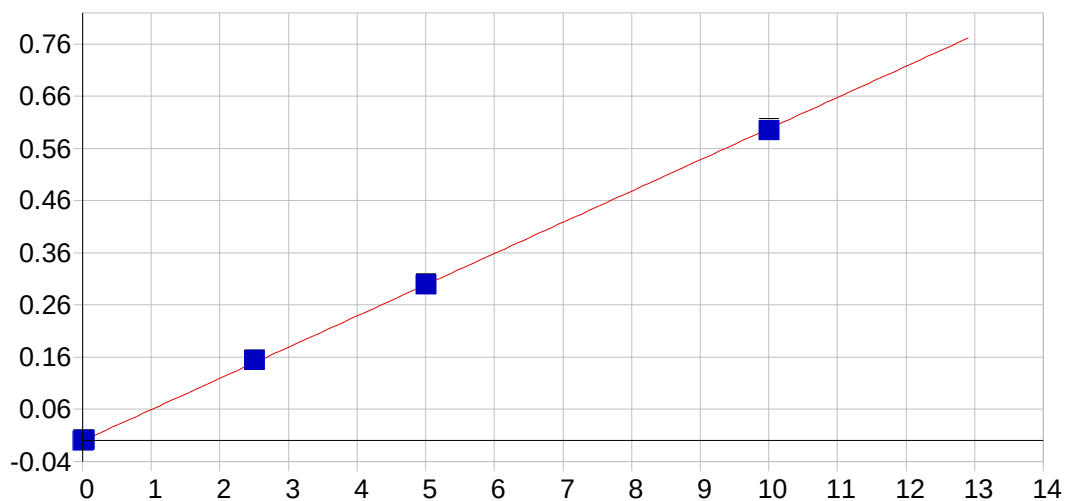


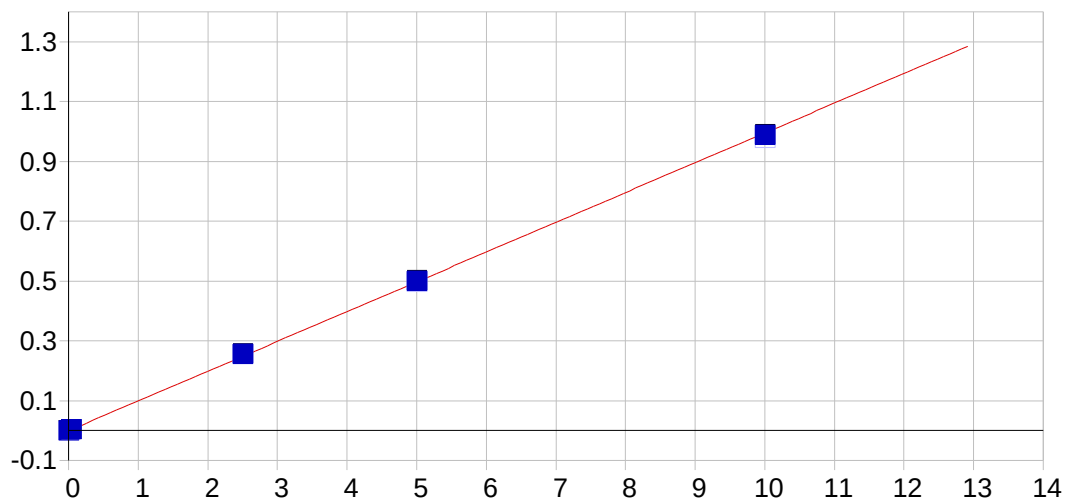


As 189.042 {479}

Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000274 Re-Slope: 1.000000
 A1 (Gain): 0.059832 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.004209
 Predicted MQL: 0.014030

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00027	.000	1
S1	.02000	.02133	.001	6.67	.00100	.000	1
S3	2.5000	2.5720	.072	2.88	.15362	.001	1
S4	5.0000	4.9960	-.004	-.081	.29865	.001	1
S5	10.000	9.9307	-.069	-.693	.59392	.004	1



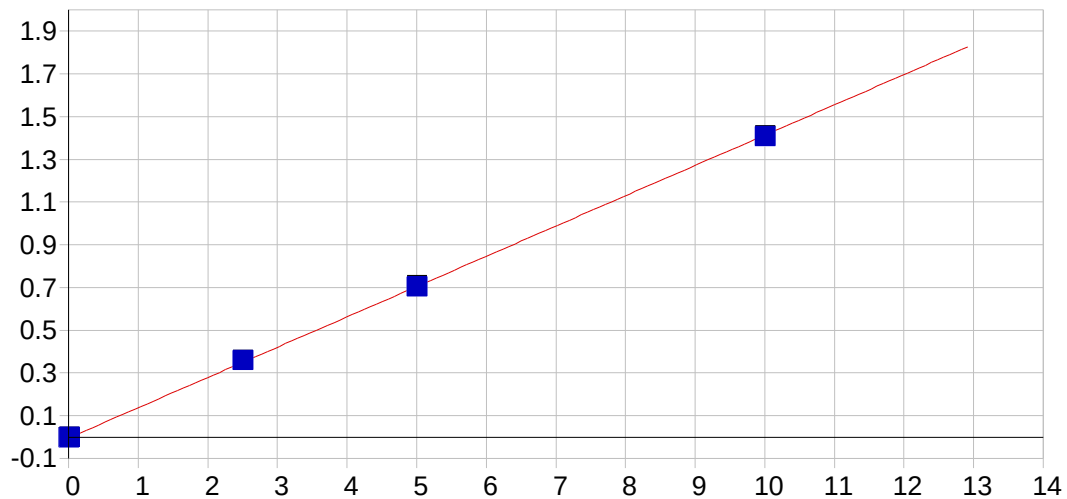
TI 190.856 {477}

Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000742 Re-Slope: 1.000000

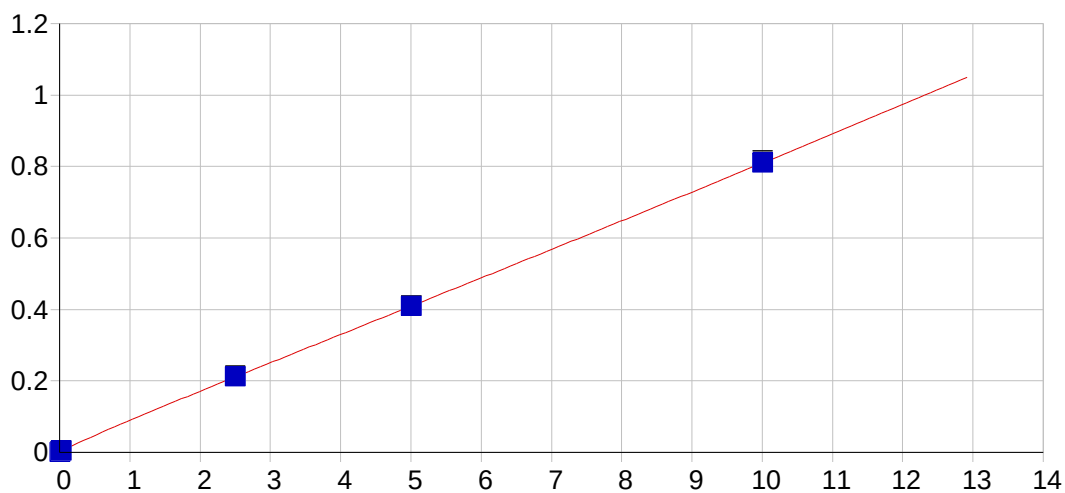
A1 (Gain): 0.099584 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.002128
 Predicted MQL: 0.007092

