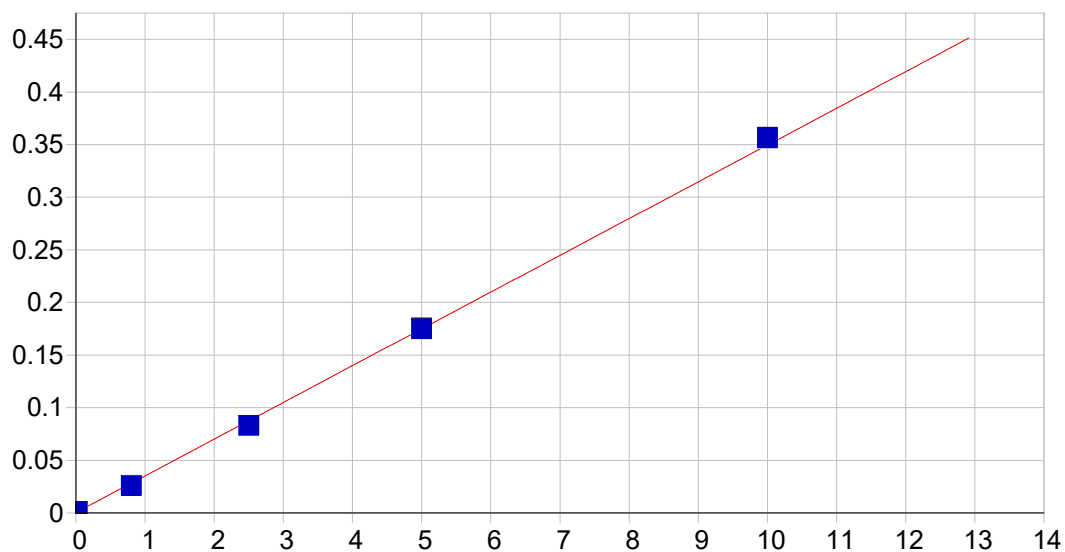


P 177.495 {490}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001029 Re-Slope: 1.000000
 A1 (Gain): 0.035888 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999691 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.004836
 Predicted MQL: 0.016121

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00103	.000	1
S1	.02000	.01966	-.000	-1.71	-.00032	.000	1
S3	2.5000	2.3989	-.101	-4.04	.08505	.000	1
S4	5.0000	4.9935	-.006	-.129	.17815	.001	1
S5	10.000	10.167	.167	1.67	.36380	.001	1
S2	.80000	.74052	-.059	-7.44	.02554	.000	1

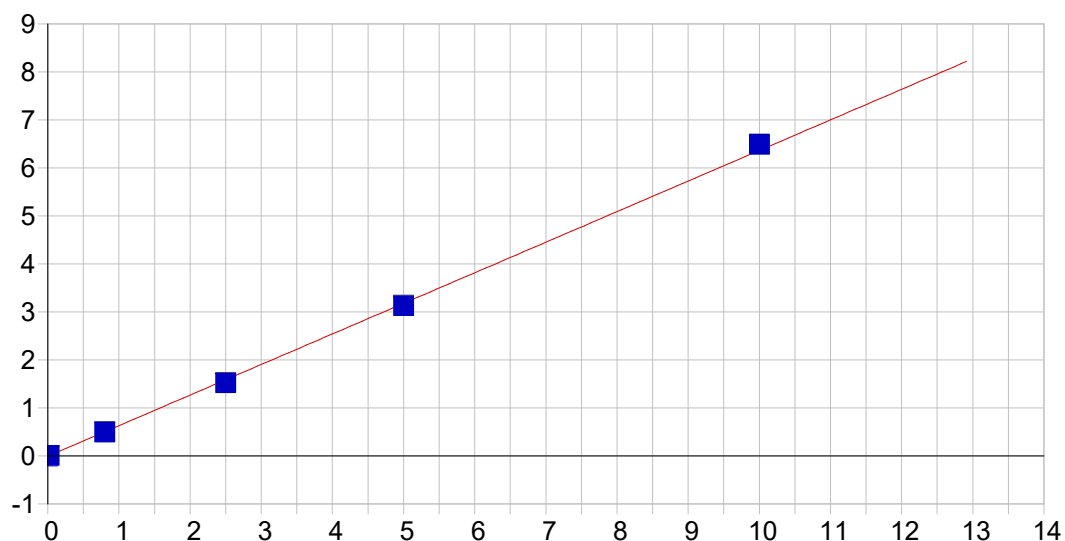


S 182.034 {485}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000290	Re-Slope:	1.000000
A1 (Gain):	0.034923	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999531	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	0.005177		
Predicted MQL:	0.017257		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00029	.000	1
S1	.02000	.02321	.003	16.1	.00107	.000	1
S3	2.5000	2.3669	-.133	-5.33	.08272	.000	1
S4	5.0000	4.9993	-.001	-.015	.17442	.001	1
S5	10.000	10.198	.198	1.98	.35551	.001	1
S2	.80000	.73308	-.067	-8.36	.02582	.000	1

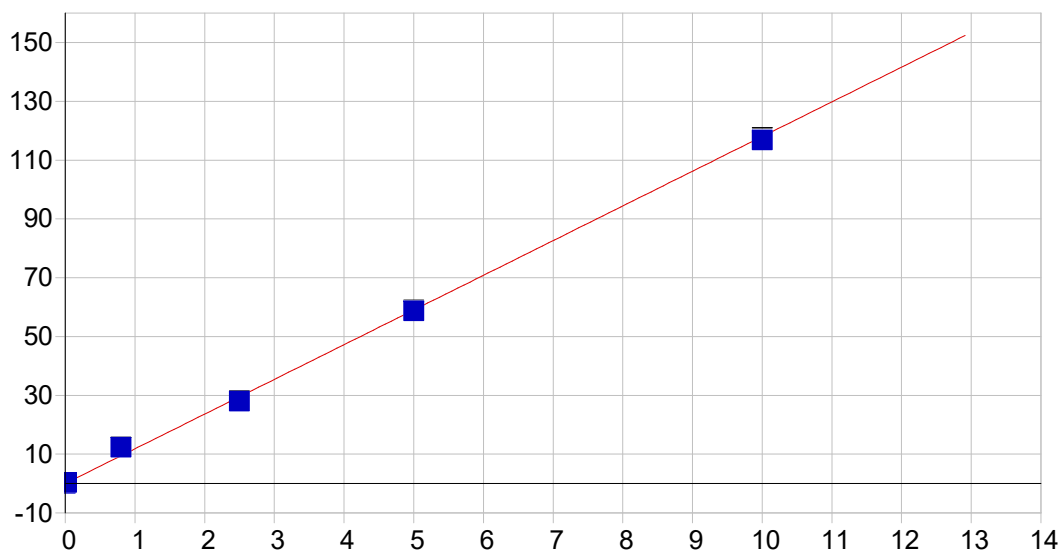


Li 670.784 { 50}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007052 Re-Slope: 1.000000
 A1 (Gain): 0.637018 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999729 Status: OK.
 Std Error of Est: 0.000348
 Predicted MDL: 0.003447
 Predicted MQL: 0.011490

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00705	.002	1
S5	10.000	10.199	.199	1.99	6.4924	.004	1
S4	5.0000	4.9221	-.078	-1.56	3.1297	.007	1
S3	2.5000	2.3956	-.104	-4.18	1.5197	.003	1
S1	.02000	.01838	-.002	-8.10	.00476	.002	1
S2	.80000	.78521	-.015	-1.85	.49336	.004	1

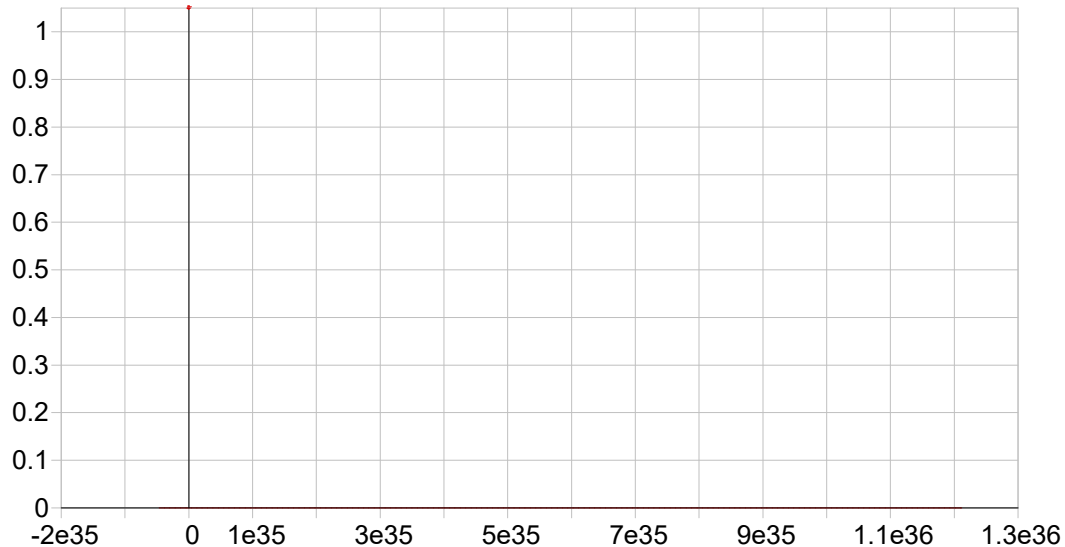


Sr 407.771 { 83}

Date of Fit: 12/26/2023 13:15:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000072 Re-Slope: 1.000000
 A1 (Gain): 11.801994 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997698 Status: OK.
 Std Error of Est: 0.018815
 Predicted MDL: 0.000104
 Predicted MQL: 0.000347

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00007	.000	1
S1	.02000	.02748	.007	37.4	.32554	.002	1
S3	2.5000	2.3726	-.127	-5.10	28.031	.039	1
S4	5.0000	4.9755	-.025	-.491	58.779	.203	1
S5	10.000	9.9005	-.100	-.995	116.96	.679	1
S2	.80000	1.0440	.244	30.5	12.330	.035	1

