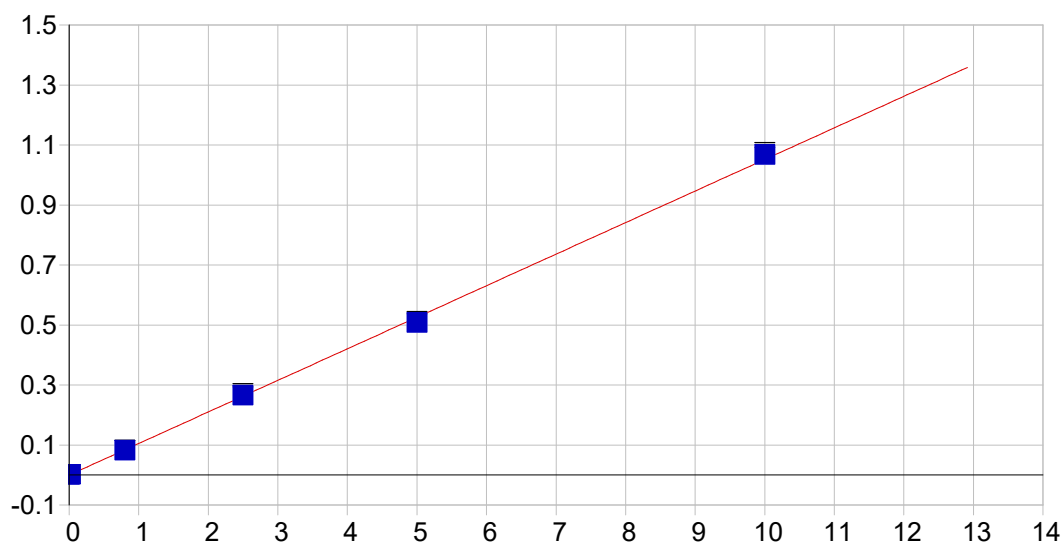


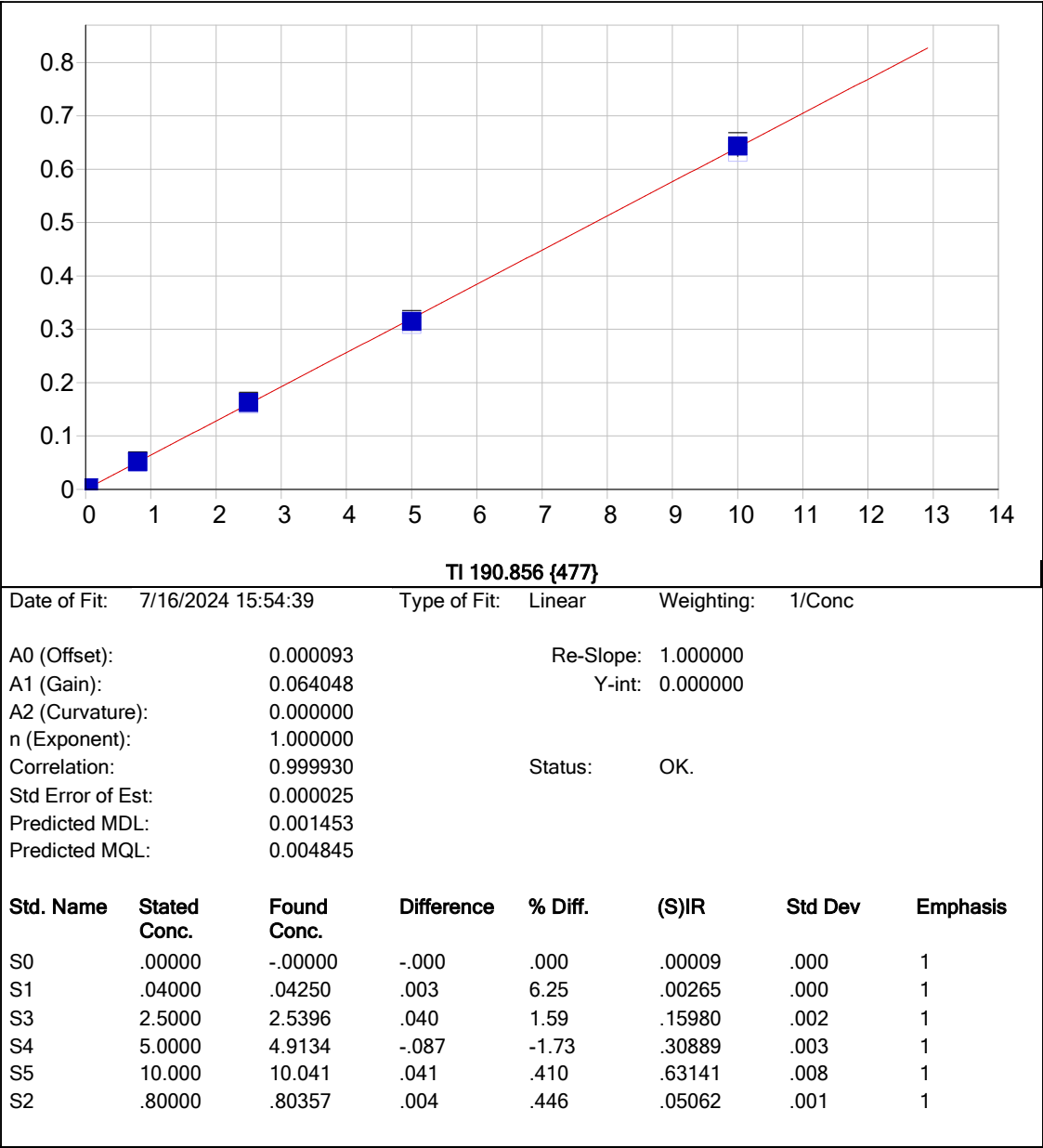


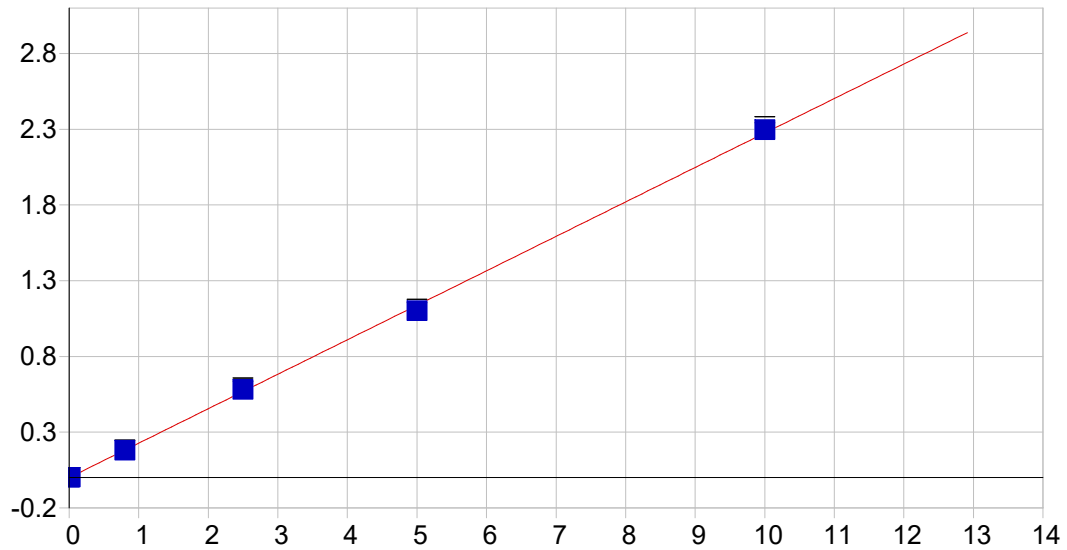
As 189.042 {479}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000249	Re-Slope:	1.000000
A1 (Gain):	0.105205	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999767	Status:	OK.
Std Error of Est:	0.000053		
Predicted MDL:	0.001603		
Predicted MQL:	0.005343		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.02000	.02022	.000	1.08	.00187	.000	1
S3	2.5000	2.5300	.030	1.20	.26566	.005	1
S4	5.0000	4.8317	-.168	-3.37	.50755	.004	1
S5	10.000	10.151	.151	1.51	1.0666	.008	1
S2	.80000	.78717	-.013	-1.60	.08248	.000	1



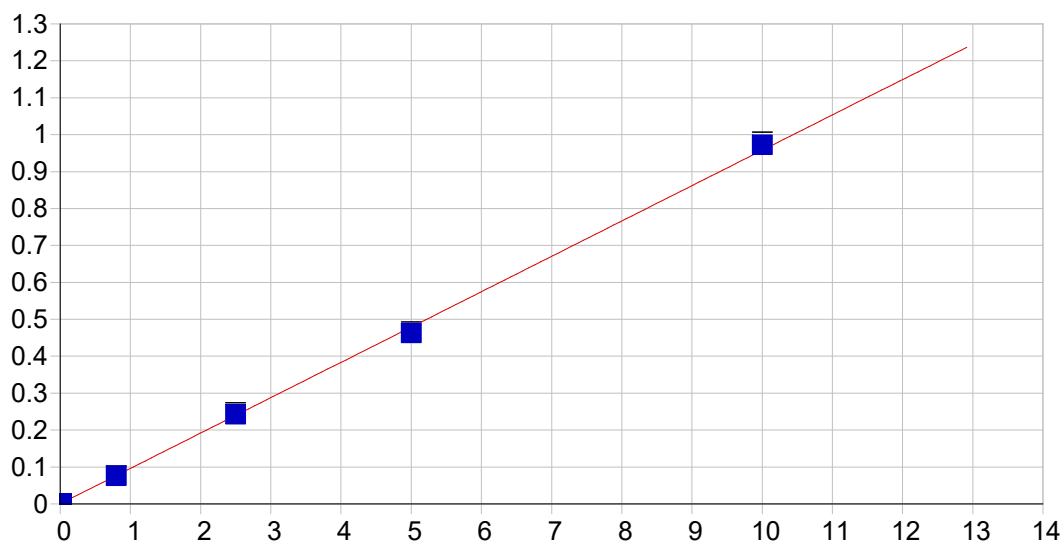


Pb 220.353 {453}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000305 Re-Slope: 1.000000
 A1 (Gain): 0.227555 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999779 Status: OK.
 Std Error of Est: 0.000087
 Predicted MDL: 0.001053
 Predicted MQL: 0.003510

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00031	.000	1
S1	.01200	.01478	.003	23.2	.00300	.000	1
S3	2.5000	2.5598	.060	2.39	.58159	.010	1
S4	5.0000	4.8424	-.158	-3.15	1.1004	.011	1
S5	10.000	10.100	.100	1.00	2.2957	.020	1
S2	.80000	.79485	-.005	-.643	.18038	.001	1

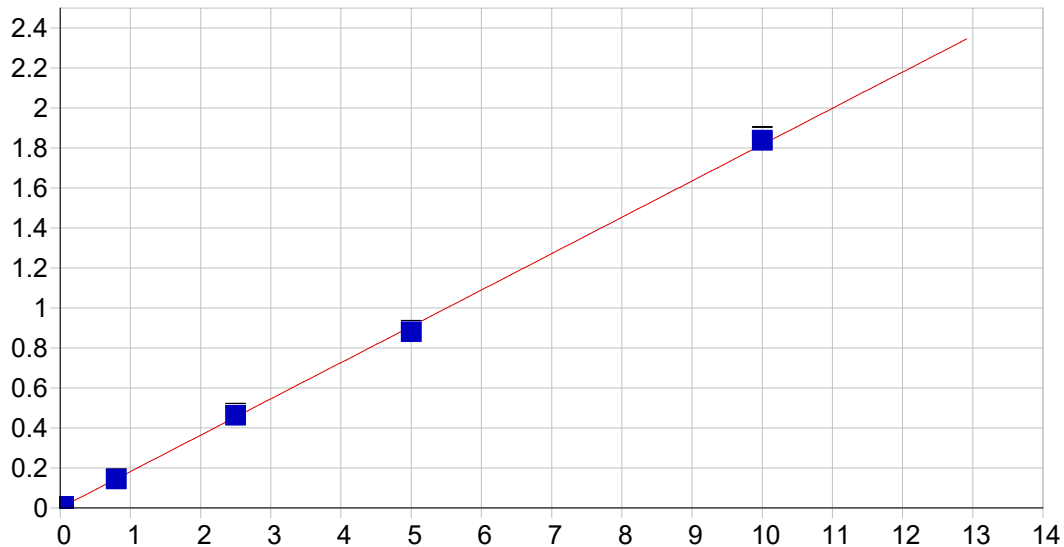


Se 196.090 {472}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000404 Re-Slope: 1.000000
 A1 (Gain): 0.095728 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999760 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.001966
 Predicted MQL: 0.006553

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00040	.000	1
S1	.02000	.02031	.000	1.53	.00235	.000	1
S3	2.5000	2.5292	.029	1.17	.24246	.005	1
S4	5.0000	4.8284	-.172	-3.43	.46250	.003	1
S5	10.000	10.154	.154	1.54	.97219	.008	1
S2	.80000	.78801	-.012	-1.50	.07582	.001	1

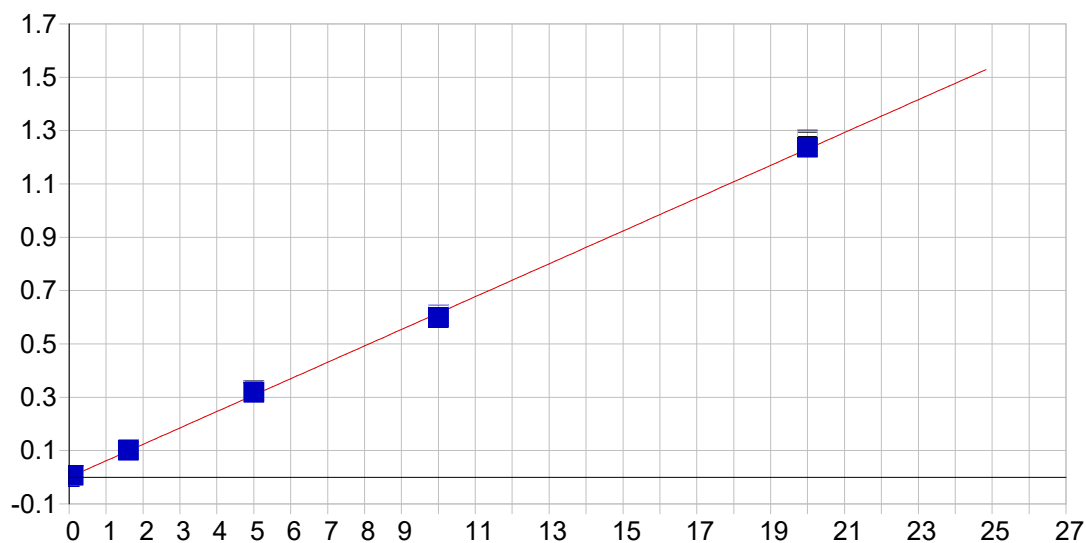


Sb 206.833 {463}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000111 Re-Slope: 1.000000
 A1 (Gain): 0.181658 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999799 Status: OK.
 Std Error of Est: 0.000135
 Predicted MDL: 0.001249
 Predicted MQL: 0.004162

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.05000	.05371	.004	7.41	.00989	.000	1
S3	2.5000	2.5439	.044	1.76	.46347	.010	1
S4	5.0000	4.8435	-.157	-3.13	.88244	.006	1
S5	10.000	10.117	.117	1.17	1.8430	.015	1
S2	.80000	.79146	-.009	-1.07	.14428	.001	1

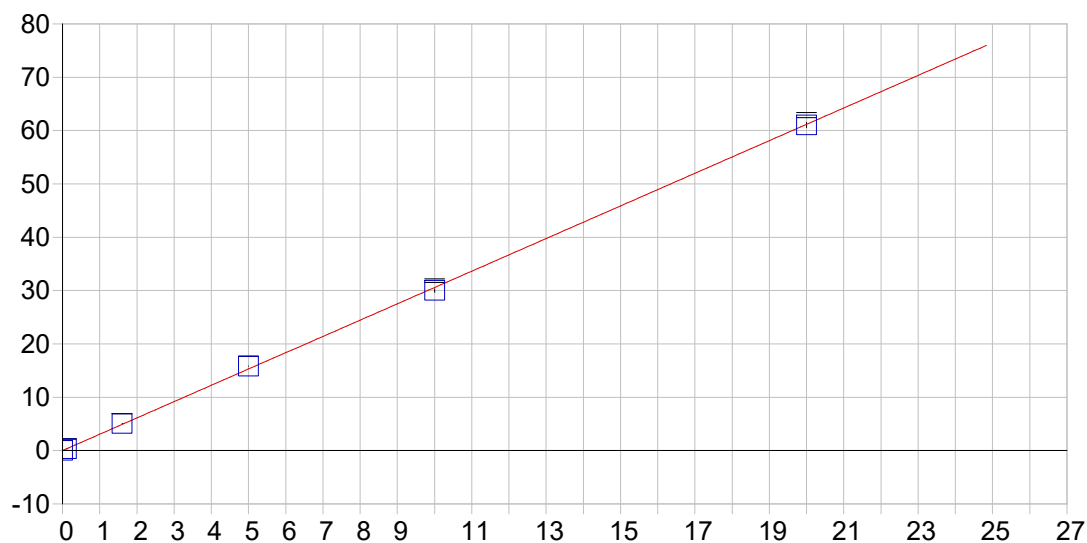


AI 396.152 { 85}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000272 Re-Slope: 1.000000
A1 (Gain): 0.061540 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999810 Status: OK.
Std Error of Est: 0.000091
Predicted MDL: 0.006445
Predicted MQL: 0.021485

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.10000	.10205	.002	2.05	.00703	.000	1
S3	5.0000	5.1587	.159	3.17	.32371	.001	1
S4	10.000	9.7112	-.289	-2.89	.60984	.001	1
S5	20.000	20.097	.097	.484	1.2609	.004	1
S2	1.6000	1.6311	.031	1.94	.10256	.000	1