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00074	.000	1
S1	.04000	.03959	-.000	-1.02	.00309	.000	1
S3	2.5000	2.5669	.067	2.68	.25235	.001	1
S4	5.0000	5.0247	.025	.495	.49458	.001	1
S5	10.000	9.9088	-.091	-.912	.97589	.002	1



Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc
 A0 (Offset): -0.004437 Re-Slope: 1.000000
 A1 (Gain): 0.141796 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.002570
 Predicted MQL: 0.008567

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00444	.000	1
S1	.01200	.01321	.001	10.1	-.00261	.000	1
S3	2.5000	2.5563	.056	2.25	.35721	.002	1
S4	5.0000	4.9919	-.008	-.162	.70176	.005	1
S5	10.000	9.9507	-.049	-.493	1.4033	.002	1

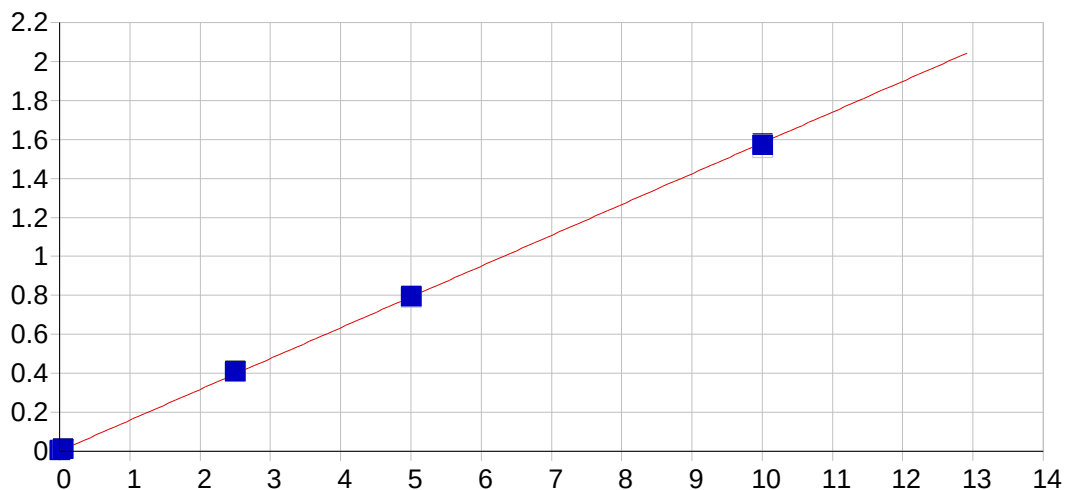


Se 196.090 {472}

Date of Fit: 12/23/2019 12:58:35 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000703 Re-Slope: 1.000000
 A1 (Gain): 0.087995 Y-int: 0.000000
 A2 (Curvature): 0.001114
 n (Exponent): 0.920000
 Correlation: 0.999998 Status: Warning Positive Curvature
 Std Error of Est: 0.000007
 Predicted MDL: 0.004191
 Predicted MQL: 0.013970

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00070	.000	1
S1	.02000	.01945	-.001	-2.73	.00306	.000	1
S3	2.5000	2.5076	.008	.304	.21191	.002	1
S4	5.0000	4.9902	-.010	-.197	.40857	.002	1
S5	10.000	10.003	.003	.030	.81052	.005	1



Sb 206.833 {463}

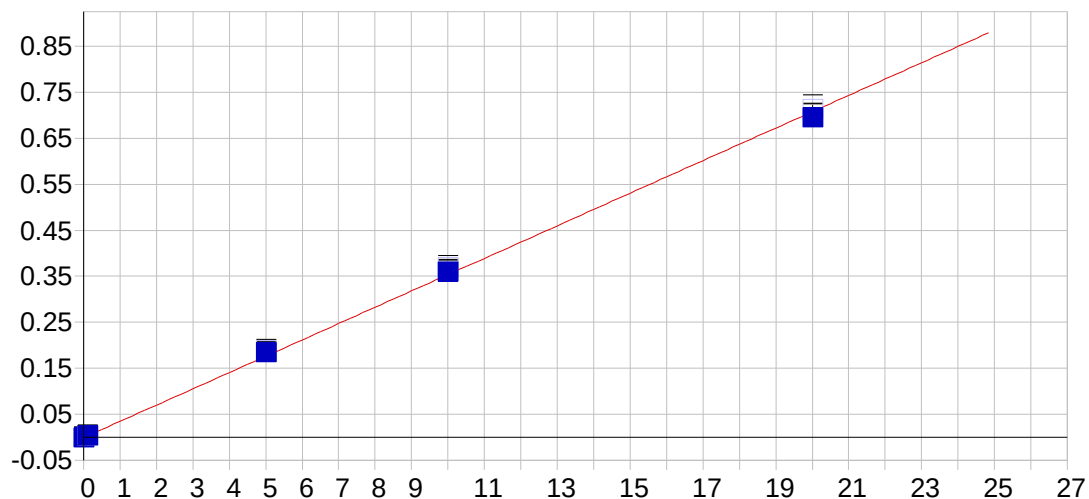
Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001650 Re-Slope: 1.000000
 A1 (Gain): 0.158056 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910
 Std Error of Est: 0.000080
 Predicted MDL: 0.002498
 Predicted MQL: 0.008328

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00165	.000	1
S1	.05000	.05309	.003	6.18	.00984	.000	1
S3	2.5000	2.5744	.074	2.98	.40410	.002	1
S4	5.0000	5.0041	.004	.082	.78369	.001	1
S5	10.000	9.9184	-.082	-.816	1.5515	.008	1



Date of Fit: 12/23/2019 12:58:35

Type of Fit: Linear

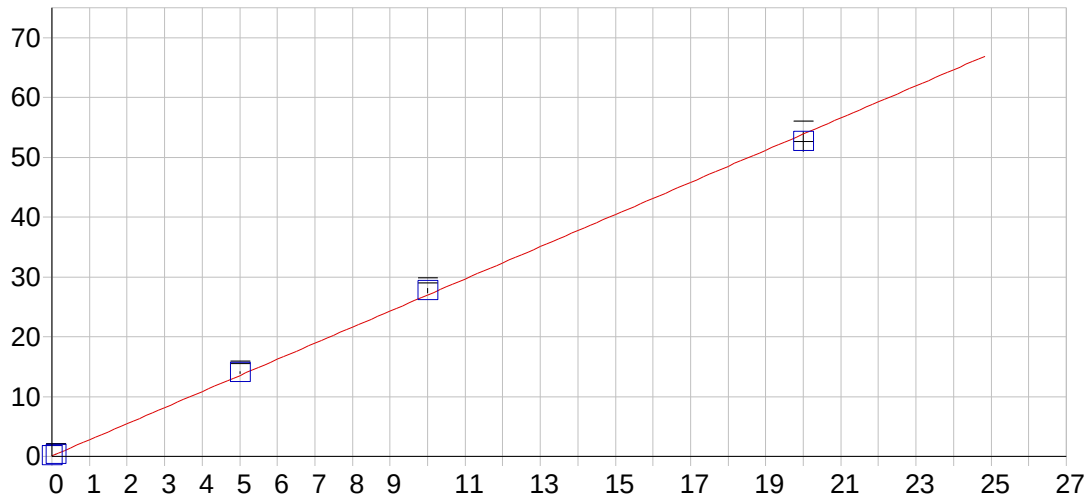
Weighting: 1/Conc

A0 (Offset): -0.000885
 A1 (Gain): 0.035426
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999728
 Std Error of Est: 0.000065
 Predicted MDL: 0.018583
 Predicted MQL: 0.061942