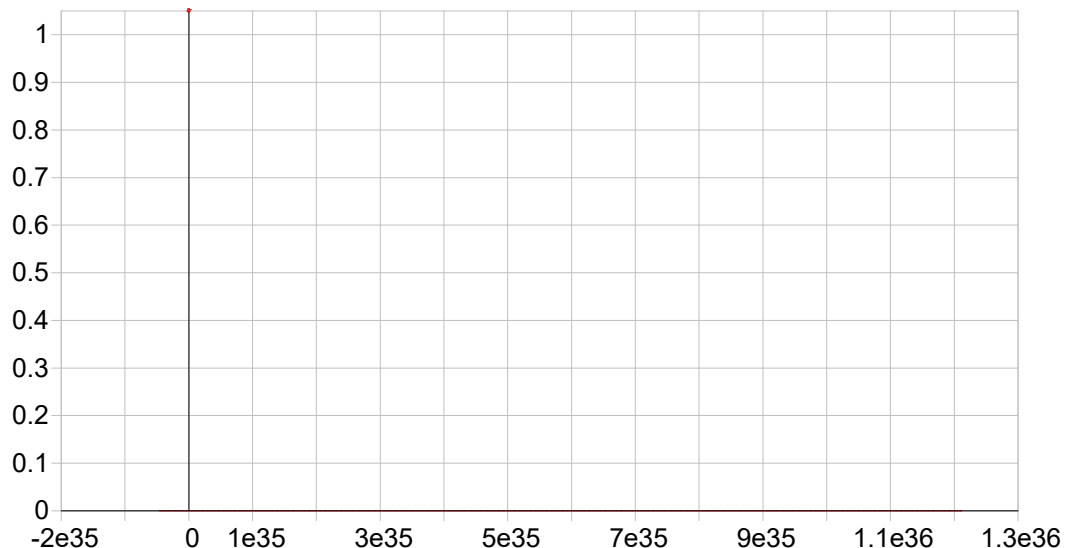


Y 224.306 {450}*

Date of Fit: 12/26/2023 13:15:10 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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Y 360.073 { 94}*

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





Y 224.306 {150}*

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

In 230.606 {446}*

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

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

Sample Name: S0 Acquired: 12/26/2023 12:47:18 Type: Cal
Method: NON EPA-6010-200.7(v2107) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00009	.00030	-.00010	.00007	.00056	.00066	.16282	.00216
Stddev	.00006	.00006	.00032	.00011	.00047	.00058	.00366	.00030
%RSD	67.498	19.722	317.95	145.34	82.784	87.715	2.2507	13.896

#1	-.00007	.00024	-.00012	.00008	.00098	.00130	.16317	.00181
#2	-.00016	.00030	.00023	.00018	.00065	.00019	.15900	.00237
#3	-.00004	.00036	-.00042	-.00004	.00006	.00047	.16630	.00229

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00049	.00088	-.00004	.00099	-.00091	-.00000	.00002	-.00025
Stddev	.00024	.00046	.00006	.00027	.00035	.00001	.00031	.00010
%RSD	50.057	52.402	138.04	27.699	38.558	974.27	1691.1	40.344

#1	.00038	.00056	-.00004	.00078	-.00128	-.00001	.00004	-.00015
#2	.00031	.00066	.00001	.00130	-.00058	-.00001	.00032	-.00024
#3	.00076	.00140	-.00010	.00089	-.00088	.00001	-.00031	-.00035

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00023	-.00092	.00057	-.00016	.00280	-.00145	.00315	.00029
Stddev	.00017	.00008	.00033	.00009	.00058	.00027	.00016	.00004
%RSD	75.480	8.4743	58.360	57.781	20.579	18.419	5.0654	14.172

#1	-.00008	-.00093	.00081	-.00013	.00307	-.00115	.00322	.00034
#2	-.00042	-.00084	.00019	-.00009	.00214	-.00167	.00297	.00027
#3	-.00018	-.00099	.00072	-.00027	.00320	-.00153	.00326	.00027

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00031	.00794	.00015	-.00103	.00029	-.00705	-.00007	
Stddev	.00005	.00049	.00003	.00011	.00015	.00196	.00049	
%RSD	16.868	6.1394	20.908	10.612	51.741	27.830	678.17	

#1	.00031	.00815	.00018	-.00091	.00046	-.00899	.00049	
#2	.00026	.00739	.00016	-.00112	.00021	-.00709	-.00038	
#3	.00036	.00829	.00012	-.00106	.00020	-.00507	-.00033	

Sample Name: S0 Acquired: 12/26/2023 12:47:18 Type: Cal
Method: NON EPA-6010-200.7(v2107) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2364.7	39351.	6788.0	2153.5	2500.4
Stddev	8.0	246.	18.7	14.4	9.3
%RSD	.33931	.62581	.27493	.66948	.37371
#1	2357.2	39153.	6769.7	2141.5	2489.6
#2	2363.7	39274.	6807.0	2149.4	2505.7
#3	2373.1	39627.	6787.1	2169.5	2505.9

Sample Name: S1 Acquired: 12/26/2023 12:51:17 Type: Cal
Method: NON EPA-6010-200.7(v2107) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00052	.00187	.00297	.00056	.00499	.00993	.29542	.03258
Stddev	.00018	.00006	.00041	.00010	.00017	.00061	.00104	.00035
%RSD	34.275	3.0234	13.947	17.197	3.3934	6.1650	.35191	1.0695

#1	.00072	.00193	.00344	.00062	.00480	.00923	.29424	.03295
#2	.00041	.00187	.00274	.00045	.00505	.01031	.29618	.03226
#3	.00042	.00182	.00271	.00062	.00513	.01026	.29585	.03252

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02465	.11786	.00237	.03656	.01666	.00053	.01316	.02919
Stddev	.00029	.00166	.00021	.00046	.00033	.00001	.00040	.00007
%RSD	1.1958	1.4108	8.9641	1.2551	1.9560	2.5544	3.0642	.23958

#1	.02432	.11595	.00214	.03707	.01660	.00055	.01328	.02911
#2	.02487	.11890	.00241	.03619	.01637	.00053	.01271	.02919
#3	.02478	.11874	.00256	.03641	.01702	.00052	.01349	.02925

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03718	.00174	.05124	.00488	.10611	.02011	.03940	.12468
Stddev	.00027	.00019	.00079	.00015	.00037	.00014	.00014	.00037
%RSD	.73788	10.881	1.5502	3.0994	.35271	.71662	.35553	.29694

#1	.03745	.00156	.05195	.00503	.10580	.02006	.03938	.12428
#2	.03690	.00172	.05138	.00487	.10601	.02027	.03926	.12502
#3	.03720	.00193	.05038	.00472	.10653	.01999	.03954	.12475

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00550	.01871	.00227	-.00032	.00107	.00476	.32554	
Stddev	.00018	.00025	.00014	.00009	.00011	.00158	.00174	
%RSD	3.3121	1.3310	6.0415	28.702	9.9480	33.099	.53488	

#1	.00529	.01864	.00242	-.00041	.00103	.00373	.32366	
#2	.00557	.01898	.00215	-.00023	.00119	.00398	.32587	
#3	.00564	.01850	.00225	-.00033	.00099	.00658	.32710	

Sample Name: S1 Acquired: 12/26/2023 12:51:17 Type: Cal
Method: NON EPA-6010-200.7(v2107) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2411.9	38885.	6593.2	2156.9	2518.5
Stddev	9.1	148.	10.7	14.3	9.0
%RSD	.37640	.38066	.16286	.66126	.35863
#1	2402.7	38833.	6595.2	2141.9	2508.7
#2	2412.3	38770.	6602.7	2158.3	2520.5
#3	2420.8	39052.	6581.5	2170.4	2526.4

Sample Name: S2 Acquired: 12/26/2023 12:55:17 Type: Cal
Method: NON EPA-6010-200.7(v2107) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02520	.03594	.20125	.02481	.07339	.16007	2.2686	.19217
Stddev	.00018	.00073	.00054	.00003	.00019	.00127	.0047	.00087
%RSD	.71610	2.0442	.26649	.12708	.25272	.79357	.20699	.45284

#1	.02502	.03629	.20163	.02484	.07356	.16150	2.2637	.19306
#2	.02539	.03643	.20063	.02478	.07340	.15908	2.2730	.19132
#3	.02520	.03509	.20147	.02481	.07319	.15961	2.2692	.19211

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.4774	.22420	.03994	.47501	.16354	.00439	.25169	.05267
Stddev	.0017	.00104	.00010	.00037	.00075	.00006	.00126	.00049
%RSD	.11558	.46165	.26230	.07840	.45765	1.2931	.50109	.93595

#1	1.4793	.22316	.03983	.47543	.16392	.00432	.25027	.05241
#2	1.4766	.22523	.04003	.47472	.16403	.00440	.25213	.05236
#3	1.4762	.22422	.03997	.47488	.16268	.00443	.25268	.05324

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.36762	.04960	.10751	.04927	.99045	.04168	.38185	.45942
Stddev	.00034	.00017	.00101	.00033	.00156	.00062	.00161	.00151
%RSD	.09222	.33473	.93842	.66313	.15721	1.4858	.42081	.32916

#1	.36797	.04961	.10657	.04957	.98869	.04156	.38366	.45823
#2	.36760	.04943	.10858	.04932	.99100	.04235	.38059	.46112
#3	.36729	.04976	.10738	.04892	.99165	.04112	.38130	.45891

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.10602	.21105	.01960	.02554	.02582	.49336	12.330
Stddev	.00001	.00075	.00013	.00018	.00039	.00385	.035
%RSD	.01125	.35637	.65909	.72383	1.5250	.78108	.28419

#1	.10604	.21024	.01945	.02533	.02564	.49074	12.295
#2	.10602	.21117	.01966	.02567	.02627	.49778	12.365
#3	.10601	.21173	.01969	.02563	.02554	.49155	12.331

Sample Name: S2 Acquired: 12/26/2023 12:55:17 Type: Cal
Method: NON EPA-6010-200.7(v2107) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2393.0	38771.	6933.2	2157.2	2451.2
Stddev	4.8	63.	13.8	7.9	6.1
%RSD	.20126	.16206	.19870	.36545	.24719
#1	2387.8	38824.	6927.7	2165.2	2444.4
#2	2394.2	38701.	6948.8	2156.8	2456.0
#3	2397.2	38786.	6923.0	2149.5	2453.2

Sample Name: S3 Acquired: 12/26/2023 12:59:05 Type: Cal
Method: NON EPA-6010-200.7(v2107) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.08051	.11387	.63200	.07674	.22972	.47941	6.9110	.59399
Stddev	.00048	.00083	.00030	.00035	.00053	.00062	.0182	.00189
%RSD	.59709	.72541	.04815	.45011	.23063	.12836	.26348	.31829

#1	.08089	.11305	.63231	.07685	.23018	.47924	6.9319	.59424
#2	.08066	.11470	.63198	.07702	.22984	.48010	6.9020	.59575
#3	.07997	.11385	.63170	.07636	.22914	.47890	6.8990	.59199

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.6559	.69812	.12715	1.5133	.50676	.01393	.78083	.16373
Stddev	.0059	.00224	.00013	.0015	.00104	.00003	.00084	.00069
%RSD	.12752	.32066	.09982	.10083	.20530	.24477	.10799	.42380

#1	4.6492	.70003	.12729	1.5117	.50601	.01394	.77987	.16412
#2	4.6581	.69868	.12704	1.5135	.50795	.01390	.78120	.16293
#3	4.6605	.69566	.12711	1.5147	.50632	.01396	.78143	.16414

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1778	.14974	.31411	.15395	3.0322	.13132	1.0064	1.4346
Stddev	.0009	.00028	.00029	.00024	.0060	.00031	.0032	.0020
%RSD	.07430	.18417	.09142	.15875	.19813	.23286	.31704	.14237

#1	1.1772	.14975	.31438	.15374	3.0384	.13124	1.0067	1.4323
#2	1.1773	.14945	.31381	.15422	3.0319	.13106	1.0095	1.4360
#3	1.1788	.15000	.31415	.15389	3.0264	.13166	1.0031	1.4356