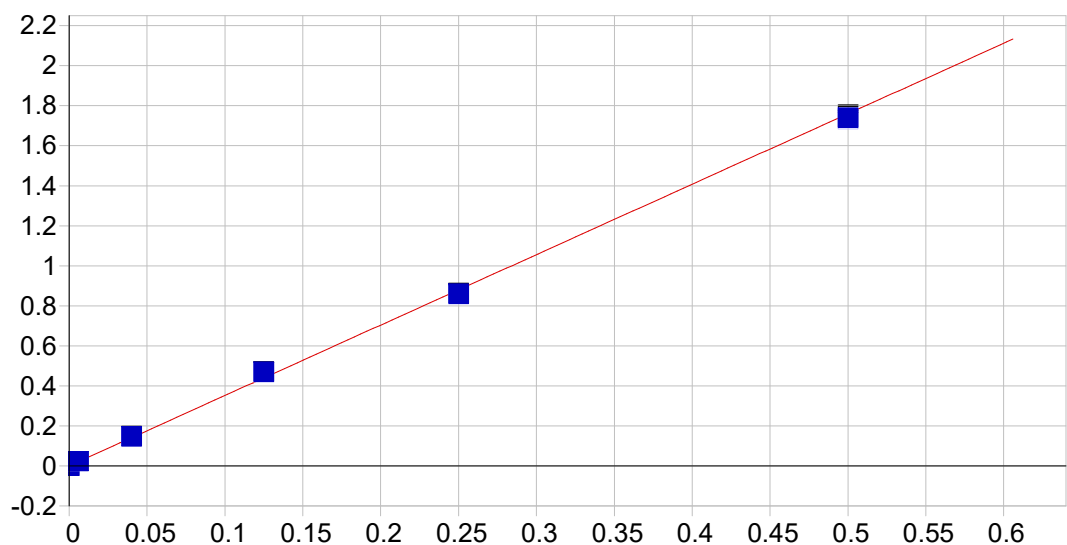


Ba 493.409 { 68}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000173 Re-Slope: 1.000000
 A1 (Gain): 3.058405 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835 Status: OK.
 Std Error of Est: 0.004124
 Predicted MDL: 0.000467
 Predicted MQL: 0.001557

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00021	.002	1
S1	.10000	.10652	.007	6.52	.32561	.001	1
S3	5.0000	5.1743	.174	3.49	15.825	.054	1
S4	10.000	9.8065	-.193	-1.93	29.992	.336	1
S5	20.000	19.959	-.041	-.205	61.042	.489	1
S2	1.6000	1.6537	.054	3.36	5.0575	.020	1

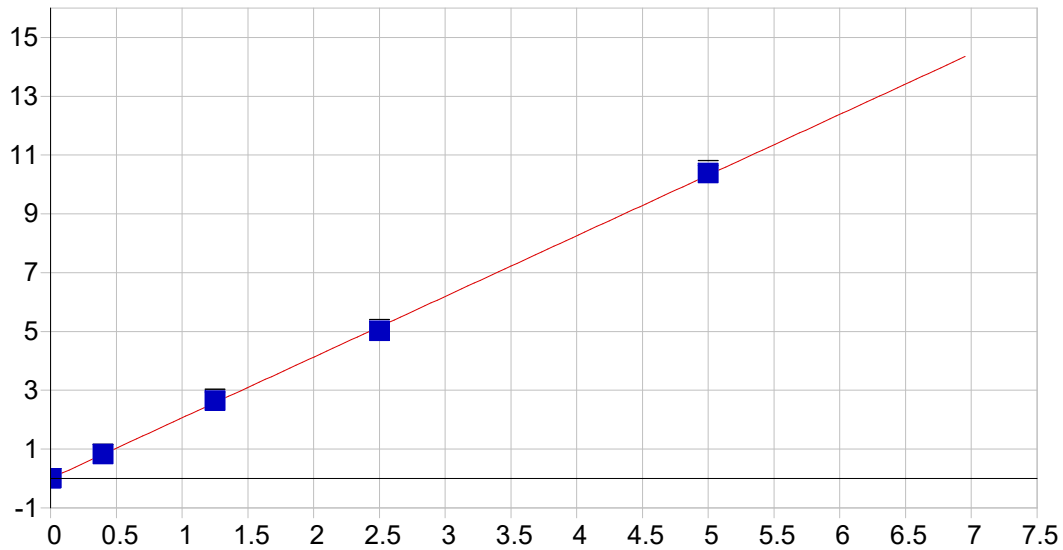


Be 234.861 {144}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000239 Re-Slope: 1.000000
 A1 (Gain): 3.519868 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999484 Status: OK.
 Std Error of Est: 0.000324
 Predicted MDL: 0.000054
 Predicted MQL: 0.000181

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00024	.000	1
S1	.00600	.00671	.001	11.8	.02322	.000	1
S3	.12500	.13344	.008	6.75	.46749	.000	1
S4	.25000	.24448	-.006	-2.21	.85634	.004	1
S5	.50000	.49436	-.006	-1.13	1.7320	.015	1
S2	.04000	.04201	.002	5.04	.14702	.001	1

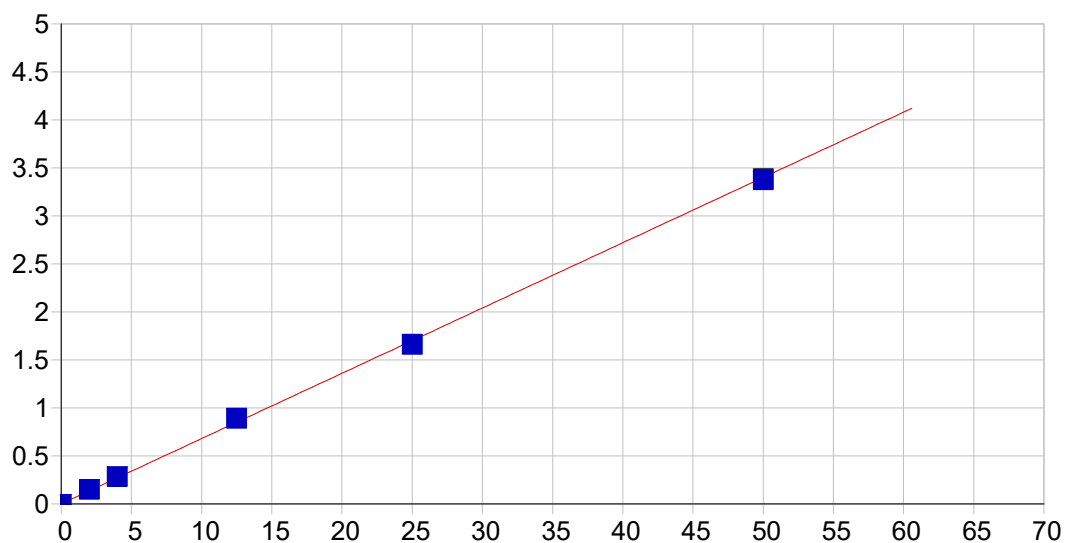


Cd 226.502 {449}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000008	Re-Slope:	1.000000
A1 (Gain):	2.063993	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999841	Status:	OK.
Std Error of Est:	0.000334		
Predicted MDL:	0.000082		
Predicted MQL:	0.000274		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.00600	.00657	.001	9.50	.01362	.000	1
S3	1.2500	1.2830	.033	2.64	2.6504	.047	1
S4	2.5000	2.4336	-.066	-2.66	5.0274	.048	1
S5	5.0000	5.0331	.033	.663	10.397	.084	1
S2	.40000	.39971	-.000	-.072	.82572	.004	1

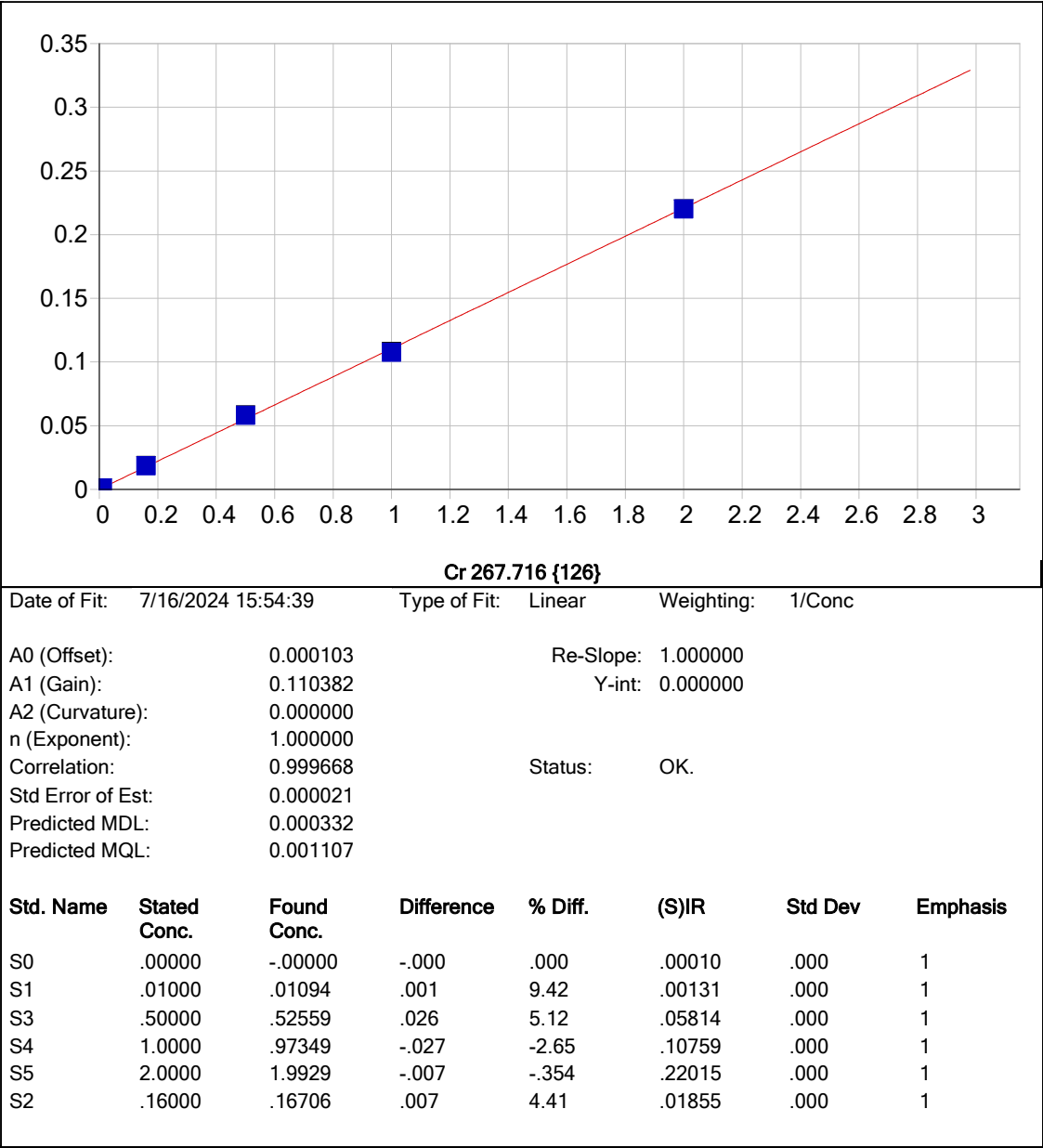


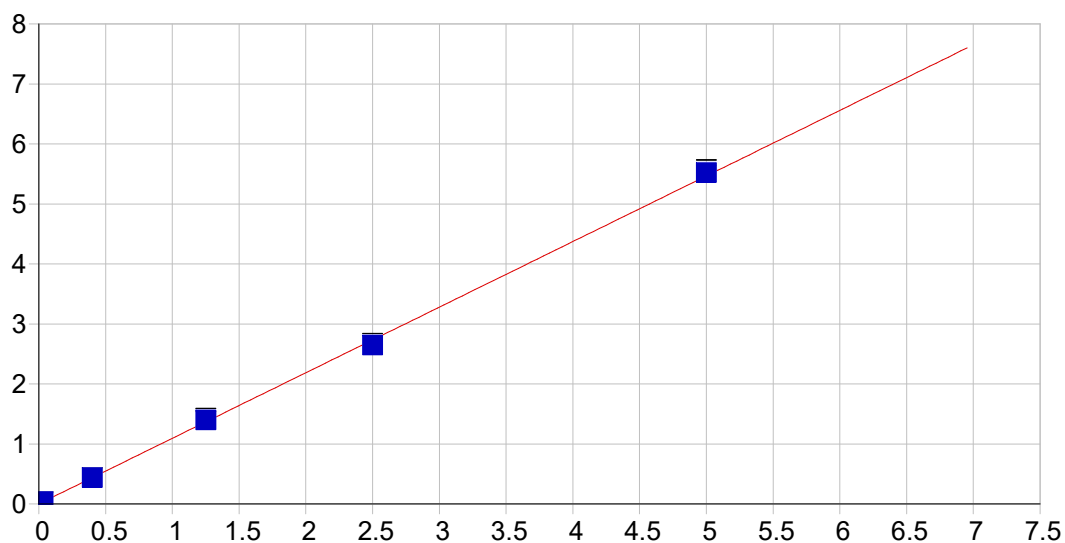
Ca 373.690 { 90}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000814 Re-Slope: 1.000000
 A1 (Gain): 0.067998 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999622 Status: OK.
 Std Error of Est: 0.000987
 Predicted MDL: 0.005507
 Predicted MQL: 0.018356

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00032	-.000	.000	.00079	.000	1
S2	4.0000	4.1512	.151	3.78	.28232	.001	1
S3	12.500	13.067	.567	4.54	.88697	.003	1
S4	25.000	24.405	-.595	-2.38	1.6555	.002	1
S5	50.000	49.665	-.335	-.670	3.3683	.007	1
S1	2.0000	2.2117	.212	10.6	.15111	.000	1



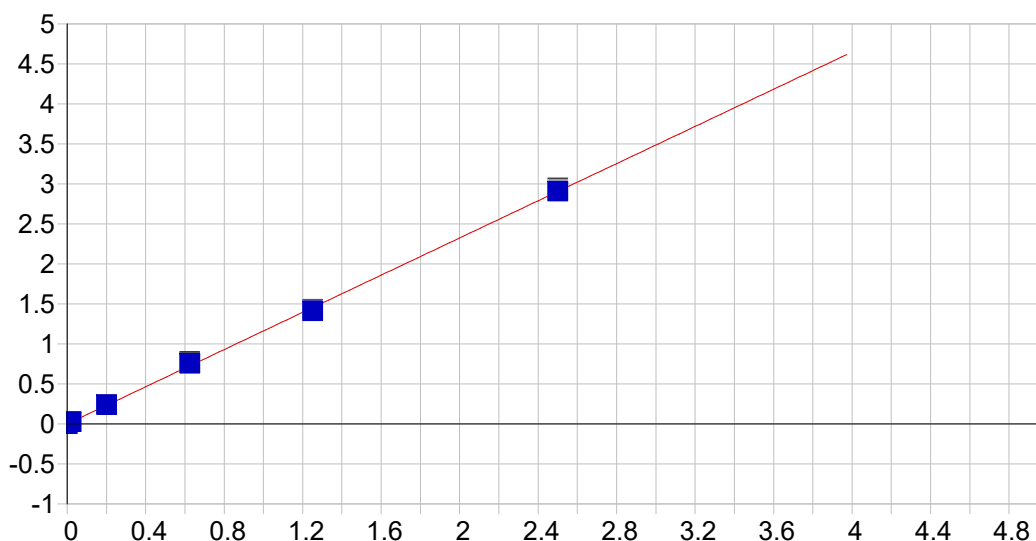


Co 228.616 {448}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000217	Re-Slope:	1.000000
A1 (Gain):	1.093066	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999796	Status:	OK.
Std Error of Est:	0.000449		
Predicted MDL:	0.000160		
Predicted MQL:	0.000534		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00022	.000	1
S1	.03000	.03175	.002	5.82	.03478	.000	1
S3	1.2500	1.2795	.030	2.36	1.4011	.027	1
S4	2.5000	2.4214	-.079	-3.15	2.6515	.024	1
S5	5.0000	5.0487	.049	.975	5.5281	.044	1
S2	.40000	.39867	-.001	-.331	.43674	.002	1

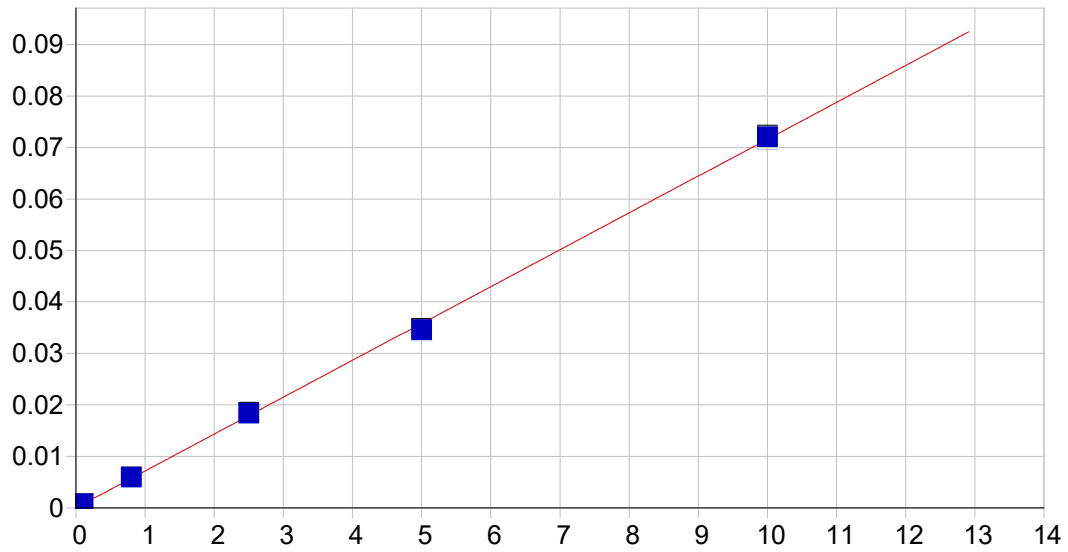


Cu 224.700 {450}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000573	Re-Slope:	1.000000
A1 (Gain):	1.162345	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999735	Status:	OK.
Std Error of Est:	0.000316		
Predicted MDL:	0.000302		
Predicted MQL:	0.001007		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00058	.000	1
S1	.02000	.02266	.003	13.3	.02599	.000	1
S3	.62500	.65023	.025	4.04	.76040	.015	1
S4	1.2500	1.2155	-.034	-2.76	1.4227	.011	1
S5	2.5000	2.5011	.001	.045	2.9273	.020	1
S2	.20000	.20544	.005	2.72	.23987	.001	1

