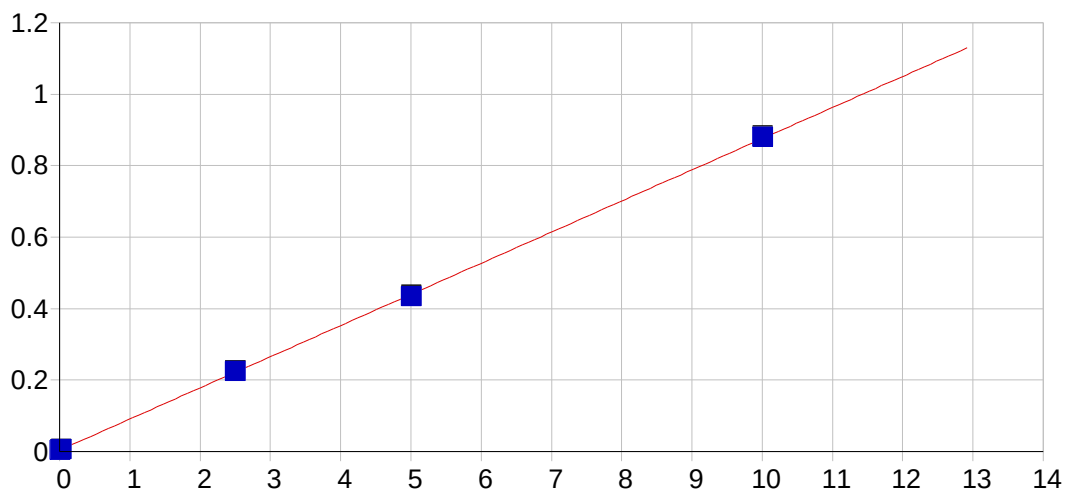


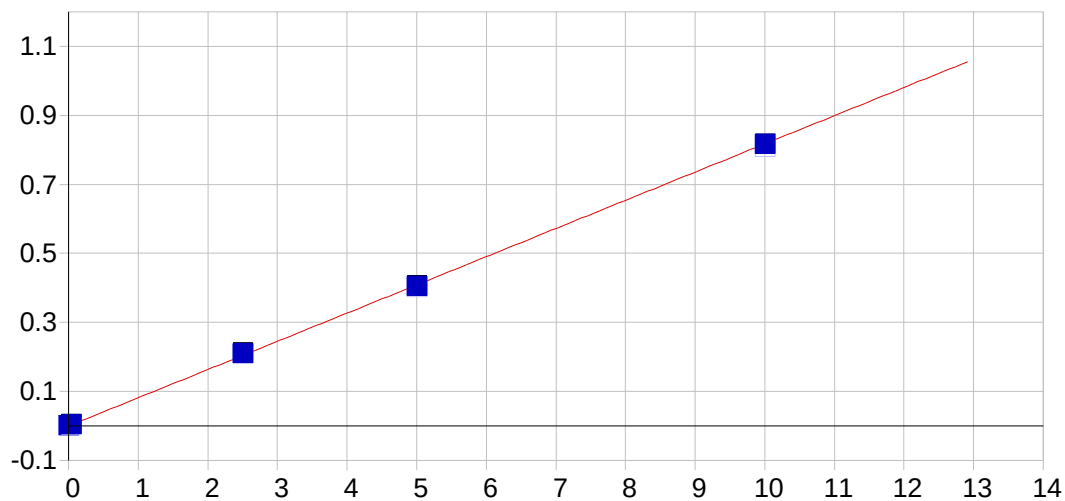


As 189.042 {479}

Date of Fit: 5/15/2020 15:45:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003893 Re-Slope: 1.000000
 A1 (Gain): 0.087166 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.004153
 Predicted MQL: 0.013845

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00389	.000	1
S1	.02000	.01962	-.000	-1.89	.00561	.000	1
S3	2.5000	2.5303	.030	1.21	.22459	.001	1
S4	5.0000	4.9227	-.077	-1.55	.43326	.004	1
S5	10.000	10.047	.047	.474	.88022	.002	1



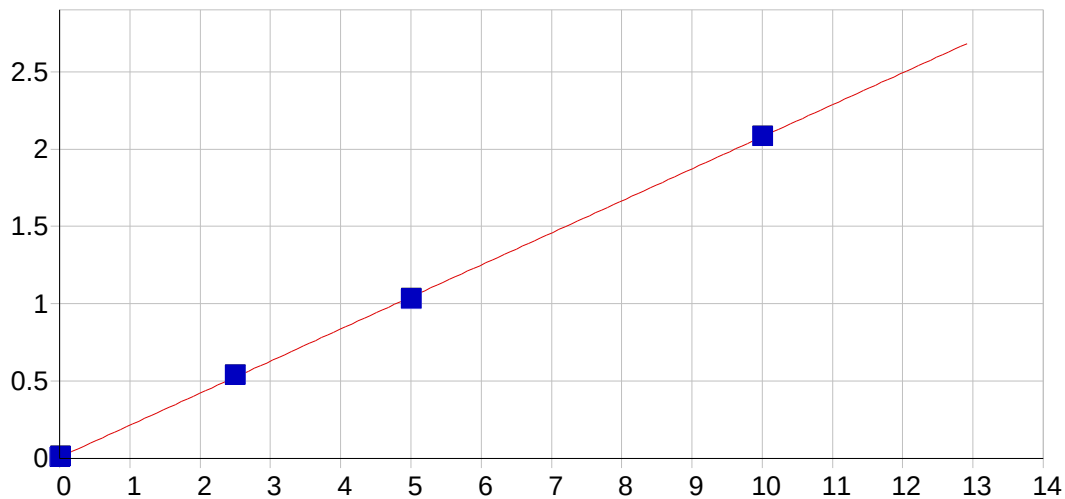
TI 190.856 {477}

Date of Fit: 5/15/2020 15:45:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000013 Re-Slope: 1.000000

A1 (Gain): 0.081744 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.003066
 Predicted MQL: 0.010220

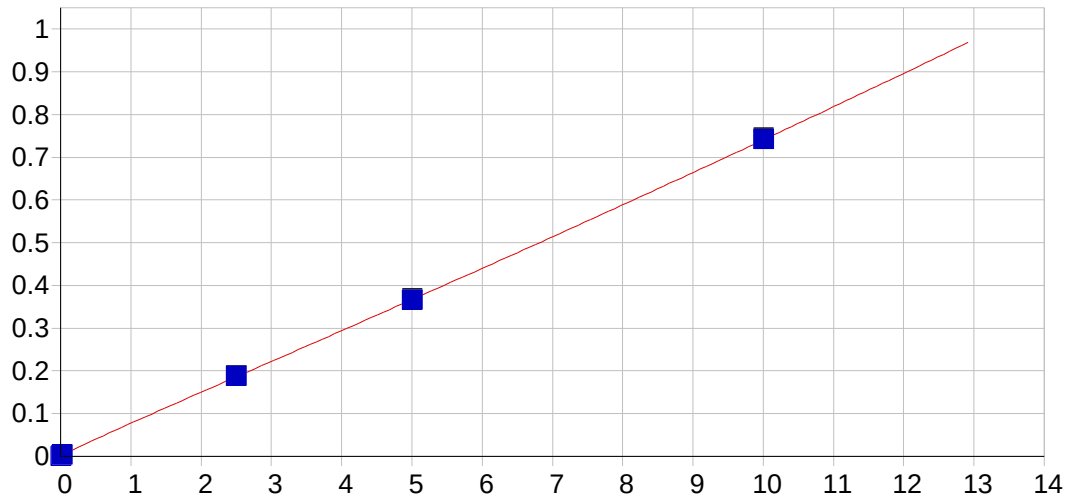
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.04000	.03675	-.003	-8.14	.00290	.000	1
S3	2.5000	2.5726	.073	2.90	.20816	.001	1
S4	5.0000	4.9568	-.043	-.864	.40093	.001	1
S5	10.000	9.9738	-.026	-.262	.80679	.000	1



Date of Fit: 5/15/2020 15:45:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008124 Re-Slope: 1.000000
 A1 (Gain): 0.207099 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.002361
 Predicted MQL: 0.007871

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00812	.000	1
S1	.01200	.01522	.003	26.8	.01124	.000	1
S3	2.5000	2.5579	.058	2.32	.53738	.002	1
S4	5.0000	4.9287	-.071	-1.43	1.0279	.004	1
S5	10.000	10.010	.010	.102	2.0793	.001	1



Se 196.090 {472}

Date of Fit: 5/15/2020 15:45:18

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): 0.000633

Re-Slope: 1.000000

A1 (Gain): 0.075961

Y-int: 0.000000

A2 (Curvature): 0.001034

n (Exponent): 0.940000

Correlation: 0.999994

Status:

Warning

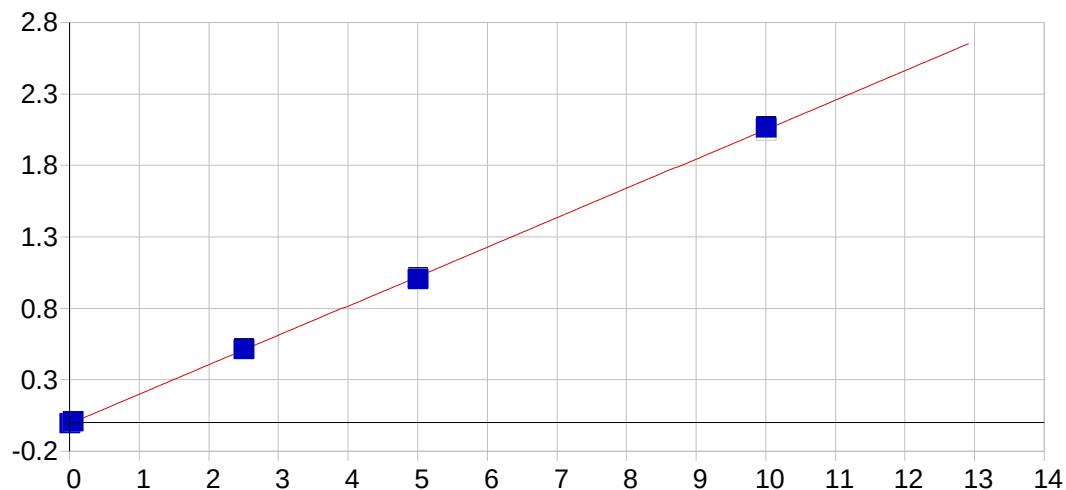
Positive Curvature

Std Error of Est: 0.000011

Predicted MDL: 0.005236

Predicted MQL: 0.017453

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00063	.000	1
S1	.02000	.01962	-.000	-1.92	.00252	.000	1
S3	2.5000	2.5153	.015	.611	.18736	.001	1
S4	5.0000	4.9775	-.023	-.451	.36533	.003	1
S5	10.000	10.007	.007	.074	.74160	.004	1



Sb 206.833 {463}

Date of Fit: 5/15/2020 15:45:18

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006036

Re-Slope: 1.000000

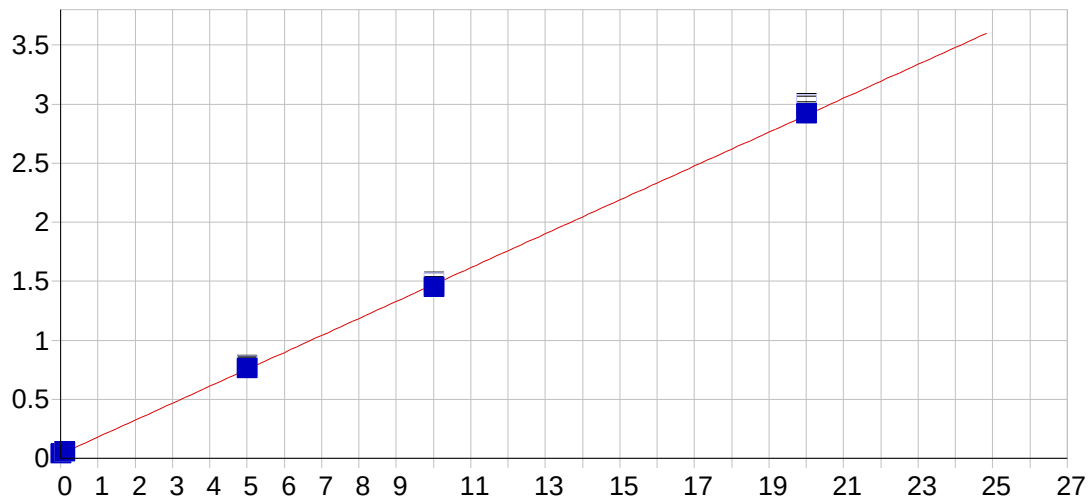
A1 (Gain): 0.205720

Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943
 Std Error of Est: 0.000083
 Predicted MDL: 0.002790
 Predicted MQL: 0.009298

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00604	.000	1
S1	.05000	.05076	.001	1.52	.00414	.000	1
S3	2.5000	2.5235	.023	.939	.50702	.001	1
S4	5.0000	4.9173	-.083	-1.65	.99341	.007	1
S5	10.000	10.058	.058	.585	2.0389	.006	1



AI 396.152 { 85}

Date of Fit: 5/15/2020 15:45:18

Type of Fit: Linear

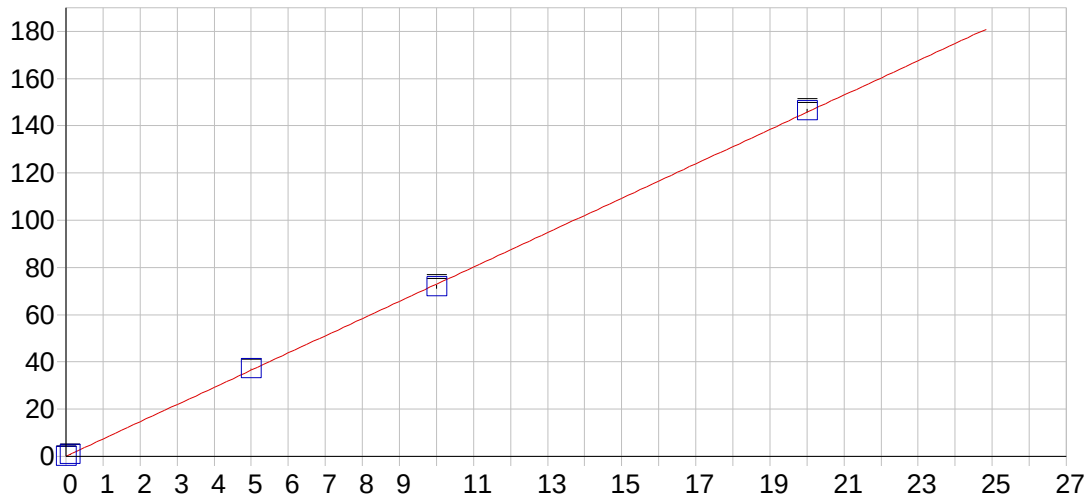
Weighting: 1/Conc

A0 (Offset): 0.036011
 A1 (Gain): 0.143516
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937
 Std Error of Est: 0.000126
 Predicted MDL: 0.008696
 Predicted MQL: 0.028987

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.03601	.001	1
S1	.10000	.11208	.012	12.1	.05315	.000	1
S3	5.0000	5.0517	.052	1.03	.77909	.006	1
S4	10.000	9.8490	-.151	-1.51	1.4857	.003	1
S5	20.000	20.087	.087	.433	2.9911	.012	1

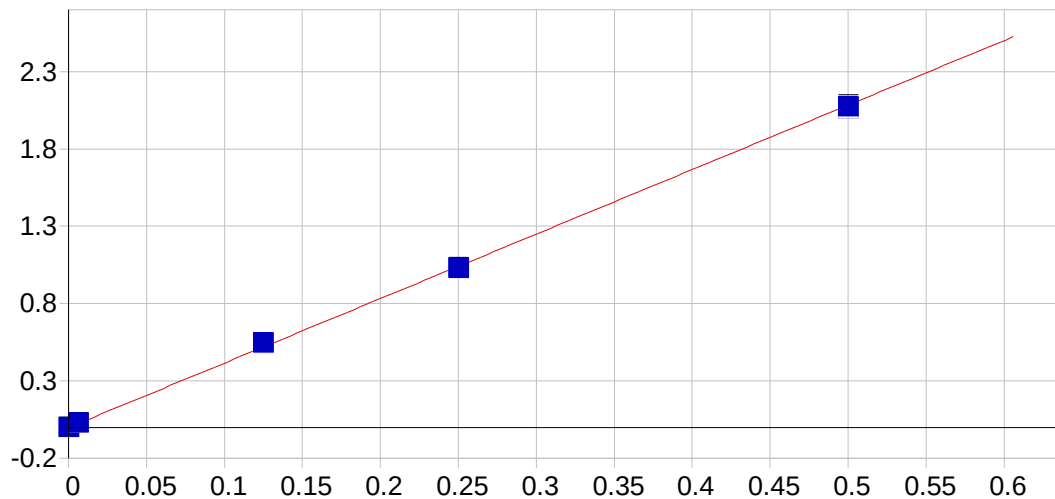


Ba 493.409 { 68}

Date of Fit: 5/15/2020 15:45:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.114513 Re-Slope: 1.000000
 A1 (Gain): 7.280679 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.006132
 Predicted MDL: 0.000377
 Predicted MQL: 0.001257

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.11448	.002	1
S1	.10000	.10409	.004	4.09	.87237	.001	1
S3	5.0000	5.0666	.067	1.33	37.003	.159	1
S4	10.000	9.8341	-.166	-1.66	71.713	.831	1
S5	20.000	20.095	.095	.476	146.42	.792	1