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.33648	.63659	.03453	.08505	.08272	1.5197	28.031	
Stddev	.00060	.00050	.00011	.00032	.00021	.0028	.039	
%RSD	.17710	.07930	.30923	.38062	.25236	.18553	.13898	

#1	.33656	.63706	.03457	.08478	.08289	1.5173	28.053	
#2	.33585	.63665	.03441	.08541	.08279	1.5228	28.054	
#3	.33704	.63606	.03462	.08497	.08249	1.5189	27.986	

Sample Name: S3 Acquired: 12/26/2023 12:59:05 Type: Cal
Method: NON EPA-6010-200.7(v2107) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2351.3	39411.	6878.1	2162.4	2340.4
Stddev	6.4	153.	24.9	5.5	4.4
%RSD	.27353	.38945	.36154	.25489	.18747
#1	2345.3	39248.	6849.5	2156.3	2335.4
#2	2350.3	39553.	6891.5	2167.0	2342.3
#3	2358.1	39431.	6893.5	2163.8	2343.6

Sample Name: S4 Acquired: 12/26/2023 13:02:49 Type: Cal
Method: NON EPA-6010-200.7(v2107) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.16275	.22673	1.2876	.15524	.46569	.97127	13.813	1.1589
Stddev	.00065	.00451	.0017	.00064	.00191	.00151	.052	.0036
%RSD	.39669	1.9909	.13312	.41266	.40965	.15530	.37868	.30747

#1	.16322	.22927	1.2868	.15588	.46648	.97005	13.798	1.1552
#2	.16302	.22940	1.2896	.15459	.46708	.97080	13.769	1.1593
#3	.16201	.22152	1.2864	.15525	.46352	.97296	13.871	1.1623

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.5117	1.3894	.24487	3.0577	1.0101	.02743	1.5425	.32504
Stddev	.0165	.0044	.00053	.0034	.0015	.00010	.0023	.00080
%RSD	.17343	.31344	.21536	.11087	.14782	.34766	.14738	.24708

#1	9.5181	1.3867	.24436	3.0605	1.0098	.02751	1.5409	.32469
#2	9.5240	1.3872	.24541	3.0585	1.0118	.02746	1.5414	.32446
#3	9.4929	1.3945	.24483	3.0539	1.0088	.02732	1.5451	.32595

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.3659	.29848	.64840	.30764	5.9879	.26729	2.1774	2.8639
Stddev	.0025	.00026	.00076	.00079	.0378	.00080	.0047	.0059
%RSD	.10658	.08660	.11694	.25831	.63118	.29990	.21387	.20548

#1	2.3661	.29872	.64752	.30791	6.0123	.26681	2.1773	2.8685
#2	2.3683	.29852	.64887	.30674	6.0070	.26821	2.1728	2.8659
#3	2.3633	.29821	.64880	.30826	5.9443	.26684	2.1821	2.8573

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.69113	1.2665	.09849	.17815	.17442	3.1297	58.779
Stddev	.00212	.0061	.00030	.00067	.00082	.0072	.203
%RSD	.30714	.47977	.30543	.37408	.46979	.23076	.34452

#1	.69074	1.2652	.09814	.17746	.17522	3.1259	58.649
#2	.69342	1.2612	.09860	.17880	.17447	3.1253	58.677
#3	.68923	1.2731	.09871	.17820	.17358	3.1381	59.013

Sample Name: S4 Acquired: 12/26/2023 13:02:49 Type: Cal
Method: NON EPA-6010-200.7(v2107) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2278.7	38842.	6877.2	2119.4	2213.6
Stddev	8.8	68.	3.7	16.5	8.0
%RSD	.38602	.17542	.05355	.77954	.35957
#1	2269.9	38845.	6881.4	2108.9	2206.4
#2	2278.8	38773.	6875.5	2110.9	2212.2
#3	2287.5	38909.	6874.6	2138.5	2222.1

Sample Name: S5 Acquired: 12/26/2023 13:06:39 Type: Cal
Method: NON EPA-6010-200.7(v2107) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.32465	.44622	2.5564	.30843	.93195	1.9547	26.803	2.3579
Stddev	.00037	.00752	.0031	.00001	.00121	.0038	.033	.0095
%RSD	.11293	1.6845	.12024	.00293	.12977	.19343	.12136	.40059

#1	.32484	.45077	2.5530	.30844	.93314	1.9578	26.771	2.3685
#2	.32423	.43754	2.5573	.30842	.93200	1.9505	26.836	2.3505
#3	.32488	.45035	2.5589	.30842	.93072	1.9558	26.802	2.3546

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	19.057	2.7640	.49140	6.1407	1.9900	.05720	3.0794	.65245
Stddev	.006	.0009	.00031	.0040	.0042	.00040	.0032	.00065
%RSD	.03388	.03233	.06408	.06445	.20935	.70227	.10409	.10022

#1	19.052	2.7636	.49162	6.1393	1.9910	.05674	3.0813	.65177
#2	19.064	2.7634	.49155	6.1452	1.9935	.05744	3.0757	.65251
#3	19.054	2.7650	.49104	6.1377	1.9854	.05743	3.0812	.65308

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.7262	.62385	1.3722	.61923	12.018	.56343	4.4658	5.6923
Stddev	.0038	.00013	.0051	.00093	.036	.00209	.0250	.0082
%RSD	.07966	.02091	.37339	.15028	.30342	.37151	.55887	.14387

#1	4.7220	.62379	1.3664	.62028	11.990	.56120	4.4913	5.7010
#2	4.7274	.62375	1.3761	.61889	12.005	.56536	4.4415	5.6913
#3	4.7293	.62400	1.3742	.61851	12.059	.56373	4.4645	5.6847

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.3841	2.5832	.20585	.36380	.35551	6.4924	116.96	
Stddev	.0003	.0028	.00119	.00068	.00059	.0040	.68	
%RSD	.02055	.10955	.57883	.18780	.16479	.06094	.58087	

#1	1.3844	2.5825	.20451	.36409	.35533	6.4932	116.86	
#2	1.3838	2.5808	.20629	.36302	.35504	6.4881	116.34	
#3	1.3840	2.5863	.20677	.36430	.35617	6.4959	117.69	

Sample Name: S5 Acquired: 12/26/2023 13:06:39 Type: Cal
Method: NON EPA-6010-200.7(v2107) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2223.7	36402.	6621.0	2009.8	2125.6
Stddev	8.5	29.	27.8	2.9	5.5
%RSD	.38091	.07975	.41994	.14428	.25735
#1	2219.0	36419.	6590.4	2012.3	2123.2
#2	2218.6	36369.	6644.7	2010.5	2121.8
#3	2233.5	36419.	6627.8	2006.6	2131.9

Sample Name: ICV01 Acquired: 12/26/2023 13:21:47 Type: Unk
Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.058413	1.060710	1.028760	1.071376	.9936140	2.415077
Stddev	.004641	.001801	.004428	.005765	.0044732	.004617
%RSD	.4385050	.1698199	.4304466	.5381092	.4501941	.1911605

#1	1.053469	1.062555	1.023951	1.077075	.9976541	2.409785
#2	1.059092	1.058955	1.029659	1.065547	.9943810	2.417172
#3	1.062677	1.060619	1.032669	1.071505	.9888069	2.418275

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5177018	.5069346	.5107159	9.985874	.5102475	.4990152
Stddev	.0013689	.0003963	.0015091	.026846	.0009748	.0008961
%RSD	.2644164	.0781730	.2954772	.2688403	.1910345	.1795733

#1	.5192709	.5070619	.5089741	10.01068	.5092025	.4980276
#2	.5167523	.5072517	.5115446	9.95737	.5104080	.4992414
#3	.5170821	.5064903	.5116290	9.98958	.5111321	.4997765

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5217348	9.891590	.5169290	6.560521	.5032320	.2488813
Stddev	.0005126	.048568	.0019281	.039583	.0006452	.0005402
%RSD	.0982422	.4910036	.3729940	.6033589	.1282026	.2170452

#1	.5222756	9.835508	.5151843	6.570357	.5029215	.2486959
#2	.5216726	9.919559	.5166035	6.516947	.5028008	.2484583
#3	.5212562	9.919701	.5189991	6.594259	.5039737	.2494898

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.294032	.4972066	F 1.187125	9.725470	F .0322887	F -.000138
Stddev	.013225	.0022445	.000878	.034585	.0007373	.000277
%RSD	.1422962	.4514143	.0739648	.3556119	2.283356	200.4559

#1	9.278961	.4989321	1.186122	9.689020	.0324217	-.000376
#2	9.303698	.4980185	1.187500	9.729562	.0329504	-.000206
#3	9.299438	.4946691	1.187754	9.757826	.0314940	.000166

Sample Name: ICV01 Acquired: 12/26/2023 13:21:47 Type: Unk
Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.001109	F .0050264	F -.012151	F .0027973	F .0023490	F .0014385
Stddev	.000722	.0006972	.005962	.0032786	.0005377	.0014955
%RSD	65.07990	13.87067	49.06259	117.2032	22.88959	103.9588

#1	-.000344	.0058132	-.019018	.0060656	.0018224	.0017626
#2	-.001205	.0044853	-.008294	.0028180	.0028971	.0027455
#3	-.001778	.0047808	-.009142	-.000491	.0023276	-.000192

Elem	Sr4077
Units	ppm
Avg	F -.008135
Stddev	.000067
%RSD	.8258353

#1	-.008066
#2	-.008138
#3	-.008200

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2293.910	37631.46	6786.988	2099.199	2326.570
Stddev	2.716	103.10	16.646	5.408	2.886
%RSD	.1184002	.2739723	.2452622	.2576434	.1240283

#1	2293.106	37530.81	6771.906	2097.260	2328.849
#2	2291.686	37626.72	6784.209	2095.028	2323.325
#3	2296.937	37736.85	6804.848	2105.310	2327.536

Sample Name: LLICV01 Acquired: 12/26/2023 13:25:42 Type: Unk
Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198618	.0398595	.0115174	.0206428	.0521245	.1033481
Stddev	.0023088	.0012340	.0015607	.0015918	.0013272	.0030722
%RSD	11.62428	3.095945	13.55071	7.711314	2.546288	2.972691

#1	.0208211	.0387793	.0124518	.0197790	.0531902	.1068581
#2	.0215363	.0395948	.0123847	.0196697	.0506378	.1011479
#3	.0172280	.0412044	.0097157	.0224798	.0525454	.1020382

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1035155	.0063932	.0062917	2.097844	.0098557	.0292317
Stddev	.0043606	.0000581	.0000760	.006285	.0001885	.0004147
%RSD	4.212489	.9081642	1.207823	.2996044	1.912292	1.418478

#1	.1056861	.0063429	.0063259	2.093377	.0098379	.0296327
#2	.1063648	.0063800	.0062046	2.095124	.0100525	.0288046
#3	.0984956	.0064568	.0063446	2.105031	.0096768	.0292579