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	-.00002	-.000	.000	-.00089	.001	1
S1	.10000	.11776	.018	17.8	.00355	.000	1
S3	5.0000	5.1918	.192	3.84	.18751	.003	1
S4	10.000	10.162	.162	1.62	.36803	.005	1
S5	20.000	19.628	-.372	-1.86	.71231	.009	1

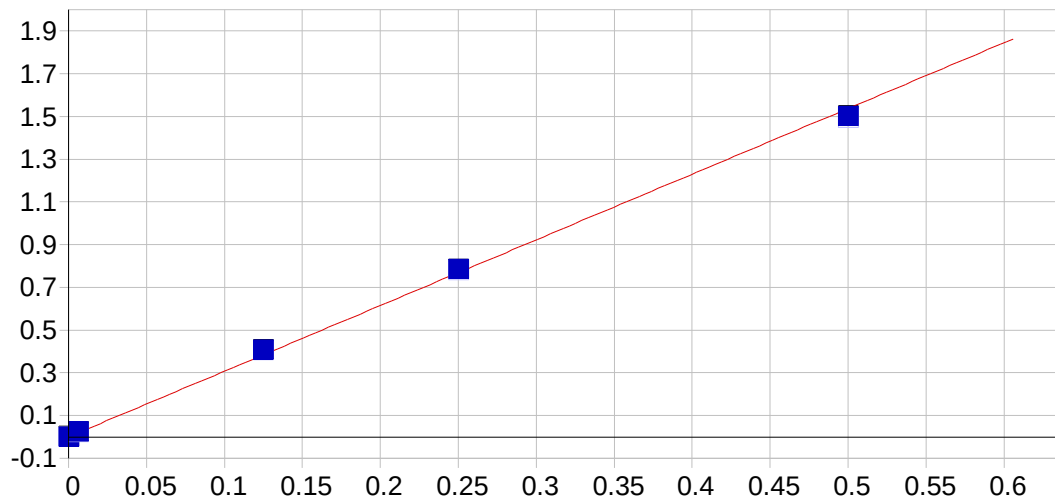


Ba 493.409 { 68}

Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.080385 Re-Slope: 1.000000
 A1 (Gain): 2.690039 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999636 Status: OK.
 Std Error of Est: 0.005549
 Predicted MDL: 0.000589
 Predicted MQL: 0.001964

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.08035	.001	1
S1	.10000	.10804	.008	8.04	.37102	.005	1
S3	5.0000	5.1888	.189	3.78	14.039	.212	1
S4	10.000	10.266	.266	2.66	27.696	.402	1
S5	20.000	19.537	-.463	-2.31	52.636	1.75	1



Be 234.861 {144}

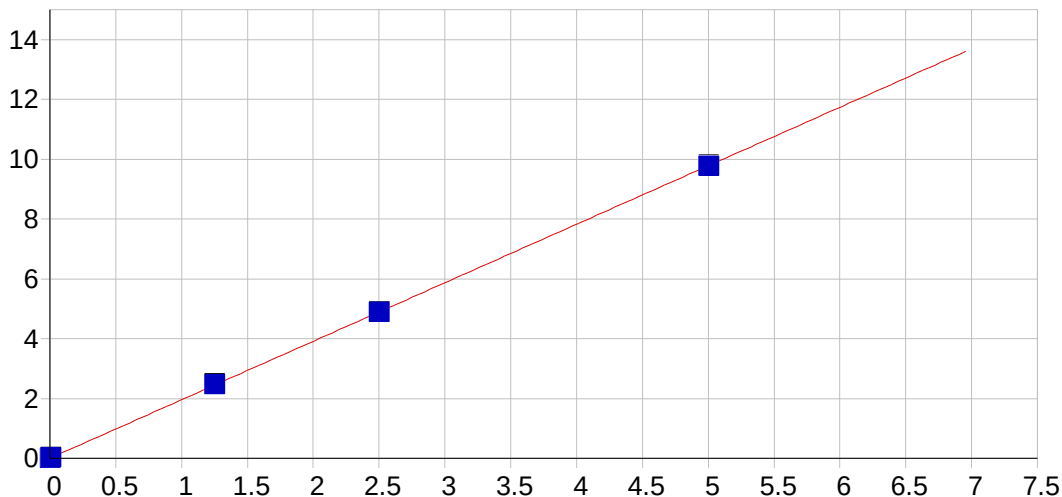
Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000287 Re-Slope: 1.000000
 A1 (Gain): 3.074202 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999504
 Std Error of Est: 0.000286
 Predicted MDL: 0.000119
 Predicted MQL: 0.000395

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00028	.000	1
S1	.00600	.00689	.001	14.9	.02128	.000	1
S3	.12500	.13175	.007	5.40	.40288	.002	1
S4	.25000	.25440	.004	1.76	.77751	.002	1
S5	.50000	.48797	-.012	-2.41	1.4907	.002	1



Cd 226.502 {449}

Date of Fit: 12/23/2019 12:58:35

Type of Fit: Linear

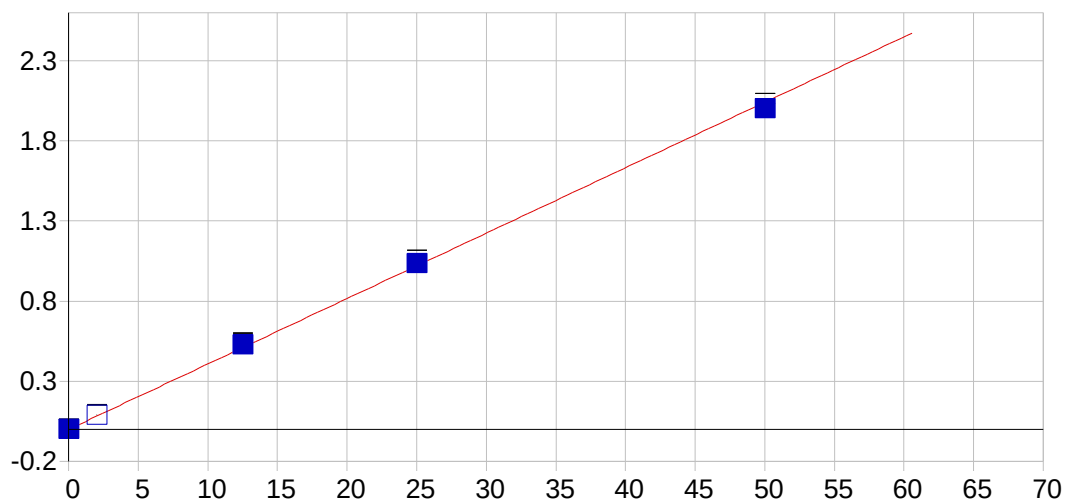
Weighting: 1/Conc

A0 (Offset): 0.000835
 A1 (Gain): 1.956048
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993
 Std Error of Est: 0.000069
 Predicted MDL: 0.000163
 Predicted MQL: 0.000542

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	.00083	.000	1
S1	.00600	.00610	.000	1.73	.01279	.000	1
S3	1.2500	1.2614	.011	.910	2.4686	.010	1
S4	2.5000	2.4952	-.005	-.192	4.8825	.018	1
S5	5.0000	4.9933	-.007	-.134	9.7697	.020	1