Be 234.861 {144}

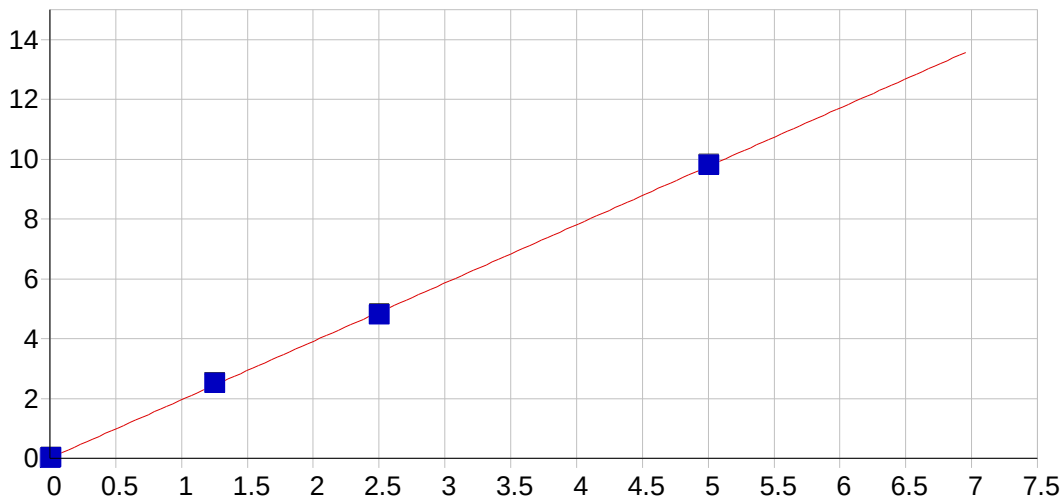
Date of Fit: 5/15/2020 15:45:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001307 Re-Slope: 1.000000
 A1 (Gain): 4.168549 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999803
 Std Error of Est: 0.000244
 Predicted MDL: 0.000114
 Predicted MQL: 0.000381

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00131	.001	1
S1	.00600	.00651	.001	8.53	.02558	.001	1
S3	.12500	.13054	.006	4.43	.53957	.003	1
S4	.25000	.24718	-.003	-1.13	1.0225	.002	1
S5	.50000	.49677	-.003	-.645	2.0564	.013	1



Cd 226.502 {449}

Date of Fit: 5/15/2020 15:45:18

Type of Fit: Linear

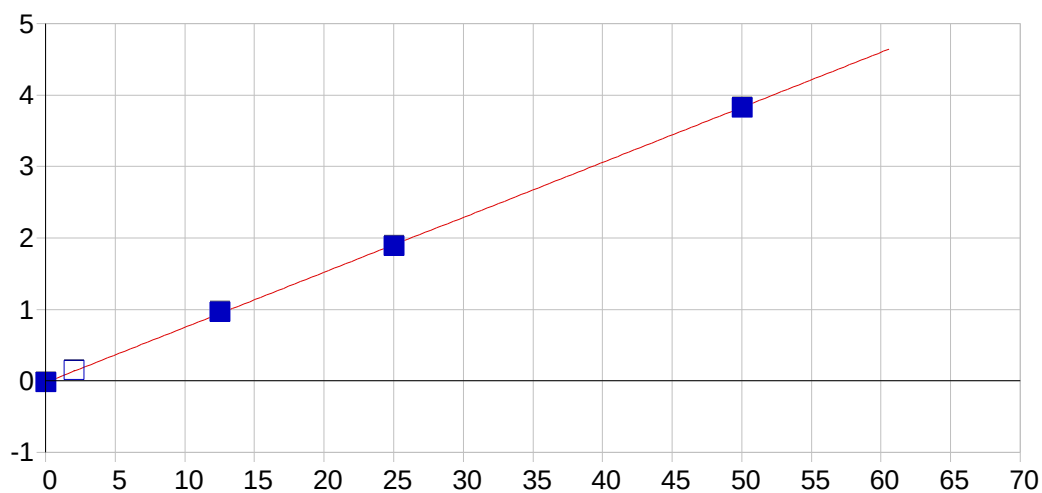
Weighting: 1/Conc

A0 (Offset): 0.008235
 A1 (Gain): 1.950459
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922
 Std Error of Est: 0.000228
 Predicted MDL: 0.000203
 Predicted MQL: 0.000676

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00824	.000	1
S1	.00600	.00587	-.000	-2.19	.01973	.000	1
S3	1.2500	1.2746	.025	1.97	2.4955	.025	1
S4	2.5000	2.4552	-.045	-1.79	4.7995	.009	1
S5	5.0000	5.0203	.020	.406	9.8050	.012	1

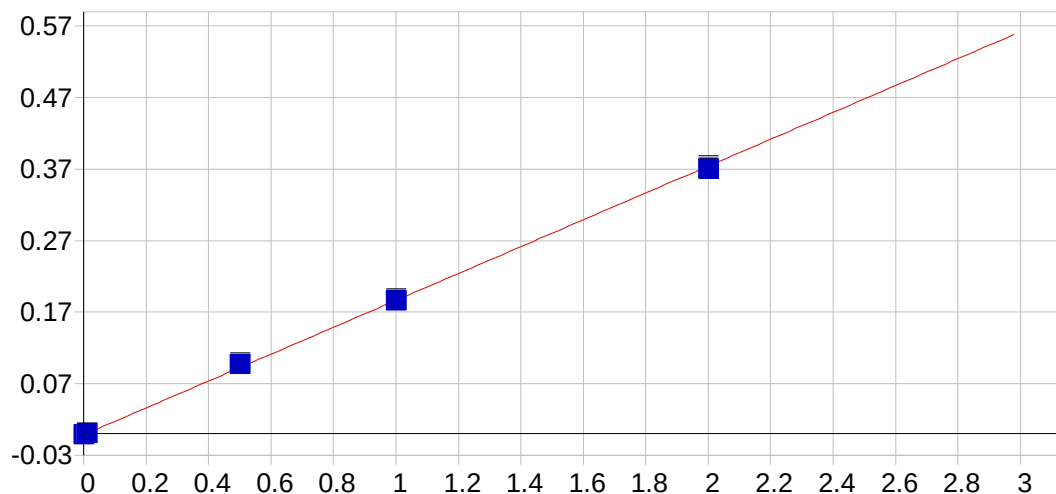


Ca 373.690 { 90}

Date of Fit: 5/15/2020 15:45:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.020645 Re-Slope: 1.000000
 A1 (Gain): 0.076959 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999856 Status: OK.
 Std Error of Est: 0.000714
 Predicted MDL: 0.014204
 Predicted MQL: 0.047345

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00019	-.000	.000	-.02066	.001	1
S2	2.0000	2.1763	.176	8.81	.14684	.002	1
S3	12.500	12.783	.283	2.26	.96360	.003	1
S4	25.000	24.711	-.289	-1.16	1.8821	.009	1
S5	50.000	49.830	-.170	-.340	3.8163	.007	1



Cr 267.716 {126}

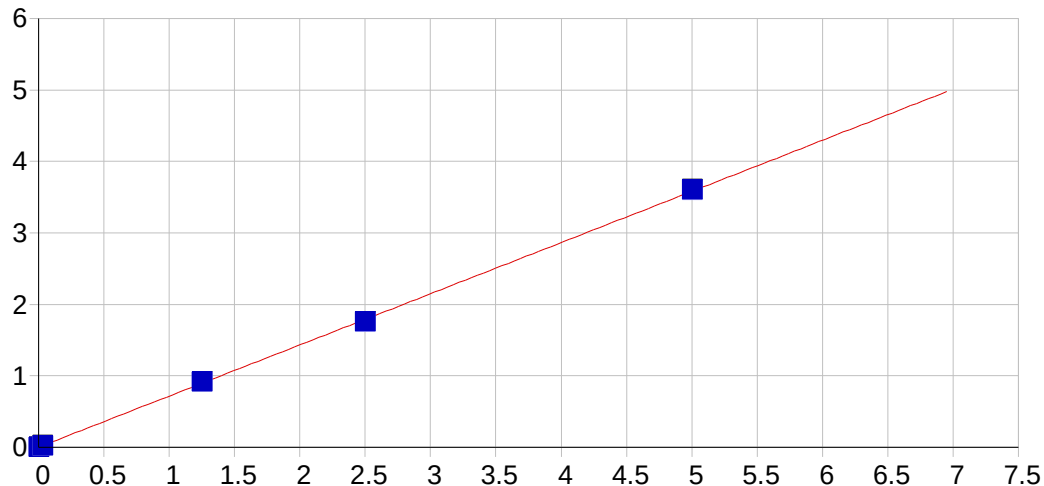
Date of Fit: 5/15/2020 15:45:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001300 Re-Slope: 1.000000
 A1 (Gain): 0.187793 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999785
 Std Error of Est: 0.000030
 Predicted MDL: 0.001010
 Predicted MQL: 0.003367

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00130	.000	1
S1	.01000	.01012	.000	1.23	.00061	.000	1
S3	.50000	.52537	.025	5.07	.09794	.001	1
S4	1.0000	.99551	-.004	-.449	.18681	.001	1
S5	2.0000	1.9790	-.021	-1.05	.37266	.002	1



Co 228.616 {448}

Date of Fit: 5/15/2020 15:45:18

Type of Fit: Linear

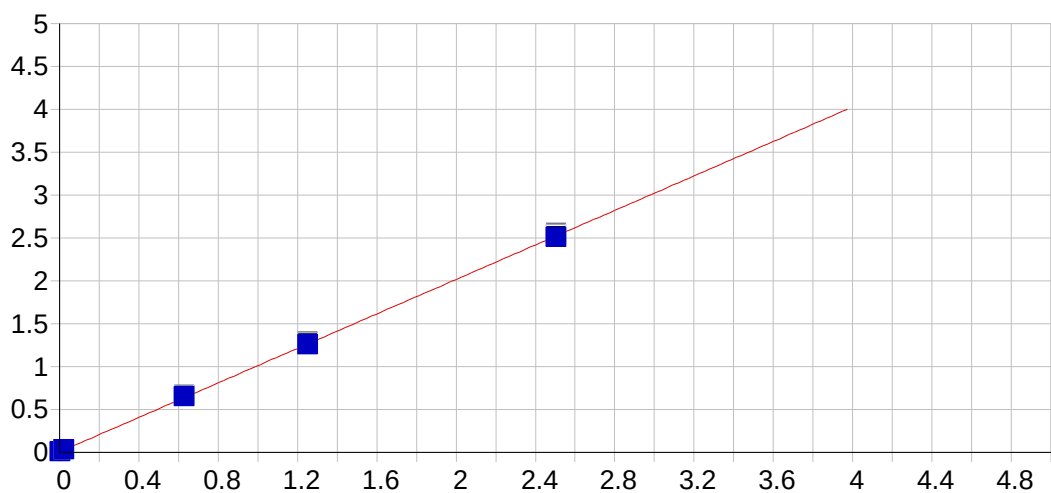
Weighting: 1/Conc

A0 (Offset): 0.001465
 A1 (Gain): 0.715755
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906
 Std Error of Est: 0.000205
 Predicted MDL: 0.000461
 Predicted MQL: 0.001536

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00147	.000	1
S1	.03000	.02893	-.001	-3.56	.02198	.000	1
S3	1.2500	1.2723	.022	1.78	.90967	.001	1
S4	2.5000	2.4491	-.051	-2.04	1.7495	.002	1
S5	5.0000	5.0297	.030	.593	3.5917	.005	1

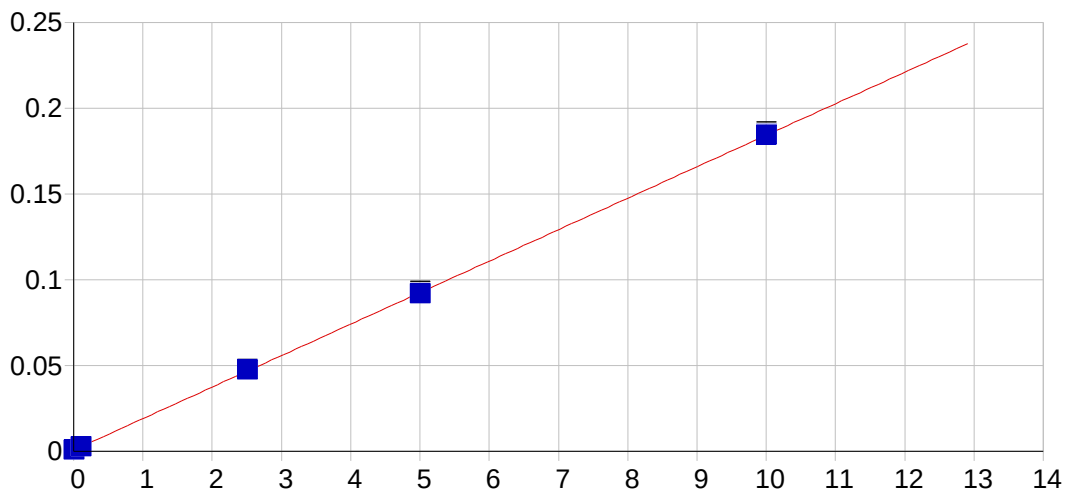


Cu 224.700 {450}

Date of Fit: 5/15/2020 15:45:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005847 Re-Slope: 1.000000
 A1 (Gain): 1.005563 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000155
 Predicted MDL: 0.000677
 Predicted MQL: 0.002257

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00585	.000	1
S1	.02000	.02123	.001	6.15	.02751	.001	1
S3	.62500	.64325	.018	2.92	.66255	.003	1
S4	1.2500	1.2432	-.007	-.546	1.2757	.004	1
S5	2.5000	2.4873	-.013	-.506	2.5465	.005	1



Fe 240.488 {140}

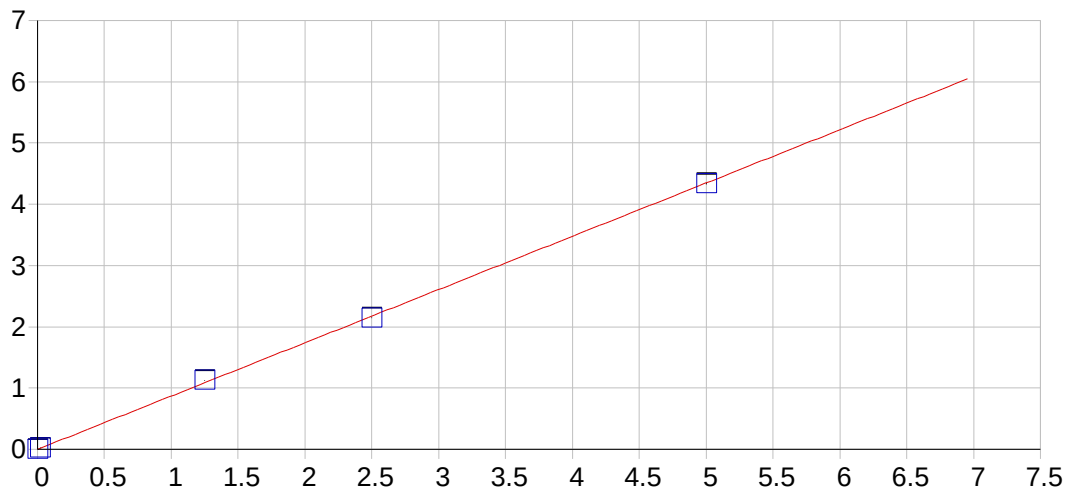
Date of Fit: 5/15/2020 15:45:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000716 Re-Slope: 1.000000
 A1 (Gain): 0.018355 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967
 Std Error of Est: 0.000008
 Predicted MDL: 0.005584
 Predicted MQL: 0.018614

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00072	.000	1
S1	.10000	.09881	-.001	-1.19	.00254	.000	1
S3	2.5000	2.5439	.044	1.75	.04764	.000	1
S4	5.0000	4.9568	-.043	-.865	.09216	.001	1
S5	10.000	10.001	.001	.006	.18520	.001	1



Mn 257.610 {131}

Date of Fit: 5/15/2020 15:45:18

Type of Fit: Linear

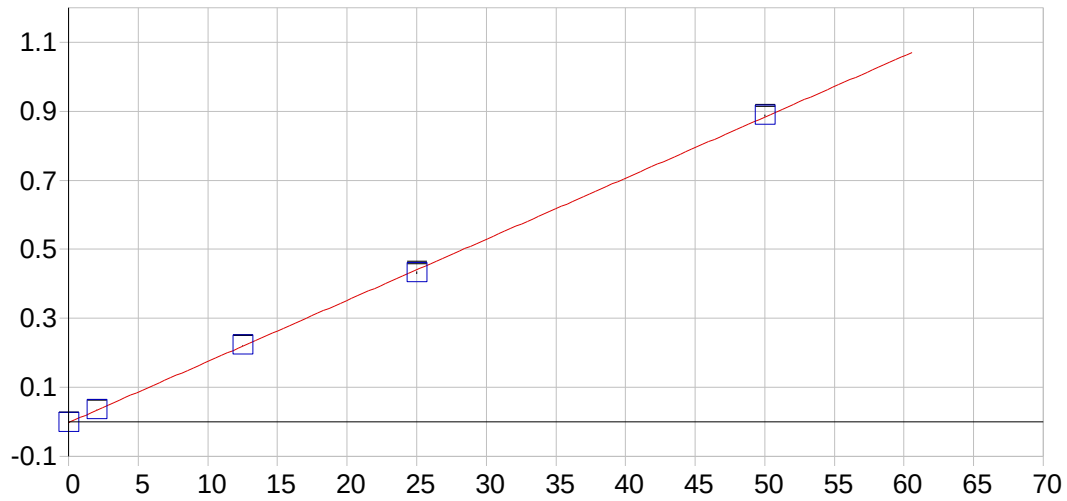
Weighting: 1/Conc

A0 (Offset): 0.000717
 A1 (Gain): 0.869356
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881
 Std Error of Est: 0.000230
 Predicted MDL: 0.000449
 Predicted MQL: 0.001496

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00072	.000	1
S1	.02000	.02177	.002	8.85	.01964	.000	1
S3	1.2500	1.2933	.043	3.46	1.1250	.004	1
S4	2.5000	2.4682	-.032	-1.27	2.1465	.008	1
S5	5.0000	4.9867	-.013	-.266	4.3359	.013	1