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221836	.1090428	.0212045	2.253328	.0395850	.0104379
Stddev	.0004573	.0107792	.0000769	.030322	.0003511	.0002592
%RSD	2.061413	9.885334	.3626622	1.345641	.8869340	2.483109

#1	.0217433	.1094298	.0212930	2.224362	.0391841	.0102062
#2	.0221512	.0980752	.0211669	2.250777	.0398378	.0107178
#3	.0226562	.1196233	.0211536	2.284844	.0397331	.0103898

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.905271	.0403658	.0425555	2.008453	.0855210	.2163399
Stddev	.008183	.0032163	.0004027	.030175	.0005209	.0006422
%RSD	.4294960	7.967893	.9463304	1.502415	.6090413	.2968500

#1	1.913729	.0384259	.0422379	2.030701	.0861218	.2170300
#2	1.904692	.0385931	.0424202	1.974106	.0852459	.2162299
#3	1.897393	.0440784	.0430085	2.020552	.0851954	.2157598

Sample Name: LLICV01 Acquired: 12/26/2023 13:25:42 Type: Unk
Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0371947	.0428866	F .1121789	.0215493	.0170150	.0201570
Stddev	.0012404	.0007719	.0016430	.0030817	.0052727	.0013768
%RSD	3.335014	1.799770	1.464654	14.30061	30.98890	6.830280

#1	.0367020	.0427839	.1122146	.0244226	.0186319	.0195431
#2	.0386058	.0437047	.1138039	.0182947	.0212899	.0191940
#3	.0362763	.0421713	.1105184	.0219306	.0111231	.0217340

Elem	Sr4077
Units	ppm
Avg	F .0281396
Stddev	.0000826
%RSD	.2935487

#1	.0280451
#2	.0281977
#3	.0281761

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2334.393	37703.14	6494.496	2113.522	2439.719
Stddev	.961	39.59	19.038	2.449	3.703
%RSD	.0411762	.1049964	.2931361	.1158708	.1517852

#1	2334.019	37662.05	6472.596	2110.920	2435.950
#2	2333.676	37741.03	6507.099	2113.863	2439.854
#3	2335.485	37706.33	6503.792	2115.782	2443.353

Sample Name: ICB01 Acquired: 12/26/2023 13:29:42 Type: Unk
Method: NON EPA-6010-200.7(v2107) 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	-.001386	.0000858	-.001002	-.002910	.0001980	.0001206	.0159959
Stddev	.003931	.0016085	.000930	.003491	.0032480	.0053599	.0029463
%RSD	283.6113	1875.018	92.80516	119.9704	1640.697	4445.081	18.41896

#1	.003143	-.001768	-.001647	-.004500	-.003269	.0048725	.0191009
#2	-.003908	.001109	.000064	.001093	.000693	-.005690	.0156475
#3	-.003394	.000917	-.001423	-.005323	.003170	.001179	.0132394

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000108	-.000031	-.012899	.0001179	-.000063	.0000193	-.001392
Stddev	.000106	.000073	.004517	.0001679	.000137	.0003505	.006238
%RSD	98.39299	233.6873	35.01512	142.4984	219.5003	1817.346	448.2615

#1	-.000212	.000033	-.008445	-.000016	-.000164	-.000363	-.002126
#2	-.000110	-.000111	-.012778	.000063	.000094	.000094	-.007230
#3	-.000001	-.000016	-.017476	.000306	-.000117	.000326	.005181

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000156	-.005541	-.000146	-.000689	.0013062	-.000979	-.000293
Stddev	.000663	.046211	.000277	.000312	.0054294	.001938	.000348
%RSD	425.9289	833.9995	189.9782	45.24563	415.6679	197.8573	118.7866

#1	.000519	.024568	-.000429	-.001016	.0033116	-.000309	.000067
#2	-.000806	-.058747	-.000134	-.000657	.0054475	-.003163	-.000319
#3	-.000180	.017556	.000125	-.000395	-.004841	.000534	-.000627

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031415	.0020888	-.000577	-.001406	.0049318	-.002890	.0009831
Stddev	.0062104	.0010701	.000751	.000688	.0021987	.002727	.0033076
%RSD	197.6889	51.23229	130.2137	48.96930	44.58273	94.34693	336.4591

#1	.0095406	.0025244	-.000680	-.000956	.0069388	-.000177	.0016190
#2	-.002861	.0028724	-.001270	-.002198	.0025817	-.005630	-.002596
#3	.002745	.0008695	.000221	-.001062	.0052750	-.002862	.003926

Sample Name: ICB01 Acquired: 12/26/2023 13:29:42 Type: Unk
 Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0028935	.0024215	.0000718
Stddev	.0017266	.0008200	.0000132
%RSD	59.67259	33.86485	18.35545

#1	.0047779	.0028875	.0000567
#2	.0025153	.0014746	.0000807
#3	.0013873	.0029024	.0000780

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2345.677	37743.85	6485.240	2110.717	2494.095
Stddev	4.090	99.93	24.455	4.507	7.264
%RSD	.1743637	.2647527	.3770919	.2135520	.2912282

#1	2343.301	37635.24	6465.148	2106.722	2486.226
#2	2343.331	37831.89	6478.103	2115.604	2495.517
#3	2350.400	37764.42	6512.470	2109.826	2500.543

Sample Name: CRI01 Acquired: 12/26/2023 13:33:43 Type: Unk
Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0173142	.0379021	.0129532	.0190987	.0503938	.0834249
Stddev	.0047313	.0025943	.0003843	.0011715	.0032058	.0092459
%RSD	27.32585	6.844745	2.966865	6.134019	6.361433	11.08287

#1	.0186301	.0408643	.0133137	.0180477	.0504215	.0727611
#2	.0212482	.0368073	.0129969	.0188866	.0471742	.0883112
#3	.0120643	.0360346	.0125488	.0203618	.0535856	.0892024

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0992718	.0060239	.0061886	2.080448	.0100639	.0293198
Stddev	.0008627	.0000761	.0000879	.026274	.0005408	.0002657
%RSD	.8690613	1.262557	1.420540	1.262904	5.373226	.9062147

#1	.1000110	.0060986	.0062124	2.050307	.0099095	.0290502
#2	.0994804	.0060267	.0060912	2.092524	.0106651	.0293277
#3	.0983238	.0059465	.0062622	2.098514	.0096171	.0295814

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222141	.1119620	.0215899	2.223865	.0392954	.0100700
Stddev	.0002669	.0098486	.0000308	.018549	.0006090	.0003872
%RSD	1.201684	8.796402	.1427450	.8340723	1.549777	3.845433

#1	.0222779	.1144119	.0215624	2.233683	.0387092	.0100399
#2	.0224435	.1011197	.0215841	2.202471	.0399248	.0096986
#3	.0219211	.1203545	.0216232	2.235440	.0392520	.0104714

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.920313	.0413197	.0419715	2.065401	.0793504	.2155776
Stddev	.022490	.0010934	.0007112	.023985	.0012477	.0010751
%RSD	1.171147	2.646081	1.694495	1.161268	1.572338	.4986982

#1	1.895774	.0417358	.0424774	2.092292	.0783172	.2160033
#2	1.925223	.0421439	.0422788	2.057694	.0807365	.2163746
#3	1.939942	.0400794	.0411583	2.046217	.0789975	.2143548

Sample Name: CRI01 Acquired: 12/26/2023 13:33:43 Type: Unk
Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0370632	.0401808	F .1156273	.0186785	.0196429	.0227979
Stddev	.0001500	.0009447	.0011759	.0024192	.0014625	.0014148
%RSD	.4046094	2.351167	1.016997	12.95158	7.445642	6.205925

#1	.0370033	.0401044	.1152695	.0159602	.0190261	.0212373
#2	.0372338	.0392767	.1169406	.0194806	.0185897	.0239967
#3	.0369524	.0411615	.1146718	.0205947	.0213128	.0231597

Elem	Sr4077
Units	ppm
Avg	F .0281162
Stddev	.0000691
%RSD	.2459141

#1	.0281953
#2	.0280673
#3	.0280859

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2348.480	38641.56	6872.457	2141.910	2461.693
Stddev	3.586	98.41	26.861	1.572	1.330
%RSD	.1526934	.2546803	.3908509	.0733814	.0540375

#1	2344.574	38593.06	6841.537	2143.701	2460.299
#2	2349.243	38754.81	6890.038	2141.266	2461.830
#3	2351.623	38576.82	6885.795	2140.762	2462.949

Sample Name: ICSA01 Acquired: 12/26/2023 13:37:43 Type: Unk
Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013412	.0052308	-.001995	-.006765	-.000415	244.6415
Stddev	.004643	.0036933	.000656	.001025	.000627	8.4044
%RSD	34.61521	70.60708	32.90289	15.14573	150.9329	3.435376

#1	-.014206	.0091439	-.002717	-.007343	.000074	247.3951
#2	-.017606	.0047427	-.001434	-.005582	-.000197	235.2057
#3	-.008424	.0018058	-.001834	-.007371	-.001122	251.3236

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110063	.0004750	.0002704	246.1919	.0552761	.0007232
Stddev	.0024338	.0000612	.0001075	7.7999	.0002454	.0001372
%RSD	22.11279	12.87669	39.75150	3.168222	.4439331	18.96542

#1	.0088510	.0004569	.0001608	249.1131	.0551482	.0005736
#2	.0136458	.0005432	.0003756	237.3531	.0551210	.0007531
#3	.0105222	.0004250	.0002749	252.1096	.0555590	.0008429

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006377	95.83270	.0139091	252.2700	.0016144	-.008610
Stddev	.000241	.48543	.0004034	8.3008	.0007558	.000556
%RSD	3.777769	.5065350	2.900008	3.290446	46.81565	6.452797

#1	-.006130	95.88499	.0138528	255.2661	.0024228	-.009016
#2	-.006612	95.32324	.0135369	242.8871	.0009255	-.008836
#3	-.006390	96.28986	.0143377	258.6568	.0014948	-.007977

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0322573	.0023176	-.000510	.0100742	F .2727099	-.000204
Stddev	.0112920	.0023049	.000201	.0005760	.0004740	.000626
%RSD	35.00603	99.45476	39.29205	5.717141	.1738093	307.8289

#1	.0344902	.0049771	-.000738	.0101968	.2732482	.000009
#2	.0200156	.0009001	-.000360	.0094468	.2723550	-.000909
#3	.0422660	.0010755	-.000434	.0105790	.2725265	.000289

Sample Name: ICSA01 Acquired: 12/26/2023 13:37:43 Type: Unk
Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006706	.0008992	-.003311	-.002435	-.002825	F .0354211
Stddev	.001934	.0010860	.001465	.004891	.009157	.0009278
%RSD	28.84414	120.7780	44.23921	200.8840	324.1145	2.619347

#1	-.007314	.0014960	-.003233	-.004743	.005975	.0343523
#2	-.004541	.0015558	-.001886	.003183	-.002149	.0358924
#3	-.008264	-.000354	-.004812	-.005744	-.012302	.0360187