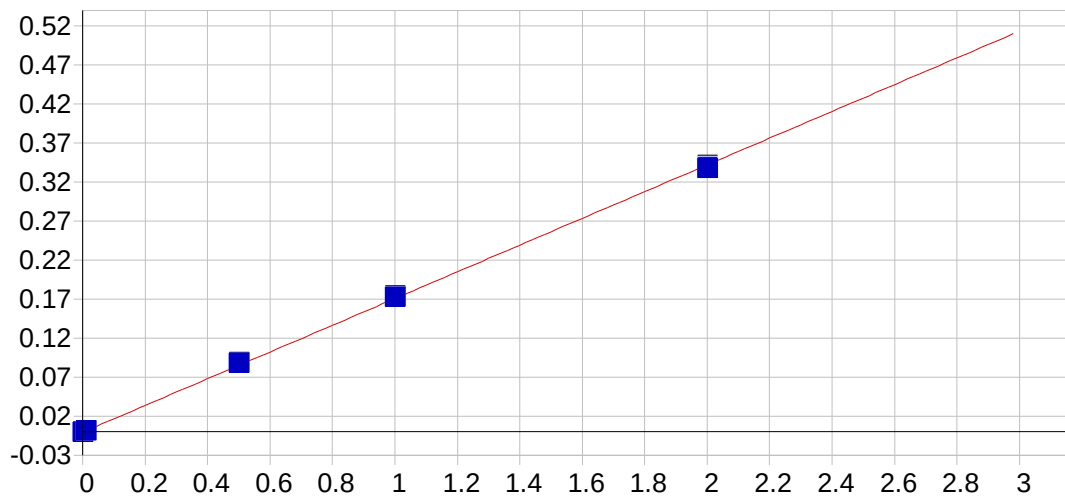


Ca 373.690 { 90}

Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000486 Re-Slope: 1.000000
 A1 (Gain): 0.040834 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999660 Status: OK.
 Std Error of Est: 0.000582
 Predicted MDL: 0.015327
 Predicted MQL: 0.051091

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00026	-.000	.000	-.00050	.001	1
S2	2.0000	2.2046	.205	10.2	.08953	.001	1
S3	12.500	12.928	.428	3.43	.52770	.009	1
S4	25.000	25.366	.366	1.46	1.0358	.017	1
S5	50.000	49.001	-.999	-2.00	2.0015	.031	1



Cr 267.716 {126}

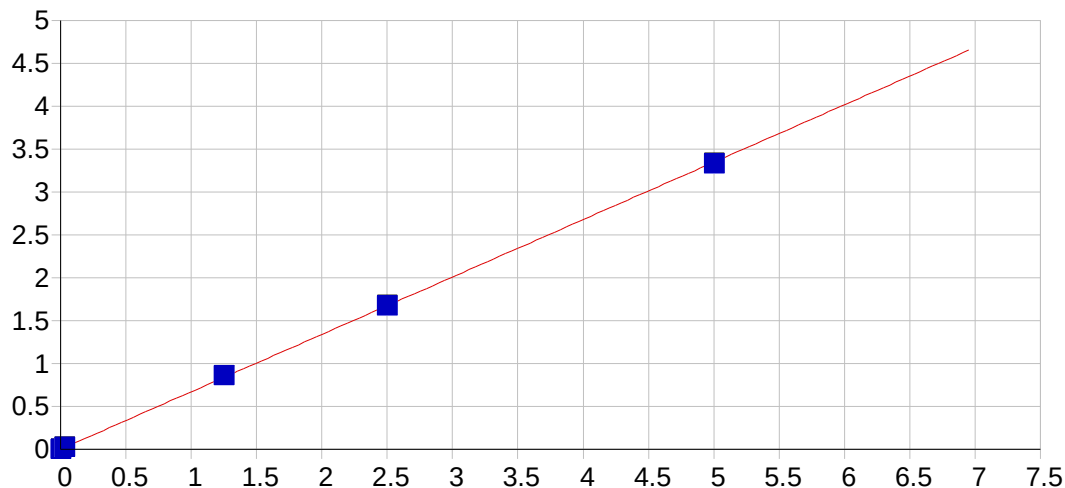
Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000456 Re-Slope: 1.000000
 A1 (Gain): 0.171322 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869
 Std Error of Est: 0.000021
 Predicted MDL: 0.000650
 Predicted MQL: 0.002167

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00046	.000	1
S1	.01000	.01078	.001	7.77	.00140	.000	1
S3	.50000	.51501	.015	3.00	.08831	.000	1
S4	1.0000	1.0098	.010	.978	.17360	.001	1
S5	2.0000	1.9744	-.026	-1.28	.33993	.002	1



Date of Fit: 12/23/2019 12:58:35

Type of Fit: Linear

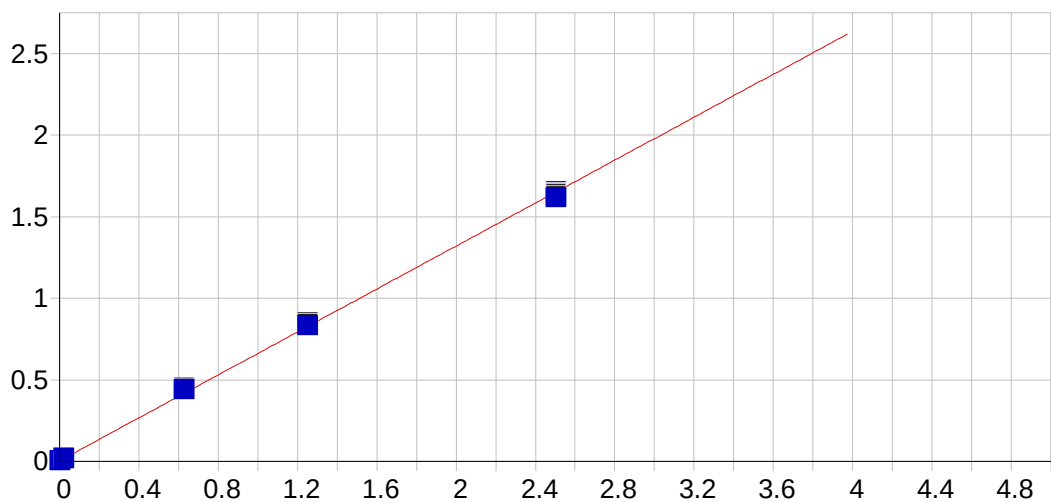
Weighting: 1/Conc

A0 (Offset): 0.001211
 A1 (Gain): 0.669358
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949
 Std Error of Est: 0.000141
 Predicted MDL: 0.000382
 Predicted MQL: 0.001274

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	.00121	.000	1
S1	.03000	.03091	.001	3.02	.02172	.000	1
S3	1.2500	1.2801	.030	2.40	.85575	.003	1
S4	2.5000	2.4945	-.005	-.220	1.6664	.007	1
S5	5.0000	4.9745	-.025	-.509	3.3218	.008	1

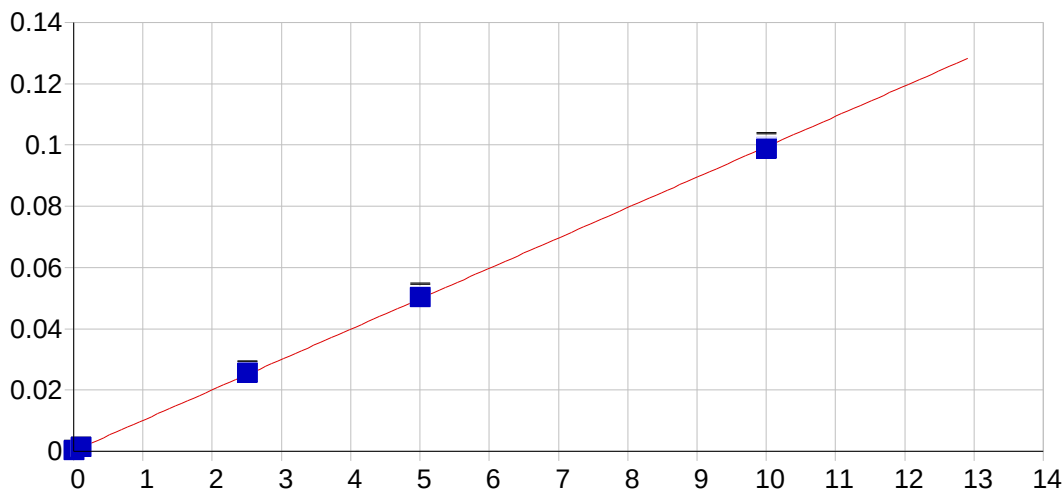


Cu 224.700 {450}

Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003386 Re-Slope: 1.000000
 A1 (Gain): 0.658259 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999621 Status: OK.
 Std Error of Est: 0.000223
 Predicted MDL: 0.000778
 Predicted MQL: 0.002593