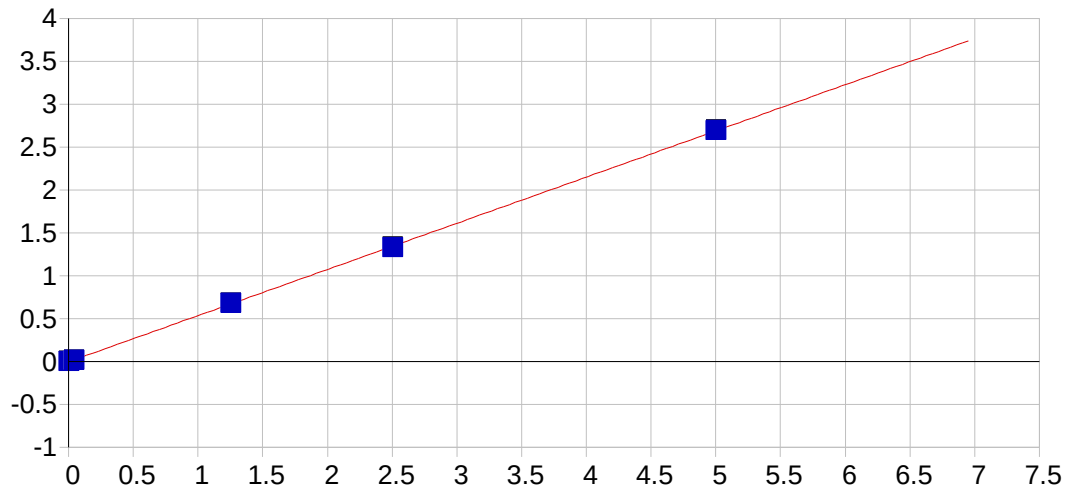


Mg 279.079 {121}

Date of Fit: 5/15/2020 15:45:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002035 Re-Slope: 1.000000
 A1 (Gain): 0.017705 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000126
 Predicted MDL: 0.030203
 Predicted MQL: 0.100677

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	-.000	.000	-.00204	.000	1
S2	2.0000	2.0703	.070	3.51	.03462	.000	1
S3	12.500	12.658	.158	1.27	.22208	.001	1
S4	25.000	24.514	-.486	-1.94	.43198	.004	1
S5	50.000	50.257	.257	.515	.88777	.003	1



Ni 231.604 {446}

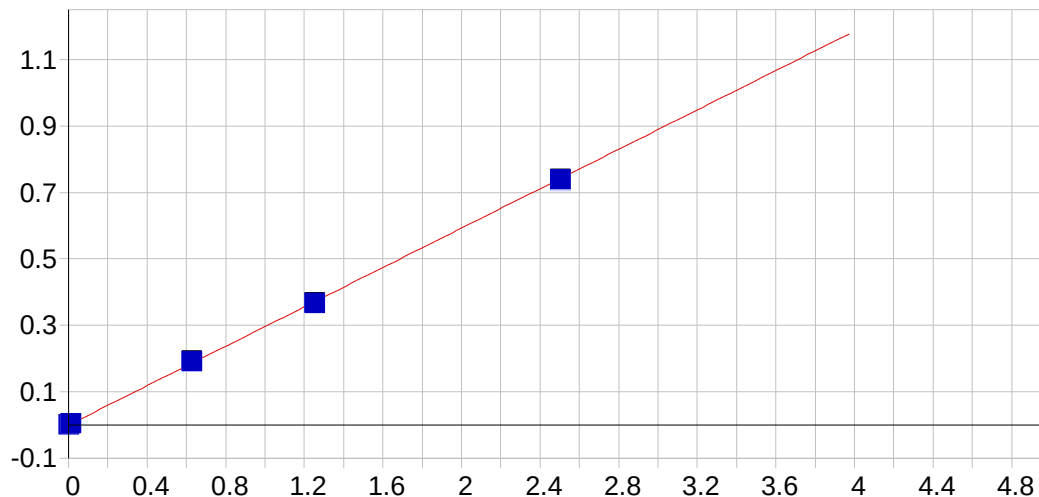
Date of Fit: 5/15/2020 15:45:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003250 Re-Slope: 1.000000
 A1 (Gain): 0.538513 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953
 Std Error of Est: 0.000127
 Predicted MDL: 0.000774
 Predicted MQL: 0.002581

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00325	.000	1
S1	.04000	.03875	-.001	-3.13	.01760	.000	1
S3	1.2500	1.2711	.021	1.69	.68098	.001	1
S4	2.5000	2.4682	-.032	-1.27	1.3253	.007	1
S5	5.0000	5.0119	.012	.239	2.6945	.006	1



Ag 328.068 {103}

Date of Fit: 5/15/2020 15:45:18

Type of Fit: Linear

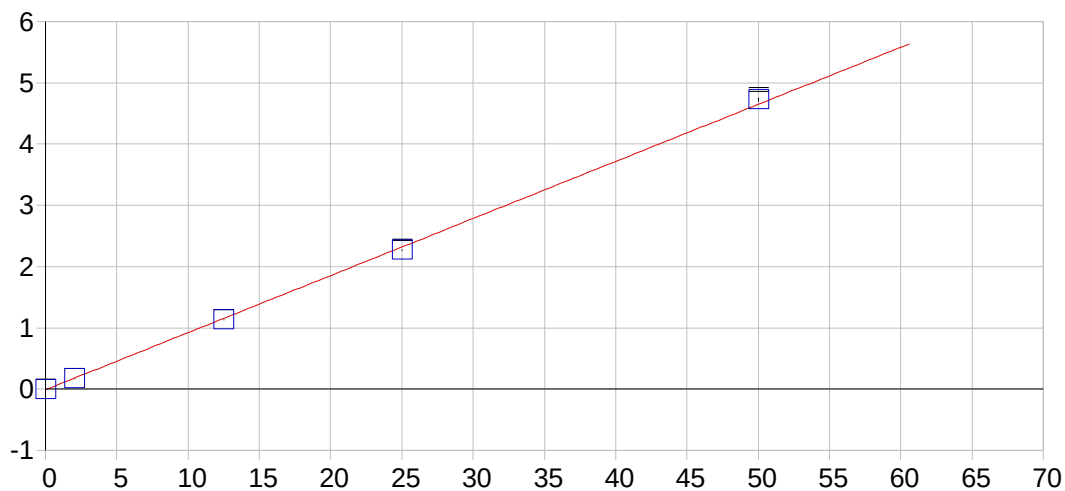
Weighting: 1/Conc

A0 (Offset): 0.000044
 A1 (Gain): 0.296342
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907
 Std Error of Est: 0.000034
 Predicted MDL: 0.000878
 Predicted MQL: 0.002928

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.01000	.01066	.001	6.63	.00315	.000	1
S3	.62500	.64467	.020	3.15	.18947	.001	1
S4	1.2500	1.2382	-.012	-.947	.36374	.001	1
S5	2.5000	2.4915	-.008	-.339	.73193	.001	1

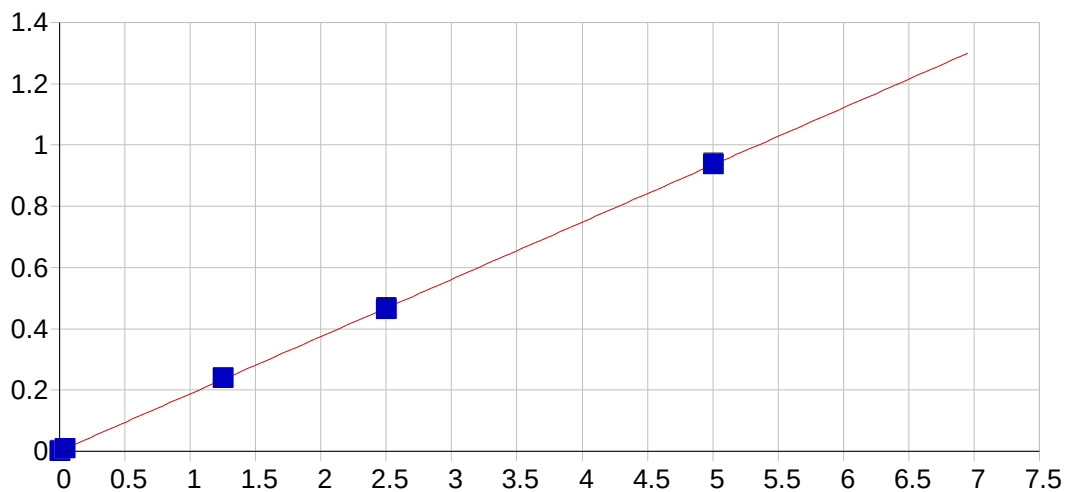


Na 589.592 { 57}

Date of Fit: 5/15/2020 15:45:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.009796 Re-Slope: 1.000000
 A1 (Gain): 0.093167 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999829 Status: OK.
 Std Error of Est: 0.000942
 Predicted MDL: 0.009592
 Predicted MQL: 0.031974

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	-.00979	.001	1
S2	2.0000	1.9555	-.044	-2.22	.17239	.001	1
S3	12.500	12.267	-.233	-1.87	1.1330	.003	1
S4	25.000	24.456	-.544	-2.18	2.2687	.008	1
S5	50.000	50.822	.822	1.64	4.7251	.027	1



V 292.402 {115}

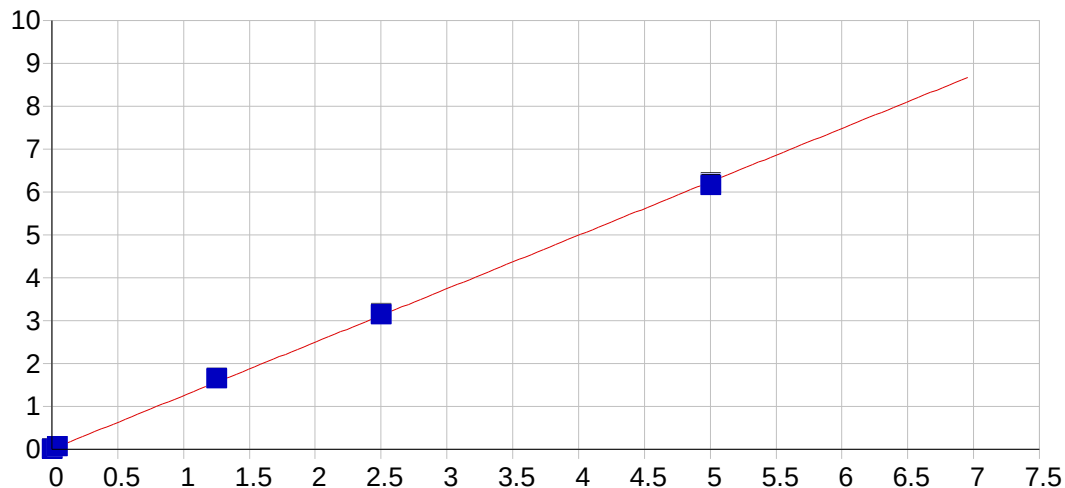
Date of Fit: 5/15/2020 15:45:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001026 Re-Slope: 1.000000
 A1 (Gain): 0.186789 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954
 Std Error of Est: 0.000043
 Predicted MDL: 0.002662
 Predicted MQL: 0.008873

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00103	.000	1
S1	.04000	.03758	-.002	-6.05	.00797	.000	1
S3	1.2500	1.2710	.021	1.68	.23769	.001	1
S4	2.5000	2.4731	-.027	-1.08	.46150	.004	1
S5	5.0000	5.0083	.008	.166	.93356	.003	1



Zn 206.200 {464}

Date of Fit: 5/15/2020 15:45:18

Type of Fit: Linear

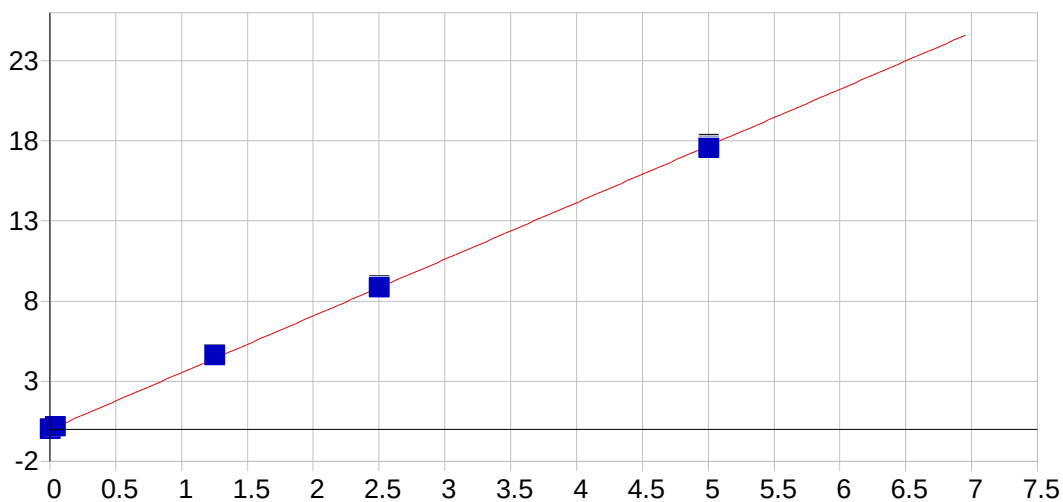
Weighting: 1/Conc

A0 (Offset): 0.006458
 A1 (Gain): 1.246147
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999749
 Std Error of Est: 0.000680
 Predicted MDL: 0.000388
 Predicted MQL: 0.001293

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00645	.000	1
S1	.04000	.04265	.003	6.63	.05996	.000	1
S3	1.2500	1.3132	.063	5.05	1.6537	.005	1
S4	2.5000	2.5076	.008	.303	3.1530	.006	1
S5	5.0000	4.9266	-.073	-1.47	6.1891	.015	1

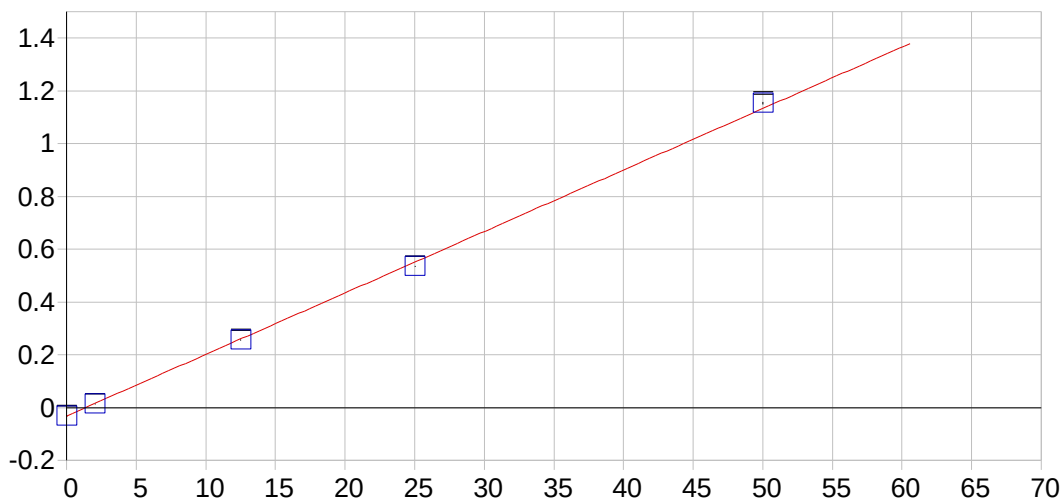


Zn 213.856 {158}

Date of Fit: 5/15/2020 15:45:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000327 Re-Slope: 1.000000
 A1 (Gain): 3.537186 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857 Status: OK.
 Std Error of Est: 0.001456
 Predicted MDL: 0.000592
 Predicted MQL: 0.001975

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00032	.003	1
S1	.04000	.04068	.001	1.69	.14520	.001	1
S3	1.2500	1.3008	.051	4.06	4.6321	.016	1
S4	2.5000	2.4969	-.003	-.126	8.8937	.051	1
S5	5.0000	4.9517	-.048	-.966	17.639	.144	1



K 766.490 {44}

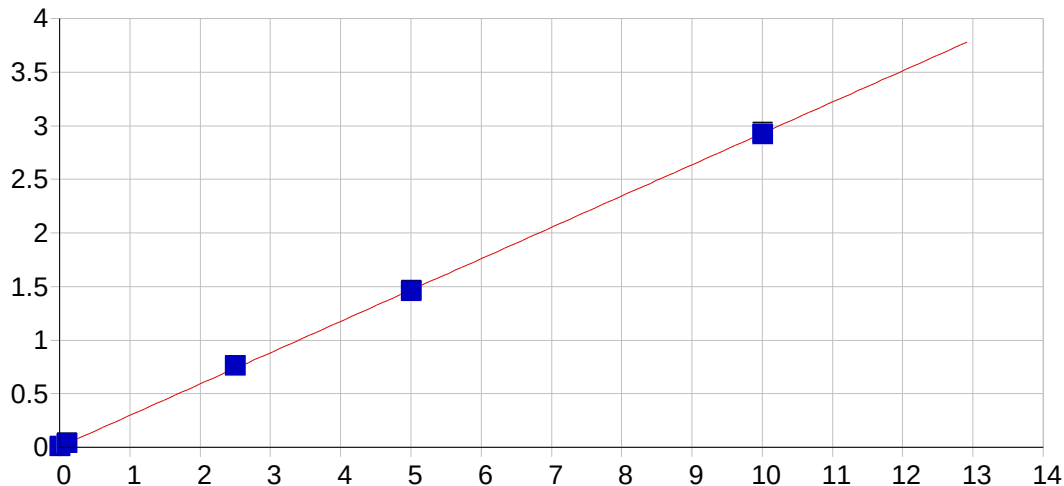
Date of Fit: 5/15/2020 15:45:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.031594 Re-Slope: 1.000000
 A1 (Gain): 0.023291 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999805
 Std Error of Est: 0.000251
 Predicted MDL: 0.039229
 Predicted MQL: 0.130763

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00010	.000	.000	-.03159	.001	1
S2	2.0000	1.9445	-.056	-2.78	.01369	.001	1
S3	12.500	12.358	-.142	-1.14	.25623	.002	1
S4	25.000	24.344	-.656	-2.62	.53540	.000	1
S5	50.000	50.854	.854	1.71	1.1528	.006	1