Elem	Sr4077
Units	ppm
Avg	F .0344963
Stddev	.0037833
%RSD	10.96728

#1	.0359393
#2	.0302038
#3	.0373457

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2101.632	34702.81	6402.419	1932.528	1969.610
Stddev	15.363	117.73	173.697	9.643	13.352
%RSD	.7310117	.3392522	2.712984	.4990045	.6779212

#1	2105.926	34661.66	6329.893	1926.595	1976.068
#2	2114.391	34611.18	6600.625	1927.334	1978.506
#3	2084.579	34835.60	6276.739	1943.655	1954.257

Sample Name: ICSAB01 Acquired: 12/26/2023 13:41:40 Type: Unk
Method: NON EPA-6010-200.7(v2107) 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	.1064116	.1065850	.0524661	.0442649	.6098621	250.0347
Stddev	.0112462	.0031180	.0047350	.0042260	.0045260	.8619
%RSD	10.56864	2.925370	9.024919	9.547161	.7421384	.3447245

#1	.0947690	.1101851	.0471159	.0486829	.6137072	249.1499
#2	.1072512	.1048171	.0561170	.0402614	.6048742	250.8717
#3	.1172145	.1047527	.0541654	.0438503	.6110049	250.0826

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4835256	.5200157	1.047551	251.1296	.5616644	.5085232
Stddev	.0045595	.0012123	.000178	.7069	.0010233	.0001225
%RSD	.9429626	.2331338	.0169706	.2814984	.1821895	.0240812

#1	.4782623	.5210846	1.047647	250.4649	.5604847	.5084952
#2	.4860466	.5202641	1.047660	251.8723	.5623121	.5086572
#3	.4862678	.5186984	1.047346	251.0515	.5621963	.5084171

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4864173	96.97189	.5251408	257.2329	.9994723	.1950354
Stddev	.0014084	.53037	.0010060	1.0150	.0027173	.0006713
%RSD	.2895471	.5469295	.1915679	.3945759	.2718754	.3442131

#1	.4879632	96.41361	.5248380	256.3456	1.002546	.1943854
#2	.4860817	97.46905	.5262635	258.3396	.998482	.1957262
#3	.4852071	97.03300	.5243210	257.0133	.997389	.1949945

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0463300	.5056510	1.050165	.0346876	F .2733239	F .0001754
Stddev	.0074635	.0044869	.001794	.0237413	.0030655	.0002595
%RSD	16.10939	.8873587	.1707883	68.44331	1.121570	147.9292

#1	.0413293	.5031394	1.051912	.0601030	.2697986	.0002010
#2	.0549089	.5108313	1.048328	.0308790	.2748098	.0004212
#3	.0427518	.5029824	1.050254	.0130808	.2753633	-.000096

Sample Name: ICSAB01 Acquired: 12/26/2023 13:41:40 Type: Unk
Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.009190	F -.000254	F -.002170	F .0076376	F -.007133	F .0336028
Stddev	.002567	.000682	.002411	.0081633	.004390	.0061029
%RSD	27.93058	268.6381	111.1211	106.8827	61.53596	18.16193

#1	-.011525	-.000379	-.001124	.0027076	-.012185	.0339485
#2	-.009602	.000482	-.004928	.0170603	-.004973	.0273344
#3	-.006442	-.000865	-.000459	.0031448	-.004242	.0395256

Elem	Sr4077
Units	ppm
Avg	F .0363103
Stddev	.0001936
%RSD	.5332372

#1	.0364451
#2	.0363974
#3	.0360885

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2108.633	34483.02	6307.331	1921.097	1975.413
Stddev	8.621	46.07	14.393	4.152	7.118
%RSD	.4088567	.1336069	.2281894	.2161258	.3603360

#1	2101.155	34507.45	6298.025	1921.642	1969.555
#2	2106.681	34429.88	6300.060	1916.700	1973.349
#3	2118.063	34511.73	6323.909	1924.950	1983.335

Sample Name: CCV01 Acquired: 12/26/2023 13:45:30 Type: Unk
Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.973784	5.028553	4.982715	4.953934	4.948066	10.06906	9.952354
Stddev	.022447	.045681	.011742	.003441	.015365	.01096	.023677
%RSD	.4512980	.9084362	.2356534	.0694640	.3105292	.1088516	.2378988

#1	4.988572	5.081060	4.984073	4.957882	4.951876	10.05727	9.948166
#2	4.947955	5.006661	4.970353	4.951570	4.931155	10.07096	9.977845
#3	4.984825	4.997938	4.993718	4.952351	4.961169	10.07894	9.931050

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2559326	2.486901	24.85693	.9991867	2.475018	1.246245	4.874641
Stddev	.0005829	.003554	.02368	.0030868	.002937	.002326	.019020
%RSD	.2277535	.1429108	.0952640	.3089345	.1186697	.1866045	.3901723

#1	.2565030	2.488212	24.85594	1.002738	2.477128	1.244279	4.894360
#2	.2559568	2.482877	24.83376	.997670	2.471664	1.248812	4.856408
#3	.2553380	2.489613	24.88108	.997151	2.476263	1.245645	4.873155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.525309	24.91129	2.465876	1.224375	24.04133	2.489194	2.502351
Stddev	.001277	.01966	.006129	.002825	.05074	.002944	.005877
%RSD	.0505677	.0789267	.2485337	.2306987	.2110615	.1182566	.2348646

#1	2.524947	24.92788	2.470461	1.227631	23.99640	2.490675	2.496251
#2	2.524252	24.91641	2.458915	1.222579	24.03121	2.491103	2.502823
#3	2.526728	24.88957	2.468252	1.222916	24.09636	2.485804	2.507977

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.56111	5.156108	4.990511	4.985790	4.914632	5.039638	4.920294
Stddev	.07304	.024324	.005375	.010962	.012188	.013173	.012657
%RSD	.2973844	.4717514	.1076952	.2198695	.2479901	.2613973	.2572423

#1	24.52095	5.176316	4.989736	4.997271	4.900983	5.025521	4.918280
#2	24.51695	5.162899	4.985566	4.975433	4.924425	5.041790	4.908764
#3	24.64541	5.129111	4.996231	4.984667	4.918489	5.051602	4.933837

Sample Name: CCV01 Acquired: 12/26/2023 13:45:30 Type: Unk
 Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.932088	4.981240	4.978697
Stddev	.006123	.006619	.016017
%RSD	.1241537	.1328876	.3217145

#1	4.938491	4.988859	4.963475
#2	4.931484	4.976908	4.977211
#3	4.926289	4.977951	4.995406

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2277.999	37094.03	6434.275	2069.808	2213.184
Stddev	2.621	23.49	23.224	5.895	4.924
%RSD	.1150407	.0633353	.3609389	.2848072	.2224798

#1	2275.351	37070.53	6411.894	2074.990	2207.563
#2	2280.592	37117.52	6432.673	2071.039	2216.738
#3	2278.054	37094.04	6458.258	2063.395	2215.251

Sample Name: LLCCV01 Acquired: 12/26/2023 13:49:20 Type: Unk
Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172045	.0472360	.0112085	.0185356	.0488974	.1015599
Stddev	.0042520	.0030630	.0016420	.0027008	.0011569	.0052579
%RSD	24.71447	6.484401	14.64916	14.57104	2.365921	5.177127

#1	.0137549	.0502642	.0097819	.0185932	.0502166	.1038962
#2	.0219550	.0473046	.0108404	.0212072	.0484197	.1052447
#3	.0159037	.0441394	.0130033	.0158065	.0480559	.0955387

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0991179	.0063136	.0061065	2.080816	.0094496	.0288062
Stddev	.0027690	.0001415	.0000551	.011859	.0004235	.0001428
%RSD	2.793629	2.240830	.9020918	.5699197	4.481180	.4957754

#1	.1010735	.0062917	.0060828	2.069039	.0090731	.0286594
#2	.1003307	.0061843	.0061695	2.080653	.0093676	.0289447
#3	.0959494	.0064647	.0060673	2.092756	.0099080	.0288146

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218972	.1005121	.0217480	2.223549	.0392104	.0098494
Stddev	.0004235	.0128733	.0004733	.056459	.0003990	.0003909
%RSD	1.934191	12.80775	2.176143	2.539156	1.017664	3.969066

#1	.0218047	.1093910	.0221539	2.282065	.0396587	.0100857
#2	.0223593	.0857481	.0212282	2.219181	.0390785	.0100644
#3	.0215275	.1063972	.0218618	2.169400	.0388940	.0093982

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.847412	.0395013	.0413439	1.922491	.0885143	.2178525
Stddev	.008616	.0066742	.0003421	.018944	.0003660	.0008991
%RSD	.4663645	16.89625	.8273416	.9853708	.4135279	.4127134

#1	1.838724	.0460495	.0416688	1.933555	.0881548	.2188778
#2	1.847561	.0327078	.0409869	1.933302	.0888865	.2171983
#3	1.855953	.0397466	.0413760	1.900617	.0885016	.2174815

Sample Name: LLCCV01 Acquired: 12/26/2023 13:49:20 Type: Unk
Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0372546	.0438689	F .1097484	.0192375	.0150818	.0207100
Stddev	.0001782	.0008603	.0054940	.0030495	.0049464	.0030087
%RSD	.4783081	1.961098	5.005956	15.85205	32.79756	14.52780

#1	.0371047	.0446710	.1118005	.0171535	.0206864	.0241195
#2	.0374517	.0429603	.1139209	.0227376	.0132326	.0184277
#3	.0372075	.0439755	.1035238	.0178215	.0113263	.0195827

Elem	Sr4077
Units	ppm
Avg	F .0278856
Stddev	.0001392
%RSD	.4990327

#1	.0280375
#2	.0277644
#3	.0278548

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2390.416	39536.54	6620.198	2181.885	2505.423
Stddev	9.107	46.25	30.419	1.582	8.030
%RSD	.3809902	.1169897	.4594850	.0725017	.3205244

#1	2380.116	39511.20	6590.480	2180.208	2496.152
#2	2397.404	39508.50	6651.272	2182.097	2510.238
#3	2393.728	39589.93	6618.841	2183.350	2509.877

Sample Name: CCB01 Acquired: 12/26/2023 13:53:21 Type: Unk
Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000061	.0024383	.0013787	-.000290	.0006738	-.011253	.0104915
Stddev	.001459	.0012036	.0016164	.005348	.0020935	.007853	.0004197
%RSD	2386.670	49.36367	117.2427	1844.609	310.7152	69.78843	4.000380

#1	.000996	.0016776	-.000406	-.006323	-.000526	-.003074	.0109666
#2	.000546	.0038259	.001799	.003870	-.000544	-.018734	.0101711
#3	-.001725	.0018113	.002744	.001582	.003091	-.011950	.0103367

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000105	-.000042	-.018532	.0001369	-.000094	-.000104	.0003177
Stddev	.000038	.000036	.011428	.0005756	.000196	.000350	.0065400
%RSD	36.17789	84.69951	61.66358	420.5287	208.2537	337.2323	2058.292

#1	-.000064	-.000083	-.023886	-.000429	-.000260	-.000239	-.000534
#2	-.000139	-.000027	-.026300	.000721	-.000144	-.000367	-.005755
#3	-.000110	-.000016	-.005411	.000119	.000122	.000294	.007242