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00338	.000	1
S1	.02000	.02151	.002	7.56	.01776	.000	1
S3	.62500	.66373	.039	6.20	.44694	.001	1
S4	1.2500	1.2569	.007	.552	.84404	.004	1
S5	2.5000	2.4529	-.047	-1.89	1.6446	.007	1



Fe 240.488 {140}

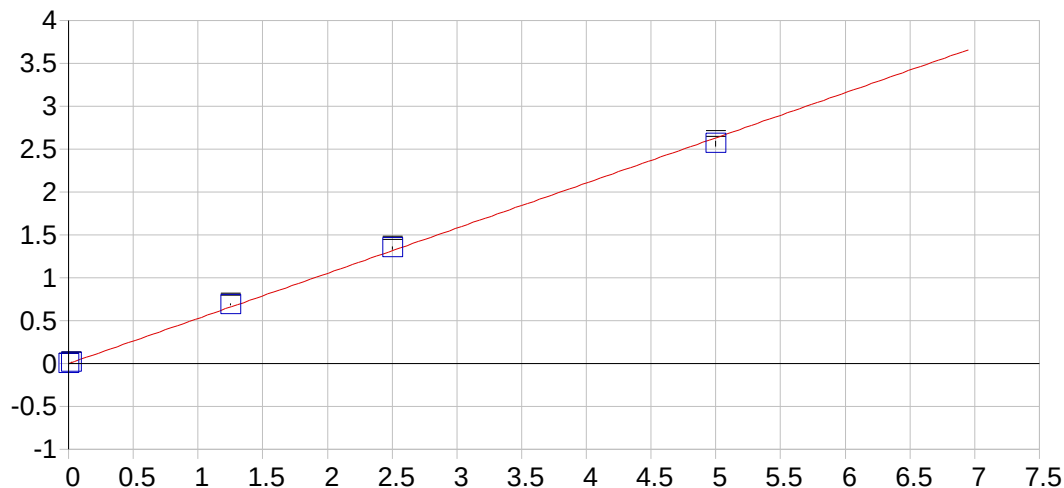
Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000186 Re-Slope: 1.000000
 A1 (Gain): 0.009923 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959
 Std Error of Est: 0.000005
 Predicted MDL: 0.006061
 Predicted MQL: 0.020202

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00019	.000	1
S1	.10000	.09943	-.001	-.565	.00118	.000	1
S3	2.5000	2.5416	.042	1.66	.02553	.001	1
S4	5.0000	5.0335	.033	.669	.05038	.001	1
S5	10.000	9.9255	-.074	-.745	.09917	.002	1



Mn 257.610 {131}

Date of Fit: 12/23/2019 12:58:35

Type of Fit: Linear

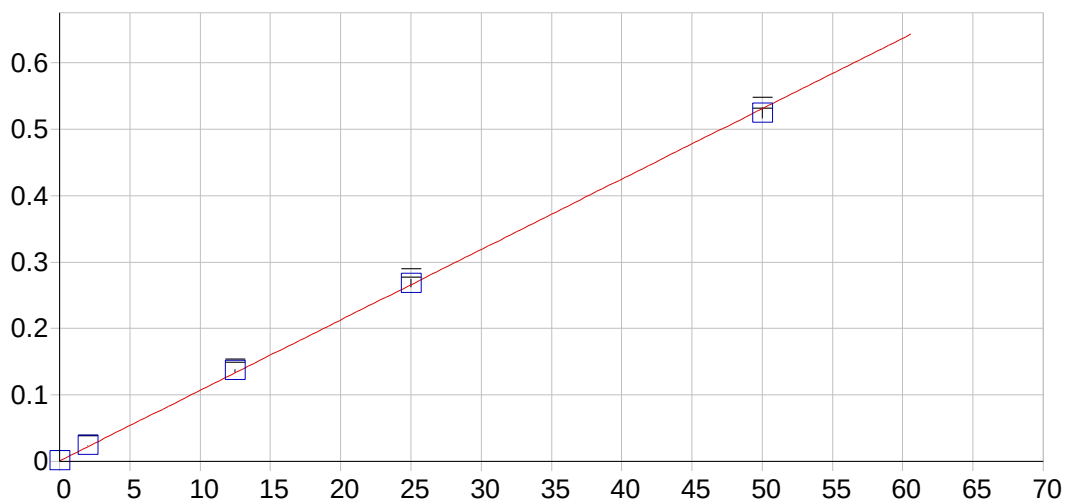
Weighting: 1/Conc

A0 (Offset): -0.000369
 A1 (Gain): 0.526407
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999535
 Std Error of Est: 0.000275
 Predicted MDL: 0.000503
 Predicted MQL: 0.001676

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	-.00037	.000	1
S1	.02000	.02348	.003	17.4	.01199	.000	1
S3	1.2500	1.3094	.059	4.75	.68891	.012	1
S4	2.5000	2.5628	.063	2.51	1.3487	.020	1
S5	5.0000	4.8743	-.126	-2.51	2.5655	.035	1

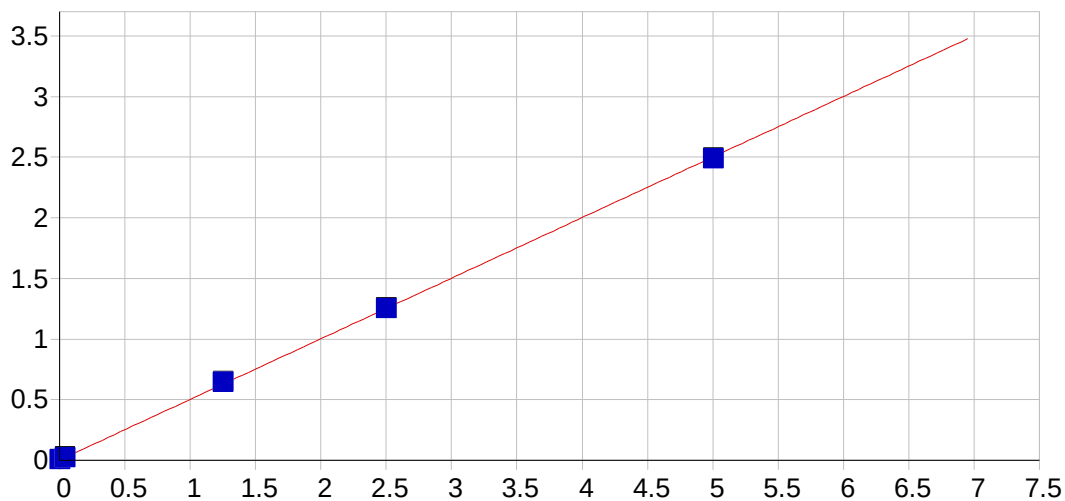


Mg 279.079 {121}

Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000913 Re-Slope: 1.000000
 A1 (Gain): 0.010598 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999861 Status: OK.
 Std Error of Est: 0.000097
 Predicted MDL: 0.028448
 Predicted MQL: 0.094826