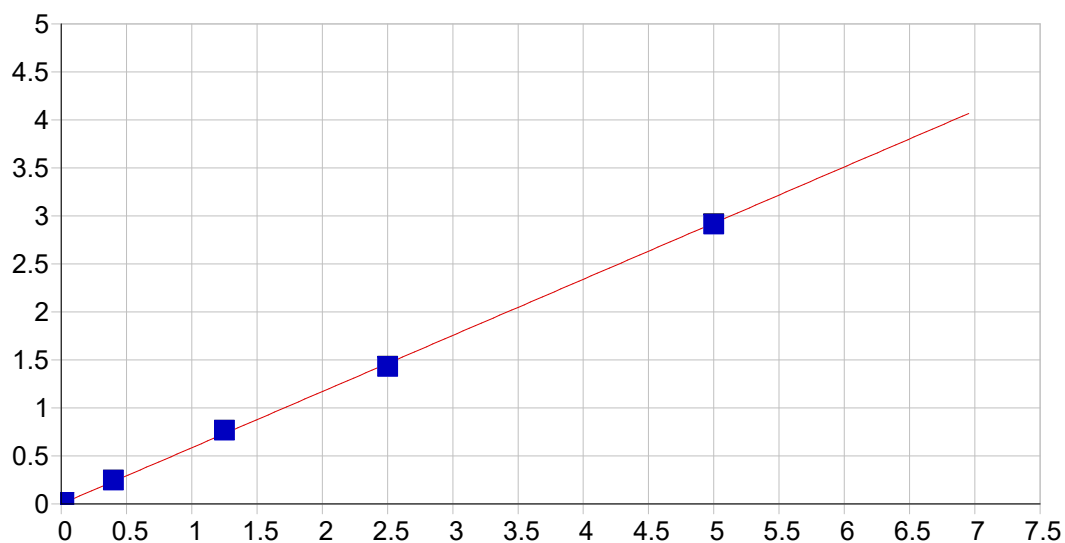


Fe 240.488 {140}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000035 Re-Slope: 1.000000
 A1 (Gain): 0.007158 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999745 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.002615
 Predicted MQL: 0.008717

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00004	.000	1
S1	.10000	.10712	.007	7.12	.00079	.000	1
S3	2.5000	2.5666	.067	2.66	.01825	.000	1
S4	5.0000	4.8326	-.167	-3.35	.03432	.000	1
S5	10.000	10.067	.067	.671	.07149	.000	1
S2	.80000	.82662	.027	3.33	.00590	.000	1

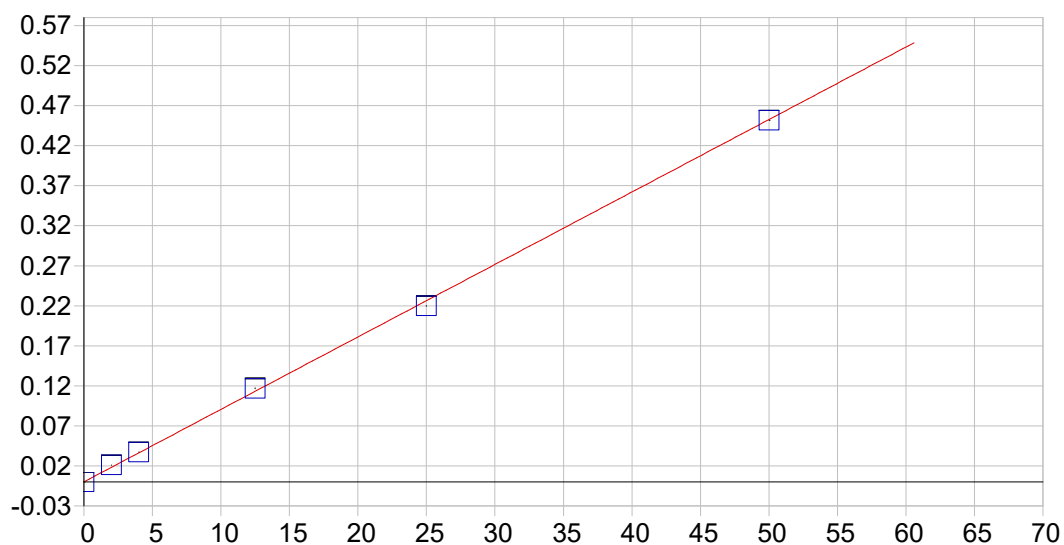


Mn 257.610 {131}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000114	Re-Slope:	1.000000
A1 (Gain):	0.584955	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999711	Status:	OK.
Std Error of Est:	0.000233		
Predicted MDL:	0.000221		
Predicted MQL:	0.000737		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.02000	.02249	.002	12.5	.01327	.000	1
S3	1.2500	1.3082	.058	4.66	.76543	.003	1
S4	2.5000	2.4429	-.057	-2.28	1.4293	.003	1
S5	5.0000	4.9777	-.022	-.447	2.9121	.006	1
S2	.40000	.41875	.019	4.69	.24509	.001	1

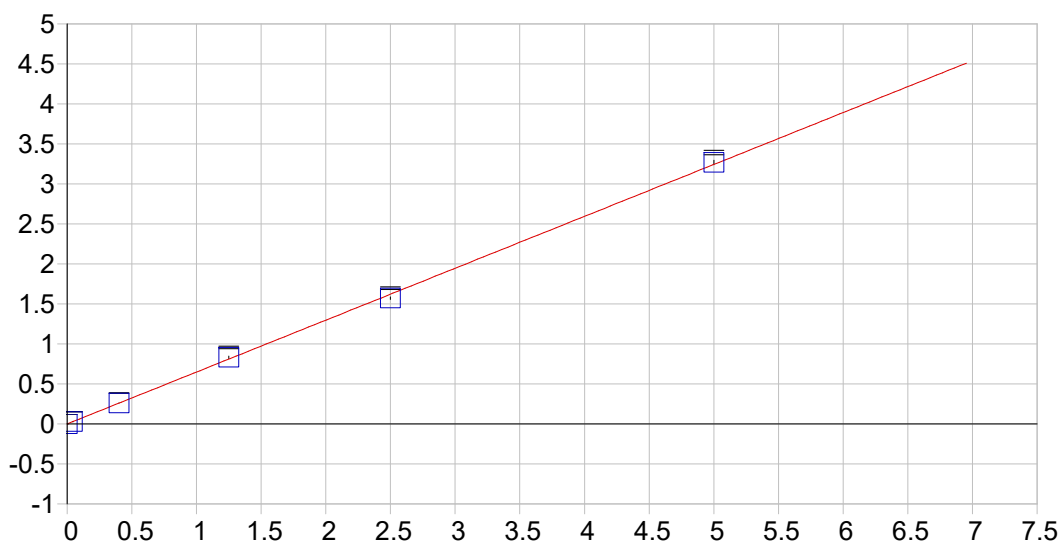


Mg 279.079 {121}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000045 Re-Slope: 1.000000
 A1 (Gain): 0.009052 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999516 Status: OK.
 Std Error of Est: 0.000149
 Predicted MDL: 0.015328
 Predicted MQL: 0.051095

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00038	-.000	.000	.00004	.000	1
S2	4.0000	4.0918	.092	2.29	.03708	.000	1
S3	12.500	12.904	.404	3.23	.11684	.001	1
S4	25.000	24.276	-.724	-2.89	.21979	.000	1
S5	50.000	49.899	-.101	-.202	.45171	.000	1
S1	2.0000	2.3290	.329	16.5	.02113	.000	1

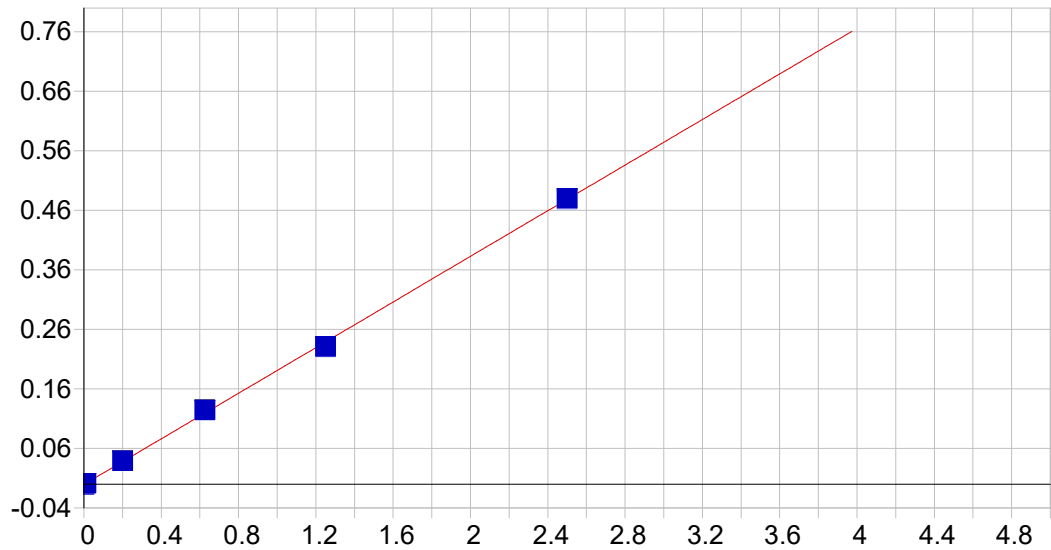


Ni 231.604 {446}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000008 Re-Slope: 1.000000
A1 (Gain): 0.648575 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999796 Status: OK.
Std Error of Est: 0.000307
Predicted MDL: 0.000266
Predicted MQL: 0.000886

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.04000	.04359	.004	8.98	.02826	.000	1
S3	1.2500	1.2812	.031	2.49	.83093	.015	1
S4	2.5000	2.4238	-.076	-3.05	1.5720	.015	1
S5	5.0000	5.0395	.040	.790	3.2685	.028	1
S2	.40000	.40193	.002	.483	.26067	.001	1

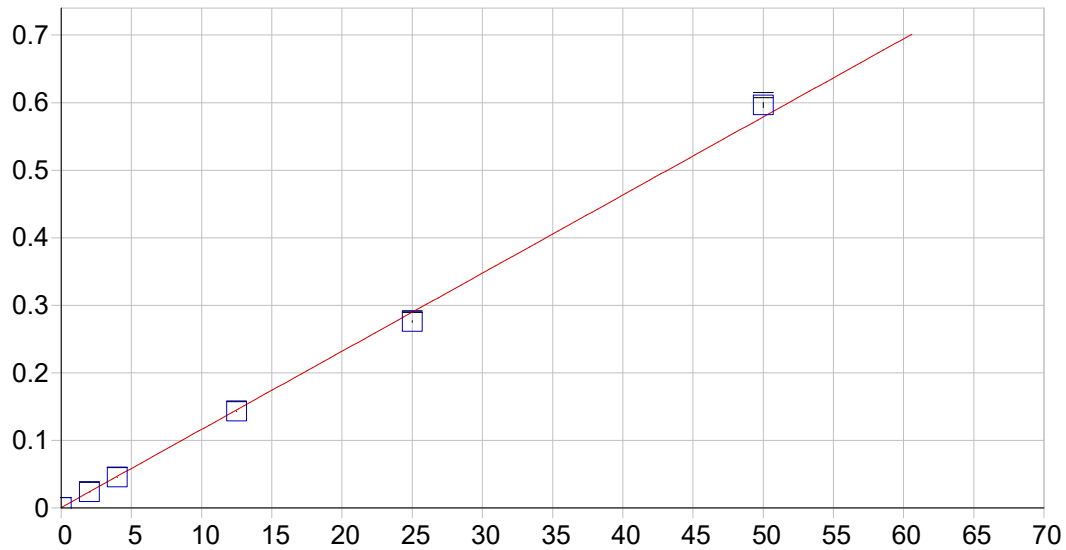


Ag 328.068 {103}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000639 Re-Slope: 1.000000
A1 (Gain): 0.191684 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999670 Status: OK.
Std Error of Est: 0.000041
Predicted MDL: 0.000328
Predicted MQL: 0.001094

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00064	.000	1
S1	.01000	.01133	.001	13.3	.00152	.000	1
S3	.62500	.65185	.027	4.30	.12385	.000	1
S4	1.2500	1.2081	-.042	-3.35	.23001	.000	1
S5	2.5000	2.5066	.007	.263	.47799	.000	1
S2	.20000	.20713	.007	3.56	.03892	.000	1

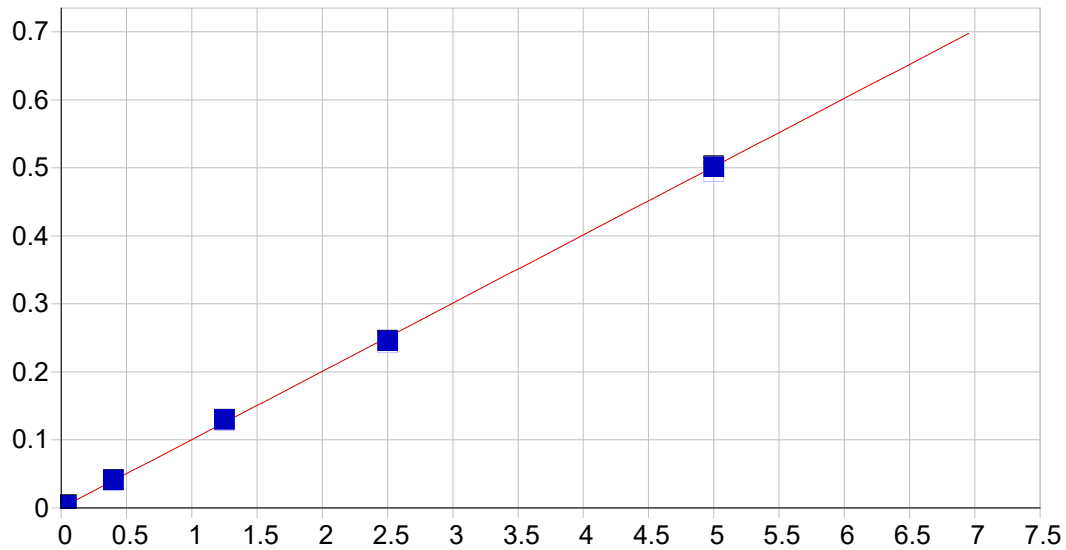


Na 589.592 { 57}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000626 Re-Slope: 1.000000
 A1 (Gain): 0.011563 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999411 Status: OK.
 Std Error of Est: 0.000210
 Predicted MDL: 0.009011
 Predicted MQL: 0.030038

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00014	.000	.000	.00063	.000	1
S2	4.0000	3.8712	-.129	-3.22	.04539	.000	1
S3	12.500	12.315	-.185	-1.48	.14303	.001	1
S4	25.000	23.806	-1.19	-4.77	.27591	.001	1
S5	50.000	51.519	1.52	3.04	.59636	.004	1
S1	2.0000	1.9886	-.011	-.572	.02362	.000	1

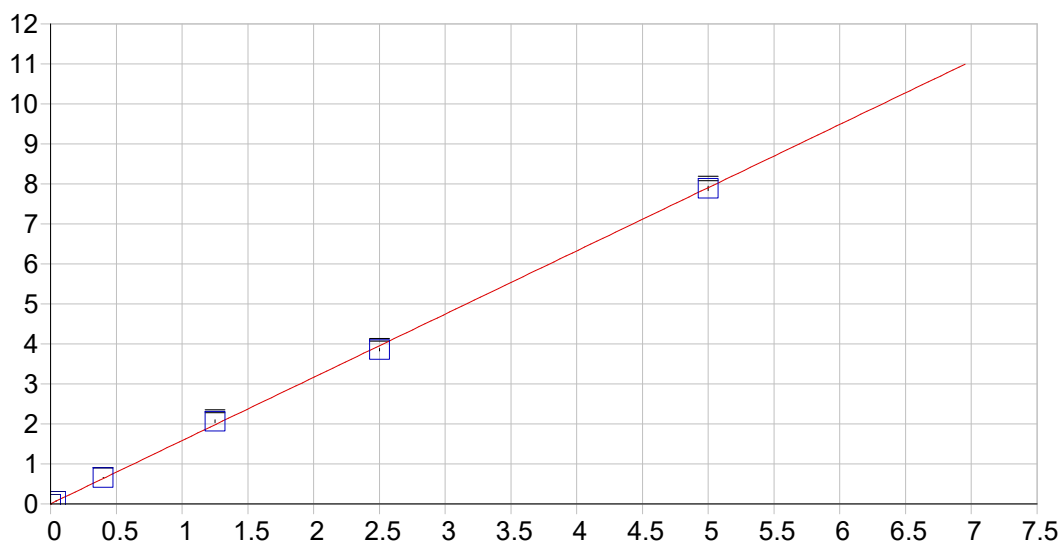


V 292.402 {115}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000041	Re-Slope:	1.000000
A1 (Gain):	0.100345	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999844	Status:	OK.
Std Error of Est:	0.000041		
Predicted MDL:	0.001580		
Predicted MQL:	0.005268		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.04000	.04258	.003	6.46	.00416	.000	1
S3	1.2500	1.2918	.042	3.34	.12784	.000	1
S4	2.5000	2.4489	-.051	-2.04	.24212	.001	1
S5	5.0000	4.9983	-.002	-.034	.49428	.001	1
S2	.40000	.40854	.009	2.13	.04045	.000	1