B 249.678 {135}

Date of Fit: 5/15/2020 15:45:18

Type of Fit: Linear

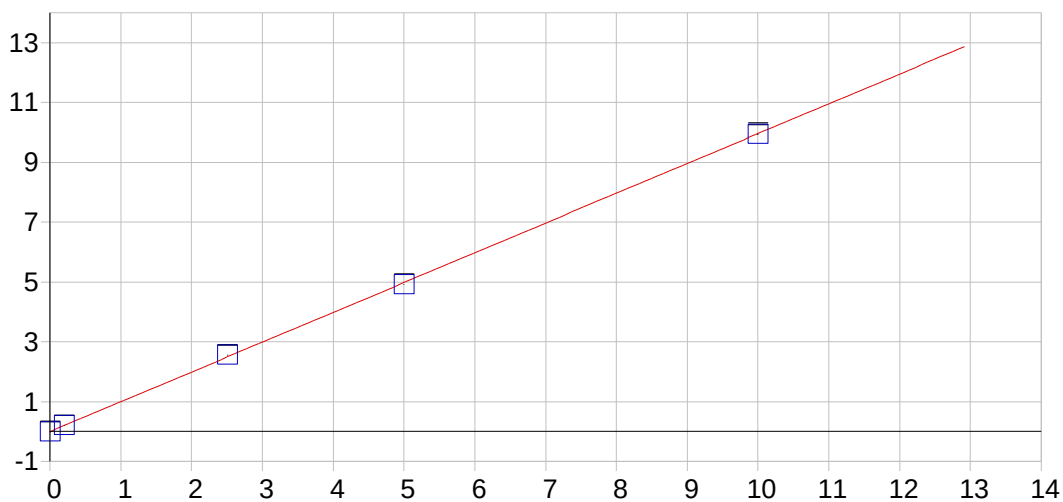
Weighting: 1/Conc

A0 (Offset): 0.005767
 A1 (Gain): 0.292246
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934
 Std Error of Est: 0.000181
 Predicted MDL: 0.001480
 Predicted MQL: 0.004934

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00577	.000	1
S1	.10000	.10205	.002	2.05	.03544	.000	1
S3	2.5000	2.5686	.069	2.74	.75408	.004	1
S4	5.0000	4.9626	-.037	-.749	1.4514	.004	1
S5	10.000	9.9668	-.033	-.332	2.9092	.021	1

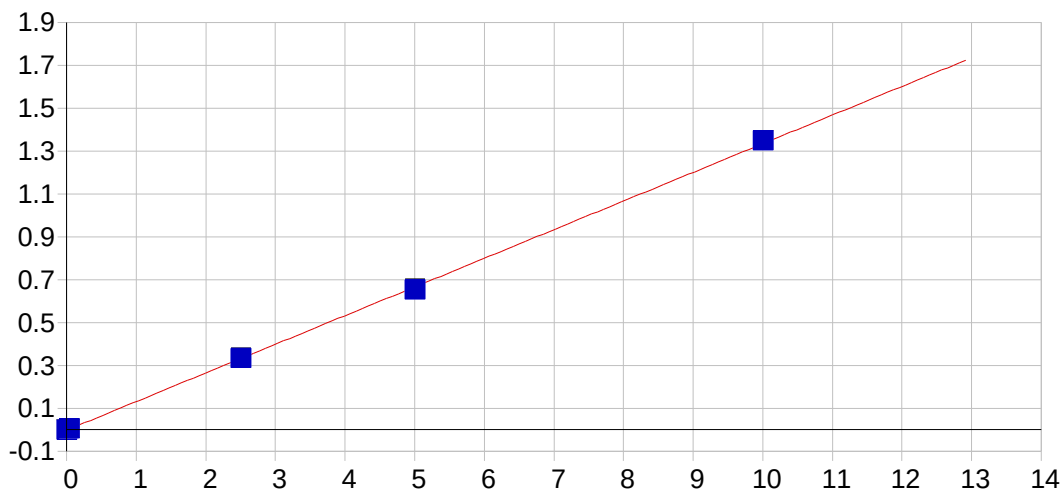


Mo 202.030 {467}

Date of Fit: 5/15/2020 15:45:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005144 Re-Slope: 1.000000
 A1 (Gain): 0.996346 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.001005
 Predicted MDL: 0.000477
 Predicted MQL: 0.001590

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00516	.000	1
S1	.20000	.20910	.009	4.55	.20319	.000	1
S3	2.5000	2.5683	.068	2.73	2.5538	.006	1
S4	5.0000	4.9389	-.061	-1.22	4.9157	.017	1
S5	10.000	9.9837	-.016	-.163	9.9421	.027	1



Sn 189.989 {478}

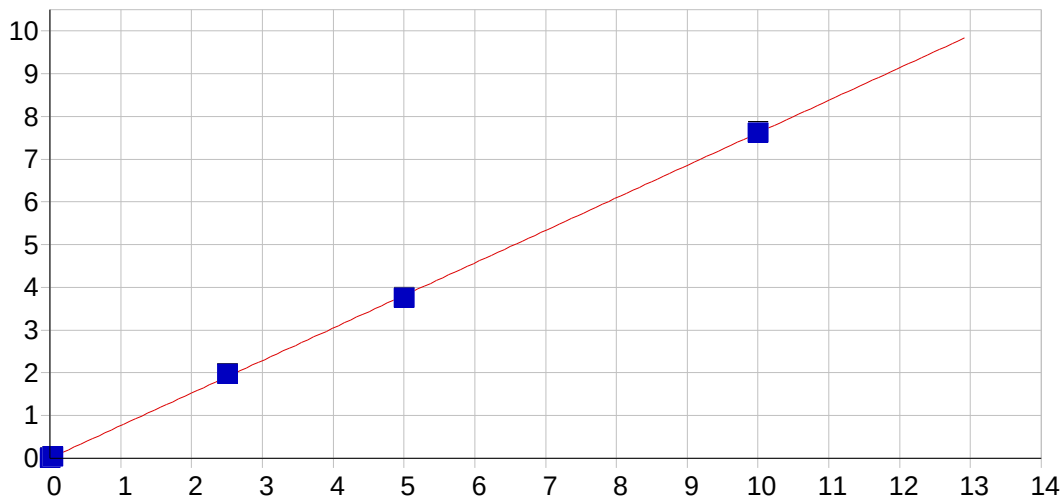
Date of Fit: 5/15/2020 15:45:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001701 Re-Slope: 1.000000
 A1 (Gain): 0.133645 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916
 Std Error of Est: 0.000059
 Predicted MDL: 0.001682
 Predicted MQL: 0.005606

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00170	.000	1
S1	.04000	.03863	-.001	-3.43	.00346	.000	1
S3	2.5000	2.5058	.006	.231	.33337	.000	1
S4	5.0000	4.9006	-.099	-1.99	.65362	.002	1
S5	10.000	10.095	.095	.950	1.3482	.000	1



Ti 336.121 {100}

Date of Fit: 5/15/2020 15:45:18

Type of Fit: Linear

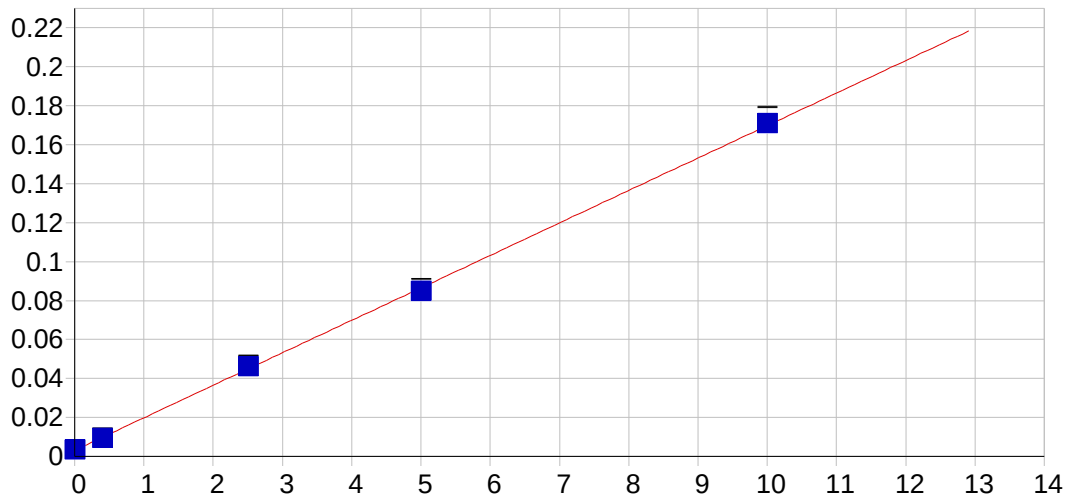
Weighting: 1/Conc

A0 (Offset): 0.003529
 A1 (Gain): 0.761369
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883
 Std Error of Est: 0.000398
 Predicted MDL: 0.001039
 Predicted MQL: 0.003463

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00353	.000	1
S1	.04000	.04105	.001	2.63	.03477	.001	1
S3	2.5000	2.5824	.082	3.30	1.9695	.005	1
S4	5.0000	4.9174	-.083	-1.65	3.7470	.006	1
S5	10.000	9.9992	-.001	-.008	7.6156	.017	1

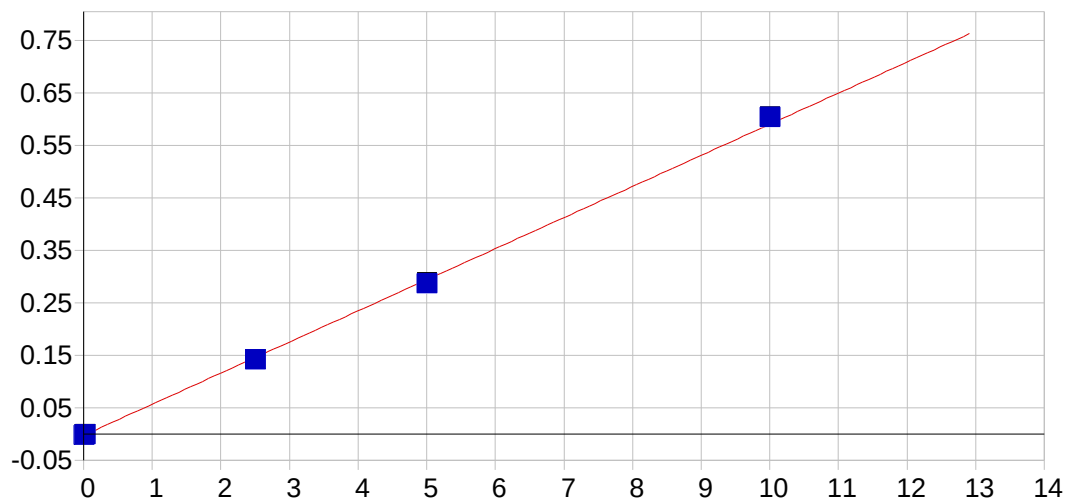


Si 288.158 {117}

Date of Fit: 5/15/2020 15:45:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003184 Re-Slope: 1.000000
 A1 (Gain): 0.016666 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999780 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.010674
 Predicted MQL: 0.035579

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00318	.000	1
S1	.40000	.36492	-.035	-8.77	.00926	.000	1
S3	2.5000	2.5717	.072	2.87	.04591	.001	1
S4	5.0000	4.8945	-.105	-2.11	.08448	.001	1
S5	10.000	10.069	.069	.689	.17044	.004	1



P 177.495 {490}

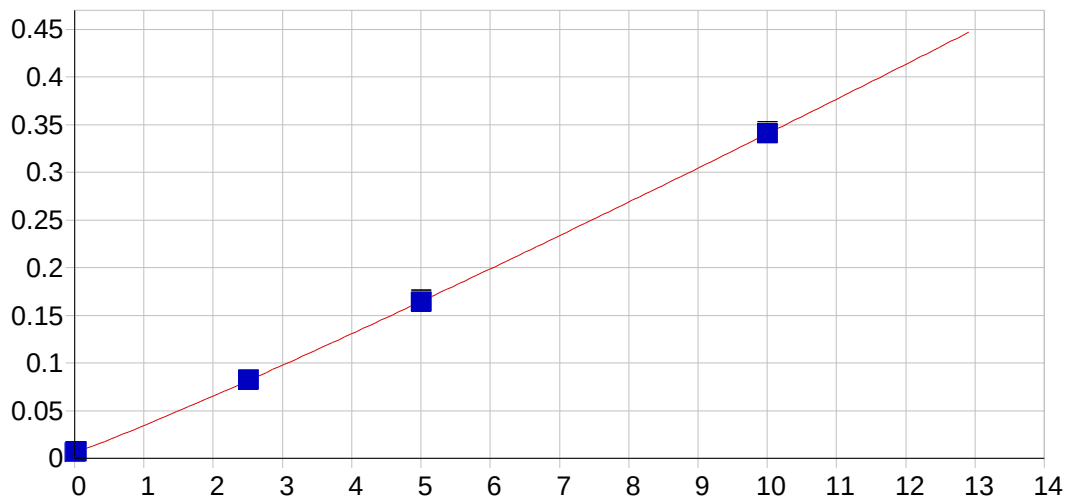
Date of Fit: 5/15/2020 15:45:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002353 Re-Slope: 1.000000
 A1 (Gain): 0.059278 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999663
 Std Error of Est: 0.000037
 Predicted MDL: 0.003517
 Predicted MQL: 0.011723

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00235	.000	1
S1	.02000	.01684	-.003	-15.8	-.00136	.000	1
S3	2.5000	2.4168	-.083	-3.33	.14070	.000	1
S4	5.0000	4.8653	-.135	-2.69	.28562	.002	1
S5	10.000	10.221	.221	2.21	.60267	.001	1



S 182.034 {485}

Date of Fit: 5/15/2020 15:45:18

Type of Fit: Full Fit

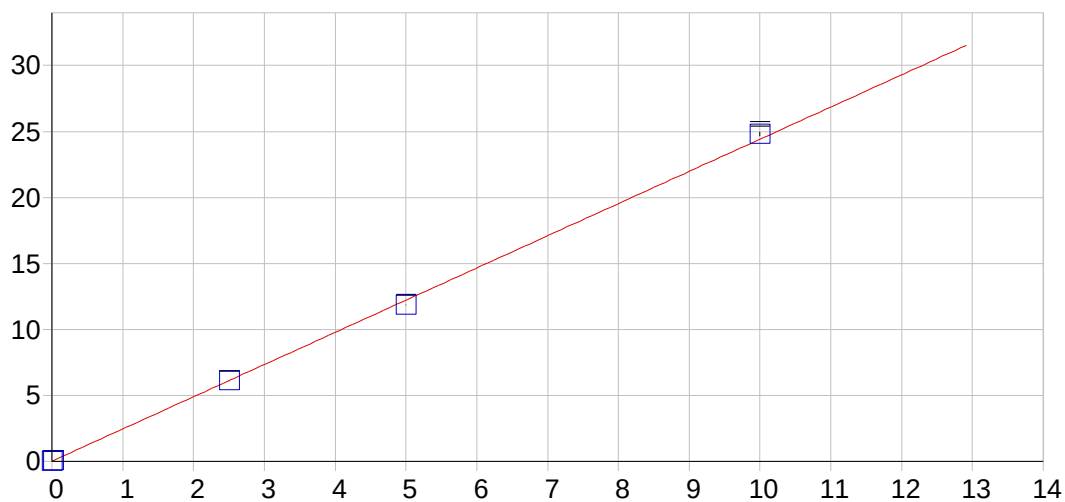
Weighting: 1/Conc

A0 (Offset): 0.006160
 A1 (Gain): 0.028139
 A2 (Curvature): 0.000026
 n (Exponent): 1.070000
 Correlation: 0.999997
 Std Error of Est: 0.000004
 Predicted MDL: 0.007292
 Predicted MQL: 0.024308

Re-Slope: 1.000000
 Y-int: 0.000000

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00616	.000	1
S1	.02000	.01862	-.001	-6.90	.00654	.000	1
S3	2.5000	2.5098	.010	.391	.08162	.001	1
S4	5.0000	4.9881	-.012	-.237	.16395	.002	1
S5	10.000	10.003	.003	.033	.34031	.002	1

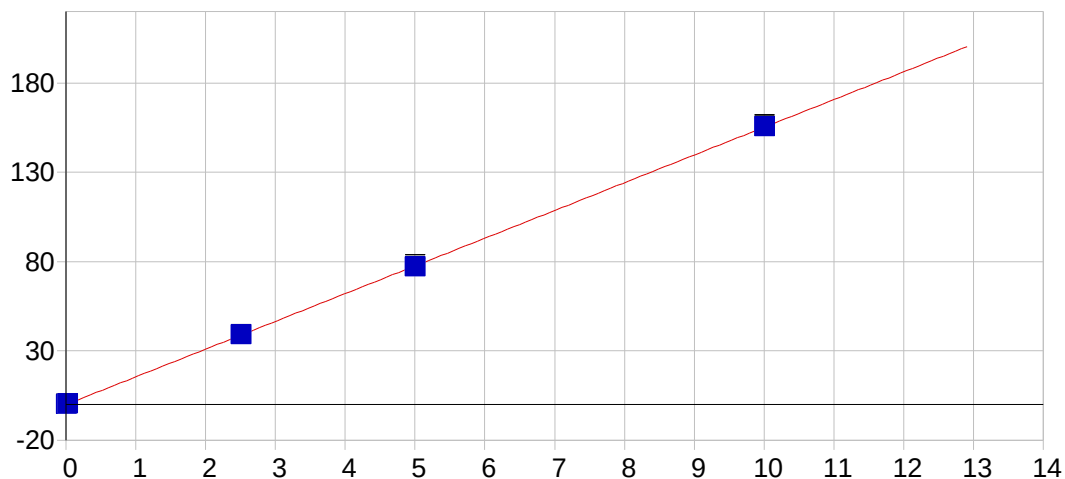


Li 670.784 { 50}

Date of Fit: 5/15/2020 15:45:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.017780 Re-Slope: 1.000000
 A1 (Gain): 2.439899 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999800 Status: OK.
 Std Error of Est: 0.001177
 Predicted MDL: 0.001178
 Predicted MQL: 0.003925