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00018	-.000	.000	.00091	.000	1
S2	2.0000	2.1409	.141	7.04	.02360	.001	1
S3	12.500	12.779	.279	2.24	.13634	.002	1
S4	25.000	25.186	.186	.744	.26782	.006	1
S5	50.000	49.394	-.606	-1.21	.52437	.008	1



Ni 231.604 {446}

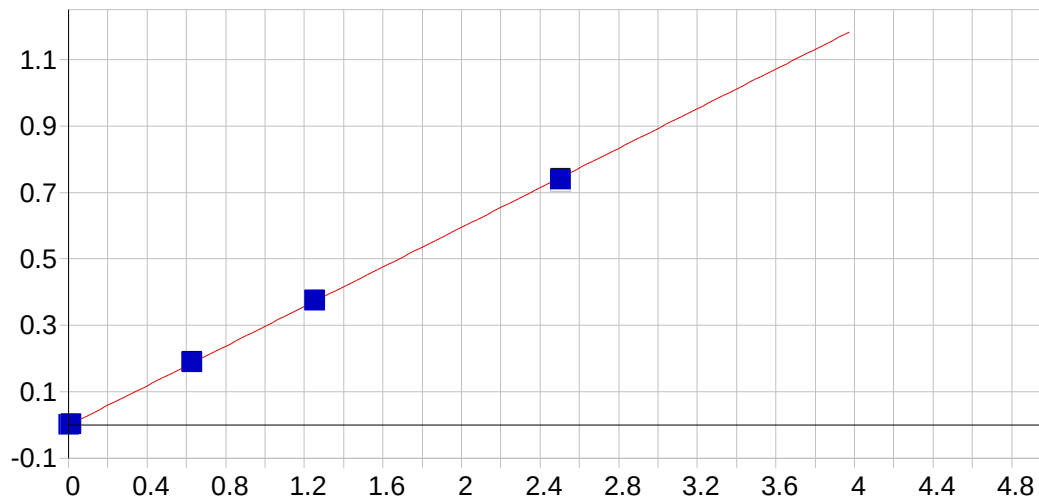
Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002711 Re-Slope: 1.000000
 A1 (Gain): 0.499745 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928
 Std Error of Est: 0.000145
 Predicted MDL: 0.000562
 Predicted MQL: 0.001873

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00271	.000	1
S1	.04000	.04181	.002	4.52	.02361	.000	1
S3	1.2500	1.2843	.034	2.74	.64474	.003	1
S4	2.5000	2.4990	-.001	-.040	1.2520	.004	1
S5	5.0000	4.9649	-.035	-.701	2.4848	.005	1



Ag 328.068 {103}

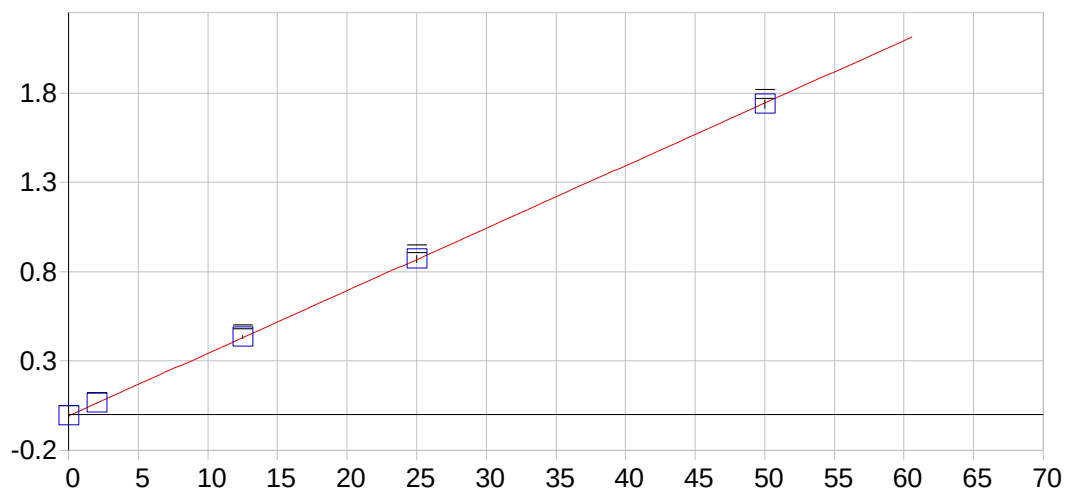
Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000538
 A1 (Gain): 0.297694
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933
 Std Error of Est: 0.000029
 Predicted MDL: 0.000650
 Predicted MQL: 0.002167

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	-.00054	.000	1
S1	.01000	.01047	.000	4.69	.00253	.000	1
S3	.62500	.63828	.013	2.13	.18785	.000	1
S4	1.2500	1.2589	.009	.716	.37100	.002	1
S5	2.5000	2.4773	-.023	-.908	.73046	.004	1

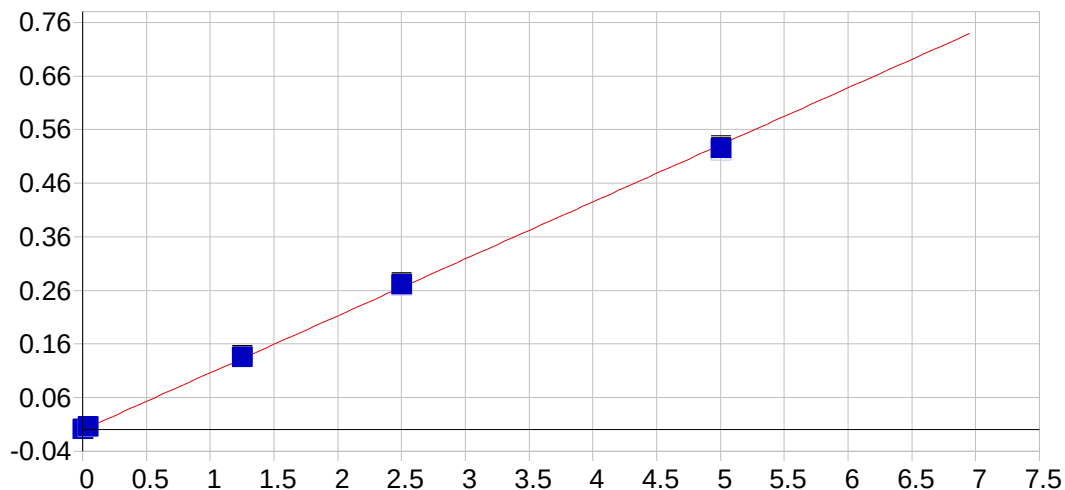


Na 589.592 { 57}

Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006500 Re-Slope: 1.000000
 A1 (Gain): 0.035001 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000108
 Predicted MDL: 0.012346
 Predicted MQL: 0.041155

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	-.000	.000	-.00650	.000	1
S2	2.0000	2.0609	.061	3.05	.06563	.001	1
S3	12.500	12.575	.075	.600	.43364	.010	1
S4	25.000	25.029	.029	.115	.86954	.022	1
S5	50.000	49.835	-.165	-.329	1.7378	.026	1