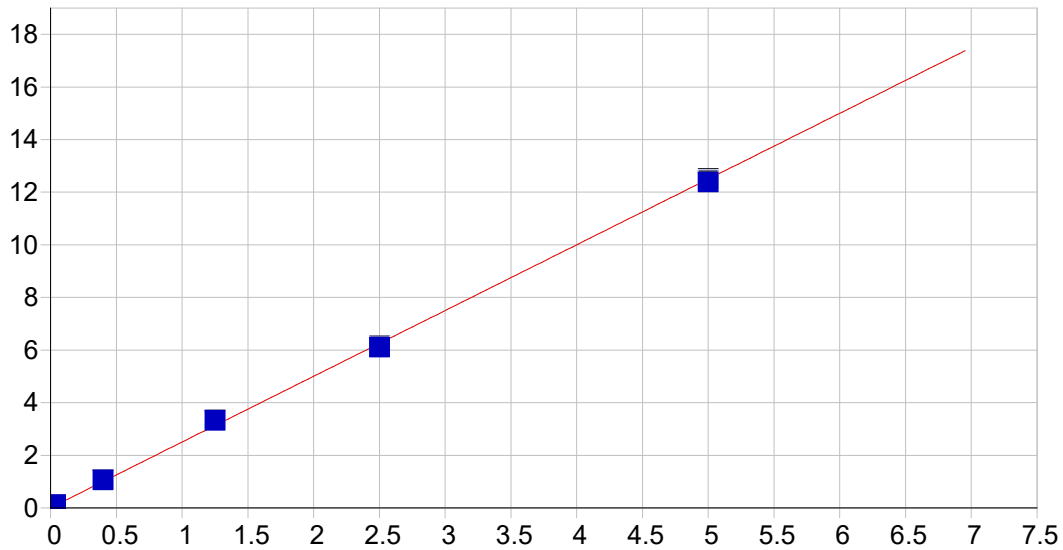


Zn 206.200 {464}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002417	Re-Slope:	1.000000
A1 (Gain):	1.580855	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999701	Status:	OK.
Std Error of Est:	0.000908		
Predicted MDL:	0.000142		
Predicted MQL:	0.000473		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00240	.000	1
S1	.04000	.04601	.006	15.0	.07516	.000	1
S3	1.2500	1.3057	.056	4.46	2.0665	.035	1
S4	2.5000	2.4369	-.063	-2.52	3.8548	.034	1
S5	5.0000	4.9874	-.013	-.253	7.8867	.058	1
S2	.40000	.41406	.014	3.51	.65698	.002	1

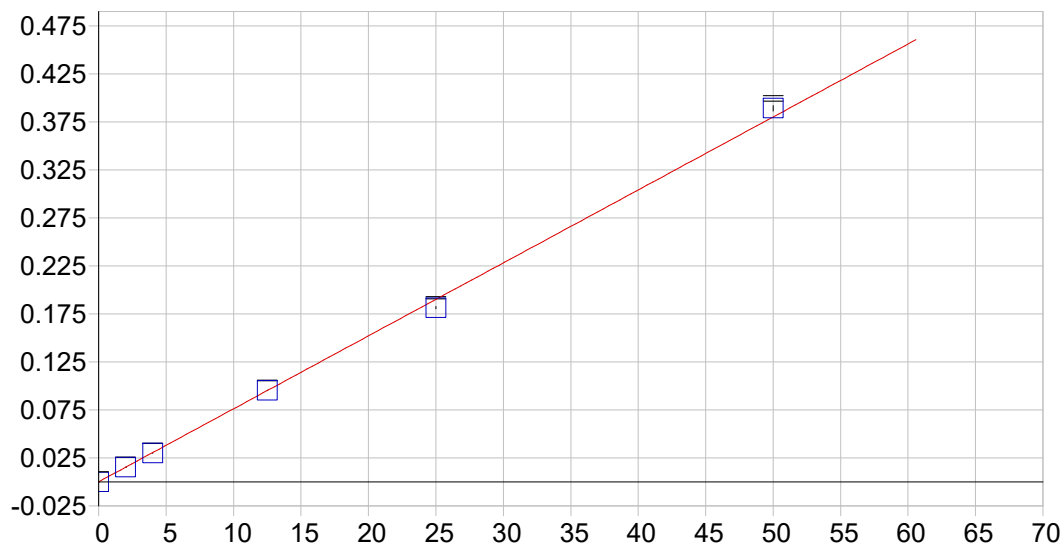


Zn 213.856 {158}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004907 Re-Slope: 1.000000
 A1 (Gain): 2.499200 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999561 Status: OK.
 Std Error of Est: 0.001749
 Predicted MDL: 0.000206
 Predicted MQL: 0.000687

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00489	.000	1
S1	.04000	.04517	.005	12.9	.11850	.001	1
S3	1.2500	1.3257	.076	6.06	3.3399	.005	1
S4	2.5000	2.4428	-.057	-2.29	6.1533	.003	1
S5	5.0000	4.9545	-.046	-.911	12.474	.048	1
S2	.40000	.42186	.022	5.46	1.0662	.005	1

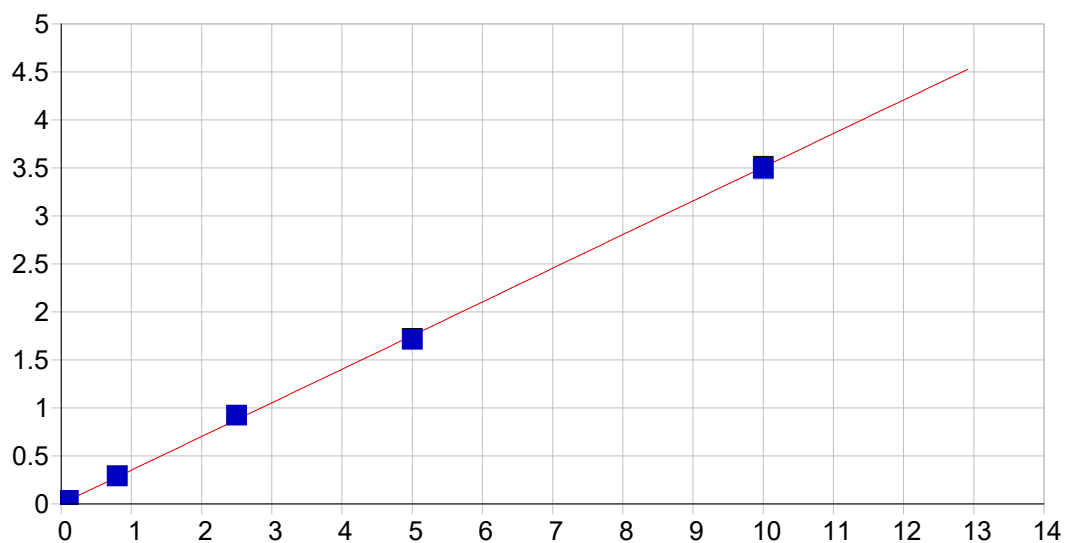


K 766.490 { 44}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000120 Re-Slope: 1.000000
 A1 (Gain): 0.007601 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999559 Status: OK.
 Std Error of Est: 0.000119
 Predicted MDL: 0.018915
 Predicted MQL: 0.063049

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00012	.000	1
S2	4.0000	3.9232	-.077	-1.92	.02994	.000	1
S3	12.500	12.530	.030	.236	.09535	.000	1
S4	25.000	23.859	-1.14	-4.56	.18147	.001	1
S5	50.000	51.199	1.20	2.40	.38927	.003	1
S1	2.0000	1.9890	-.011	-.551	.01524	.000	1

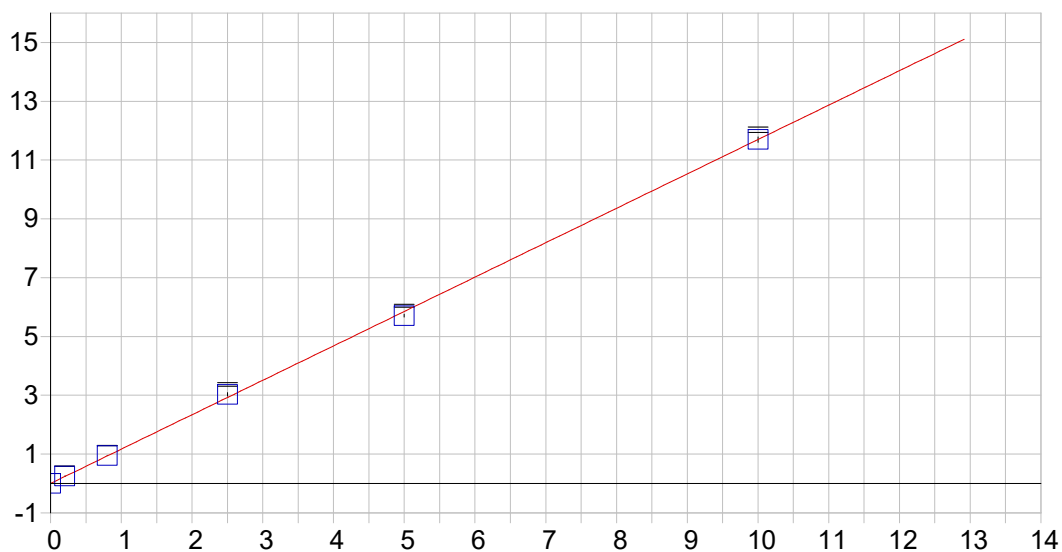


B 249.678 {135}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000590 Re-Slope: 1.000000
 A1 (Gain): 0.350599 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999718 Status: OK.
 Std Error of Est: 0.000436
 Predicted MDL: 0.000628
 Predicted MQL: 0.002092

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00059	.000	1
S1	.10000	.10732	.007	7.32	.03803	.000	1
S3	2.5000	2.6272	.127	5.09	.91909	.001	1
S4	5.0000	4.8859	-.114	-2.28	1.7084	.009	1
S5	10.000	9.9589	-.041	-.411	3.4818	.025	1
S2	.80000	.82073	.021	2.59	.28751	.001	1

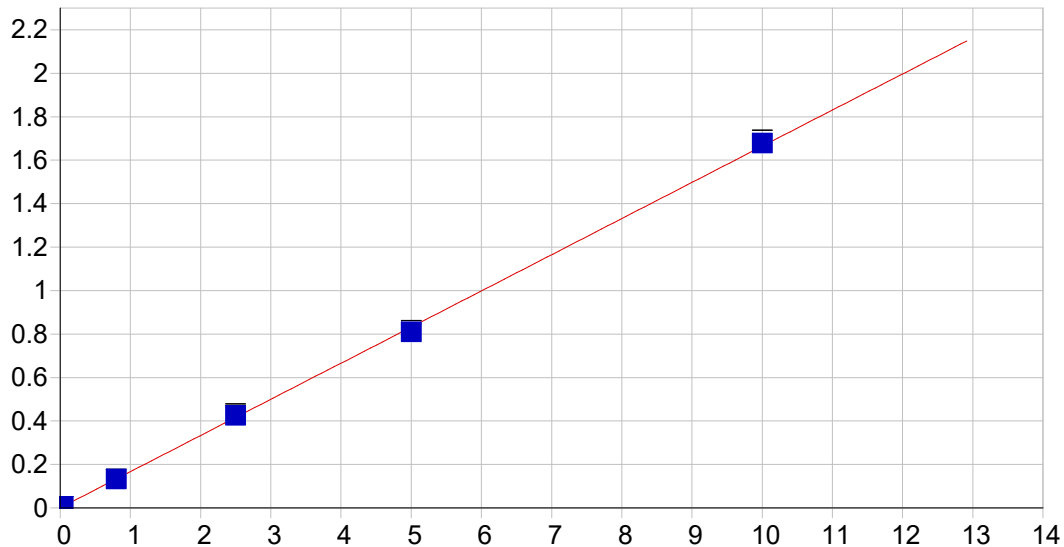


Mo 202.030 {467}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000258 Re-Slope: 1.000000
 A1 (Gain): 1.169926 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999778 Status: OK.
 Std Error of Est: 0.001834
 Predicted MDL: 0.000197
 Predicted MQL: 0.000656

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00023	.000	1
S1	.20000	.21846	.018	9.23	.25584	.000	1
S3	2.5000	2.5909	.091	3.64	3.0315	.059	1
S4	5.0000	4.8785	-.121	-2.43	5.7078	.050	1
S5	10.000	9.9982	-.002	-.018	11.697	.093	1
S2	.80000	.81383	.014	1.73	.95238	.005	1

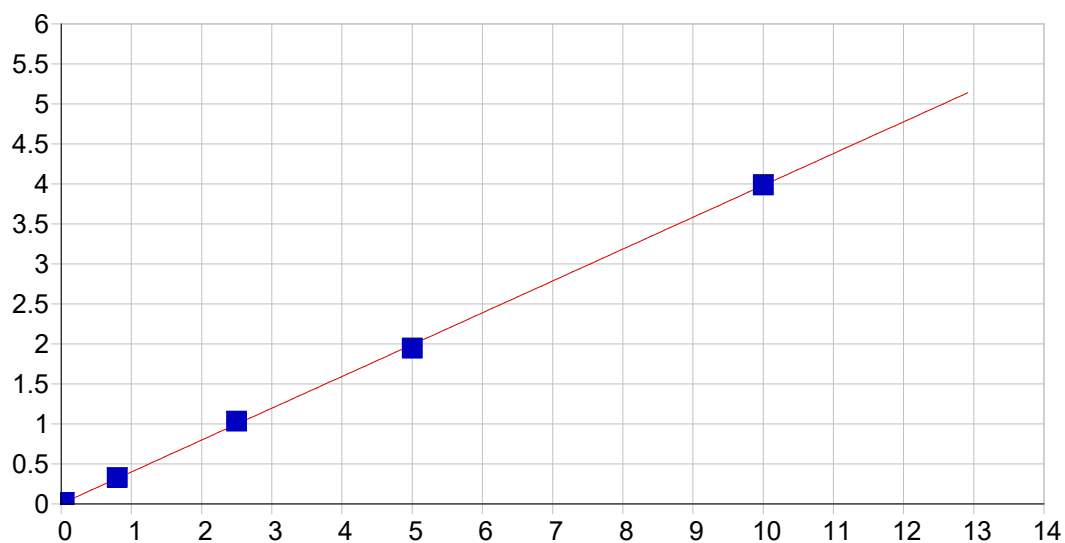


Sn 189.989 {478}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000287 Re-Slope: 1.000000
 A1 (Gain): 0.166384 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999837 Status: OK.
 Std Error of Est: 0.000100
 Predicted MDL: 0.000558
 Predicted MQL: 0.001859

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00029	.000	1
S1	.04000	.04176	.002	4.39	.00723	.000	1
S3	2.5000	2.5548	.055	2.19	.42494	.007	1
S4	5.0000	4.8620	-.138	-2.76	.80840	.008	1
S5	10.000	10.089	.089	.894	1.6773	.015	1
S2	.80000	.79197	-.008	-1.00	.13192	.001	1

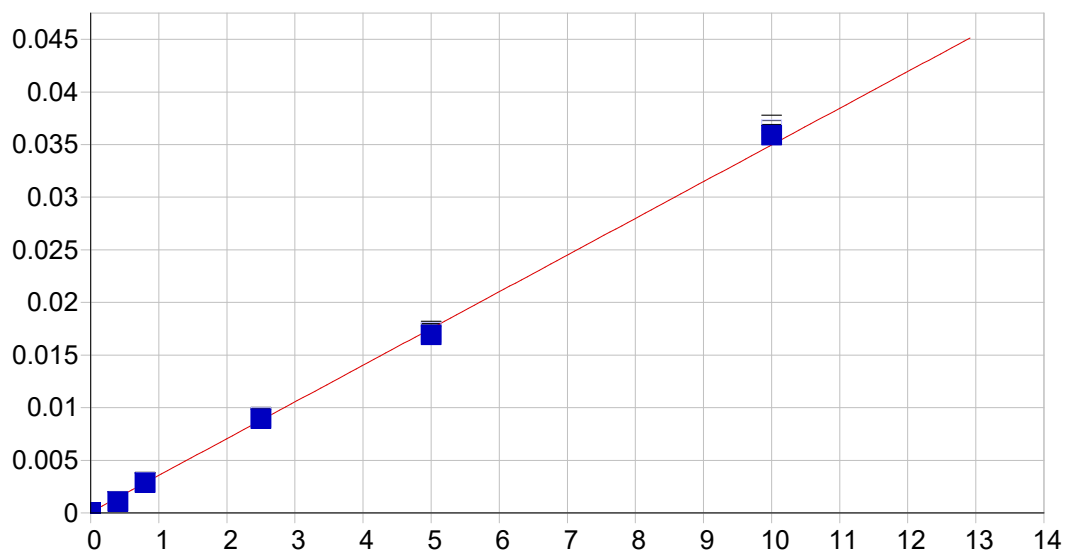


Ti 336.121 {100}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001698 Re-Slope: 1.000000
A1 (Gain): 0.397883 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999822 Status: OK.
Std Error of Est: 0.000249
Predicted MDL: 0.000603
Predicted MQL: 0.002011

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00170	.000	1
S1	.04000	.04160	.002	4.00	.01824	.000	1
S3	2.5000	2.5907	.091	3.63	1.0321	.001	1
S4	5.0000	4.8822	-.118	-2.36	1.9435	.002	1
S5	10.000	10.008	.008	.080	3.9823	.007	1
S2	.80000	.81749	.017	2.19	.32685	.000	1

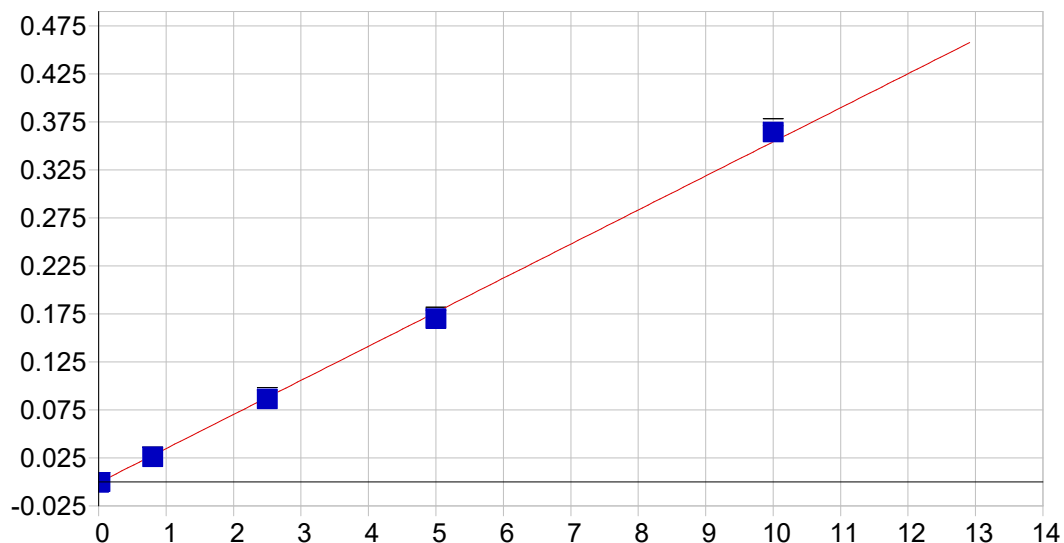


Si 288.158 {117}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000077 Re-Slope: 1.000000
 A1 (Gain): 0.003489 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998753 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.006606
 Predicted MQL: 0.022021