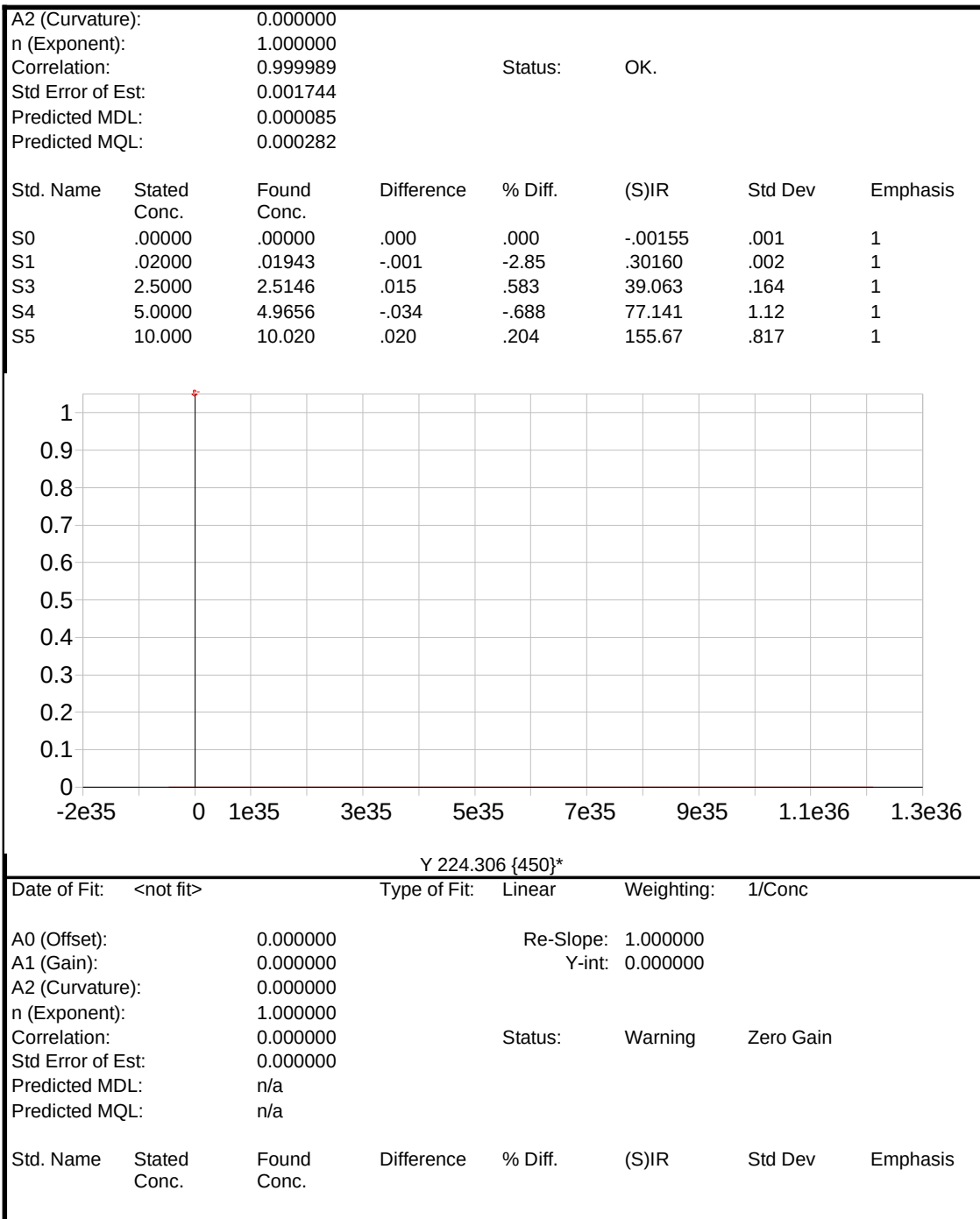
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01779	.002	1
S5	10.000	10.156	.156	1.56	24.799	.184	1
S4	5.0000	4.8525	-.148	-2.95	11.857	.011	1
S3	2.5000	2.4929	-.007	-.284	6.1002	.032	1
S1	.02000	.01815	-.002	-9.27	.06205	.002	1

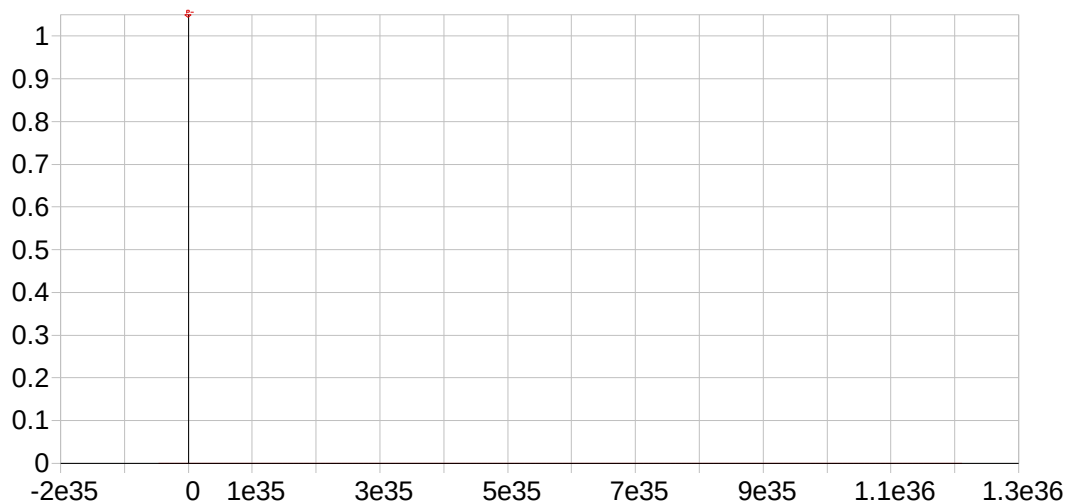


Sr 407.771 { 83}

Date of Fit: 5/15/2020 15:45:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001563 Re-Slope: 1.000000
 A1 (Gain): 15.518997 Y-int: 0.000000





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

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

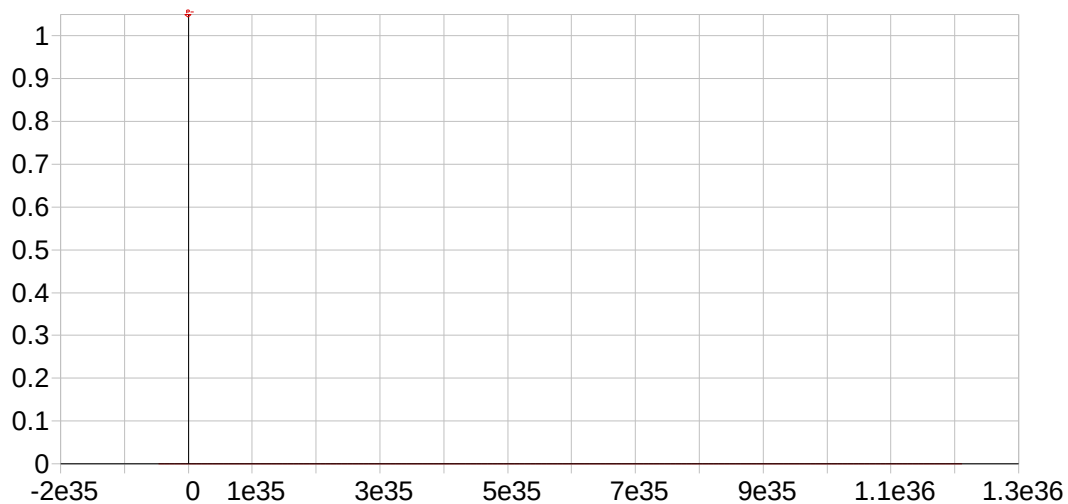
Status: Warning Zero Gain

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 371.030 { 91}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

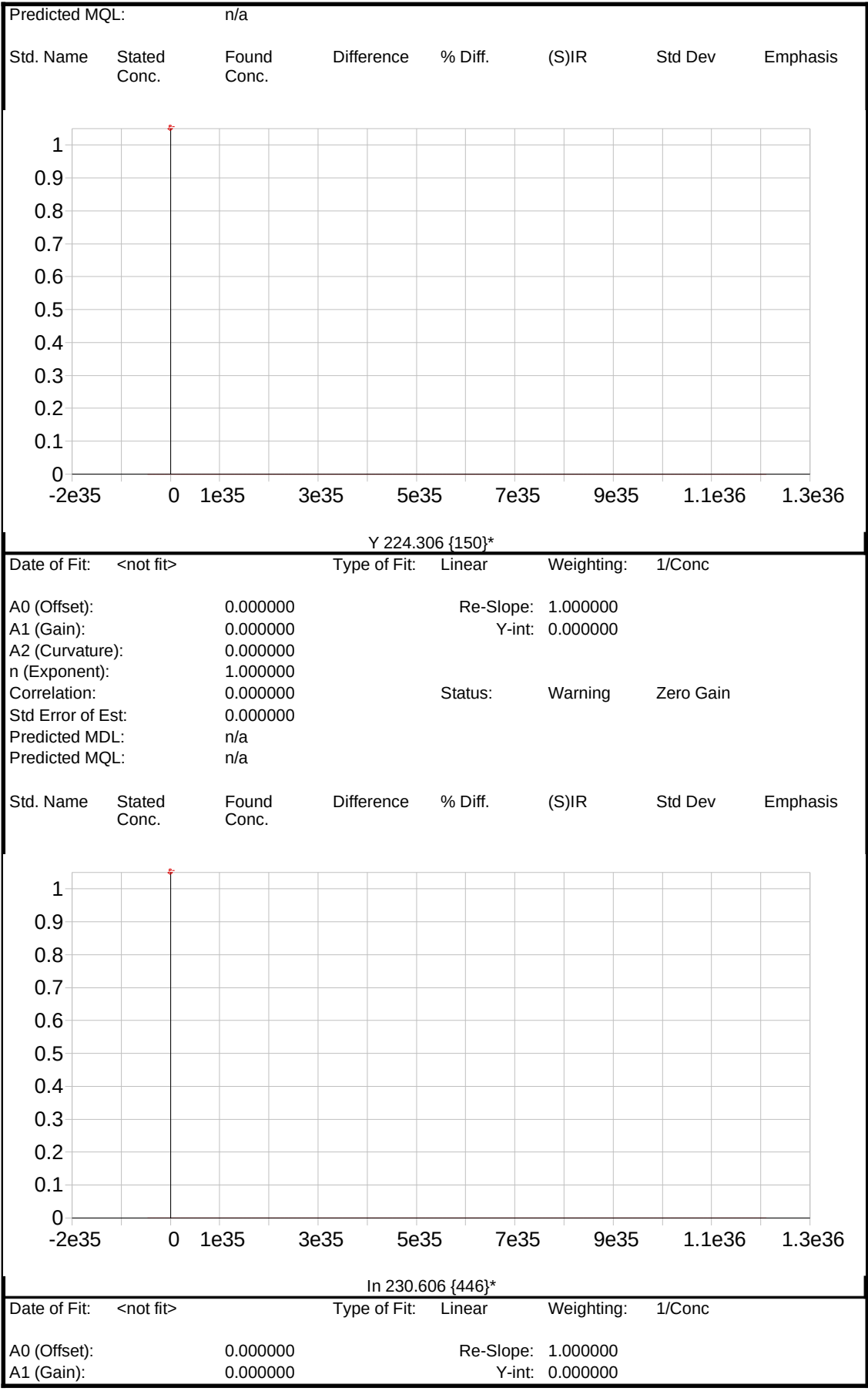
n (Exponent): 1.000000

Correlation: 0.000000

Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a



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: 5/15/2020 12:01:48 Type: Cal
Method: NON EPA-6010-200.7(v439) 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	.00389	-.00001	.00812	.00063	-.00604	.03601	.11448	-.00131
Stddev	.00039	.00019	.00046	.00010	.00030	.00129	.00238	.00077
%RSD	9.9482	1437.5	5.6911	15.610	4.9874	3.5947	2.0817	58.655

#1	.00351	-.00012	.00820	.00056	-.00634	.03555	.11691	-.00220
#2	.00429	-.00012	.00854	.00075	-.00574	.03501	.11214	-.00091
#3	.00388	.00020	.00763	.00059	-.00604	.03747	.11440	-.00082

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	.00824	-.02066	-.00130	.00147	.00585	.00072	.00072	-.00204
Stddev	.00038	.00113	.00010	.00033	.00024	.00013	.00025	.00021
%RSD	4.5767	5.4503	7.7624	22.684	4.0338	18.233	34.511	10.324

#1	.00817	-.02152	-.00137	.00113	.00560	.00086	.00072	-.00193
#2	.00790	-.01938	-.00118	.00147	.00587	.00069	.00096	-.00228
#3	.00864	-.02108	-.00135	.00180	.00607	.00060	.00047	-.00190

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	-.00325	.00004	-.00979	.00103	.00032	-.03159	.00577	-.00516
Stddev	.00024	.00013	.00051	.00024	.00282	.00095	.00043	.00025
%RSD	7.4010	298.59	5.2297	23.115	878.81	3.0187	7.4239	4.8612

#1	-.00328	-.00006	-.00935	.00107	.00032	-.03183	.00548	-.00490
#2	-.00300	.00000	-.00966	.00124	.00314	-.03054	.00556	-.00517
#3	-.00348	.00019	-.01035	.00077	-.00250	-.03240	.00626	-.00540

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	-.00170	.00353	.00318	-.00235	.00616	.01779	-.00155	
Stddev	.00019	.00029	.00013	.00013	.00008	.00236	.00073	
%RSD	10.922	8.2202	4.1732	5.6530	1.3555	13.250	46.752	

#1	-.00153	.00355	.00320	-.00225	.00620	.02017	-.00145	
#2	-.00190	.00323	.00305	-.00231	.00622	.01546	-.00089	
#3	-.00167	.00381	.00331	-.00250	.00606	.01772	-.00233	

Sample Name: S0 Acquired: 5/15/2020 12:01:48 Type: Cal
Method: NON EPA-6010-200.7(v439) 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	921.89	13748.	3923.2	615.35	1664.3
Stddev	3.42	71.	38.0	3.97	1.8
%RSD	.37134	.51899	.96901	.64527	.11109
#1	917.97	13666.	3879.7	614.48	1662.3
#2	923.46	13780.	3949.8	611.88	1665.0
#3	924.26	13798.	3940.2	619.68	1665.8

Sample Name: S1 Acquired: 5/15/2020 12:05:51 Type: Cal
Method: NON EPA-6010-200.7(v439) 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	.00561	.00290	.01124	.00252	.00414	.05315	.87237	.02558
Stddev	.00014	.00024	.00038	.00026	.00017	.00045	.00127	.00055
%RSD	2.4171	8.1368	3.3670	10.331	4.0992	.84607	.14519	2.1373

#1	.00573	.00317	.01080	.00258	.00400	.05358	.87105	.02576
#2	.00546	.00275	.01150	.00224	.00433	.05320	.87250	.02601
#3	.00564	.00278	.01141	.00275	.00409	.05268	.87357	.02496

Elem	Cd2265	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01973	.00061	.02198	.02751	.00254	.01964	.01760	.00315
Stddev	.00006	.00004	.00037	.00076	.00004	.00049	.00046	.00024
%RSD	.28433	5.9674	1.6630	2.7746	1.5647	2.5009	2.6119	7.7733

#1	.01977	.00060	.02227	.02723	.00253	.02015	.01709	.00299
#2	.01967	.00065	.02157	.02837	.00251	.01961	.01799	.00303
#3	.01975	.00058	.02210	.02692	.00258	.01917	.01771	.00343

Elem	V_2924	Zn2138	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00797	.14520	.03544	.20319	.00346	.03477	.00926	-.00136
Stddev	.00047	.00120	.00021	.00044	.00008	.00096	.00009	.00016
%RSD	5.8949	.82882	.60153	.21848	2.3681	2.7619	1.0070	11.713

#1	.00783	.14615	.03563	.20367	.00343	.03444	.00915	-.00133
#2	.00849	.14559	.03521	.20311	.00340	.03585	.00933	-.00122
#3	.00758	.14385	.03548	.20279	.00356	.03401	.00929	-.00153

Elem	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.00654	.06205	.30160
Stddev	.00020	.00167	.00209
%RSD	3.0179	2.6966	.69299

#1	.00660	.06231	.29969
#2	.00632	.06358	.30127
#3	.00670	.06027	.30383

Sample Name: S1 Acquired: 5/15/2020 12:05:51 Type: Cal
Method: NON EPA-6010-200.7(v439) 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	932.35	13900.	4055.7	623.92	1661.2
Stddev	1.39	60.	45.4	5.67	3.8
%RSD	.14898	.43470	1.1182	.90799	.22899
#1	931.01	13837.	4012.2	618.06	1658.4
#2	932.25	13907.	4052.2	629.36	1659.8
#3	933.78	13957.	4102.7	624.34	1665.6

Sample Name: S2 Acquired: 5/15/2020 12:09:54 Type: Cal
Method: NON EPA-6010-200.7(v439) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.14684	.03462	.17239	.01369
Stddev	.00160	.00030	.00090	.00059
%RSD	1.0917	.86178	.52188	4.3321

#1	.14518	.03481	.17142	.01372
#2	.14696	.03477	.17320	.01428
#3	.14838	.03428	.17255	.01309

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	13748.	4013.7
Stddev	51.	28.6
%RSD	.37287	.71270

#1	13697.	3983.6
#2	13748.	4040.5
#3	13799.	4017.1

Sample Name: S3 Acquired: 5/15/2020 12:13:56 Type: Cal
Method: NON EPA-6010-200.7(v439) 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	.22459	.20816	.53738	.18736	.50702	.77909	37.003	.53957
Stddev	.00132	.00085	.00175	.00069	.00140	.00602	.159	.00261
%RSD	.58583	.40907	.32617	.36959	.27609	.77253	.43057	.48353

#1	.22307	.20725	.53577	.18808	.50836	.77215	36.837	.53702
#2	.22545	.20894	.53713	.18670	.50714	.78240	37.155	.54223
#3	.22524	.20829	.53925	.18730	.50557	.78274	37.016	.53947

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	2.4955	.96360	.09794	.90967	.66255	.04764	1.1250	.22208
Stddev	.0253	.00279	.00075	.00057	.00284	.00016	.0039	.00099
%RSD	1.0151	.28999	.76067	.06242	.42852	.33709	.34756	.44459