V 292.402 {115}

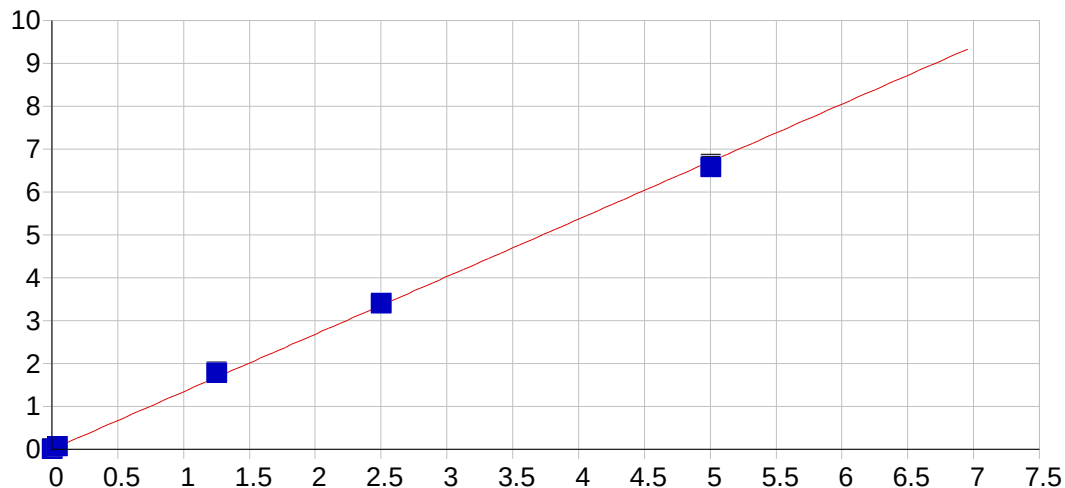
Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000048 Re-Slope: 1.000000
 A1 (Gain): 0.106297 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999839
 Std Error of Est: 0.000046
 Predicted MDL: 0.003248
 Predicted MQL: 0.010826

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00005	.000	1
S1	.04000	.04495	.005	12.4	.00476	.000	1
S3	1.2500	1.2763	.026	2.10	.13471	.003	1
S4	2.5000	2.5395	.039	1.58	.26798	.004	1
S5	5.0000	4.9293	-.071	-1.41	.52002	.006	1



Zn 206.200 {464}

Date of Fit: 12/23/2019 12:58:35

Type of Fit: Linear

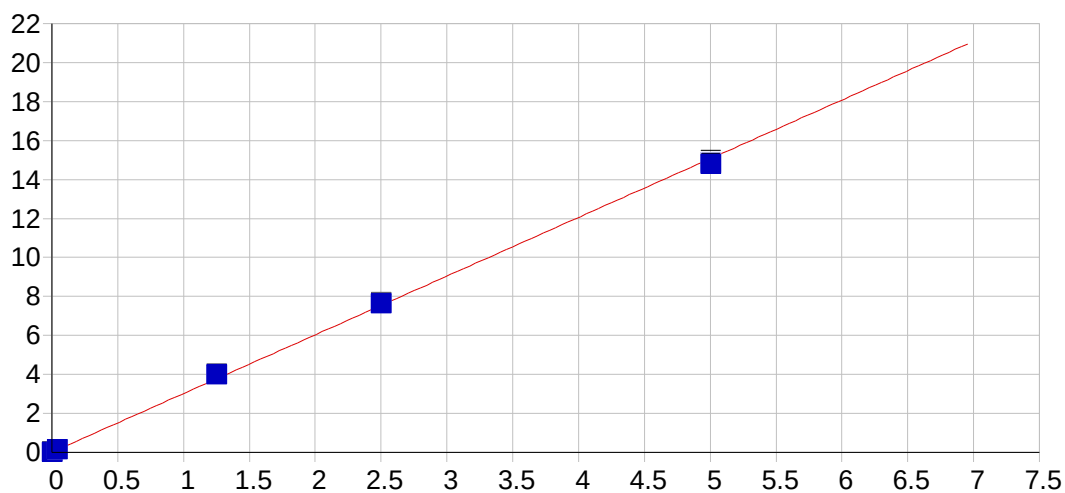
Weighting: 1/Conc

A0 (Offset): 0.000310
 A1 (Gain): 1.341721
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999531
 Std Error of Est: 0.001001
 Predicted MDL: 0.000293
 Predicted MQL: 0.000978

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	.00030	.000	1
S1	.04000	.04594	.006	14.8	.06232	.001	1
S3	1.2500	1.3282	.078	6.25	1.7940	.004	1
S4	2.5000	2.5243	.024	.973	3.4106	.010	1
S5	5.0000	4.8916	-.108	-2.17	6.6101	.025	1

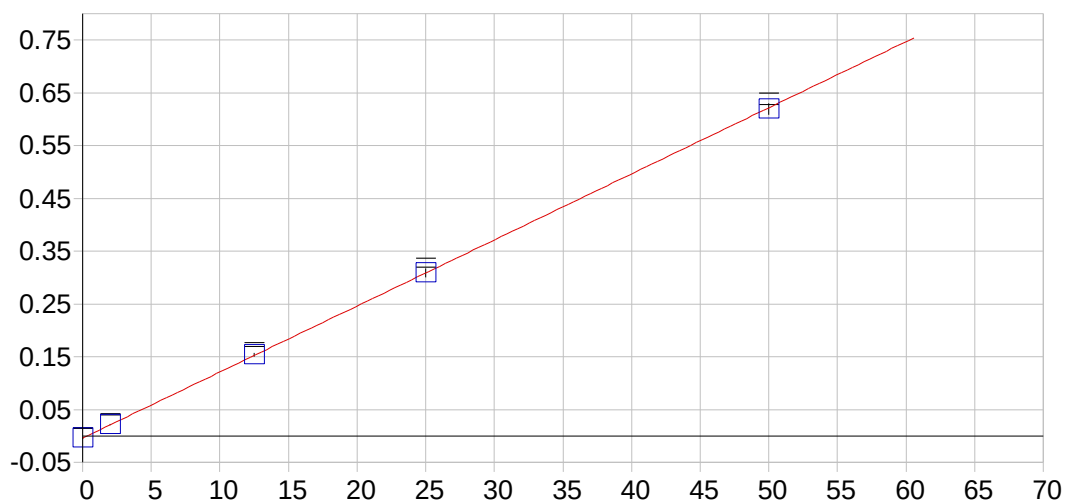


Zn 213.856 {158}

Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008391 Re-Slope: 1.000000
 A1 (Gain): 3.012347 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999656 Status: OK.
 Std Error of Est: 0.001926
 Predicted MDL: 0.000344
 Predicted MQL: 0.001148

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00837	.001	1
S1	.04000	.04391	.004	9.77	.14151	.001	1
S3	1.2500	1.3175	.067	5.40	4.0033	.018	1
S4	2.5000	2.5251	.025	1.00	7.6672	.024	1
S5	5.0000	4.9036	-.096	-1.93	14.884	.077	1



K 766.490 {44}

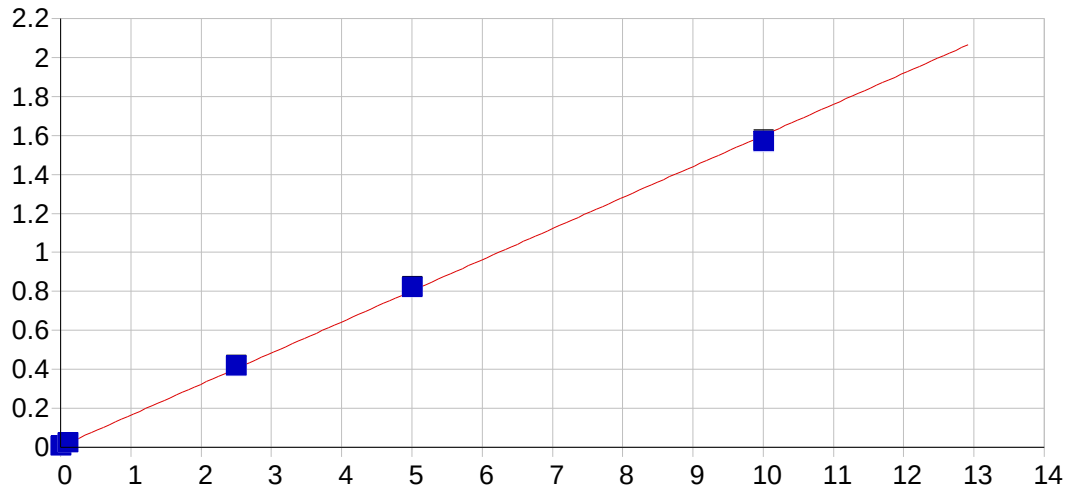
Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004206 Re-Slope: 1.000000
 A1 (Gain): 0.012519 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981
 Std Error of Est: 0.000042
 Predicted MDL: 0.046586
 Predicted MQL: 0.155285