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00012	.000	.000	.00008	.000	1
S1	.40000	.28325	-.117	-29.2	.00107	.000	1
S3	2.5000	2.5367	.037	1.47	.00906	.000	1
S4	5.0000	4.8201	-.180	-3.60	.01716	.000	1
S5	10.000	10.263	.263	2.63	.03641	.000	1
S2	.80000	.79523	-.005	-.596	.00289	.000	1

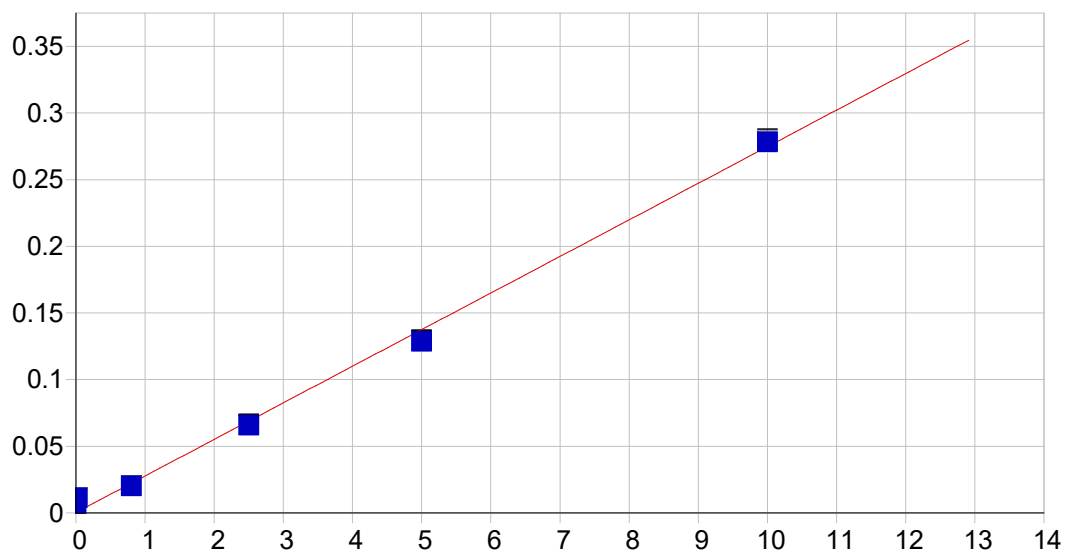


P 177.495 {490}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000754 Re-Slope: 1.000000
 A1 (Gain): 0.035497 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999472 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.002190
 Predicted MQL: 0.007299

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00075	.000	1
S1	.02000	.01829	-.002	-8.56	-.00010	.000	1
S3	2.5000	2.4567	-.043	-1.73	.08644	.001	1
S4	5.0000	4.8109	-.189	-3.78	.16999	.002	1
S5	10.000	10.285	.285	2.85	.36427	.004	1
S2	.80000	.74938	-.051	-6.33	.02584	.000	1

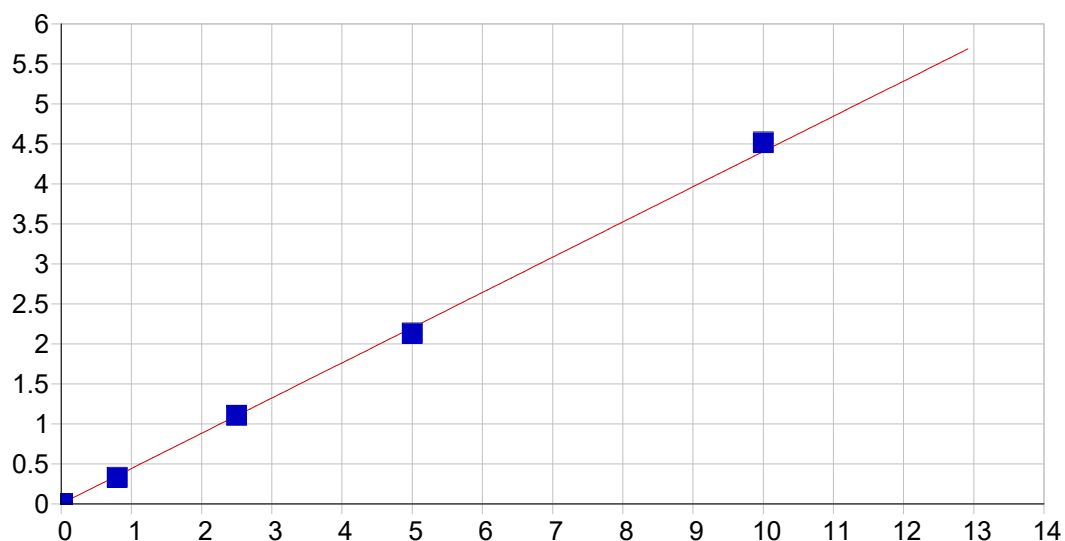


S 182.034 {485}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000274 Re-Slope: 1.000000
 A1 (Gain): 0.027445 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.846600 Status: OK.
 Std Error of Est: 0.000403
 Predicted MDL: 0.002735
 Predicted MQL: 0.009116

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00037	-.000	.000	.00026	.000	1
S1	.02000	.39845	.378	1890.	.01119	.000	1
S3	2.5000	2.3881	-.112	-4.48	.06564	.001	1
S4	5.0000	4.6786	-.321	-6.43	.12832	.001	1
S5	10.000	10.141	.141	1.41	.27789	.002	1
S2	.80000	.72889	-.071	-8.89	.02022	.000	1

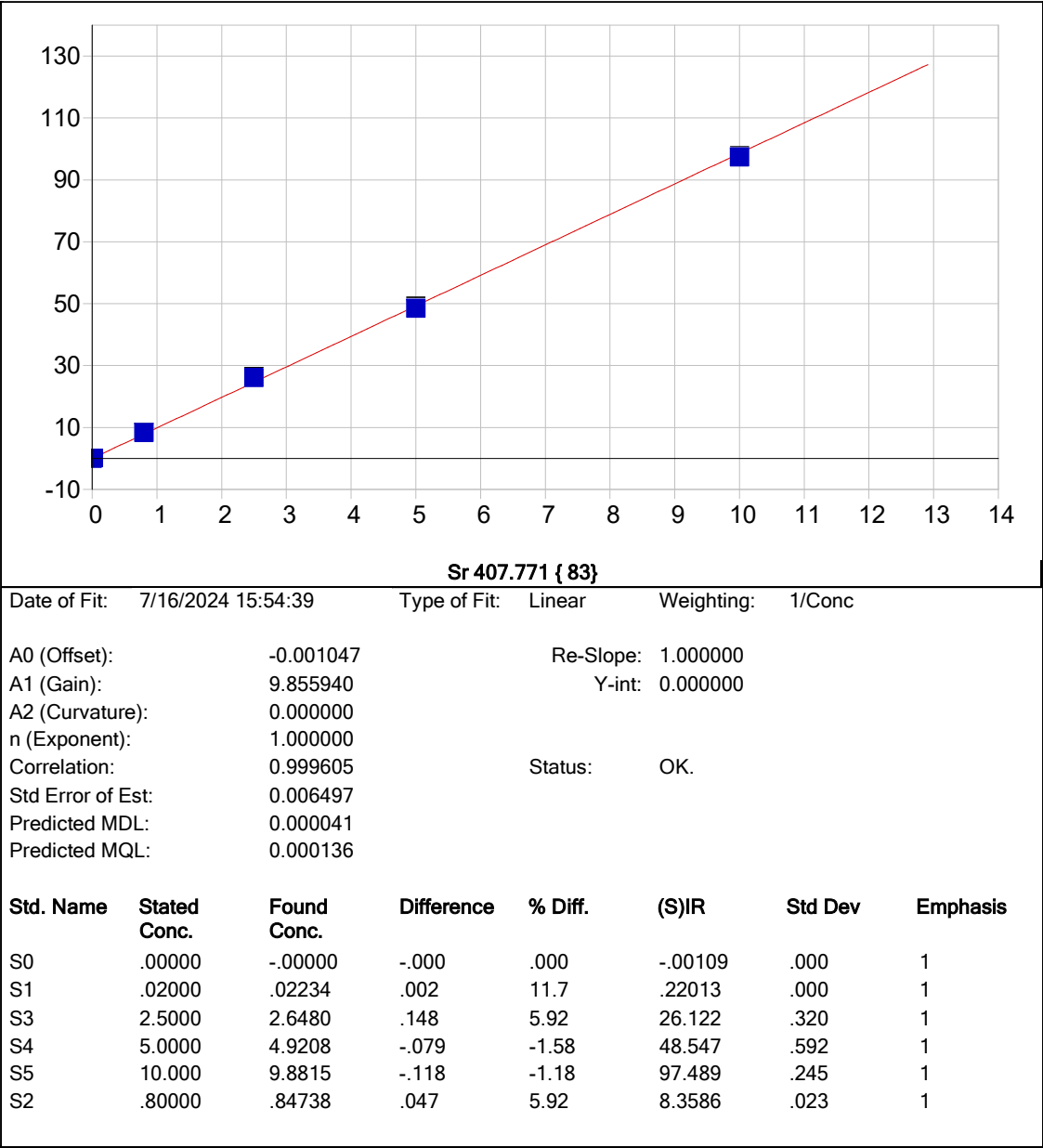


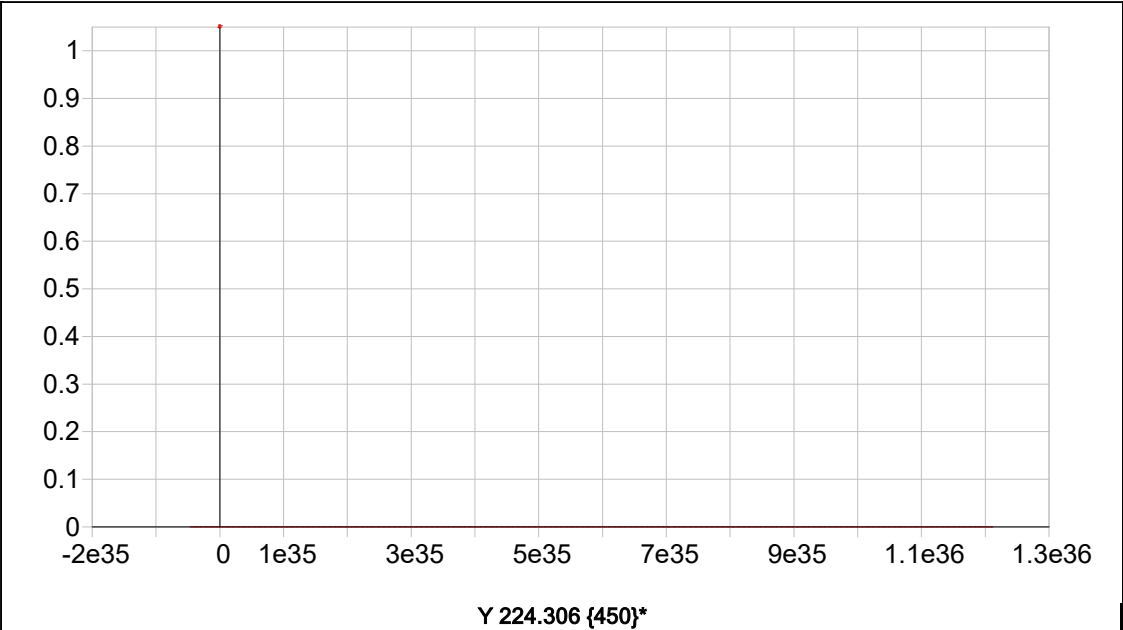
Li 670.784 { 50}

Date of Fit: 7/16/2024 15:54:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002086	Re-Slope:	1.000000
A1 (Gain):	0.440245	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998988	Status:	OK.
Std Error of Est:	0.000465		
Predicted MDL:	0.002058		
Predicted MQL:	0.006861		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00210	.000	1
S5	10.000	10.247	.247	2.47	4.5171	.007	1
S4	5.0000	4.8312	-.169	-3.38	2.1310	.004	1
S3	2.5000	2.4989	-.001	-.044	1.1032	.004	1
S1	.02000	-.00074	-.021	-104.	.00192	.000	1
S2	.80000	.74425	-.056	-6.97	.33006	.001	1





Date of Fit:		7/16/2024 15:54:39		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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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					
n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

Sample Name: S0 Acquired: 7/16/2024 14:12:39 Type: Cal
Method: NON EPA-6010-200.7(v2325) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	-.00025	.00009	-.00031	.00040	.00011	.00027	-.00021	-.00024
Stddev	.00022	.00005	.00002	.00003	.00010	.00041	.00172	.00011
%RSD	86.965	49.191	5.2655	8.1425	89.918	151.45	829.84	44.400
#1	-.00025	.00015	-.00030	.00038	.00014	-.00001	-.00219	-.00015
#2	-.00047	.00007	-.00032	.00044	.00019	.00009	.00077	-.00022
#3	-.00003	.00006	-.00030	.00039	-.00000	.00074	.00080	-.00036
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	-.00001	.00079	.00010	.00022	-.00058	.00004	.00011	.00004
Stddev	.00019	.00001	.00002	.00002	.00038	.00002	.00002	.00006
%RSD	2000.2	.73426	17.921	11.302	65.365	46.504	20.148	142.34
#1	.00009	.00079	.00010	.00024	-.00085	.00004	.00012	.00011
#2	-.00023	.00080	.00012	.00020	-.00073	.00005	.00012	-.00001
#3	.00011	.00079	.00008	.00020	-.00015	.00002	.00009	.00002
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	-.00001	-.00064	.00063	.00004	.00489	.00012	.00059	.00023
Stddev	.00012	.00003	.00006	.00002	.00017	.00013	.00011	.00025
%RSD	1136.9	4.2823	8.9893	42.695	3.5709	111.75	18.762	111.00
#1	-.00012	-.00067	.00065	.00006	.00508	.00018	.00068	-.00006
#2	.00012	-.00061	.00056	.00002	.00475	-.00003	.00047	.00042
#3	-.00003	-.00064	.00067	.00004	.00482	.00021	.00061	.00032
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	.00029	.00170	.00008	-.00075	.00026	.00210	-.00109	
Stddev	.00004	.00012	.00001	.00009	.00007	.00041	.00048	
%RSD	14.177	6.8389	7.7162	11.725	28.100	19.720	44.249	
#1	.00032	.00177	.00007	-.00085	.00023	.00170	-.00134	
#2	.00024	.00156	.00008	-.00068	.00021	.00252	-.00053	
#3	.00030	.00175	.00008	-.00073	.00035	.00207	-.00139	

Sample Name: S0 Acquired: 7/16/2024 14:12:39 Type: Cal
Method: NON EPA-6010-200.7(v2325) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	3006.7	104690.	15701.	3865.7	5703.5
Stddev	28.8	282.	81.	10.2	62.6
%RSD	.95661	.26932	.51622	.26486	1.0974
#1	2990.1	104780.	15779.	3863.7	5653.5
#2	3039.9	104910.	15708.	3876.8	5773.7
#3	2990.1	104370.	15617.	3856.6	5683.3

Sample Name: S1 Acquired: 7/16/2024 14:17:04 Type: Cal
Method: NON EPA-6010-200.7(v2325) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	.00187	.00265	.00300	.00235	.00989	.00703	.32561	.02322
Stddev	.00013	.00007	.00015	.00010	.00014	.00038	.00084	.00013
%RSD	6.8573	2.6909	4.9773	4.1873	1.4457	5.4497	.25647	.56262
#1	.00173	.00264	.00312	.00225	.00972	.00671	.32481	.02334
#2	.00199	.00259	.00306	.00236	.00998	.00692	.32553	.02325
#3	.00189	.00273	.00283	.00244	.00996	.00746	.32648	.02308
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	.01362	.15111	.00131	.03478	.02599	.00079	.01327	.02113
Stddev	.00011	.00030	.00002	.00029	.00011	.00001	.00019	.00019
%RSD	.79170	.19647	1.5484	.83080	.40543	1.3703	1.4002	.88400
#1	.01371	.15091	.00129	.03511	.02611	.00080	.01315	.02111
#2	.01350	.15097	.00131	.03468	.02596	.00079	.01349	.02095
#3	.01363	.15145	.00133	.03456	.02591	.00078	.01318	.02132
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	.02826	.00152	.02362	.00416	.11850	.01524	.03803	.25584
Stddev	.00012	.00003	.00003	.00020	.00062	.00006	.00029	.00015
%RSD	.43298	1.9538	.11862	4.8432	.52420	.41476	.76940	.05864
#1	.02840	.00151	.02360	.00402	.11866	.01517	.03837	.25570
#2	.02815	.00155	.02365	.00439	.11781	.01529	.03786	.25581
#3	.02824	.00150	.02361	.00408	.11901	.01526	.03786	.25600
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	.00723	.01824	.00107	-.00010	.01119	.00192	.22013	
Stddev	.00003	.00017	.00001	.00003	.00008	.00034	.00046	
%RSD	.35984	.91272	1.1014	31.276	.69576	17.610	.20847	
#1	.00720	.01824	.00108	-.00013	.01114	.00168	.22061	
#2	.00723	.01807	.00105	-.00012	.01128	.00230	.22008	
#3	.00725	.01840	.00107	-.00007	.01114	.00176	.21970	