#1	2.4682	.96133	.09752	.90903	.66161	.04773	1.1206	.22094
#2	2.5000	.96274	.09751	.90989	.66574	.04774	1.1266	.22259
#3	2.5183	.96672	.09880	.91010	.66030	.04745	1.1280	.22271

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	.68098	.18947	1.1330	.23769	4.6321	.25623	.75408	2.5538
Stddev	.00100	.00070	.0030	.00140	.0157	.00176	.00440	.0064
%RSD	.14749	.36735	.26240	.58964	.33989	.68710	.58405	.24969

#1	.68044	.19027	1.1320	.23608	4.6399	.25554	.75523	2.5521
#2	.68036	.18899	1.1308	.23839	4.6425	.25492	.75780	2.5608
#3	.68214	.18916	1.1364	.23861	4.6140	.25823	.74922	2.5484

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	.33337	1.9695	.04591	.14070	.08162	6.1002	39.063	
Stddev	.00036	.0052	.00067	.00041	.00052	.0323	.164	
%RSD	.10790	.26203	1.4548	.29443	.64081	.52877	.42078	

#1	.33298	1.9636	.04550	.14025	.08196	6.0761	38.885	
#2	.33345	1.9733	.04555	.14106	.08187	6.1369	39.209	
#3	.33369	1.9715	.04668	.14078	.08101	6.0877	39.094	

Sample Name: S3 Acquired: 5/15/2020 12:13:56 Type: Cal
Method: NON EPA-6010-200.7(v439) 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	903.47	13459.	4047.5	602.03	1538.9
Stddev	6.44	50.	11.7	2.62	13.3
%RSD	.71265	.36864	.28831	.43600	.86360
#1	910.85	13417.	4041.9	601.44	1553.7
#2	899.05	13514.	4039.7	599.76	1534.8
#3	900.50	13446.	4061.0	604.91	1528.1

Sample Name: S4 Acquired: 5/15/2020 12:17:45 Type: Cal
Method: NON EPA-6010-200.7(v439) 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	.43326	.40093	1.0279	.36533	.99341	1.4857	71.713	1.0225
Stddev	.00378	.00123	.0038	.00256	.00670	.0030	.831	.0020
%RSD	.87146	.30565	.37353	.70135	.67397	.20170	1.1595	.19797

#1	.43012	.39955	1.0242	.36419	.98774	1.4841	72.348	1.0248
#2	.43220	.40133	1.0278	.36353	.99170	1.4838	70.772	1.0218
#3	.43745	.40190	1.0318	.36826	1.0008	1.4891	72.021	1.0209

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	4.7995	1.8821	.18681	1.7495	1.2757	.09216	2.1465	.43198
Stddev	.0091	.0091	.00113	.0016	.0043	.00111	.0081	.00353
%RSD	.18992	.48153	.60576	.09291	.33947	1.2020	.37704	.81606

#1	4.8088	1.8793	.18724	1.7511	1.2713	.09098	2.1403	.42838
#2	4.7906	1.8748	.18766	1.7496	1.2757	.09232	2.1435	.43214
#3	4.7992	1.8923	.18553	1.7479	1.2800	.09318	2.1556	.43543

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	1.3253	.36374	2.2687	.46150	8.8937	.53540	1.4514	4.9157
Stddev	.0066	.00099	.0085	.00408	.0510	.00045	.0039	.0169
%RSD	.49747	.27333	.37269	.88475	.57353	.08487	.26675	.34468

#1	1.3192	.36484	2.2751	.45706	8.9198	.53512	1.4556	4.9268
#2	1.3243	.36344	2.2719	.46232	8.9264	.53515	1.4480	4.8962
#3	1.3323	.36292	2.2591	.46511	8.8349	.53592	1.4505	4.9241

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	.65362	3.7470	.08448	.28562	.16395	11.857	77.141	
Stddev	.00162	.0062	.00132	.00175	.00168	.011	1.118	
%RSD	.24800	.16414	1.5585	.61195	1.0235	.09557	1.4489	

#1	.65209	3.7400	.08309	.28424	.16243	11.865	75.983	
#2	.65347	3.7495	.08465	.28504	.16367	11.844	77.228	
#3	.65532	3.7516	.08570	.28759	.16575	11.863	78.213	

Sample Name: S4 Acquired: 5/15/2020 12:17:45 Type: Cal
Method: NON EPA-6010-200.7(v439) 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	878.09	13085.	3990.6	585.09	1476.0
Stddev	2.69	43.	19.5	3.70	4.3
%RSD	.30591	.33123	.48964	.63164	.28956
#1	875.03	13049.	3976.6	583.58	1471.1
#2	880.07	13133.	4012.9	582.39	1478.0
#3	879.18	13073.	3982.3	589.30	1479.0

Sample Name: S5 Acquired: 5/15/2020 12:21:43 Type: Cal
Method: NON EPA-6010-200.7(v439) 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	.88022	.80679	2.0793	.74160	2.0389	2.9911	146.42	2.0564
Stddev	.00198	.00033	.0010	.00351	.0057	.0123	.79	.0126
%RSD	.22504	.04069	.04653	.47284	.27915	.41059	.54096	.61407

#1	.87817	.80716	2.0790	.73774	2.0324	2.9958	145.65	2.0710
#2	.88212	.80664	2.0786	.74458	2.0419	2.9772	146.39	2.0497
#3	.88039	.80656	2.0804	.74248	2.0425	3.0004	147.23	2.0485

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	9.8050	3.8163	.37266	3.5917	2.5465	.18520	4.3359	.88777
Stddev	.0123	.0074	.00155	.0053	.0048	.00108	.0129	.00281
%RSD	.12589	.19388	.41719	.14770	.18906	.58442	.29766	.31620

#1	9.8024	3.8229	.37322	3.5904	2.5410	.18398	4.3508	.89095
#2	9.7941	3.8083	.37090	3.5872	2.5500	.18557	4.3275	.88672
#3	9.8184	3.8177	.37386	3.5976	2.5486	.18605	4.3295	.88564

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	2.6945	.73193	4.7251	.93356	17.639	1.1528	2.9092	9.9421
Stddev	.0063	.00123	.0267	.00276	.144	.0055	.0206	.0272
%RSD	.23436	.16813	.56511	.29616	.81508	.47808	.70946	.27318

#1	2.6873	.73267	4.7015	.93603	17.477	1.1484	2.9330	9.9110
#2	2.6989	.73051	4.7196	.93407	17.754	1.1512	2.8964	9.9540
#3	2.6974	.73261	4.7541	.93058	17.685	1.1590	2.8981	9.9613

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	1.3482	7.6156	.17044	.60267	.34031	24.799	155.67	
Stddev	.0002	.0170	.00353	.00073	.00192	.184	.82	
%RSD	.01654	.22326	2.0737	.12159	.56424	.74041	.52453	

#1	1.3481	7.6327	.16665	.60275	.33905	25.003	156.61	
#2	1.3480	7.5987	.17103	.60190	.33936	24.648	155.15	
#3	1.3485	7.6156	.17365	.60336	.34252	24.744	155.25	

Sample Name: S5 Acquired: 5/15/2020 12:21:43 Type: Cal
Method: NON EPA-6010-200.7(v439) 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	843.55	12751.	3898.9	571.37	1381.7
Stddev	.88	13.	33.4	5.42	.4
%RSD	.10453	.10453	.85718	.94931	.02765
#1	844.53	12747.	3860.3	577.04	1381.3
#2	843.30	12766.	3918.9	566.23	1381.9
#3	842.83	12740.	3917.5	570.84	1382.0

Sample Name: ICV01 Acquired: 5/15/2020 13:17:50 Type: Unk
Method: NON EPA-6010-200.7(v439) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9706335	1.004316	.9513064	.9867705	.9925444	2.572798	.5629893
Stddev	.0075488	.003334	.0037387	.0086149	.0037770	.016901	.0004745
%RSD	.7777211	.3319902	.3930047	.8730389	.3805387	.6569122	.0842772

#1	.9703075	1.001271	.9473022	.9808883	.9953928	2.553571	.5624658
#2	.9632530	1.007879	.9547059	.9827641	.9939805	2.585309	.5631112
#3	.9783401	1.003797	.9519112	.9966590	.9882600	2.579513	.5633910

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4844602	.4731485	9.891630	.5048523	.4980554	.5327637	10.43574
Stddev	.0023208	.0018930	.062986	.0021730	.0009331	.0027094	.06771
%RSD	.4790492	.4000765	.6367627	.4304257	.1873413	.5085593	.6487868

#1	.4871399	.4732216	9.851782	.5068322	.4975686	.5333748	10.36899
#2	.4830981	.4750039	9.858863	.5051971	.4991312	.5298009	10.43388
#3	.4831425	.4712201	9.964245	.5025274	.4974663	.5351154	10.50436

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5301611	5.823543	.4991274	.2533220	10.06863	.5132511	1.093000
Stddev	.0027940	.083433	.0006459	.0031945	.03971	.0010709	.006972
%RSD	.5270075	1.432692	.1294138	1.261026	.3943874	.2086536	.6378702

#1	.5274534	5.733366	.4984220	.2520524	10.05715	.5137017	1.092465
#2	.5299959	5.839267	.4996901	.2569560	10.11282	.5140231	1.086311
#3	.5330341	5.897996	.4992699	.2509574	10.03593	.5120285	1.100224

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.37756	2.615696	2.631214	2.507838	2.689947	2.638659	2.431529
Stddev	.09038	.005041	.005196	.001406	.009636	.016040	.002793
%RSD	.8709115	.1927205	.1974656	.0560594	.3582315	.6079009	.1148799

#1	10.29296	2.619382	2.633839	2.508823	2.678936	2.628580	2.433777
#2	10.36694	2.617754	2.625229	2.508463	2.696841	2.657156	2.432407
#3	10.47278	2.609951	2.634573	2.506228	2.694064	2.630242	2.428402

Sample Name: ICV01 Acquired: 5/15/2020 13:17:50 Type: Unk
 Method: NON EPA-6010-200.7(v439) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.576262	2.511420	2.617508
Stddev	.009194	.008015	.007637
%RSD	.3568569	.3191537	.2917477

#1	2.567750	2.520620	2.609255
#2	2.575022	2.505945	2.618945
#3	2.586012	2.507695	2.624323

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	839.8032	12249.67	3798.307	538.0945	1475.314
Stddev	3.3161	24.11	14.304	3.4349	5.742
%RSD	.3948643	.1967891	.3765971	.6383473	.3891999

#1	842.5415	12225.90	3783.100	536.5942	1481.851
#2	840.7518	12249.02	3811.494	542.0243	1471.088
#3	836.1161	12274.10	3800.327	535.6648	1473.002

Sample Name: LLICV01 Acquired: 5/15/2020 13:22:44 Type: Unk
Method: NON EPA-6010-200.7(v439) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204893	.0390188	.0120683	.0160940	.0543718	.1116624	.1187579
Stddev	.0051299	.0037616	.0007993	.0066277	.0031975	.0060583	.0003471
%RSD	25.03705	9.640591	6.622838	41.18100	5.880738	5.425593	.2922684

#1	.0161088	.0365205	.0111471	.0198822	.0510437	.1092821	.1183738
#2	.0192265	.0433451	.0124805	.0084411	.0574203	.1185494	.1190490
#3	.0261327	.0371907	.0125774	.0199585	.0546512	.1071557	.1188510

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065856	.0056958	2.218207	.0105970	.0302200	.0238811	.1080081
Stddev	.0001508	.0000491	.021706	.0002830	.0004130	.0011359	.0035493
%RSD	2.289959	.8627560	.9785401	2.670286	1.366794	4.756324	3.286145

#1	.0064899	.0056847	2.193185	.0103201	.0303233	.0241960	.1061658
#2	.0067594	.0056531	2.231973	.0105853	.0305717	.0226210	.1057588
#3	.0065074	.0057495	2.229463	.0108856	.0297652	.0248263	.1120998

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237089	2.145724	.0404799	.0084101	2.183123	.0398665	.0479321
Stddev	.0002649	.035427	.0005422	.0011207	.007662	.0007668	.0004938
%RSD	1.117108	1.651073	1.339435	13.32616	.3509782	1.923363	1.030206

#1	.0234031	2.130349	.0399429	.0072275	2.180405	.0406625	.0484749
#2	.0238574	2.120582	.0410272	.0094566	2.177191	.0391327	.0478117
#3	.0238661	2.186242	.0404697	.0085462	2.191774	.0398042	.0475096

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.189416	.1116188	.2247562	.0392331	.0444771	.4441201	.0211851
Stddev	.041855	.0013547	.0005643	.0011003	.0008939	.0042871	.0027811
%RSD	1.911695	1.213683	.2510590	2.804519	2.009771	.9652952	13.12760

#1	2.209782	.1115791	.2250880	.0398420	.0453771	.4490323	.0235326
#2	2.141276	.1129929	.2241047	.0398943	.0444647	.4411335	.0219090
#3	2.217191	.1102844	.2250760	.0379629	.0435895	.4421944	.0181136

Sample Name: LLICV01 Acquired: 5/15/2020 13:22:44 Type: Unk
Method: NON EPA-6010-200.7(v439) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0204103	.0198720	.0220063
Stddev	.0013952	.0007950	.0001024
%RSD	6.835780	4.000768	.4654329

#1	.0192614	.0190078	.0220449
#2	.0219628	.0200356	.0218902
#3	.0200066	.0205724	.0220839

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	846.6507	12431.80	3792.376	549.1685	1544.731
Stddev	3.7938	32.77	4.509	5.3221	4.339
%RSD	.4481003	.2635729	.1189010	.9691281	.2809064

#1	844.1545	12436.97	3796.571	547.8597	1539.759
#2	851.0165	12396.75	3787.607	544.6229	1547.752
#3	844.7810	12461.67	3792.951	555.0230	1546.683

Sample Name: ICB01 Acquired: 5/15/2020 13:32:05 Type: Unk
Method: NON EPA-6010-200.7(v439) 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	.0037546	.0008233	-.003691	.0055940	-.001149	-.005474	-.002917
Stddev	.0020198	.0015124	.002290	.0001900	.001617	.006276	.000080
%RSD	53.79433	183.6871	62.03975	3.396688	140.7711	114.6459	2.736013

#1	.0022728	.0002674	-.001157	.0056427	.000577	-.007705	-.002870
#2	.0029358	.0025350	-.005612	.0053843	-.002628	-.010330	-.002872
#3	.0060552	-.000332	-.004303	.0057549	-.001394	.001612	-.003009

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000552	-.000138	.0196738	.0003293	.0000467	.0002682	.0013738
Stddev	.0000687	.000189	.0099987	.0006729	.0001579	.0005545	.0092523
%RSD	124.4097	137.0907	50.82235	204.3197	337.9515	206.7171	673.4916

#1	-.000016	-.000236	.0308232	.0002982	.0001448	.0008983	.0116760
#2	.000062	.000080	.0115028	-.000327	.0001307	-.000146	-.006227
#3	.000121	-.000257	.0166952	.001017	-.000135	.000052	-.001327

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000141	-.013676	.0002113	-.003812	.0107215	-.002536	.0004208
Stddev	.000155	.016447	.0003491	.000301	.0079008	.000493	.0008747
%RSD	109.9308	120.2645	165.2409	7.886672	73.69108	19.42546	207.8804

#1	-.000014	-.007607	.0006137	-.004040	.0191033	-.003103	.0003386
#2	-.000314	-.001125	.0000295	-.003925	.0034111	-.002299	.0013337
#3	-.000096	-.032294	-.000009	-.003471	.0096500	-.002207	-.000410

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.054623	.0027411	-.000045	.0004990	.0009972	.0231520	-.000227
Stddev	.029299	.0014246	.000384	.0015632	.0010746	.0060186	.000918
%RSD	53.63912	51.97261	849.3363	313.2792	107.7685	25.99604	404.8478

#1	-.078192	.0040587	-.000466	-.001228	.0009405	.0162100	-.000217
#2	-.021819	.0029353	.000045	.001817	-.000048	.0263403	.000686
#3	-.063859	.0012293	.000286	.000908	.002099	.0269056	-.001149

Sample Name: ICB01 Acquired: 5/15/2020 13:32:05 Type: Unk
 Method: NON EPA-6010-200.7(v439) 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	.0041989	.0004210	.0006926
Stddev	.0027567	.0018319	.0000031
%RSD	65.65201	435.1708	.4451066

#1	.0047567	-.001455	.0006891
#2	.0012060	.000512	.0006949
#3	.0066340	.002205	.0006938

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	859.6136	12501.90	3787.814	549.8411	1574.402
Stddev	10.1221	40.81	20.062	6.9794	14.777
%RSD	1.177513	.3264244	.5296404	1.269343	.9385619

#1	853.4526	12493.96	3767.681	542.2129	1563.816
#2	854.0925	12546.10	3807.803	551.4036	1568.105
#3	871.2957	12465.65	3787.958	555.9068	1591.284

Sample Name: CRI01 Acquired: 5/15/2020 13:36:45 Type: Unk
Method: NON EPA-6010-200.7(v439) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187171	.0397514	.0116620	.0244705	.0529577	.1101864	.1190239
Stddev	.0014862	.0037550	.0036357	.0021457	.0020105	.0110453	.0003413
%RSD	7.940581	9.446332	31.17613	8.768548	3.796386	10.02423	.2867754

#1	.0192832	.0402989	.0076033	.0265288	.0520406	.1182355	.1193433
#2	.0198371	.0432027	.0127618	.0222469	.0515694	.1147298	.1190643
#3	.0170310	.0357527	.0146208	.0246358	.0552633	.0975940	.1186642

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063234	.0060122	2.244272	.0098491	.0293107	.0238343	.1216044
Stddev	.0002547	.0000361	.007521	.0002501	.0001020	.0006808	.0079714
%RSD	4.028338	.6010307	.3351255	2.539565	.3479462	2.856344	6.555170

#1	.0064800	.0060007	2.235588	.0097462	.0292255	.0238370	.1124782
#2	.0064607	.0060526	2.248695	.0096667	.0294237	.0231522	.1251301
#3	.0060294	.0059831	2.248534	.0101342	.0292828	.0245137	.1272050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228932	2.125771	.0411700	.0079052	2.208741	.0414025	.0479482
Stddev	.0005380	.048587	.0003388	.0013307	.038090	.0010065	.0004339
%RSD	2.350267	2.285623	.8229844	16.83315	1.724516	2.430902	.9048263