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002069	-.008319	.0000367	.0001365	.0052900	-.001986	-.000161
Stddev	.0003087	.017049	.0001956	.0004444	.0071419	.003380	.000126
%RSD	149.2173	204.9282	533.7799	325.5365	135.0067	170.1924	78.33897

#1	.0001594	-.017359	.0000844	-.000043	-.001623	.000095	-.000041
#2	.0005366	.011346	.0002040	.000643	.004852	-.000167	-.000149
#3	-.000075	-.018945	-.000178	-.000190	.012641	-.005886	-.000293

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007031	.0027334	-.000046	-.001601	.0042148	-.001020	.0007917
Stddev	.012268	.0003544	.000421	.001500	.0004677	.003790	.0014436
%RSD	174.4792	12.96683	914.7685	93.68448	11.09767	371.7047	182.3446

#1	-.003231	.0027249	.000440	-.001809	.0047314	.002764	.0002542
#2	.002887	.0030920	-.000261	-.002986	.0038202	-.001007	-.000306
#3	-.020750	.0023833	-.000317	-.000008	.0040927	-.004816	.002427

Sample Name: CCB01 Acquired: 12/26/2023 13:53:21 Type: Unk
 Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0024515	.0004716	.0000614
Stddev	.0038598	.0030691	.0000878
%RSD	157.4460	650.7543	143.1329

#1	.0041843	-.001782	.0000883
#2	-.001971	.003967	-.000037
#3	.005141	-.000770	.000133

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2367.772	39229.24	6642.578	2170.087	2510.914
Stddev	6.539	132.82	34.293	4.710	4.321
%RSD	.2761734	.3385724	.5162679	.2170218	.1720776

#1	2361.222	39114.11	6606.178	2169.049	2506.329
#2	2374.300	39374.55	6674.280	2175.229	2514.910
#3	2367.794	39199.04	6647.276	2165.984	2511.503

Sample Name: O5930-01DLX2 Acquired: 12/26/2023 13:57:25 Type: Unk
Method: NON EPA-6010-200.7(v2107) 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	.0122941	.0001805	.0709388	-.000922	-.000556	45.56433	.3798685
Stddev	.0012255	.0012934	.0007935	.007573	.001619	.16529	.0048253
%RSD	9.968038	716.7448	1.118646	821.4590	291.5106	.3627697	1.270256

#1	.0136902	-.001304	.0710156	.000161	-.000453	45.39814	.3817958
#2	.0117957	.001065	.0716912	-.008977	-.002224	45.56613	.3834323
#3	.0113963	.000780	.0701097	.006051	.001010	45.72871	.3743775

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019725	-.000244	30.02705	.0741737	.0479497	.1560839	89.89061
Stddev	.0000295	.000138	.13164	.0000837	.0002240	.0002452	.54806
%RSD	1.496834	56.31757	.4384111	.1128753	.4671905	.1570706	.6096950

#1	.0019553	-.000256	29.88094	.0741756	.0481721	.1562136	89.27359
#2	.0019556	-.000376	30.06377	.0742565	.0479528	.1558012	90.07734
#3	.0020066	-.000101	30.13643	.0740891	.0477241	.1562371	90.32091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.102937	24.15620	.0692092	-.009761	26.22844	.1736354	.2163407
Stddev	.001472	.09701	.0002519	.000588	.09609	.0045255	.0006445
%RSD	.1334555	.4015836	.3639037	6.022734	.3663407	2.606343	.2978940

#1	1.101277	24.04583	.0690805	-.009098	26.12235	.1780298	.2169902
#2	1.104081	24.22795	.0690478	-.010220	26.25337	.1689893	.2157014
#3	1.103453	24.19481	.0694994	-.009964	26.30961	.1738872	.2163306

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.814143	.3038588	.0020992	.0040022	2.048071	1.931969	2.866937
Stddev	.066204	.0022784	.0002146	.0009539	.004805	.013331	.011551
%RSD	1.138667	.7498134	10.22200	23.83483	.2346012	.6900271	.4029035

#1	5.737720	.3013501	.0019168	.0051031	2.042773	1.916678	2.871314
#2	5.853977	.3044270	.0023356	.0034839	2.049295	1.938076	2.875660
#3	5.850731	.3057993	.0020452	.0034197	2.052146	1.941152	2.853838

Sample Name: O5930-01DLX2 Acquired: 12/26/2023 13:57:25 Type: Unk
Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.481098	.0421458	.0459837
Stddev	.003977	.0005336	.0003393
%RSD	.2684959	1.266089	.7377784

#1	1.484925	.0426989	.0463703
#2	1.476987	.0421044	.0458451
#3	1.481380	.0416341	.0457357

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2496.260	41242.60	7263.118	2295.723	2280.873
Stddev	3.710	30.67	24.846	3.809	2.359
%RSD	.1486113	.0743564	.3420811	.1659135	.1034275

#1	2498.874	41240.63	7238.993	2291.617	2281.550
#2	2497.894	41212.97	7261.736	2299.141	2282.820
#3	2492.014	41274.21	7288.626	2296.410	2278.250

Sample Name: O5931-01DLX20 Acquired: 12/26/2023 14:01:21 Type: Unk
Method: NON EPA-6010-200.7(v2107) 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	.0013685	-.000060	.1363951	.0004376	-.000173	6.138520	.0770173
Stddev	.0039391	.001693	.0024052	.0053112	.001259	.012123	.0040456
%RSD	287.8534	2812.336	1.763393	1213.674	728.1710	.1974984	5.252903

#1	.0059151	.000619	.1368280	.0059460	-.001323	6.145534	.0816759
#2	-.000791	.001188	.1385545	-.004652	-.000369	6.124521	.0749882
#3	-.001018	-.001988	.1338029	.000018	.001173	6.145505	.0743878

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014206	.0005018	23.27823	.0379040	.0146836	.3237555	18.35348
Stddev	.0000777	.0001147	.03949	.0002235	.0003768	.0006611	.01341
%RSD	5.470921	22.85473	.1696417	.5895619	2.565973	.2041912	.0730405

#1	.0014382	.0003747	23.31729	.0379718	.0150612	.3242335	18.35187
#2	.0014881	.0005332	23.27908	.0380857	.0146820	.3230010	18.36761
#3	.0013356	.0005975	23.23832	.0376544	.0143077	.3240318	18.34095

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1731253	12.35861	.1162344	-.001303	.4375611	.0200417	.4563202
Stddev	.0008202	.04215	.0003110	.000131	.0166108	.0002155	.0013609
%RSD	.4737710	.3410552	.2675812	10.03303	3.796225	1.075404	.2982419

#1	.1739295	12.39626	.1164984	-.001220	.4300002	.0198199	.4550017
#2	.1731564	12.36648	.1163132	-.001453	.4566073	.0200547	.4577199
#3	.1722900	12.31307	.1158915	-.001235	.4260757	.0202504	.4562389

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6753216	.0646137	.0026767	.0208182	.1993626	.1904087	.2670375
Stddev	.0248546	.0006703	.0001850	.0005577	.0025245	.0036473	.0081118
%RSD	3.680415	1.037458	6.910548	2.678736	1.266279	1.915525	3.037709

#1	.6468180	.0639236	.0024789	.0201771	.1970942	.1897054	.2597911
#2	.6924740	.0646550	.0028454	.0210873	.2020823	.1943565	.2758007
#3	.6866727	.0652624	.0027058	.0211904	.1989114	.1871643	.2655208

Sample Name: O5931-01DLX20 Acquired: 12/26/2023 14:01:21 Type: Unk
Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9326836	.0104583	.0395500
Stddev	.0056109	.0029818	.0000775
%RSD	.6015911	28.51121	.1958707

#1	.9276812	.0107779	.0395812
#2	.9387505	.0132673	.0396069
#3	.9316189	.0073295	.0394618

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2334.071	38727.86	6889.194	2142.954	2341.841
Stddev	4.921	168.47	40.689	9.313	5.514
%RSD	.2108298	.4350053	.5906212	.4345762	.2354488

#1	2328.743	38569.17	6846.765	2139.312	2335.879
#2	2335.025	38709.76	6892.932	2136.012	2342.889
#3	2338.445	38904.64	6927.885	2153.537	2346.756

Sample Name: O5993-01 Acquired: 12/26/2023 14:16:37 Type: Unk
Method: NON EPA-6010-200.7(v2107) 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	-.006841	-.006454	-.000072	.0045555	-.001432	.1405712	.2497278
Stddev	.001643	.003541	.001187	.0012461	.001134	.0062413	.0040482
%RSD	24.01203	54.86197	1647.489	27.35437	79.16062	4.439975	1.621042

#1	-.006437	-.006946	-.001057	.0052540	-.002731	.1342275	.2492788
#2	-.008648	-.009722	-.000404	.0031168	-.000637	.1407812	.2539818
#3	-.005439	-.002693	.001246	.0052958	-.000929	.1467048	.2459229

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000206	-.000030	185.0690	.0463373	-.000282	.0226588	.1106831
Stddev	.000053	.000157	1.1241	.0006417	.000164	.0005292	.0046816
%RSD	25.65624	523.7385	.6073984	1.384738	58.29365	2.335286	4.229695

#1	-.000249	-.000108	183.7739	.0456734	-.000470	.0222491	.1128294
#2	-.000147	.000150	185.6411	.0469541	-.000168	.0232562	.1139067
#3	-.000222	-.000132	185.7919	.0463843	-.000208	.0224711	.1053132

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026890	.0164538	.0049188	-.000404	351.0231	-.001515	.0281547
Stddev	.0003545	.0171182	.0007683	.000486	2.9908	.000872	.0003539
%RSD	13.18215	104.0379	15.61950	120.2516	.8520130	57.56342	1.256838

#1	.0030892	.0280964	.0048014	-.000580	349.7667	-.001012	.0284951
#2	.0024144	.0244662	.0057391	-.000777	348.8656	-.002523	.0281802
#3	.0025635	-.003201	.0042160	.000145	354.4371	-.001012	.0277888

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.57381	.0078758	.0200334	-.003752	.0002993	.1979093	.0141858
Stddev	.04609	.0006512	.0004220	.002515	.0015696	.0028027	.0037339
%RSD	.3162522	8.268917	2.106315	67.02591	524.4183	1.416139	26.32139

#1	14.61939	.0075711	.0204697	-.006650	.0021087	.2000346	.0157583
#2	14.52723	.0086235	.0200030	-.002146	-.000514	.1989601	.0099228
#3	14.57483	.0074327	.0196274	-.002460	-.000697	.1947330	.0168762

Sample Name: O5993-01 Acquired: 12/26/2023 14:16:37 Type: Unk
Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.819522	.0238130	2.264674
Stddev	.003722	.0012429	.012764
%RSD	.0974383	5.219388	.5636294

#1	3.821248	.0252305	2.249937
#2	3.822068	.0232986	2.271824
#3	3.815251	.0229098	2.272261

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2094.897	34782.03	6547.859	1906.851	2001.039
Stddev	4.027	118.87	29.941	10.716	6.834
%RSD	.1922183	.3417500	.4572608	.5619489	.3415014