Sample Name: S1 Acquired: 7/16/2024 14:17:04 Type: Cal
Method: NON EPA-6010-200.7(v2325) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	2946.8	107690.	15631.	3965.2	5545.5
Stddev	4.9	84.	50.	12.2	4.8
%RSD	.16588	.07823	.31908	.30828	.08717
#1	2947.7	107630.	15575.	3961.7	5543.0
#2	2951.3	107790.	15646.	3978.8	5551.0
#3	2941.6	107650.	15672.	3955.1	5542.4

Sample Name: S2 Acquired: 7/16/2024 14:21:28 Type: Cal
Method: NON EPA-6010-200.7(v2325) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	.08248	.05062	.18038	.07582	.14428	.10256	5.0575	.14702
Stddev	.00031	.00112	.00123	.00068	.00067	.00037	.0200	.00068
%RSD	.37653	2.2214	.68119	.89538	.46542	.36406	.39601	.45934

#1	.08282	.05169	.18179	.07657	.14500	.10265	5.0617	.14776
#2	.08241	.04945	.17956	.07524	.14418	.10215	5.0752	.14686
#3	.08222	.05071	.17978	.07565	.14367	.10288	5.0358	.14644

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	.82572	.28232	.01855	.43674	.23987	.00590	.24509	.03708
Stddev	.00358	.00073	.00005	.00178	.00129	.00005	.00055	.00006
%RSD	.43405	.25697	.24600	.40797	.53586	.77658	.22509	.16656

#1	.82975	.28263	.01855	.43879	.24092	.00589	.24514	.03715
#2	.82287	.28149	.01850	.43562	.23844	.00586	.24452	.03704
#3	.82456	.28283	.01859	.43580	.24026	.00595	.24562	.03705

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	.26067	.03892	.04539	.04045	1.0662	.02994	.28751	.95238
Stddev	.00138	.00004	.00027	.00015	.0053	.00019	.00103	.00505
%RSD	.52886	.09348	.59298	.36410	.49602	.63718	.35954	.53032

#1	.26225	.03887	.04511	.04036	1.0677	.02972	.28869	.95731
#2	.25970	.03893	.04565	.04062	1.0603	.03004	.28679	.94722
#3	.26007	.03894	.04542	.04037	1.0706	.03005	.28704	.95261

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	.13192	.32685	.00289	.02584	.02022	.33006	8.3586	
Stddev	.00098	.00032	.00003	.00020	.00015	.00109	.0234	
%RSD	.74604	.09909	.89908	.78750	.75621	.33169	.28056	

#1	.13293	.32684	.00287	.02605	.02033	.32953	8.3771	
#2	.13097	.32653	.00289	.02564	.02005	.33132	8.3665	
#3	.13186	.32718	.00292	.02583	.02029	.32932	8.3322	

Sample Name: S2 Acquired: 7/16/2024 14:21:28 Type: Cal
Method: NON EPA-6010-200.7(v2325) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	2978.9	104020.	15891.	3844.3	5633.2
Stddev	11.2	161.	74.	15.3	25.1
%RSD	.37523	.15455	.46729	.39859	.44646
#1	2966.2	104040.	15807.	3841.8	5606.8
#2	2987.4	104170.	15949.	3860.8	5656.9
#3	2982.9	103850.	15917.	3830.4	5636.0

Sample Name: S3 Acquired: 7/16/2024 14:25:39 Type: Cal
Method: NON EPA-6010-200.7(v2325) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	.26566	.15980	.58159	.24246	.46347	.32371	15.825	.46749
Stddev	.00513	.00190	.01048	.00461	.00964	.00145	.054	.00034
%RSD	1.9319	1.1864	1.8020	1.9033	2.0803	.44818	.34062	.07209

#1	.27141	.16198	.59303	.24773	.47400	.32290	15.790	.46711
#2	.26403	.15890	.57931	.24048	.46135	.32284	15.887	.46758
#3	.26154	.15853	.57244	.23916	.45507	.32538	15.797	.46777

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	2.6504	.88697	.05814	1.4011	.76040	.01825	.76543	.11684
Stddev	.0473	.00270	.00027	.0270	.01533	.00015	.00255	.00057
%RSD	1.7834	.30450	.46788	1.9284	2.0162	.83089	.33251	.49133

#1	2.7028	.88387	.05805	1.4312	.77729	.01811	.76314	.11630
#2	2.6375	.88881	.05844	1.3933	.75655	.01841	.76499	.11678
#3	2.6109	.88822	.05791	1.3789	.74736	.01824	.76817	.11745

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	.83093	.12385	.14303	.12784	3.3399	.09535	.91909	3.0315
Stddev	.01539	.00016	.00064	.00049	.0049	.00038	.00143	.0592
%RSD	1.8524	.12921	.44680	.38044	.14786	.39929	.15588	1.9527

#1	.84808	.12388	.14230	.12730	3.3420	.09492	.92057	3.0974
#2	.82641	.12399	.14327	.12798	3.3434	.09549	.91772	3.0143
#3	.81830	.12368	.14351	.12824	3.3342	.09565	.91897	2.9828

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	.42494	1.0321	.00906	.08644	.06564	1.1032	26.122	
Stddev	.00729	.0013	.00003	.00149	.00085	.0036	.320	
%RSD	1.7149	.12806	.28607	1.7235	1.3009	.32765	1.2269	

#1	.43310	1.0309	.00903	.08803	.06660	1.1008	25.917	
#2	.42267	1.0335	.00906	.08620	.06533	1.1015	25.957	
#3	.41907	1.0319	.00908	.08508	.06498	1.1074	26.491	

Sample Name: S3 Acquired: 7/16/2024 14:25:39 Type: Cal
Method: NON EPA-6010-200.7(v2325) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	2907.1	102790.	15662.	3759.4	5428.4
Stddev	57.5	356.	59.	26.0	103.3
%RSD	1.9784	.34625	.37523	.69137	1.9027
#1	2844.3	102590.	15605.	3731.5	5316.1
#2	2919.5	102580.	15658.	3763.9	5449.9
#3	2957.3	103200.	15722.	3782.9	5519.3

Sample Name: S4 Acquired: 7/16/2024 14:30:01 Type: Cal
Method: NON EPA-6010-200.7(v2325) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	.50755	.30889	1.1004	.46250	.88244	.60984	29.992	.85634
Stddev	.00368	.00299	.0108	.00332	.00647	.00057	.336	.00398
%RSD	.72521	.96732	.97784	.71755	.73338	.09348	1.1207	.46445

#1	.50632	.30874	1.0940	.46058	.87908	.60919	29.787	.86066
#2	.51169	.31195	1.1128	.46633	.88990	.61006	29.809	.85283
#3	.50465	.30598	1.0944	.46058	.87833	.61026	30.380	.85554

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	5.0274	1.6555	.10759	2.6515	1.4227	.03432	1.4293	.21979
Stddev	.0482	.0021	.00037	.0243	.0108	.00027	.0033	.00042
%RSD	.95890	.12923	.34820	.91787	.75776	.77738	.23217	.18909

#1	4.9933	1.6554	.10741	2.6334	1.4167	.03411	1.4307	.21994
#2	5.0825	1.6534	.10734	2.6792	1.4351	.03423	1.4255	.21932
#3	5.0063	1.6577	.10802	2.6420	1.4162	.03462	1.4316	.22011

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	1.5720	.23001	.27591	.24212	6.1533	.18147	1.7084	5.7078
Stddev	.0150	.00033	.00119	.00094	.0032	.00114	.0087	.0495
%RSD	.95603	.14157	.43263	.38749	.05284	.62652	.51038	.86781

#1	1.5618	.22969	.27457	.24312	6.1516	.18015	1.7184	5.6854
#2	1.5893	.23001	.27628	.24126	6.1571	.18213	1.7026	5.7646
#3	1.5650	.23034	.27688	.24196	6.1514	.18211	1.7042	5.6734

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	.80840	1.9435	.01716	.16999	.12832	2.1310	48.547	
Stddev	.00777	.0022	.00013	.00176	.00115	.0045	.592	
%RSD	.96148	.11459	.75114	1.0378	.89324	.20884	1.2192	

#1	.80334	1.9450	.01702	.16854	.12780	2.1342	48.534	
#2	.81735	1.9410	.01717	.17195	.12964	2.1259	47.962	
#3	.80451	1.9447	.01728	.16948	.12753	2.1328	49.145	

Sample Name: S4 Acquired: 7/16/2024 14:30:01 Type: Cal
Method: NON EPA-6010-200.7(v2325) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	2831.0	103030.	15731.	3724.4	5195.9
Stddev	17.8	140.	79.	10.2	35.6
%RSD	.62719	.13636	.49904	.27388	.68431
#1	2835.9	103180.	15641.	3726.2	5215.3
#2	2811.3	102990.	15783.	3713.4	5154.9
#3	2845.8	102910.	15769.	3733.5	5217.5

Sample Name: S5 Acquired: 7/16/2024 14:34:21 Type: Cal
Method: NON EPA-6010-200.7(v2325) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	1.0666	.63141	2.2957	.97219	1.8430	1.2609	61.042	1.7320
Stddev	.0077	.00773	.0203	.00761	.0152	.0039	.489	.0148
%RSD	.72601	1.2245	.88524	.78323	.82443	.30498	.80072	.85200

#1	1.0586	.62251	2.2757	.96423	1.8274	1.2582	61.543	1.7416
#2	1.0741	.63528	2.3164	.97940	1.8577	1.2653	61.019	1.7393
#3	1.0672	.63644	2.2949	.97295	1.8438	1.2592	60.566	1.7150

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	10.397	3.3683	.22015	5.5281	2.9273	.07149	2.9121	.45171
Stddev	.084	.0075	.00008	.0440	.0204	.00033	.0061	.00003
%RSD	.81259	.22221	.03512	.79497	.69561	.45872	.21000	.00706

#1	10.316	3.3685	.22011	5.4852	2.9069	.07112	2.9142	.45175
#2	10.484	3.3758	.22024	5.5730	2.9476	.07158	2.9170	.45170
#3	10.392	3.3608	.22010	5.5260	2.9275	.07176	2.9053	.45169

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	3.2685	.47799	.59636	.49428	12.474	.38927	3.4818	11.697
Stddev	.0278	.00035	.00378	.00131	.048	.00285	.0255	.093
%RSD	.85079	.07402	.63368	.26480	.38374	.73115	.73116	.79493

#1	3.2417	.47823	.59286	.49349	12.503	.38656	3.5023	11.603
#2	3.2972	.47815	.59587	.49579	12.500	.38899	3.4898	11.789
#3	3.2666	.47758	.60037	.49356	12.419	.39224	3.4533	11.700

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	1.6773	3.9823	.03641	.36427	.27789	4.5171	97.489	
Stddev	.0146	.0074	.00045	.00374	.00204	.0066	.245	
%RSD	.86882	.18529	1.2234	1.0270	.73409	.14698	.25104	

#1	1.6623	3.9783	.03594	.36018	.27571	4.5096	97.541	
#2	1.6914	3.9908	.03646	.36751	.27975	4.5221	97.223	
#3	1.6782	3.9777	.03683	.36513	.27821	4.5197	97.704	

Sample Name: S5 Acquired: 7/16/2024 14:34:21 Type: Cal
Method: NON EPA-6010-200.7(v2325) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	2698.0	99043.	15487.	3559.5	4869.4
Stddev	16.1	122.	106.	11.8	33.2
%RSD	.59645	.12327	.68557	.33266	.68194
#1	2715.4	98951.	15386.	3545.8	4903.6
#2	2683.6	99181.	15478.	3566.5	4837.3
#3	2695.1	98995.	15598.	3566.2	4867.2

Sample Name: ICV01 Acquired: 7/16/2024 14:43:36 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9761977	1.037322	.9860771	1.004563	1.028465	2.585088
Stddev	.0046301	.016914	.0080328	.009496	.008020	.014132
%RSD	.4742975	1.630570	.8146203	.9452480	.7798207	.5466722

#1	.9806799	1.054112	.9939230	1.012366	1.036481	2.579484
#2	.9764806	1.037567	.9864385	1.007333	1.028473	2.574617
#3	.9714327	1.020287	.9778697	.993990	1.020441	2.601162

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5291354	.5338419	.4939936	10.56615	.5208605	.5085895
Stddev	.0020382	.0026723	.0048257	.06998	.0056249	.0047149
%RSD	.3851969	.5005757	.9768827	.6623026	1.079920	.9270496

#1	.5268034	.5343875	.4987114	10.49078	.5226449	.5132607
#2	.5300263	.5309390	.4942029	10.57862	.5145599	.5086758
#3	.5305765	.5361993	.4890667	10.62906	.5253767	.5038321

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5226814	9.793641	.5390769	6.107467	.5122498	.2488287
Stddev	.0040513	.075983	.0028636	.045240	.0048677	.0023485
%RSD	.7751049	.7758422	.5312055	.7407391	.9502603	.9438152

#1	.5264093	9.772074	.5359458	6.056621	.5174429	.2499327
#2	.5232649	9.730772	.5397220	6.122510	.5115156	.2461317
#3	.5183699	9.878076	.5415630	6.143269	.5077909	.2504218

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.312936	.5216908	1.033317	9.566026	F .0270597	F .0000737
Stddev	.065921	.0060697	.010744	.082718	.0005141	.0000857
%RSD	.7078437	1.163477	1.039728	.8647011	1.899728	116.2616

#1	9.321488	.5170254	1.037391	9.569589	.0265238	.0000273
#2	9.243156	.5194939	1.021133	9.481585	.0271067	.0001726
#3	9.374163	.5285531	1.041428	9.646905	.0275487	.0000212

Sample Name: ICV01 Acquired: 7/16/2024 14:43:36 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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 -.000969	F -.001120	F -.009297	F -.000843	F -.004807	F -.000272
Stddev	.000203	.000577	.005088	.001471	.000997	.000598
%RSD	20.95617	51.52039	54.72600	174.4529	20.74507	220.0239
#1	-.001152	-.001783	-.012187	-.002522	-.003656	-.000961
#2	-.001002	-.000734	-.012281	.000214	-.005417	.000114
#3	-.000751	-.000842	-.003422	-.000220	-.005348	.000032

Elem	Sr4077
Units	ppm
Avg	F -.008479
Stddev	.000081
%RSD	.9610204
#1	-.008408
#2	-.008461
#3	-.008568

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2915.125	105148.8	15469.26	3800.831	5508.000
Stddev	28.961	781.3	22.00	29.776	59.099
%RSD	.9934588	.7430756	.1422191	.7834056	1.072972
#1	2885.270	104728.5	15465.76	3792.260	5447.362
#2	2917.006	106050.3	15492.80	3833.953	5511.210
#3	2943.100	104667.6	15449.22	3776.281	5565.430

Sample Name: LLICV01 Acquired: 7/16/2024 14:53:19 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203745	.0399522	.0141491	.0197208	.0515932	.0938051
Stddev	.0007529	.0018107	.0008002	.0020376	.0009264	.0055945
%RSD	3.695376	4.532190	5.655294	10.33202	1.795624	5.963994

#1	.0212401	.0381910	.0139408	.0203770	.0509011	.0959268
#2	.0198720	.0418087	.0150329	.0213494	.0526457	.0980284
#3	.0200113	.0398570	.0134738	.0174360	.0512329	.0874601

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1005255	.0061374	.0060698	2.115392	.0101570	.0297042
Stddev	.0004299	.0000781	.0001719	.003781	.0002705	.0008512
%RSD	.4276770	1.272908	2.832275	.1787570	2.663077	2.865514

#1	.1009212	.0062139	.0059698	2.118919	.0098553	.0292970
#2	.1005872	.0061405	.0062683	2.115858	.0102379	.0306825
#3	.1000681	.0060577	.0059714	2.111399	.0103779	.0291331

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210951	.1018112	.0213693	2.165578	.0408508	.0104481
Stddev	.0005687	.0020910	.0001685	.031609	.0010998	.0002351
%RSD	2.695920	2.053807	.7883527	1.459628	2.692222	2.250032

#1	.0205201	.1001730	.0215602	2.191014	.0399097	.0101926
#2	.0216573	.1010943	.0213065	2.175530	.0420598	.0106553
#3	.0211079	.1041664	.0212414	2.130190	.0405829	.0104963

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.878060	.0397064	.0436592	1.901689	.1029977	.2082602
Stddev	.012385	.0004859	.0002379	.011757	.0008202	.0046272
%RSD	.6594548	1.223724	.5448207	.6182468	.7963175	2.221810

#1	1.885941	.0392183	.0436118	1.888197	.1039430	.2055103
#2	1.863785	.0397111	.0434487	1.907134	.1024751	.2136024
#3	1.884453	.0401900	.0439173	1.909737	.1025751	.2056679

Sample Name: LLICV01 Acquired: 7/16/2024 14:53:19 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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	.0390124	.0395917	F .2726097	.0164661	F .3664630	F -.002026
Stddev	.0008500	.0002451	.0065970	.0011418	.0114363	.000919
%RSD	2.178817	.6190464	2.419955	6.934019	3.120731	45.36796

#1	.0391421	.0397123	.2670452	.0172392	.3645978	-.000989
#2	.0397901	.0397531	.2708867	.0151547	.3787172	-.002740
#3	.0381049	.0393097	.2798973	.0170043	.3560739	-.002349

Elem	Sr4077
Units	ppm
Avg	.0211054
Stddev	.0000509
%RSD	.2412715

#1	.0211364
#2	.0211332
#3	.0210466

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2938.149	106119.5	15627.65	3845.306	5618.658
Stddev	54.235	226.0	115.62	29.046	119.077
%RSD	1.845881	.2129239	.7398324	.7553676	2.119305

#1	2966.615	105877.3	15494.95	3811.825	5682.165
#2	2875.607	106324.6	15681.33	3860.326	5481.290
#3	2972.224	106156.5	15706.68	3863.767	5692.519

Sample Name: ICB01 Acquired: 7/16/2024 14:57:44 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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	.0006282	.0000008	-.000008	.0001977	-.000024	.0027851	.0007317
Stddev	.0013273	.0002727	.000854	.0008921	.000663	.0034326	.0002172
%RSD	211.2965	34684.58	11020.30	451.1800	2804.446	123.2501	29.68714