#1	.0227461	2.081717	.0407950	.0090284	2.193893	.0403692	.0476744
#2	.0224440	2.117712	.0412606	.0064355	2.180312	.0414586	.0484484
#3	.0234895	2.177883	.0414542	.0082515	2.252020	.0423798	.0477219

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.162842	.1082245	.2243846	.0410983	.0440167	.4518854	.0193177
Stddev	.025585	.0009471	.0008781	.0012009	.0010256	.0129131	.0039789
%RSD	1.182917	.8751265	.3913164	2.921945	2.330115	2.857597	20.59718

#1	2.138321	.1092643	.2253653	.0424747	.0428494	.4557883	.0171285
#2	2.160832	.1074113	.2241169	.0402641	.0444272	.4374711	.0169141
#3	2.189372	.1079977	.2236715	.0405562	.0447736	.4623968	.0239104

Sample Name: CRI01 Acquired: 5/15/2020 13:36:45 Type: Unk
 Method: NON EPA-6010-200.7(v439) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0210649	.0218376	.0218565
Stddev	.0045476	.0006482	.0001191
%RSD	21.58853	2.968512	.5448389

#1	.0257338	.0212919	.0219925
#2	.0208119	.0225542	.0218063
#3	.0166491	.0216669	.0217707

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	847.7238	12424.24	3823.650	549.0499	1543.439
Stddev	3.0017	6.74	47.575	4.4688	5.489
%RSD	.3540914	.0542672	1.244217	.8139166	.3556304

#1	844.4111	12429.42	3787.084	545.1454	1539.167
#2	848.4970	12426.68	3806.429	548.0804	1549.630
#3	850.2633	12416.62	3877.437	553.9239	1541.521

Sample Name: ICSA01 Acquired: 5/15/2020 14:13:42 Type: Unk
Method: NON EPA-6010-200.7(v439) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006246	.0082633	-.007899	.0029443	-.022759	279.4498	.0052718
Stddev	.005394	.0043007	.001989	.0090478	.001890	1.5038	.0002755
%RSD	86.35048	52.04559	25.18252	307.2968	8.303255	.5381463	5.225245

#1	-.011787	.0121202	-.008501	.0089657	-.021842	278.3378	.0050155
#2	-.001013	.0036257	-.005678	.0073277	-.024933	278.8508	.0052370
#3	-.005939	.0090440	-.009517	-.007460	-.021503	281.1609	.0055631

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001527	-.003119	263.0638	.0602941	.0083652	-.001169	109.6090
Stddev	.000131	.000618	1.2548	.0005658	.0004259	.000925	.3639
%RSD	8.587604	19.82018	.4769849	.9384172	5.090719	79.12580	.3319852

#1	-.001405	-.002566	262.2744	.0607428	.0080050	-.002080	109.5939
#2	-.001509	-.003004	262.4063	.0604811	.0082556	-.000230	109.2529
#3	-.001666	-.003786	264.5107	.0596585	.0088352	-.001197	109.9802

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121476	282.4291	.0109069	.0078391	.0336688	.0210670	-.038680
Stddev	.0009766	1.6039	.0005841	.0005960	.0039554	.0062952	.001115
%RSD	8.039652	.5678787	5.355486	7.602625	11.74791	29.88199	2.883604

#1	.0114534	280.9189	.0105478	.0073468	.0376063	.0139280	-.039727
#2	.0132643	282.2558	.0115809	.0085017	.0337044	.0258221	-.037507
#3	.0117250	284.1125	.0105920	.0076687	.0296958	.0234510	-.038806

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.314721	.0266607	-.025518	-.031146	-.009852	-.062052	-.002580
Stddev	.039086	.0018108	.000991	.000898	.000911	.009053	.003561
%RSD	12.41935	6.792047	3.883407	2.883452	9.244906	14.58993	138.0156

#1	-.301632	.0245705	-.024863	-.031385	-.009199	-.065076	-.006496
#2	-.283860	.0277540	-.025033	-.030153	-.009465	-.069206	-.001711
#3	-.358673	.0276576	-.026658	-.031901	-.010893	-.051873	.000466

Sample Name: ICSA01 Acquired: 5/15/2020 14:13:42 Type: Unk
Method: NON EPA-6010-200.7(v439) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.013904	.0132572	-.006909
Stddev	.011841	.0008853	.000554
%RSD	85.16450	6.678203	8.017687

#1	-.015608	.0130671	-.007544
#2	-.024801	.0124823	-.006527
#3	-.001303	.0142221	-.006656

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	762.4642	11016.54	3539.555	492.5266	1244.749
Stddev	2.1721	19.06	16.278	1.6543	2.160
%RSD	.2848761	.1730199	.4598795	.3358864	.1735275

#1	763.5006	10998.53	3554.958	490.6846	1242.910
#2	759.9680	11036.50	3541.184	493.0095	1244.210
#3	763.9239	11014.58	3522.525	493.8858	1247.127

Sample Name: ICSAB01 Acquired: 5/15/2020 14:17:43 Type: Unk
Method: NON EPA-6010-200.7(v439) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0947654	.0992484	.0396490	.0461377	.6133932	282.3948	.6139378
Stddev	.0058420	.0010498	.0031114	.0071071	.0068071	1.4755	.0030299
%RSD	6.164695	1.057756	7.847435	15.40422	1.109745	.5225097	.4935229

#1	.0968892	.1001133	.0413246	.0427798	.6164331	280.6911	.6104675
#2	.0992484	.0980804	.0360588	.0543017	.6055959	283.2278	.6160576
#3	.0881586	.0995515	.0415634	.0413317	.6181507	283.2654	.6152883

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5020350	.9621396	261.2303	.5605459	.5183012	.5265363	110.2591
Stddev	.0031339	.0016859	2.5243	.0042898	.0014842	.0020610	.2587
%RSD	.6242410	.1752255	.9663159	.7652918	.2863496	.3914199	.2346535

#1	.4984200	.9602984	258.4608	.5631098	.5183179	.5249299	109.9607
#2	.5037011	.9636078	261.8283	.5629344	.5197769	.5258188	110.4214
#3	.5039839	.9625125	263.4020	.5555935	.5168088	.5288601	110.3953

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5539641	280.1945	1.030305	.2403897	.0397262	.5650705	1.138641
Stddev	.0036344	1.7370	.001383	.0006736	.0084036	.0092405	.017329
%RSD	.6560687	.6199133	.1341843	.2802139	21.15388	1.635281	1.521910

#1	.5516113	278.1889	1.030023	.2404844	.0492373	.5545152	1.156343
#2	.5521310	281.2184	1.029085	.2410109	.0366365	.5716997	1.137869
#3	.5581500	281.1761	1.031807	.2396737	.0333048	.5689966	1.121710

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.220578	1.173356	1.137506	1.136558	1.199958	1.171341	1.131019
Stddev	.025857	.009493	.004736	.006652	.001849	.015125	.011671
%RSD	11.72261	.8090450	.4163305	.5852468	.1541095	1.291278	1.031928

#1	-.241871	1.163511	1.133428	1.129055	1.197823	1.181196	1.117651
#2	-.191805	1.174104	1.136391	1.138890	1.200991	1.178900	1.139186
#3	-.228057	1.182452	1.142700	1.141730	1.201060	1.153926	1.136219

Sample Name: ICSAB01 Acquired: 5/15/2020 14:17:43 Type: Unk
Method: NON EPA-6010-200.7(v439) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.179562	1.174408	1.197795
Stddev	.005650	.002734	.006779
%RSD	.4789873	.2328342	.5659710

#1	1.185019	1.171412	1.189967
#2	1.173738	1.176769	1.201783
#3	1.179930	1.175043	1.201634

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	754.8235	10968.11	3569.835	485.1398	1235.733
Stddev	2.0973	69.05	10.026	4.0499	1.422
%RSD	.2778488	.6295918	.2808574	.8347993	.1150645

#1	756.8820	10911.11	3581.112	480.7101	1236.916
#2	754.8990	10948.32	3561.928	486.0567	1234.155
#3	752.6895	11044.90	3566.465	488.6528	1236.127

Sample Name: CCV01 Acquired: 5/15/2020 14:35:15 Type: Unk
 Method: NON EPA-6010-200.7(v439) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.170811	5.111079	4.825687	5.216154	5.210533	10.59010	10.87136
Stddev	.013044	.011040	.004870	.009427	.020548	.07764	.16646
%RSD	.2522574	.2160038	.1009124	.1807225	.3943494	.7331794	1.531149

#1	5.185858	5.121990	4.831081	5.223605	5.232597	10.50967	10.68272
#2	5.163861	5.099914	4.824365	5.205556	5.191945	10.66462	10.99761
#3	5.162713	5.111331	4.821615	5.219299	5.207056	10.59601	10.93374

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2393760	2.321033	25.83881	.9711535	2.446224	1.327987	5.357440
Stddev	.0021985	.004767	.19756	.0028037	.002754	.002482	.006491
%RSD	.9184120	.2053756	.7646015	.2886978	.1125618	.1869038	.1211672

#1	.2381045	2.325378	25.68412	.9685530	2.448075	1.326454	5.361068
#2	.2419146	2.321786	26.06136	.9741237	2.443060	1.326655	5.361307
#3	.2381090	2.315934	25.77094	.9707838	2.447538	1.330850	5.349946

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.626689	25.51104	2.486708	1.346842	27.49726	2.687927	2.674479
Stddev	.023697	.15463	.002750	.000688	.00165	.002646	.009803
%RSD	.9021770	.6061208	.1105929	.0510598	.0059831	.0984220	.3665259

#1	2.601125	25.34206	2.484736	1.347224	27.49608	2.686782	2.685373
#2	2.647922	25.54559	2.489849	1.347253	27.49657	2.690952	2.666371
#3	2.631019	25.64547	2.485537	1.346048	27.49914	2.686047	2.671693

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.69247	5.102201	5.189073	5.049709	5.277190	5.462493	5.176909
Stddev	.14139	.035113	.009572	.025748	.044658	.015954	.010006
%RSD	.5297163	.6881944	.1844694	.5098950	.8462545	.2920729	.1932770

#1	26.53295	5.080878	5.196619	5.079214	5.232182	5.472953	5.167704
#2	26.74213	5.142727	5.178306	5.031782	5.321491	5.444130	5.187559
#3	26.80234	5.082997	5.192295	5.038132	5.277896	5.470397	5.175465

Sample Name: CCV01 Acquired: 5/15/2020 14:35:15 Type: Unk
 Method: NON EPA-6010-200.7(v439) 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	5.149318	5.314826	5.481376
Stddev	.006208	.031027	.052835
%RSD	.1205545	.5837782	.9638952

#1	5.156082	5.287805	5.436683
#2	5.147992	5.348710	5.539686
#3	5.143881	5.307963	5.467758

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	799.3829	11666.54	3687.883	516.8362	1377.104
Stddev	.0805	52.06	30.143	1.4344	.904
%RSD	.0100662	.4462606	.8173441	.2775410	.0656794

#1	799.2910	11662.15	3702.914	515.2736	1376.574
#2	799.4408	11616.82	3653.180	517.1417	1376.590
#3	799.4170	11720.66	3707.554	518.0933	1378.148

Sample Name: LLCCV01 Acquired: 5/15/2020 14:44:17 Type: Unk
Method: NON EPA-6010-200.7(v439) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217372	.0462374	.0131408	.0223492	.0553708	.1178500	.1186824
Stddev	.0011759	.0032433	.0010727	.0016897	.0027435	.0113881	.0001207
%RSD	5.409495	7.014465	8.162942	7.560455	4.954844	9.663245	.1017209

#1	.0222575	.0438847	.0140339	.0204201	.0584809	.1308481	.1187497
#2	.0225632	.0448904	.0134375	.0230612	.0532937	.1096257	.1185430
#3	.0203910	.0499372	.0119510	.0235664	.0543379	.1130761	.1187545

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065051	.0060232	2.320074	.0097517	.0302064	.0237023	.1168541
Stddev	.0002100	.0002448	.013701	.0003998	.0005809	.0004715	.0056558
%RSD	3.228048	4.064150	.5905336	4.099470	1.922980	1.989422	4.840090

#1	.0064269	.0058777	2.311440	.0093140	.0307032	.0242110	.1155852
#2	.0067430	.0063058	2.335871	.0098436	.0295678	.0236159	.1230366
#3	.0063454	.0058861	2.312910	.0100975	.0303483	.0232799	.1119404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169466	2.195056	.0417961	.0112635	1.922917	.0443580	.0476908
Stddev	.0001607	.021835	.0003614	.0002722	.004671	.0011434	.0015594
%RSD	.9481645	.9947419	.8646153	2.416354	.2429119	2.577670	3.269797

#1	.0169047	2.200598	.0415843	.0113604	1.917731	.0437344	.0460336
#2	.0168110	2.213587	.0415907	.0109562	1.924223	.0456777	.0479094
#3	.0171241	2.170984	.0422134	.0114740	1.926795	.0436620	.0491293

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.899790	.0997313	.2314394	.0408774	.0471588	.4342778	.0208878
Stddev	.024463	.0020047	.0013421	.0010492	.0005577	.0150291	.0019536
%RSD	1.287644	2.010063	.5798988	2.566791	1.182502	3.460702	9.352920

#1	1.920680	.1003356	.2329866	.0420888	.0465668	.4498064	.0231331
#2	1.905811	.0974940	.2305900	.0402526	.0472355	.4332230	.0199532
#3	1.872879	.1013642	.2307415	.0402909	.0476741	.4198039	.0195770

Sample Name: LLCCV01 Acquired: 5/15/2020 14:44:17 Type: Unk
 Method: NON EPA-6010-200.7(v439) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0186552	.0216734	.0235674
Stddev	.0101399	.0016601	.0000018
%RSD	54.35422	7.659495	.0076671

#1	.0227278	.0230631	.0235668
#2	.0261256	.0198351	.0235695
#3	.0071122	.0221219	.0235660

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	834.3009	11939.79	3679.637	531.9651	1530.920
Stddev	14.4609	42.63	14.325	9.3367	26.175
%RSD	1.733295	.3570202	.3893059	1.755129	1.709772

#1	819.6527	11892.48	3663.281	533.1636	1505.099
#2	834.6831	11951.68	3685.679	522.0870	1530.225
#3	848.5670	11975.22	3689.951	540.6446	1557.436

Sample Name: CCB01 Acquired: 5/15/2020 14:48:23 Type: Unk
Method: NON EPA-6010-200.7(v439) 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	-.003345	-.003964	.0001822	-.002364	-.000746	-.002755	.0042919
Stddev	.005064	.002552	.0003134	.002693	.003519	.000758	.0002243
%RSD	151.4024	64.36754	171.9856	113.9249	471.3703	27.51770	5.226657

#1	.000527	-.006445	.0005436	-.004439	-.004621	-.002513	.0044192
#2	-.001486	-.001347	-.000016	.000679	.002250	-.003605	.0040329
#3	-.009076	-.004102	.000019	-.003331	.000132	-.002148	.0044236

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	-.000279	.0202419	.0000863	-.000095	.0000507	-.004819
Stddev	.000151	.000121	.0063809	.0003167	.000338	.0006204	.003573
%RSD	1080.852	43.59614	31.52310	366.8852	355.8990	1223.096	74.13906

#1	-.000189	-.000178	.0271739	.0002080	.000185	.0006692	-.006407
#2	.000066	-.000414	.0189384	.0003242	.000001	-.000572	-.007322
#3	.000080	-.000244	.0146134	-.000273	-.000470	.000055	-.000727

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002013	-.021068	.0002109	-.000049	-.023735	-.001350	.0004407
Stddev	.000258	.010787	.0007060	.000693	.004484	.000657	.0004054
%RSD	12.79674	51.19830	334.7062	1409.624	18.89199	48.67588	92.00089

#1	-.002299	-.011199	-.000601	-.000676	-.027757	-.002053	-.000005
#2	-.001941	-.019423	.000676	.000696	-.018900	-.001249	.000539
#3	-.001799	-.032583	.000558	-.000168	-.024548	-.000750	.000788

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.491770	.0035908	.0001962	.0013992	-.000161	.0112931	.0010736
Stddev	.053181	.0003236	.0003465	.0012409	.000264	.0160364	.0042532
%RSD	10.81415	9.013228	176.6012	88.68881	163.5010	142.0022	396.1708

#1	-.448511	.0037497	.0002242	.0006171	-.000441	.0011178	-.001189
#2	-.475655	.0032184	-.000163	.0007505	-.000127	.0029824	-.001570
#3	-.551145	.0038042	.000528	.0028299	.000084	.0297789	.005980

Sample Name: CCB01 Acquired: 5/15/2020 14:48:23 Type: Unk
Method: NON EPA-6010-200.7(v439) 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	-.010392	.0007594	-.000028
Stddev	.007651	.0002205	.000077
%RSD	73.62370	29.04095	278.1223

#1	-.012461	.0006067	-.000109
#2	-.016796	.0006594	.000044
#3	-.001919	.0010123	-.000019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	829.1064	11964.27	3662.666	532.5979	1531.827
Stddev	2.1712	16.45	41.576	7.3874	3.743
%RSD	.2618725	.1375096	1.135123	1.387053	.2443342

#1	828.6376	11953.75	3615.603	525.4500	1533.557
#2	827.2079	11955.83	3677.989	540.2035	1527.532
#3	831.4737	11983.23	3694.406	532.1404	1534.391

Sample Name: L2596-04DLX500 Acquired: 5/15/2020 14:54:29 Type: Unk
Method: NON EPA-6010-200.7(v439) 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	.0025505	.0028312	-.000379	.0012436	.0022189	.4575952	.0005997
Stddev	.0080968	.0019987	.000730	.0022294	.0019803	.0044880	.0004365
%RSD	317.4537	70.59343	192.8986	179.2643	89.24558	.9807814	72.79751

#1	.0117998	.0007998	.000091	.0011426	.0029609	.4554500	.0006913
#2	-.000893	.0028984	-.001220	.0035218	-.000025	.4545824	.0001246
#3	-.003255	.0047955	-.000006	-.000934	.003721	.4627533	.0009831