#1	2090.391	34644.79	6581.175	1894.587	1993.281
#2	2098.144	34849.29	6539.197	1914.404	2003.668
#3	2096.157	34852.03	6523.204	1911.562	2006.167

Sample Name: O5993-01DUP Acquired: 12/26/2023 14:20:47 Type: Unk
Method: NON EPA-6010-200.7(v2107) 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	-.008141	-.005054	.0003828	-.004469	.0004274	.1490091	.2476678
Stddev	.002436	.005003	.0008923	.006256	.0007614	.0060033	.0025243
%RSD	29.91997	98.97564	233.1345	139.9788	178.1287	4.028839	1.019242

#1	-.009527	.000716	-.000589	.000600	.0006378	.1421883	.2473754
#2	-.005328	-.008170	.000572	-.002548	-.000417	.1534909	.2453024
#3	-.009567	-.007709	.001166	-.011461	.001061	.1513481	.2503256

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000137	.0000394	186.3014	.0460248	-.000282	.0222011	.1191589
Stddev	.000070	.0000583	.5840	.0002762	.000219	.0009211	.0071628
%RSD	51.27836	148.0921	.3134593	.6001257	77.74943	4.148982	6.011163

#1	-.000107	.0000021	185.7482	.0459919	-.000235	.0211722	.1190908
#2	-.000218	.0000095	186.2442	.0457665	-.000090	.0224823	.1263556
#3	-.000087	.0001066	186.9119	.0463160	-.000520	.0229489	.1120304

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028165	.0229739	.0045554	-.000125	349.7704	.0028437	.0274462
Stddev	.0001992	.0068244	.0003924	.000445	2.1144	.0002541	.0002235
%RSD	7.072762	29.70486	8.614908	356.2264	.6045057	8.936274	.8143251

#1	.0030026	.0298278	.0045581	.000126	347.3314	.0026576	.0272611
#2	.0026064	.0229144	.0041616	.000138	351.0857	.0031332	.0273830
#3	.0028405	.0161795	.0049465	-.000639	350.8940	.0027402	.0276945

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.48810	.0081083	.0191804	-.003935	.0002127	.1954733	.0153238
Stddev	.06288	.0005369	.0005891	.000898	.0010858	.0059703	.0034343
%RSD	.4340111	6.621279	3.071247	22.81308	510.4744	3.054265	22.41147

#1	14.45220	.0085028	.0191168	-.004726	.0010675	.1886251	.0121397
#2	14.45141	.0083252	.0197987	-.004119	.0005796	.1995832	.0189629
#3	14.56071	.0074969	.0186257	-.002960	-.001009	.1982118	.0148687

Sample Name: O5993-01DUP Acquired: 12/26/2023 14:20:47 Type: Unk
Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.826562	.0239363	2.279233
Stddev	.009671	.0037809	.005617
%RSD	.2527352	15.79587	.2464479

#1	3.833475	.0276518	2.273197
#2	3.830699	.0200931	2.280197
#3	3.815510	.0240640	2.284306

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2121.501	35338.14	6629.182	1944.709	2025.698
Stddev	.990	74.79	19.228	11.091	1.246
%RSD	.0466774	.2116430	.2900458	.5702958	.0614977

#1	2120.357	35251.82	6606.986	1931.992	2026.133
#2	2122.094	35383.63	6639.816	1952.374	2024.293
#3	2122.050	35378.97	6640.744	1949.760	2026.668

Sample Name: O5993-01LX5 Acquired: 12/26/2023 14:24:53 Type: Unk
Method: NON EPA-6010-200.7(v2107) 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	-.002576	-.000548	.0000703	.0018669	-.000271	.0256485	.0516139
Stddev	.005315	.003322	.0004984	.0087741	.002540	.0082874	.0107065
%RSD	206.3729	606.2184	708.8565	469.9837	935.8680	32.31149	20.74348

#1	-.006615	.000368	.0002379	.0022679	-.002225	.0343400	.0633740
#2	-.004558	-.004232	.0004634	-.007101	.002600	.0178351	.0490364
#3	.003446	.002220	-.000490	.010434	-.001190	.0247705	.0424315

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000067	-.000062	37.47976	.0087537	-.000491	.0043790	.0141061
Stddev	.000014	.000072	2.62849	.0003749	.000140	.0003016	.0078826
%RSD	20.70979	116.8080	7.013097	4.283086	28.60365	6.888420	55.88085

#1	-.000082	-.000066	40.50889	.0083643	-.000405	.0045287	.0122954
#2	-.000055	-.000132	35.80015	.0087845	-.000415	.0045766	.0072863
#3	-.000063	.000012	36.13023	.0091122	-.000653	.0040318	.0227364

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006724	.0140598	.0010781	-.000013	67.17972	.0012862	.0054840
Stddev	.0002561	.0277632	.0006978	.000676	.10089	.0015458	.0000292
%RSD	38.07863	197.4647	64.72060	5084.339	.1501827	120.1829	.5328498

#1	.0008935	.0292112	.0010799	.000694	67.09552	-.000479	.0054516
#2	.0007318	.0309509	.0017750	-.000082	67.15208	.001941	.0054921
#3	.0003919	-.017983	.0003795	-.000652	67.29155	.002397	.0055084

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.563504	-.000013	.0034419	-.003091	.0017005	.0367694	.0033608
Stddev	.024581	.001046	.0004082	.000327	.0012536	.0030901	.0032173
%RSD	.9588721	8169.293	11.86030	10.59515	73.71759	8.403930	95.73023

#1	2.568045	-.000927	.0038259	-.003107	.0008229	.0337563	.0058278
#2	2.536969	-.000239	.0034866	-.002756	.0031362	.0399311	-.000278
#3	2.585497	.001128	.0030132	-.003410	.0011424	.0366208	.004533

Sample Name: O5993-01LX5 Acquired: 12/26/2023 14:24:53 Type: Unk
 Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7217495	.0084083	.4623827
Stddev	.0005246	.0019494	.0336091
%RSD	.0726793	23.18369	7.268675

#1	.7217936	.0075610	.5011680
#2	.7212043	.0070260	.4418311
#3	.7222507	.0106379	.4441489

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2320.354	38347.52	6727.575	2119.227	2290.278
Stddev	5.771	98.56	437.885	1.093	4.325
%RSD	.2487141	.2570174	6.508803	.0515985	.1888335

#1	2319.477	38460.63	6222.192	2118.501	2287.837
#2	2315.071	38301.88	6993.828	2118.695	2287.725
#3	2326.513	38280.05	6966.705	2120.484	2295.271

Sample Name: O5993-01MS Acquired: 12/26/2023 14:28:51 Type: Unk
Method: NON EPA-6010-200.7(v2107) 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	.8595359	1.952065	1.006633	2.028798	.7675339	2.093164	.4457366
Stddev	.0076438	.008606	.001772	.017781	.0018757	.013023	.0026994
%RSD	.8892929	.4408853	.1759869	.8764405	.2443850	.6221501	.6056121

#1	.8507126	1.943554	1.004588	2.039457	.7691068	2.078980	.4441267
#2	.8637473	1.951875	1.007652	2.008271	.7654579	2.095930	.4442300
#3	.8641478	1.960764	1.007660	2.038665	.7680369	2.104581	.4488530

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1945903	.2031625	194.0687	.4413101	.2000551	.3151511	3.018749
Stddev	.0004085	.0002962	1.0710	.0008489	.0001555	.0009052	.029203
%RSD	.2099383	.1457970	.5518650	.1923692	.0777041	.2872251	.9673868

#1	.1948493	.2028220	192.8451	.4421703	.2001678	.3160955	2.986699
#2	.1948022	.2033604	194.5248	.4412872	.2001198	.3142909	3.025695
#3	.1941193	.2033052	194.8360	.4404729	.1998778	.3150670	3.043853

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2041411	1.950091	.5021032	.0725717	351.1566	.3107080	.2284998
Stddev	.0009586	.031860	.0006478	.0004429	2.7319	.0063141	.0006723
%RSD	.4695894	1.633745	.1290225	.6102205	.7779771	2.032159	.2942373

#1	.2031458	1.915780	.5013610	.0728934	348.0038	.3119141	.2279956
#2	.2042192	1.955753	.5025548	.0720666	352.8224	.3038778	.2292631
#3	.2050582	1.978740	.5023939	.0727552	352.6438	.3163320	.2282407

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.91867	.2295412	.4212793	.6672629	.1936842	.4595080	6.334885
Stddev	.08824	.0019986	.0018333	.0042456	.0028741	.0061666	.019627
%RSD	.3541208	.8706935	.4351780	.6362666	1.483931	1.342006	.3098243

#1	24.84550	.2272359	.4217780	.6714355	.1920555	.4571510	6.313530
#2	24.89385	.2306018	.4192482	.6674052	.1970027	.4665055	6.352136
#3	25.01667	.2307859	.4228116	.6629480	.1919942	.4548675	6.338988

Sample Name: O5993-01MS Acquired: 12/26/2023 14:28:51 Type: Unk
 Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.848789	.2317819	2.615698
Stddev	.016174	.0026380	.011574
%RSD	.4202238	1.138162	.4424912

#1	3.844039	.2291132	2.602791
#2	3.866806	.2318441	2.619151
#3	3.835522	.2343882	2.625153

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2118.474	35844.40	6412.681	1946.519	2027.681
Stddev	4.708	168.29	31.691	9.093	1.569
%RSD	.2222425	.4694917	.4941910	.4671333	.0773652

#1	2113.268	35659.55	6385.875	1936.727	2025.953
#2	2122.434	35884.90	6404.511	1948.135	2028.074
#3	2119.721	35988.73	6447.657	1954.696	2029.016

Sample Name: O5993-01MSD Acquired: 12/26/2023 14:32:50 Type: Unk
Method: NON EPA-6010-200.7(v2107) 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	.8597254	1.943740	1.011475	2.042528	.7754362	2.109279	.4510735
Stddev	.0046887	.017841	.005551	.011094	.0019134	.026515	.0071245
%RSD	.5453700	.9178589	.5487688	.5431627	.2467462	1.257063	1.579448

#1	.8579135	1.963580	1.006942	2.047425	.7734651	2.080367	.4500361
#2	.8562130	1.929017	1.017665	2.050331	.7755574	2.115012	.4445246
#3	.8650497	1.938624	1.009816	2.029827	.7772861	2.132459	.4586598

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2032781	.2042109	195.1524	.4487450	.2019834	.3163575	3.051579
Stddev	.0013278	.0004111	2.1445	.0003460	.0006683	.0010264	.025794
%RSD	.6532036	.2013196	1.098896	.0770947	.3308660	.3244516	.8452677

#1	.2028619	.2040706	193.6329	.4484150	.2013214	.3170915	3.023655
#2	.2022082	.2038883	194.2187	.4487151	.2019709	.3151846	3.056567
#3	.2047641	.2046738	197.6054	.4491050	.2026578	.3167963	3.074515