#1	.0002236	-.000103	.000687	.0003348	-.000130	.0004742	.0009824
#2	.0021107	.000310	-.000961	.0010133	.000686	.0011517	.0006096
#3	-.000450	-.000205	.000251	-.000755	-.000627	.0067294	.0006029

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000020	-.000077	.0052249	-.000270	-.000127	-.000091	-.001453
Stddev	.000013	.000086	.0046301	.000382	.000019	.000223	.002275
%RSD	66.40494	111.4728	88.61518	141.3997	14.67286	244.7701	156.5363

#1	-.000005	-.000002	.0069205	-.000449	-.000106	-.000197	.000741
#2	-.000027	-.000059	.0087681	-.000530	-.000136	-.000242	-.003801
#3	-.000029	-.000171	-.000014	.000168	-.000140	.000165	-.001299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000031	-.018107	-.000175	-.000192	-.012280	-.001350	-.000488
Stddev	.000136	.003001	.000208	.000162	.000389	.001027	.000033
%RSD	441.6635	16.57256	119.4749	84.57392	3.167209	76.08151	6.802568

#1	.000110	-.018912	-.000130	-.000192	-.012519	-.000250	-.000470
#2	-.000162	-.020622	-.000402	-.000029	-.012490	-.001517	-.000467
#3	-.000040	-.014785	.000008	-.000353	-.011831	-.002285	-.000526

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101686	.0031911	.0001051	-.000434	-.000220	.0001856	-.001989
Stddev	.0074404	.0004069	.0000474	.000149	.000376	.0054742	.002041
%RSD	73.17078	12.75110	45.13162	34.34502	171.1009	2950.231	102.6328

#1	.0041270	.0036023	.0000600	-.000495	-.000548	.0043467	-.004287
#2	.0184795	.0031822	.0001546	-.000265	-.000301	-.006016	-.000385
#3	.0078993	.0027887	.0001007	-.000544	.000190	.002226	-.001296

Sample Name: ICB01 Acquired: 7/16/2024 14:57:44 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000722	-.002192	-.000024
Stddev	.001931	.001645	.000013
%RSD	267.3579	75.08149	52.62174

#1	-.002856	-.003000	-.000019
#2	.000908	-.000298	-.000039
#3	-.000220	-.003276	-.000015

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2932.947	104342.1	15545.86	3819.066	5560.563
Stddev	35.626	317.5	72.09	17.669	66.637
%RSD	1.214689	.3042832	.4637508	.4626619	1.198391

#1	2973.571	104708.4	15495.95	3839.455	5630.991
#2	2907.024	104172.4	15513.11	3809.516	5498.508
#3	2918.246	104145.5	15628.51	3808.227	5552.190

Sample Name: CRI01 Acquired: 7/16/2024 15:02:10 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215487	.0442611	.0146541	.0224501	.0540722	.1006675
Stddev	.0006928	.0017919	.0006117	.0011874	.0005896	.0026412
%RSD	3.214989	4.048506	4.173897	5.288811	1.090385	2.623716

#1	.0219535	.0463126	.0151099	.0229226	.0535529	.1035112
#2	.0207487	.0430019	.0139589	.0233286	.0547131	.0982911
#3	.0219439	.0434688	.0148934	.0210993	.0539506	.1002003

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1064789	.0068109	.0065331	2.253267	.0108264	.0317560
Stddev	.0017116	.0000956	.0000584	.027589	.0001155	.0001508
%RSD	1.607407	1.403323	.8932716	1.224383	1.066805	.4748369

#1	.1083727	.0069199	.0065834	2.276372	.0107891	.0316414
#2	.1060215	.0067717	.0064691	2.260709	.0109559	.0319268
#3	.1050426	.0067412	.0065467	2.222721	.0107341	.0316998

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225480	.1101524	.0227044	2.326313	.0434597	.0112852
Stddev	.0004997	.0029741	.0004622	.035119	.0001074	.0005140
%RSD	2.215934	2.699956	2.035537	1.509639	.2470387	4.554854

#1	.0227633	.1122472	.0229508	2.363354	.0435746	.0118786
#2	.0219767	.1114617	.0229912	2.322088	.0433619	.0109764
#3	.0229038	.1067483	.0221713	2.293499	.0434425	.0110006

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.029302	.0444712	.0466030	2.051272	.1085079	.2214557
Stddev	.044201	.0010153	.0011294	.040459	.0018415	.0003536
%RSD	2.178161	2.282953	2.423565	1.972405	1.697109	.1596481

#1	2.049675	.0454564	.0468895	2.071063	.1100200	.2217751
#2	2.059643	.0445291	.0475616	2.078026	.1090464	.2210758
#3	1.978588	.0434283	.0453578	2.004726	.1064571	.2215161

Sample Name: CRI01 Acquired: 7/16/2024 15:02:10 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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	.0418401	.0420313	.2952461	.0172564	F .3988227	F -.001472
Stddev	.0003540	.0007772	.0074118	.0014726	.0022556	.001713
%RSD	.8461412	1.849170	2.510380	8.533444	.5655558	116.3767
#1	.0421942	.0425513	.2944381	.0166224	.3996775	-.001701
#2	.0414862	.0424048	.3030288	.0162071	.3962647	.000344
#3	.0418399	.0411378	.2882714	.0189398	.4005259	-.003060

Elem	Sr4077
Units	ppm
Avg	.0225762
Stddev	.0002553
%RSD	1.130690
#1	.0228128
#2	.0226104
#3	.0223056

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2934.362	105279.5	15591.21	3847.754	5583.679
Stddev	9.181	2178.8	199.06	82.290	22.285
%RSD	.3128888	2.069533	1.276713	2.138638	.3991063
#1	2931.417	104316.9	15413.14	3802.674	5575.576
#2	2927.014	103747.7	15554.39	3797.855	5566.579
#3	2944.654	107773.7	15806.10	3942.733	5608.882

Sample Name: ICSA01 Acquired: 7/16/2024 15:06:34 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003988	.0023244	.0058884	-.011170	-.000408	259.3995
Stddev	.000474	.0030808	.0004564	.002749	.001361	1.4838
%RSD	11.87546	132.5454	7.750346	24.61174	333.4064	.5720259

#1	-.004534	.0024594	.0057348	-.008058	-.001665	260.6255
#2	-.003738	-.000822	.0055286	-.013267	.001037	257.7499
#3	-.003692	.005335	.0064017	-.012186	-.000597	259.8230

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052089	.0009281	-.003853	245.0675	.0540022	.0024882
Stddev	.0004727	.0000461	.000200	.7954	.0006830	.0002467
%RSD	9.074652	4.961576	5.200789	.3245782	1.264826	9.913788

#1	.0050972	.0008796	-.003898	245.4489	.0543449	.0023884
#2	.0057275	.0009337	-.003634	244.1532	.0532157	.0023070
#3	.0048021	.0009712	-.004027	245.6004	.0544461	.0027691

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008161	97.24821	.0152815	268.4548	.0028457	.0003011
Stddev	.000668	.30166	.0001029	.9253	.0004895	.0003658
%RSD	8.179153	.3101961	.6734882	.3446768	17.20217	121.5018

#1	-.007903	97.27999	.0153882	269.0691	.0031261	.0001985
#2	-.007661	96.93191	.0152736	267.3906	.0031306	.0007072
#3	-.008919	97.53271	.0151828	268.9048	.0022805	-.000003

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209222	.0007217	.0016273	.0277946	F .1223351	.0005732
Stddev	.0017181	.0010240	.0004890	.0110478	.0004751	.0001957
%RSD	8.211753	141.8928	30.04865	39.74793	.3883717	34.14233

#1	.0197678	.0017067	.0016963	.0173131	.1219155	.0006987
#2	.0201021	-.000337	.0020781	.0393327	.1222388	.0003477
#3	.0228967	.000796	.0011075	.0267379	.1228510	.0006733

Sample Name: ICSA01 Acquired: 7/16/2024 15:06:34 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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	-.001404	-.002511	.0094529	.0035229	-.015481	F .0501444
Stddev	.000043	.000622	.0055504	.0042860	.003556	.0008159
%RSD	3.050038	24.77734	58.71653	121.6592	22.97036	1.627033
#1	-.001407	-.003035	.0071374	-.001018	-.019132	.0509965
#2	-.001445	-.001823	.0157862	.007498	-.012028	.0493703
#3	-.001359	-.002674	.0054352	.004089	-.015282	.0500665

Elem	Sr4077
Units	ppm
Avg	.0071462
Stddev	.0001523
%RSD	2.130644
#1	.0071602
#2	.0072909
#3	.0069874

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2585.183	94900.09	15202.18	3398.937	4630.081
Stddev	5.061	378.22	71.66	18.198	3.076
%RSD	.1957886	.3985498	.4714004	.5353949	.0664416
#1	2584.654	94573.50	15132.96	3386.905	4627.074
#2	2580.407	95314.49	15276.06	3419.872	4629.946
#3	2590.488	94812.28	15197.50	3390.034	4633.222

Sample Name: ICSAB01 Acquired: 7/16/2024 15:11:05 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0936407	.0977294	.0520595	.0336687	.6095821	253.5140
Stddev	.0022116	.0007026	.0016715	.0029834	.0023718	8.1315
%RSD	2.361810	.7189650	3.210668	8.860984	.3890926	3.207520

#1	.0932327	.0969871	.0533655	.0333494	.6069192	252.3899
#2	.0916615	.0983841	.0526370	.0308577	.6103591	262.1490
#3	.0960279	.0978171	.0501758	.0367988	.6114679	246.0030

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5007025	.5075834	.9334410	237.2144	.5340603	.4874644
Stddev	.0137435	.0119313	.0002252	6.7674	.0011719	.0006934
%RSD	2.744848	2.350613	.0241251	2.852869	.2194269	.1422372

#1	.4943248	.5023282	.9336924	234.0532	.5339104	.4867918
#2	.5164762	.5212402	.9332576	244.9840	.5352999	.4881768
#3	.4913065	.4991818	.9333731	232.6061	.5329705	.4874246

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4700874	92.44089	.4947095	259.0547	.9567482	.2062702
Stddev	.0015781	.52213	.0145232	7.3353	.0015789	.0004199
%RSD	.3356990	.5648308	2.935701	2.831547	.1650302	.2035767

#1	.4682871	91.97062	.4876094	255.7409	.9560160	.2057871
#2	.4707435	93.00277	.5114168	267.4622	.9585603	.2065482
#3	.4712315	92.34927	.4851022	253.9610	.9556683	.2064752

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204743	.4727780	1.044383	.0138724	F .1113636	F .0003780
Stddev	.0051741	.0142339	.004144	.0278206	.0017955	.0002942
%RSD	25.27118	3.010701	.3967742	200.5466	1.612260	77.84213

#1	.0180113	.4676947	1.046208	-.012800	.1113461	.0006475
#2	.0169918	.4888557	1.047301	.011703	.1095770	.0000641
#3	.0264198	.4617835	1.039640	.042714	.1131678	.0004223

Sample Name: ICSAB01 Acquired: 7/16/2024 15:11:05 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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 -.002061	F -.003537	F .0008700	F .0018945	F -.015855	F .0465905
Stddev	.000329	.000103	.0008469	.0017157	.003713	.0031232
%RSD	15.94523	2.899178	97.33602	90.56162	23.41988	6.703550
#1	-.001863	-.003644	-.000089	.0035694	-.016114	.0431748
#2	-.001880	-.003527	.001516	.0001407	-.012019	.0493005
#3	-.002440	-.003440	.001183	.0019735	-.019432	.0472963

Elem	Sr4077
Units	ppm
Avg	F .0090355
Stddev	.0025178
%RSD	27.86592
#1	.0081871
#2	.0118680
#3	.0070515

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2636.904	95416.74	15025.99	3409.999	4743.310
Stddev	7.279	69.97	362.66	13.789	7.708
%RSD	.2760512	.0733315	2.413551	.4043578	.1625090
#1	2644.932	95435.27	15169.21	3397.477	4749.431
#2	2630.733	95339.37	14613.59	3407.744	4734.653
#3	2635.048	95475.58	15295.17	3424.776	4745.845

Sample Name: CCV01 Acquired: 7/16/2024 15:15:25 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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	4.897925	4.974863	4.822980	4.947628	4.909561	9.734039	9.851526
Stddev	.169601	.175079	.181118	.163127	.169084	.016299	.139409
%RSD	3.462707	3.519268	3.755322	3.297082	3.443978	.1674450	1.415098

#1	4.879350	4.934467	4.793693	4.924879	4.889556	9.715788	9.834693
#2	5.076050	5.166609	5.016957	5.120935	5.087759	9.739182	9.721298
#3	4.738377	4.823513	4.658289	4.797069	4.751370	9.747146	9.998587

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2519246	2.434323	24.62689	.9721674	2.421029	1.228007	4.817365
Stddev	.0013661	.091995	.10099	.0001526	.094471	.043461	.028112
%RSD	.5422772	3.779073	.4100855	.0156960	3.902120	3.539159	.5835466

#1	.2525019	2.422056	24.55987	.9723295	2.410980	1.221692	4.800120
#2	.2503646	2.531836	24.57775	.9720266	2.520124	1.274281	4.849803
#3	.2529072	2.349078	24.74304	.9721462	2.331985	1.188049	4.802170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.433347	24.16599	2.422766	1.228040	24.02068	2.433818	2.459700
Stddev	.005624	.00974	.094913	.001644	.21105	.006103	.006472
%RSD	.2311124	.0403191	3.917543	.1338846	.8786227	.2507454	.2631267

#1	2.430439	24.17667	2.410131	1.227282	23.91705	2.432862	2.452978
#2	2.429773	24.16370	2.523364	1.229926	24.26351	2.440342	2.460232
#3	2.439830	24.15759	2.334804	1.226911	23.88148	2.428249	2.465889

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.92338	4.972928	4.909432	4.885263	4.880061	4.740735	4.757864
Stddev	.18669	.032552	.172228	.181831	.011305	.032960	.165549
%RSD	.7803705	.6545920	3.508112	3.722028	.2316527	.6952614	3.479488

#1	23.82448	4.989738	4.885413	4.864038	4.867414	4.713611	4.727615
#2	24.13872	4.935407	5.092410	5.076775	4.883587	4.777419	4.936451
#3	23.80695	4.993639	4.750475	4.714976	4.889183	4.731175	4.609524

Sample Name: CCV01 Acquired: 7/16/2024 15:15:25 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.724700	4.890137	4.969956
Stddev	.166896	.012094	.029233
%RSD	3.532405	.2473244	.5881883

#1	4.709139	4.891472	4.946090
#2	4.898831	4.901508	4.961216
#3	4.566130	4.877430	5.002561

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2791.232	100781.1	15387.46	3651.882	5159.234
Stddev	85.481	274.3	67.10	16.584	176.920
%RSD	3.062484	.2721304	.4360922	.4541279	3.429188

#1	2801.439	100850.8	15345.77	3667.972	5177.425
#2	2701.106	100478.7	15464.86	3634.844	4973.921
#3	2871.152	101013.8	15351.73	3652.830	5326.355

Sample Name: CCB01 Acquired: 7/16/2024 15:19:44 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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	.0011496	.0007042	-.000333	.0004775	.0005719	-.003071	-.001061
Stddev	.0001002	.0011635	.000410	.0010746	.0010114	.000484	.000387
%RSD	8.716909	165.2159	122.9960	225.0644	176.8330	15.74456	36.47799

#1	.0012188	.0019907	-.000044	.0016859	.0002937	-.003602	-.001468
#2	.0011954	-.000274	-.000802	.0001174	-.000271	-.002956	-.001018
#3	.0010347	.000396	-.000154	-.000371	.001693	-.002656	-.000697

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000026	-.000024	.0001165	-.000545	-.000110	.0001303	.0013800
Stddev	.000009	.000030	.0023297	.000192	.000060	.0000970	.0015011
%RSD	33.99914	126.2745	1999.285	35.29829	54.40334	74.45120	108.7705

#1	-.000030	-.000023	.0026389	-.000329	-.000045	.0001091	.0030711
#2	-.000031	-.000054	-.001954	-.000611	-.000163	.0000457	.0002052
#3	-.000016	.000006	-.000335	-.000696	-.000121	.0002362	.0008638

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000032	-.006282	.0000491	.0000525	-.008529	-.000701	-.000543
Stddev	.000043	.014773	.0002310	.0001204	.002373	.000064	.000201
%RSD	133.8045	235.1714	470.8147	229.2952	27.82457	9.169173	37.08296

#1	-.000033	-.016913	-.000155	-.000038	-.008586	-.000700	-.000742
#2	-.000075	.010587	.000003	.000007	-.006128	-.000765	-.000340
#3	.000011	-.012520	.000300	.000189	-.010873	-.000636	-.000546

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008938	.0114116	.0005162	-.000192	-.000010	-.002095	-.001179
Stddev	.006506	.0002073	.0001095	.000264	.000332	.004510	.000646
%RSD	72.79271	1.816908	21.20394	137.6574	3440.013	215.2339	54.79865

#1	-.001724	.0115878	.0006185	.000091	-.000090	-.005379	-.000578
#2	-.014361	.0111831	.0005295	-.000431	-.000294	.003047	-.001096
#3	-.010728	.0114638	.0004008	-.000236	.000355	-.003954	-.001862

Sample Name: CCB01 Acquired: 7/16/2024 15:19:44 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001114	-.000781	.0000422
Stddev	.000106	.002102	.0000241
%RSD	9.508443	269.2246	57.00187

#1	-.001119	.001419	.0000659
#2	-.001005	-.002770	.0000430
#3	-.001217	-.000991	.0000178

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2932.225	104257.5	15274.63	3813.747	5593.162
Stddev	8.341	235.3	36.44	4.479	10.445
%RSD	.2844511	.2256642	.2385545	.1174414	.1867383

#1	2940.409	104111.0	15232.79	3809.447	5603.952
#2	2932.530	104132.6	15291.64	3818.386	5592.434
#3	2923.736	104528.8	15299.44	3813.408	5583.101

Sample Name: LR1 Acquired: 7/16/2024 15:24:13 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.047649	-.037634	.0585621	-.197637	-.008681	F 2314.364
Stddev	.002439	.005009	.0007713	.008956	.007621	19.182
%RSD	5.118473	13.31078	1.317101	4.531714	87.79086	.8288080