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000039	-.000259	1.199844	.0017575	.0005902	-.000229	6.502547
Stddev	.000252	.000177	.004112	.0010290	.0001930	.000201	.024140
%RSD	650.8457	68.28238	.3427521	58.54847	32.69666	87.73271	.3712414

#1	.000247	-.000058	1.197626	.0005910	.0008128	-.000386	6.474677
#2	-.000229	-.000390	1.197316	.0021451	.0004718	-.000002	6.516896
#3	-.000134	-.000329	1.204589	.0025362	.0004858	-.000299	6.516069

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0633022	.5101649	.0028103	-.000498	.6088643	-.014392	.0081735
Stddev	.0005387	.0216819	.0006651	.001067	.0122397	.001418	.0015113
%RSD	.8510134	4.249975	23.66637	214.2719	2.010248	9.849721	18.49045

#1	.0629501	.5337465	.0032280	.000719	.5959268	-.015982	.0091351
#2	.0630342	.4910916	.0031596	-.000939	.6202601	-.013934	.0064315
#3	.0639224	.5056566	.0020433	-.001275	.6104060	-.013260	.0089539

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.054057	.0091460	-.000371	-.001287	.0011287	.2902761	.0260248
Stddev	.023233	.0021747	.000474	.001386	.0009009	.0030423	.0058304
%RSD	42.97933	23.77791	127.8309	107.6633	79.81591	1.048065	22.40316

#1	-.080868	.0114888	-.000101	-.001231	.0021336	.2867632	.0217329
#2	-.041467	.0071917	-.000093	.000070	.0008588	.2920275	.0236788
#3	-.039836	.0087575	-.000918	-.002700	.0003936	.2920376	.0326628

Sample Name: L2596-04DLX500 Acquired: 5/15/2020 14:54:29 Type: Unk
Method: NON EPA-6010-200.7(v439) 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	5.548708	.0005769	-.002294
Stddev	.006568	.0009433	.000100
%RSD	.1183686	163.5116	4.371999

#1	5.554497	-.000313	-.002179
#2	5.541571	.000478	-.002340
#3	5.550056	.001566	-.002363

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	822.3955	11795.22	3623.273	520.2659	1518.986
Stddev	3.0294	31.14	34.968	1.6402	5.673
%RSD	.3683664	.2640290	.9650885	.3152526	.3734798

#1	823.5286	11765.39	3603.327	519.6638	1524.599
#2	818.9629	11792.74	3602.844	522.1220	1513.255
#3	824.6951	11827.53	3663.650	519.0119	1519.103

Sample Name: L2596-06DLX500 Acquired: 5/15/2020 14:58:35 Type: Unk
Method: NON EPA-6010-200.7(v439) 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	.0000606	-.000792	-.000993	.0016083	.0031259	.4660691	.0003245
Stddev	.0026948	.000773	.001254	.0047900	.0025932	.0126127	.0006993
%RSD	4443.051	97.65950	126.2951	297.8414	82.95762	2.706195	215.4689

#1	.0019546	-.001018	-.002435	-.003594	.0037682	.4653605	.0009689
#2	.0012519	.000069	-.000162	.002581	.0053375	.4538256	-.000419
#3	-.003025	-.001427	-.000382	.005837	.0002719	.4790212	.000424

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000134	-.000386	1.198246	.0011622	.0004633	-.000419	6.597975
Stddev	.000179	.000071	.007232	.0002346	.0003965	.000902	.083164
%RSD	132.7690	18.35932	.6035895	20.18601	85.58420	215.5697	1.260448

#1	-.000187	-.000433	1.190486	.0010320	.0000571	-.000141	6.522196
#2	.000064	-.000421	1.199454	.0014331	.0008494	-.001427	6.686947
#3	-.000281	-.000304	1.204799	.0010217	.0004835	.000313	6.584784

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0630050	.4991720	.0028883	-.000229	.6196981	-.016187	.0076272
Stddev	.0003298	.0281826	.0004359	.000193	.0174686	.002663	.0001851
%RSD	.5235140	5.645877	15.09172	84.44676	2.818892	16.45030	2.427407

#1	.0629694	.4712647	.0033716	-.000243	.6196017	-.019226	.0074917
#2	.0626944	.4986292	.0025250	-.000029	.6372148	-.014262	.0078382
#3	.0633512	.5276221	.0027682	-.000414	.6022780	-.015072	.0075517

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.027702	.0078224	-.000638	-.000669	.0014871	.3124744	.0246418
Stddev	.025776	.0006094	.000571	.001067	.0002217	.0116451	.0048571
%RSD	93.04824	7.790071	89.43779	159.3771	14.90589	3.726745	19.71070

#1	.000387	.0075815	-.001043	-.001859	.0012344	.3066076	.0203661
#2	-.033223	.0073702	.000015	-.000352	.0015783	.3049296	.0299229
#3	-.050271	.0085153	-.000885	.000203	.0016486	.3258861	.0236363

Sample Name: L2596-06DLX500 Acquired: 5/15/2020 14:58:35 Type: Unk
 Method: NON EPA-6010-200.7(v439) 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	5.559725	.0013221	-.002404
Stddev	.004999	.0012316	.000113
%RSD	.0899233	93.15569	4.689476

#1	5.560164	.0000848	-.002294
#2	5.554521	.0025480	-.002520
#3	5.564491	.0013336	-.002399

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	822.3400	11752.93	3669.835	523.0280	1518.720
Stddev	6.9659	33.91	32.506	1.3127	8.281
%RSD	.8470809	.2884962	.8857729	.2509770	.5452595

#1	815.8268	11722.79	3640.872	524.3695	1510.097
#2	821.5090	11746.36	3704.993	522.9683	1519.451
#3	829.6841	11789.64	3663.641	521.7461	1526.610

Sample Name: L2596-01DLX500 Acquired: 5/15/2020 15:13:23 Type: Unk
Method: NON EPA-6010-200.7(v439) 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	.0047412	.0041867	-.001839	-.001964	.0035387	.4963955	.0005868
Stddev	.0018571	.0017905	.002246	.004409	.0023848	.0053122	.0004902
%RSD	39.16937	42.76500	122.0988	224.5351	67.38999	1.070162	83.54637

#1	.0052039	.0060334	-.003976	-.007048	.0045373	.5024483	.0003768
#2	.0063233	.0024583	-.002044	.000798	.0052619	.4942306	.0002365
#3	.0026965	.0040685	.000502	.000360	.0008170	.4925075	.0011470

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000134	-.000429	1.292733	.0020277	.0010443	.0005011	7.055535
Stddev	.000167	.000072	.025030	.0007954	.0001637	.0001900	.031345
%RSD	124.9786	16.89887	1.936187	39.22949	15.67290	37.90441	.4442624

#1	.000024	-.000382	1.266347	.0011187	.0012270	.0002825	7.025289
#2	-.000309	-.000512	1.295712	.0023680	.0009113	.0006258	7.087874
#3	-.000116	-.000392	1.316140	.0025963	.0009945	.0005950	7.053443

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0672698	.5576659	.0029163	-.000040	.6632794	-.017153	.0094271
Stddev	.0006201	.0155888	.0004392	.001197	.0110711	.001565	.0005836
%RSD	.9217550	2.795361	15.06151	2978.794	1.669148	9.123011	6.191026

#1	.0665731	.5738492	.0026827	.000518	.6507274	-.016789	.0100054
#2	.0677613	.5563998	.0034229	.000776	.6716542	-.015802	.0088382
#3	.0674749	.5427488	.0026431	-.001415	.6674565	-.018868	.0094377

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.026697	.0058673	-.000577	-.001939	.0031389	.3319700	.0337955
Stddev	.070301	.0021578	.000799	.000212	.0009749	.0166549	.0025231
%RSD	263.3293	36.77673	138.4813	10.95551	31.05794	5.016981	7.465889

#1	-.106328	.0035930	-.001008	-.002162	.0021329	.3211343	.0321195
#2	-.000532	.0061231	-.001068	-.001739	.0040793	.3511474	.0366974
#3	.026770	.0078858	.000345	-.001915	.0032046	.3236283	.0325696

Sample Name: L2596-01DLX500 Acquired: 5/15/2020 15:13:23 Type: Unk
 Method: NON EPA-6010-200.7(v439) 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	5.922808	.0014750	-.002532
Stddev	.010157	.0011544	.000043
%RSD	.1714891	78.25901	1.693326

#1	5.911505	.0028076	-.002507
#2	5.931170	.0008351	-.002582
#3	5.925748	.0007824	-.002508

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	825.2394	11729.75	3641.269	523.2551	1514.196
Stddev	.9481	33.83	19.220	.6021	1.159
%RSD	.1148883	.2883751	.5278373	.1150587	.0765586

#1	824.5951	11700.50	3639.143	522.5719	1513.233
#2	826.3281	11721.96	3661.464	523.7080	1515.483
#3	824.7950	11766.79	3623.200	523.4853	1513.872

Sample Name: L2596-03DLX500 Acquired: 5/15/2020 15:17:26 Type: Unk
Method: NON EPA-6010-200.7(v439) 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	-.000752	-.001565	-.002146	.0007709	.0008479	.4699921	.0011112
Stddev	.002215	.004794	.001719	.0016459	.0009901	.0139610	.0006991
%RSD	294.8088	306.2643	80.10239	213.5106	116.7811	2.970478	62.91117

#1	-.003059	-.001252	-.000483	-.001129	.0008106	.4637305	.0018849
#2	-.000553	.003064	-.002039	.001777	.0018561	.4602581	.0005250
#3	.001358	-.006508	-.003915	.001665	-.000123	.4859878	.0009236

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000074	-.000456	1.212850	.0016756	.0006794	.0000311	6.569686
Stddev	.000061	.000140	.005296	.0004571	.0001730	.0006532	.039368
%RSD	82.51999	30.75431	.4366537	27.27767	25.45728	2096.902	.5992321

#1	-.000047	-.000509	1.207454	.0012005	.0007438	-.000564	6.525712
#2	-.000031	-.000297	1.213056	.0021121	.0004835	.000730	6.601650
#3	-.000144	-.000562	1.218040	.0017141	.0008109	-.000072	6.581695

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0636931	.4964568	.0024551	-.000135	.6073360	-.016920	.0067135
Stddev	.0011552	.0167420	.0002904	.000279	.0093296	.000812	.0006138
%RSD	1.813648	3.372297	11.83005	206.2939	1.536145	4.801961	9.143542

#1	.0648551	.5011985	.0026687	-.000333	.5965692	-.017075	.0065873
#2	.0625449	.5103165	.0021244	.000184	.6124068	-.017644	.0073806
#3	.0636793	.4778554	.0025722	-.000257	.6130320	-.016041	.0061725

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.073635	.0052249	-.000087	-.001325	.0033132	.3039155	.0246792
Stddev	.010456	.0015217	.000238	.001516	.0005126	.0081464	.0047960
%RSD	14.20010	29.12415	273.9951	114.3659	15.47032	2.680492	19.43346

#1	-.072964	.0034702	-.000193	.000244	.0037898	.2945622	.0205301
#2	-.084411	.0060230	.000186	-.001438	.0033789	.3094590	.0235772
#3	-.063531	.0061817	-.000254	-.002782	.0027710	.3077254	.0299303

Sample Name: L2596-03DLX500 Acquired: 5/15/2020 15:17:26 Type: Unk
Method: NON EPA-6010-200.7(v439) 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	5.559503	.0010220	-.002380
Stddev	.019756	.0009054	.000111
%RSD	.3553521	88.58440	4.643472

#1	5.578933	.0006237	-.002298
#2	5.560138	.0020583	-.002336
#3	5.539437	.0003841	-.002505

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	831.0527	11780.34	3600.477	529.3307	1523.237
Stddev	4.3791	12.21	19.549	2.6825	7.694
%RSD	.5269395	.1036650	.5429497	.5067776	.5050967

#1	828.6809	11772.64	3578.016	526.6853	1516.657
#2	828.3710	11773.95	3609.760	529.2581	1521.357
#3	836.1061	11794.42	3613.654	532.0489	1531.697

Sample Name: CCV02 Acquired: 5/15/2020 17:32:37 Type: Unk
Method: NON EPA-6010-200.7(v439) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.439103	F 4.392214	F 3.831940	5.024054	4.513078	9.336647
Stddev	.023158	.012596	.010160	.025752	.038659	.069281
%RSD	.5216884	.2867694	.2651450	.5125760	.8565970	.7420317

#1	4.430855	4.406530	3.831073	5.017393	4.495659	9.258177
#2	4.421197	4.382838	3.822241	5.002287	4.486193	9.362402
#3	4.465256	4.387273	3.842506	5.052482	4.557381	9.389361

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.35854	F .1879314	F 1.767860	F 22.30588	F .7961051	F 2.004481
Stddev	.12058	.0010637	.009404	.16705	.0035333	.003181
%RSD	1.061605	.5659771	.5319694	.7488901	.4438183	.1586802

#1	11.23548	.1867638	1.768505	22.11979	.7933942	2.000936
#2	11.47649	.1881855	1.758150	22.35499	.7948201	2.007086
#3	11.36363	.1888450	1.776925	22.44288	.8001011	2.005421

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.167540	5.277237	2.370882	F 21.54614	F 2.047845	1.276119
Stddev	.005967	.026355	.021505	.29950	.003347	.012333
%RSD	.5110898	.4994128	.9070382	1.390034	.1634589	.9664133

#1	1.161328	5.258591	2.346438	21.20231	2.047022	1.265920
#2	1.173228	5.265732	2.386890	21.75023	2.044986	1.272612
#3	1.168063	5.307389	2.379317	21.68589	2.051527	1.289826

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.52359	2.420458	F 2.785745	26.90342	F 4.369960	4.515842
Stddev	.09445	.015610	.008044	.06560	.031680	.033679
%RSD	.3199279	.6449169	.2887412	.2438256	.7249574	.7458008

#1	29.55050	2.402455	2.791443	26.82776	4.333517	4.509114
#2	29.41860	2.430229	2.789247	26.93813	4.385421	4.486035
#3	29.60167	2.428690	2.776544	26.94437	4.390941	4.552377

Sample Name: CCV02 Acquired: 5/15/2020 17:32:37 Type: Unk
Method: NON EPA-6010-200.7(v439) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.247533	4.728337	F 5.548794	F 4.396293	4.841690	4.745317
Stddev	.013518	.019429	.044077	.011147	.006632	.021271
%RSD	.3182629	.4109009	.7943486	.2535437	.1369749	.4482576

#1	4.243296	4.706057	5.498006	4.407131	4.835386	4.722788
#2	4.236640	4.741752	5.571316	4.384861	4.841076	4.765055
#3	4.262662	4.737202	5.577058	4.396888	4.848608	4.748107

Elem	Sr4077
Units	ppm
Avg	5.001723
Stddev	.050492
%RSD	1.009487

#1	4.982943
#2	4.963313
#3	5.058914

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	725.0936	9796.193	3311.420	444.2946	1299.151
Stddev	3.9163	6.425	19.970	2.1453	5.264
%RSD	.5401116	.0655839	.6030634	.4828471	.4051865

#1	724.9650	9801.722	3334.057	441.9277	1295.644
#2	729.0726	9797.713	3296.297	444.8451	1305.204
#3	721.2431	9789.145	3303.907	446.1109	1296.605

Sample Name: CCB02 Acquired: 5/15/2020 17:43:19 Type: Unk
Method: NON EPA-6010-200.7(v439) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB9164 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018945	-.002981	.0001763	-.001863	-.003262	.0386763	.0015958
Stddev	.0053555	.002732	.0010020	.002939	.003146	.0050469	.0003830
%RSD	282.6874	91.65112	568.5299	157.7117	96.45122	13.04917	24.00019

#1	-.003688	-.005949	-.000959	-.005179	-.006894	.0353370	.0020064
#2	.002382	-.002420	.000550	-.000832	-.001447	.0362098	.0012483
#3	.006990	-.000572	.000938	.000421	-.001444	.0444822	.0015327

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000859	-.000004	.0048631	-.000260	-.000108	.0008115	.0039432
Stddev	.0000664	.000219	.0104164	.000244	.000161	.0004438	.0071513
%RSD	77.30702	5136.322	214.1908	93.91053	148.7370	54.68467	181.3606

#1	.0000834	.000242	-.001076	-.000542	-.000113	.0008408	-.004301
#2	.0001536	-.000177	.016891	-.000116	.000055	.0003538	.008477
#3	.0000208	-.000077	-.001226	-.000122	-.000267	.0012399	.007653

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000191	-.013305	-.000552	-.000731	-.012115	-.007078	.0010533
Stddev	.000565	.013795	.000630	.001203	.007245	.001321	.0003018
%RSD	296.2992	103.6845	114.1410	164.7294	59.80228	18.65922	28.65214

#1	-.000843	-.028391	-.000898	-.000105	-.017099	-.008083	.0011383
#2	.000127	-.001333	-.000932	-.002118	-.003804	-.005582	.0013034
#3	.000144	-.010191	.000175	.000031	-.015442	-.007569	.0007181

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.241223	.0052883	-.000089	.0026137	-.000229	.0736427	.0005825
Stddev	.020978	.0014437	.000289	.0004472	.000842	.0069023	.0026188
%RSD	8.696297	27.29887	324.0297	17.10941	368.2197	9.372709	449.5672

#1	-.218796	.0069529	-.000414	.0023539	-.001173	.0668777	-.001676
#2	-.244512	.0045341	.000139	.0023572	.000442	.0806746	-.000030
#3	-.260362	.0043780	.000007	.0031301	.000046	.0733758	.003453

Sample Name: CCB02 Acquired: 5/15/2020 17:43:19 Type: Unk
 Method: NON EPA-6010-200.7(v439) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSAB9164 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0188468	.0010370	-.000010
Stddev	.0114312	.0006394	.000064
%RSD	60.65327	61.66023	641.9063

#1	.0154615	.0003766	-.000050
#2	.0094906	.0016530	.000063
#3	.0315883	.0010813	-.000043

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	751.0576	10110.99	3296.271	460.4556	1440.872
Stddev	6.6085	40.98	19.126	.5665	14.736
%RSD	.8798885	.4052869	.5802400	.1230278	1.022718

#1	747.2072	10063.78	3280.360	460.3738	1431.224
#2	758.6883	10131.82	3290.962	461.0585	1457.834
#3	747.2772	10137.37	3317.491	459.9344	1433.557