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2048185	1.945257	.5051814	.0743589	354.8027	.3109691	.2306443
Stddev	.0026468	.069377	.0015256	.0004770	1.7459	.0053549	.0004321
%RSD	1.292264	3.566456	.3019804	.6414868	.4920772	1.722015	.1873354

#1	.2030505	1.876698	.5040738	.0747545	353.0398	.3070353	.2305406
#2	.2035435	1.943649	.5045488	.0744931	354.8372	.3088045	.2311188
#3	.2078615	2.015424	.5069214	.0738292	356.5311	.3170675	.2302736

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.22971	.2385899	.4213735	.6693373	.1964244	.4697498	6.381635
Stddev	.11270	.0015769	.0012203	.0025186	.0043446	.0108971	.020875
%RSD	.4466900	.6609168	.2896097	.3762750	2.211866	2.319770	.3271038

#1	25.13971	.2382977	.4211617	.6691520	.1938554	.4590054	6.365590
#2	25.19331	.2371796	.4202729	.6669166	.1939771	.4694505	6.374079
#3	25.35611	.2402925	.4226859	.6719434	.2014407	.4807935	6.405235

Sample Name: O5993-01MSD Acquired: 12/26/2023 14:32:50 Type: Unk
Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.858015	.2332275	2.616023
Stddev	.013068	.0015310	.026061
%RSD	.3387195	.6564332	.9962061

#1	3.871022	.2331015	2.597596
#2	3.844887	.2317633	2.604634
#3	3.858136	.2348175	2.645841

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2117.725	34960.11	6255.015	1927.022	2028.929
Stddev	6.300	118.30	32.744	10.406	2.926
%RSD	.2974717	.3383745	.5234858	.5400144	.1442201

#1	2110.452	34836.16	6261.738	1918.345	2025.853
#2	2121.450	34972.37	6283.875	1924.161	2029.256
#3	2121.274	35071.79	6219.431	1938.559	2031.677

Sample Name: O5993-01A Acquired: 12/26/2023 14:36:48 Type: Unk
Method: NON EPA-6010-200.7(v2107) 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	.8562993	1.928803	1.011853	2.032183	.7708460	2.071381	.4469027
Stddev	.0112623	.006319	.001544	.010784	.0006743	.041307	.0082292
%RSD	1.315228	.3276018	.1525893	.5306738	.0874792	1.994167	1.841376

#1	.8470889	1.926045	1.010596	2.043032	.7708065	2.026913	.4393461
#2	.8688553	1.924332	1.013576	2.032053	.7701923	2.108556	.4556703
#3	.8529536	1.936032	1.011387	2.021465	.7715392	2.078672	.4456919

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1927821	.2034796	194.4199	.4384509	.2008884	.3159020	3.056833
Stddev	.0007202	.0000993	1.9832	.0010940	.0004386	.0012492	.022608
%RSD	.3735645	.0487969	1.020048	.2495059	.2183477	.3954374	.7395742

#1	.1921446	.2035552	192.2883	.4374359	.2011175	.3164052	3.030803
#2	.1935632	.2033671	196.2104	.4396096	.2011651	.3144797	3.071560
#3	.1926383	.2035164	194.7611	.4383072	.2003827	.3168211	3.068136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2029909	1.940231	.5059280	.0724033	349.5796	.3066734	.2244623
Stddev	.0020064	.014745	.0008796	.0004485	2.2231	.0055043	.0001474
%RSD	.9884325	.7599807	.1738618	.6194410	.6359435	1.794832	.0656557

#1	.2009579	1.927679	.5050293	.0721869	347.0809	.3004463	.2244208
#2	.2049697	1.936545	.5059677	.0721040	351.3386	.3108891	.2246260
#3	.2030452	1.956470	.5067871	.0729189	350.3194	.3086848	.2243401

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.66197	.2259628	.4191873	.6707951	.1938957	.4540879	6.369941
Stddev	.10554	.0036208	.0017135	.0013864	.0023333	.0043814	.023298
%RSD	.4279320	1.602397	.4087734	.2066860	1.203382	.9648744	.3657557

#1	24.55205	.2218494	.4186219	.6709496	.1930163	.4505343	6.343044
#2	24.67138	.2286675	.4178279	.6693379	.1965409	.4527461	6.383856
#3	24.76249	.2273717	.4211121	.6720979	.1921299	.4589833	6.382923

Sample Name: O5993-01A Acquired: 12/26/2023 14:36:48 Type: Unk
Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.846579	.2273358	2.621552
Stddev	.005537	.0054288	.024370
%RSD	.1439412	2.388005	.9296168

#1	3.843602	.2256704	2.596197
#2	3.843167	.2334022	2.644802
#3	3.852967	.2229347	2.623656

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2127.166	36492.23	6557.438	1976.300	2037.474
Stddev	6.138	155.57	59.160	9.715	4.969
%RSD	.2885299	.4263040	.9021772	.4915823	.2438578

#1	2120.611	36583.07	6603.290	1976.546	2031.773
#2	2132.776	36312.60	6490.659	1966.464	2040.881
#3	2128.113	36581.02	6578.365	1985.889	2039.768

Sample Name: CCV02 Acquired: 12/26/2023 14:40:45 Type: Unk
Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.884253	4.868969	4.945474	4.911639	4.906752	9.987896	9.891944
Stddev	.008225	.074700	.008606	.018974	.006154	.051386	.041822
%RSD	.1684035	1.534206	.1740148	.3863040	.1254221	.5144850	.4227859

#1	4.874874	4.823505	4.935595	4.902628	4.906359	9.936572	9.848695
#2	4.887642	4.828220	4.951346	4.898851	4.900804	9.987771	9.894962
#3	4.890242	4.955182	4.949480	4.933440	4.913093	10.03934	9.932175

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2617041	2.462007	24.85567	.9884127	2.463965	1.235179	4.778185
Stddev	.0006992	.005266	.13535	.0015861	.005453	.001175	.036033
%RSD	.2671769	.2138920	.5445572	.1604715	.2212997	.0951453	.7541167

#1	.2609043	2.458171	24.71038	.9902130	2.461023	1.235461	4.737595
#2	.2621995	2.459839	24.87843	.9878038	2.460614	1.236187	4.790560
#3	.2620086	2.468011	24.97820	.9872212	2.470257	1.233888	4.806400

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.490676	25.19372	2.474142	1.228581	23.79081	2.470915	2.455332
Stddev	.005536	.12134	.005158	.002049	.07548	.002018	.002054
%RSD	.2222746	.4816355	.2084598	.1667704	.3172761	.0816772	.0836603

#1	2.484391	25.05628	2.472285	1.230891	23.74604	2.469498	2.457506
#2	2.492806	25.23884	2.470169	1.226983	23.74842	2.473226	2.455065
#3	2.494831	25.28603	2.479971	1.227870	23.87795	2.470022	2.453424

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.56592	5.161270	4.928995	4.923603	4.923548	4.987968	4.909561
Stddev	.02397	.005434	.007831	.008602	.023889	.014680	.034762
%RSD	.1017091	.1052910	.1588806	.1747156	.4851999	.2943100	.7080476

#1	23.56469	5.157949	4.923673	4.916766	4.899507	4.981796	4.882011
#2	23.54259	5.167541	4.925325	4.920780	4.923855	4.977382	4.898056
#3	23.59048	5.158319	4.937987	4.933262	4.947282	5.004726	4.948618

Sample Name: CCV02 Acquired: 12/26/2023 14:40:45 Type: Unk
 Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCV02 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.851858	4.964447	4.921164
Stddev	.028927	.016725	.047395
%RSD	.5962106	.3368946	.9630948

#1	4.822331	4.949745	4.866444
#2	4.853099	4.960954	4.947744
#3	4.880146	4.982643	4.949304

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2352.613	38922.07	6674.559	2165.110	2293.105
Stddev	1.232	12.74	6.482	4.793	4.296
%RSD	.0523522	.0327279	.0971187	.2213919	.1873653

#1	2351.987	38919.29	6681.662	2159.587	2295.836
#2	2354.032	38935.96	6668.962	2167.557	2295.327
#3	2351.819	38910.94	6673.054	2168.186	2288.153

Sample Name: CCB02 Acquired: 12/26/2023 14:44:33 Type: Unk
Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000330	.0050986	.0011609	-.001576	.0001526	-.004870	.0045014
Stddev	.001937	.0031453	.0015485	.002186	.0027979	.003887	.0016100
%RSD	586.8933	61.68801	133.3819	138.7648	1833.176	79.82054	35.76772

#1	-.000550	.0063843	.0029482	.000346	.0029935	-.000454	.0054642
#2	.001708	.0073974	.0002226	-.003954	.0000645	-.006383	.0026426
#3	-.002148	.0015142	.0003120	-.001119	-.002600	-.007774	.0053973

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000018	-.000012	-.012272	-.000125	-.000253	-.000032	.0063817
Stddev	.000036	.000060	.005533	.000351	.000067	.000111	.0077759
%RSD	205.0125	486.7825	45.08679	280.0585	26.40636	353.8478	121.8476

#1	-.000060	-.000037	-.006396	-.000182	-.000254	-.000152	.0147220
#2	.000002	.000056	-.017382	.000251	-.000185	-.000011	.0050915
#3	.000005	-.000056	-.013038	-.000445	-.000319	.000068	-.000668

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002234	-.000320	-.000032	.0000134	.0913076	.0011529	-.000440
Stddev	.0006595	.015183	.000441	.0001734	.0009334	.0010489	.000145
%RSD	295.2356	4751.916	1375.424	1291.317	1.022285	90.97277	32.89112

#1	-.000057	.017187	-.000513	-.000180	.0917756	.0000886	-.000588
#2	-.000249	-.009889	.000353	.000065	.0902327	.0021856	-.000431
#3	.000977	-.008257	.000064	.000155	.0919144	.0011846	-.000300

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014241	.0064190	.0017458	-.000136	.0019045	.0040208	.0007378
Stddev	.014897	.0012054	.0010405	.001454	.0007100	.0028342	.0037101
%RSD	104.6103	18.77793	59.60308	1072.663	37.28071	70.48901	502.8240

#1	-.029331	.0073000	.0028094	-.001601	.0022985	.0035949	.0049565
#2	.000455	.0069117	.0016980	-.000113	.0010849	.0070439	-.002017
#3	-.013846	.0050453	.0007300	.001307	.0023303	.0014237	-.000726

Sample Name: CCB02 Acquired: 12/26/2023 14:44:33 Type: Unk
 Method: NON EPA-6010-200.7(v2107) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB02 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001633	.0026469	.0000045
Stddev	.003223	.0022856	.0000055
%RSD	197.3010	86.35165	121.8769

#1	.001656	.0026447	.0000098
#2	-.004785	.0049336	-.000001
#3	-.001772	.0003624	.000005

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2423.415	39779.50	6813.729	2221.425	2552.690
Stddev	4.106	75.65	20.932	4.797	2.820
%RSD	.1694237	.1901661	.3072018	.2159307	.1104538

#1	2419.511	39694.05	6803.432	2226.535	2550.115
#2	2427.696	39806.54	6837.815	2220.720	2552.252
#3	2423.037	39837.92	6799.940	2217.020	2555.703