#1	-.050401	-.035417	.0586281	-.204590	-.009167	2323.052
#2	-.046790	-.034116	.0592983	-.187530	-.016047	2327.665
#3	-.045755	-.043369	.0577599	-.200791	-.000828	2292.376

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205661	.0071076	.0350429	1694.338	.0299456	.0489622
Stddev	.0003875	.0000409	.0037225	3.570	.0006915	.0005262
%RSD	1.884283	.5754301	10.62272	.2107298	2.309155	1.074635

#1	.0202470	.0071548	.0385319	1698.382	.0292540	.0485211
#2	.0204541	.0070859	.0311242	1691.621	.0306370	.0488209
#3	.0209973	.0070821	.0354725	1693.010	.0299460	.0495446

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.100454	943.1835	.0049391	1931.301	.0473170	-.017621
Stddev	.004805	14.6943	.0006394	10.707	.0003335	.000752
%RSD	4.783139	1.557944	12.94559	.5543728	.7047643	4.267073

#1	-.095416	927.9936	.0044395	1942.901	.0472113	-.016778
#2	-.104986	957.3261	.0056596	1929.202	.0476904	-.017861
#3	-.100959	944.2307	.0047181	1921.799	.0470491	-.018224

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1836.464	.0115184	.0727924	1483.160	1.037573	-.000225
Stddev	6.449	.0008265	.0020674	11.113	.028781	.000357
%RSD	.3511383	7.175834	2.840175	.7492760	2.773835	158.6931

#1	1833.255	.0119086	.0706835	1474.454	1.010232	-.000404
#2	1843.887	.0120775	.0748158	1495.677	1.067605	-.000456
#3	1832.249	.0105690	.0728779	1479.349	1.034884	.000186

Sample Name: LR1 Acquired: 7/16/2024 15:24:13 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081136	-.044320	.1423461	.0699735	-.183819	.6234442
Stddev	.0030907	.000575	.0047867	.0043411	.009746	.0112258
%RSD	38.09311	1.297877	3.362726	6.203898	5.302052	1.800608
#1	.0046030	-.044460	.1442645	.0730230	-.193191	.6341906
#2	.0104250	-.043687	.1458760	.0650034	-.173737	.6243483
#3	.0093130	-.044812	.1368978	.0718941	-.184531	.6117937

Elem	Sr4077
Units	ppm
Avg	-.929977
Stddev	.014697
%RSD	1.580351
#1	-.914776
#2	-.944112
#3	-.931042

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1735.426	70230.96	12376.97	2335.417	2886.670
Stddev	4.360	1152.19	14.11	47.221	9.818
%RSD	.2512204	1.640567	.1139870	2.021956	.3401115
#1	1735.579	71515.94	12393.10	2389.129	2879.351
#2	1739.708	69289.89	12366.93	2300.430	2897.827
#3	1730.993	69887.05	12370.88	2316.693	2882.832

Sample Name: LR2 Acquired: 7/16/2024 15:29:19 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112650	-.007941	229.1593	.0037440	-.001453	.1194213
Stddev	.0005430	.000749	.2205	.0003759	.001254	.0096484
%RSD	4.820132	9.430825	.0962055	10.04029	86.27227	8.079260

#1	.0114829	-.008783	229.2456	.0034142	-.002031	.1091169
#2	.0116652	-.007349	228.9087	.0036645	-.000015	.1209055
#3	.0106469	-.007690	229.3235	.0041533	-.002313	.1282416

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	^F *****	-.002068	-.004041	.2551139	.0161022	-.020661
Stddev	-----	.000074	.000094	.0078246	.0002530	.000255
%RSD	-----	3.570343	2.315496	3.067092	1.571142	1.235959

#1	^ -----	-.001994	-.004119	.2468867	.0163246	-.020527
#2	^ -----	-.002068	-.004068	.2559934	.0161550	-.020500
#3	^ -----	-.002142	-.003937	.2624615	.0158270	-.020955

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	253.3692	.1083750	45.42178	-.017260	46.19614	.0026399
Stddev	1.2151	.0027218	.08476	.004430	.04196	.0002562
%RSD	.4795669	2.511466	.1866011	25.66817	.0908368	9.703978

#1	252.8654	.1056272	45.32762	-.022234	46.22884	.0024739
#2	252.4871	.1084279	45.44572	-.015809	46.14882	.0029350
#3	254.7552	.1110700	45.49198	-.013738	46.21075	.0025109

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4986643	-.006344	F 23.75361	.7636852	.0042594	-.000588
Stddev	.0142875	.000412	.06144	.0734989	.0004324	.000244
%RSD	2.865158	6.494511	.2586346	9.624239	10.15261	41.49892

#1	.4982010	-.006130	23.78646	.8418607	.0046296	-.000840
#2	.5131779	-.006083	23.68274	.7532072	.0043645	-.000354
#3	.4846141	-.006819	23.79165	.6959875	.0037841	-.000569

Sample Name: LR2 Acquired: 7/16/2024 15:29:19 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001153	-.046616	-.009104	-.144093	-.042017	-.000122
Stddev	.000700	.000616	.004655	.004785	.001438	.001907
%RSD	60.65082	1.322379	51.13085	3.320508	3.421446	1557.415
#1	-.000387	-.047327	-.007934	-.141914	-.040944	.000551
#2	-.001756	-.046269	-.005146	-.149579	-.041456	.001356
#3	-.001317	-.046251	-.014233	-.140786	-.043650	-.002274

Elem	Sr4077
Units	ppm
Avg	.0023324
Stddev	.0000435
%RSD	1.864206
#1	.0023152
#2	.0023819
#3	.0023001

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2585.742	102393.1	15462.75	3552.625	5377.918
Stddev	4.240	287.2	20.24	19.146	3.929
%RSD	.1639728	.2804843	.1308987	.5389175	.0730564
#1	2587.765	102295.4	15473.25	3547.332	5376.537
#2	2588.592	102716.4	15475.57	3573.861	5382.351
#3	2580.870	102167.4	15439.41	3536.683	5374.867

Sample Name: P3228-01 Acquired: 7/16/2024 15:34:03 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0397595	-.016817	.6177270	-.044988	.0028630	148.5138
Stddev	.0014935	.001981	.0092415	.002147	.0016872	.2485
%RSD	3.756378	11.77942	1.496044	4.773053	58.92911	.1673025

#1	.0392561	-.018859	.6112966	-.046028	.0024656	148.3390
#2	.0414396	-.016690	.6283173	-.046417	.0047134	148.7982
#3	.0385826	-.014903	.6135670	-.042519	.0014100	148.4041

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6567692	.0090285	.0010947	504.2419	.2009902	.1236743
Stddev	.0014140	.0000328	.0007546	1.8343	.0006513	.0017688
%RSD	.2152995	.3638511	68.92924	.3637745	.3240312	1.430181

#1	.6560422	.0090660	.0009530	505.1490	.2017392	.1232923
#2	.6583988	.0090046	.0019102	505.4459	.2006743	.1256028
#3	.6558667	.0090149	.0004211	502.1308	.2005571	.1221277

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5123450	252.4731	5.808940	272.8777	.2602919	.0019873
Stddev	.0075930	.5542	.006178	.3375	.0036369	.0001571
%RSD	1.482001	.2195031	.1063599	.1236737	1.397222	7.906198

#1	.5104824	252.1179	5.805699	273.2492	.2592225	.0021501
#2	.5206959	252.1897	5.816064	272.7936	.2643436	.0019750
#3	.5058567	253.1117	5.805056	272.5902	.2573097	.0018366

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.273717	.3508872	.9942088	11.45272	.3466441	.0035276
Stddev	.022550	.0009886	.0023306	.06267	.0031620	.0000884
%RSD	.3100205	.2817496	.2344194	.5472368	.9121679	2.507373

#1	7.247804	.3511518	.9934489	11.38231	.3455456	.0034986
#2	7.284468	.3517166	.9968246	11.47346	.3441779	.0034573
#3	7.288880	.3497932	.9923530	11.50240	.3502089	.0036269

Sample Name: P3228-01 Acquired: 7/16/2024 15:34:03 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0353886	4.276891	2.313140	F 10.34676	3.232782	.3159986
Stddev	.0004734	.010405	.027561	.16197	.046302	.0009355
%RSD	1.337613	.2432936	1.191517	1.565413	1.432267	.2960565
#1	.0358325	4.268225	2.281329	10.28484	3.204375	.3164030
#2	.0354427	4.288432	2.328234	10.53056	3.286211	.3149289
#3	.0348905	4.274018	2.329858	10.22489	3.207761	.3166639

Elem	Sr4077
Units	ppm
Avg	.4755673
Stddev	.0017470
%RSD	.3673471
#1	.4740368
#2	.4774706
#3	.4751944

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2924.453	111965.1	18019.06	3880.440	4282.178
Stddev	25.251	173.6	40.00	10.998	49.612
%RSD	.8634270	.1550429	.2220070	.2834180	1.158563
#1	2934.720	112011.5	17985.93	3893.134	4303.043
#2	2895.686	112110.8	18007.75	3873.774	4225.542
#3	2942.952	111773.0	18063.50	3874.412	4317.951

Sample Name: P3228-01DLX10 Acquired: 7/16/2024 15:40:02 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050170	-.000370	.0632513	-.006123	.0001915	16.51896	.0776965
Stddev	.0018336	.001157	.0023611	.001376	.0008603	.02307	.0003043
%RSD	36.54862	312.9676	3.732819	22.47904	449.1552	.1396794	.3917049

#1	.0038277	-.000605	.0658763	-.006157	.0007378	16.50227	.0773717
#2	.0040946	-.001391	.0625767	-.007482	.0006370	16.50932	.0777426
#3	.0071286	.000887	.0613011	-.004730	-.000800	16.54529	.0779751

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011958	-.001867	62.34201	.0251768	.0118914	.0632820	31.13950
Stddev	.0000221	.000087	.08437	.0002578	.0000133	.0004249	.02923
%RSD	1.847342	4.654665	.1353322	1.023857	.1114926	.6715062	.0938734

#1	.0011805	-.001875	62.31240	.0254732	.0118809	.0628065	31.13746
#2	.0011857	-.001776	62.27643	.0250517	.0118870	.0636247	31.11134
#3	.0012211	-.001949	62.43719	.0250054	.0119063	.0634149	31.16970

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7357652	31.38877	.0266728	.0004510	.8273753	.0429478	.1134942
Stddev	.0010771	.04893	.0002580	.0001806	.0097886	.0008242	.0008325
%RSD	.1463938	.1558980	.9672874	40.04492	1.183088	1.919000	.7335303

#1	.7346782	31.34397	.0263798	.0003454	.8297499	.0423921	.1141528
#2	.7368322	31.44099	.0268661	.0003481	.8166179	.0438948	.1137715
#3	.7357852	31.38136	.0267726	.0006595	.8357582	.0425567	.1125585

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.277418	.0443592	.0005752	.0017418	.5199592	.2573277	.9722159
Stddev	.011309	.0007516	.0000679	.0004590	.0008525	.0048447	.0038055
%RSD	.8853330	1.694424	11.79746	26.35415	.1639455	1.882683	.3914206

#1	1.264512	.0447852	.0004970	.0018395	.5197188	.2579317	.9684098
#2	1.285596	.0448011	.0006099	.0012418	.5192527	.2618421	.9722172
#3	1.282147	.0434914	.0006187	.0021442	.5209060	.2522094	.9760207

Sample Name: P3228-01DLX10 Acquired: 7/16/2024 15:40:02 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2927939	.0312176	.0550378
Stddev	.0021776	.0022351	.0001151
%RSD	.7437171	7.159593	.2092188

#1	.2939589	.0334979	.0549333
#2	.2941411	.0290308	.0551612
#3	.2902816	.0311241	.0550187

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2852.696	103687.8	15875.36	3740.496	5197.132
Stddev	3.831	177.7	19.18	5.072	8.197
%RSD	.1342933	.1714017	.1208328	.1355863	.1577288

#1	2848.688	103545.1	15893.61	3745.342	5188.893
#2	2853.078	103631.4	15855.37	3740.922	5205.287
#3	2856.321	103886.9	15877.10	3735.226	5197.216

Sample Name: CCV02 Acquired: 7/16/2024 15:44:23 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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	4.843267	4.991913	4.776530	4.885253	4.863475	10.17951	10.29379
Stddev	.026285	.084855	.026249	.030022	.022418	.70512	.50900
%RSD	.5427028	1.699843	.5495354	.6145509	.4609485	6.926813	4.944749
#1	4.870672	5.066121	4.803035	4.915680	4.884802	10.99369	10.88088
#2	4.840860	5.010219	4.776010	4.884427	4.865517	9.76820	9.97612
#3	4.818268	4.899400	4.750545	4.855652	4.840105	9.77664	10.02438
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2553839	2.402682	25.97400	.9294292	2.391061	1.212569	4.712061
Stddev	.0164255	.014995	1.64016	.0379219	.011382	.004230	.196011
%RSD	6.431678	.6241078	6.314619	4.080123	.4760285	.3488665	4.159776
#1	.2743303	2.417837	27.86445	.9727027	2.402594	1.216813	4.938011
#2	.2451539	2.402360	24.92999	.9135908	2.390753	1.212542	4.610491
#3	.2466676	2.387851	25.12755	.9019941	2.379836	1.208353	4.587680
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.566735	25.48877	2.391339	1.167845	23.25857	2.578323	2.310063
Stddev	.166676	1.63015	.013397	.044419	.95739	.162150	.082569
%RSD	6.493691	6.395549	.5602419	3.803508	4.116303	6.288962	3.574314
#1	2.758993	27.36629	2.403694	1.218680	24.34835	2.765174	2.404917
#2	2.462965	24.43346	2.393225	1.148340	22.87457	2.474520	2.270978
#3	2.478247	24.66656	2.377099	1.136516	22.55279	2.495277	2.254293
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.14958	5.085350	4.883996	4.829946	5.143514	4.606076	4.752298
Stddev	.90607	.316054	.025234	.036392	.327748	.164740	.036752
%RSD	3.913985	6.214997	.5166591	.7534741	6.372072	3.576579	.7733419
#1	24.18171	5.450222	4.908221	4.861899	5.521705	4.794846	4.789269
#2	22.78183	4.896482	4.885905	4.837605	4.942253	4.532029	4.751856
#3	22.48520	4.909345	4.857863	4.790334	4.966585	4.491352	4.715770

Sample Name: CCV02 Acquired: 7/16/2024 15:44:23 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.647396	5.102302	5.228731
Stddev	.039302	.338007	.274455
%RSD	.8456676	6.624605	5.248972

#1	4.691072	5.492266	5.544204
#2	4.636230	4.921291	5.044866
#3	4.614885	4.893350	5.097122

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2826.205	106080.5	14960.56	3823.847	5231.643
Stddev	8.813	3589.2	844.54	110.573	24.572
%RSD	.3118307	3.383436	5.645104	2.891657	.4696793

#1	2817.438	101989.0	13986.10	3696.999	5207.192
#2	2826.113	107554.0	15480.38	3874.681	5231.402
#3	2835.063	108698.3	15415.21	3899.860	5256.334

Sample Name: CCB02 Acquired: 7/16/2024 15:48:40 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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	.0012430	.0002472	.0005994	.0024315	.0007539	-.002717	-.001106
Stddev	.0004996	.0004372	.0003812	.0007043	.0004617	.003589	.000180
%RSD	40.19576	176.8991	63.59216	28.96677	61.23621	132.0711	16.32044

#1	.0009028	.0000269	.0010265	.0025014	.0012152	-.006348	-.001213
#2	.0018166	-.000036	.0002938	.0030983	.0002919	.000828	-.000897
#3	.0010096	.000751	.0004780	.0016948	.0007547	-.002631	-.001206

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000017	.0000350	.0011761	-.000014	-.000173	.0005567	.0012711
Stddev	.000046	.0000372	.0007397	.000162	.000079	.0000897	.0029755
%RSD	275.6393	106.2856	62.89319	1162.445	45.68846	16.11799	234.0807

#1	.000026	-.000007	.0003908	.000042	-.000191	.0005003	.0040264
#2	-.000064	.000050	.0018596	.000112	-.000242	.0006602	.0016711
#3	-.000012	.000063	.0012779	-.000197	-.000087	.0005097	-.001884

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000010	-.011110	.0000506	.0001258	.0362119	-.000390	-.000410
Stddev	.000030	.009510	.0001404	.0001843	.0131256	.000247	.000085
%RSD	312.3950	85.59901	277.6912	146.5578	36.24652	63.29066	20.83092

#1	-.000026	-.001754	-.000072	.0000707	.0261220	-.000246	-.000324
#2	.000025	-.010809	.000204	.0003313	.0510510	-.000676	-.000410
#3	-.000028	-.020768	.000020	-.000025	.0314627	-.000249	-.000495

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0574378	.0072470	.0005261	-.000452	-.000178	.0004855	-.001730
Stddev	.0098956	.0007480	.0001165	.000544	.000591	.0022625	.001022
%RSD	17.22834	10.32155	22.14657	120.5313	332.6898	465.9969	59.09971

#1	.0532377	.0081074	.0006598	-.000208	-.000818	-.002092	-.002660
#2	.0503351	.0068816	.0004468	-.001075	-.000061	.001407	-.000635
#3	.0687407	.0067519	.0004715	-.000072	.000346	.002142	-.001895

Sample Name: CCB02 Acquired: 7/16/2024 15:48:40 Type: Unk
Method: NON EPA-6010-200.7(v2325) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005474	.0019833	.0000067
Stddev	.0030154	.0010675	.0000242
%RSD	550.8953	53.82654	361.0389

#1	.0010441	.0031613	.0000162
#2	-.002686	.0010800	-.000021
#3	.003284	.0017085	.000025

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2927.843	104808.3	15706.93	3808.008	5603.636
Stddev	6.099	315.7	20.44	16.150	12.948
%RSD	.2082988	.3012165	.1301632	.4241160	.2310693

#1	2929.736	104811.3	15696.37	3809.477	5594.657
#2	2932.770	104491.1	15693.93	3791.174	5618.479
#3	2921.022	105122.5	15730.50	3823.374	5597.773