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	-.000	.000	-.00421	.000	1
S2	2.0000	2.0595	.059	2.97	.02158	.001	1
S3	12.500	12.605	.105	.837	.15359	.004	1
S4	25.000	25.030	.030	.120	.30914	.009	1
S5	50.000	49.806	-.194	-.388	.61930	.011	1



B 249.678 {135}

Date of Fit: 12/23/2019 12:58:35

Type of Fit: Linear

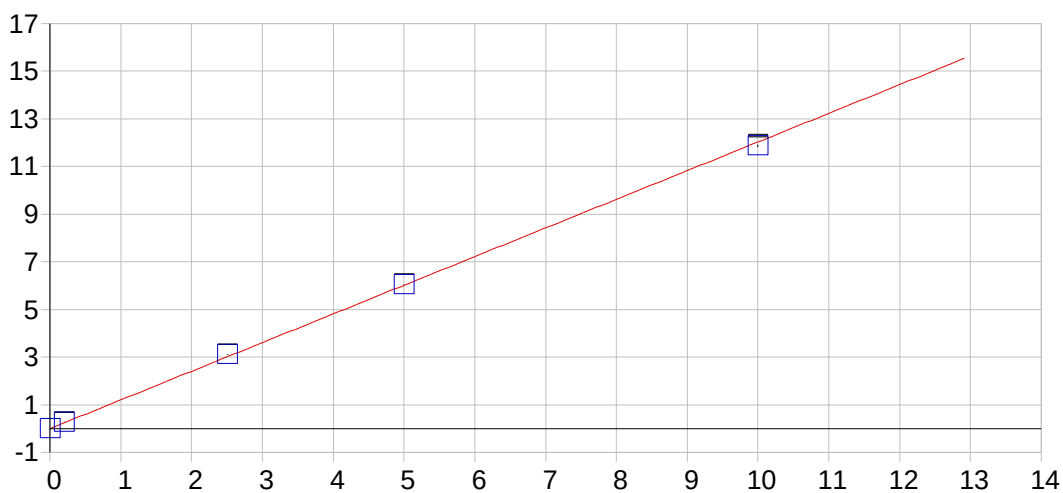
Weighting: 1/Conc

A0 (Offset): 0.005537
 A1 (Gain): 0.159461
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999757
 Std Error of Est: 0.000190
 Predicted MDL: 0.001864
 Predicted MQL: 0.006214

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	.00554	.000	1
S1	.10000	.10060	.001	.597	.02148	.000	1
S3	2.5000	2.5789	.079	3.16	.41500	.002	1
S4	5.0000	5.1098	.110	2.20	.81681	.003	1
S5	10.000	9.8108	-.189	-1.89	1.5629	.005	1

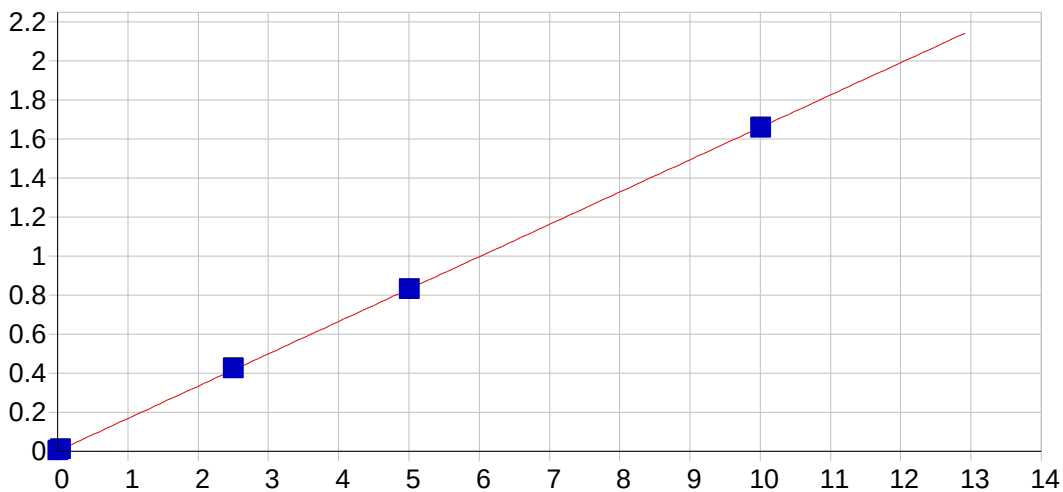


Mo 202.030 {467}

Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002085 Re-Slope: 1.000000
 A1 (Gain): 1.203280 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999834 Status: OK.
 Std Error of Est: 0.001685
 Predicted MDL: 0.000353
 Predicted MQL: 0.001178

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00211	.000	1
S1	.20000	.21410	.014	7.05	.25553	.000	1
S3	2.5000	2.5869	.087	3.47	3.1106	.009	1
S4	5.0000	5.0294	.029	.589	6.0497	.013	1
S5	10.000	9.8696	-.130	-1.30	11.874	.046	1



Sn 189.989 {478}

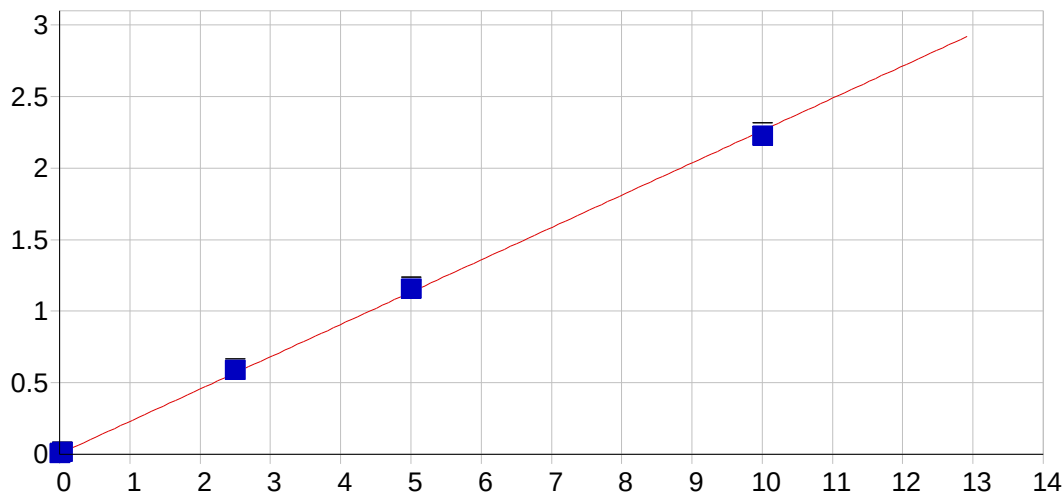
Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002327 Re-Slope: 1.000000
 A1 (Gain): 0.165766 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978
 Std Error of Est: 0.000038
 Predicted MDL: 0.001011
 Predicted MQL: 0.003371

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00233	.000	1
S1	.04000	.03977	-.000	-.566	.00892	.000	1
S3	2.5000	2.5409	.041	1.64	.42377	.001	1
S4	5.0000	4.9888	-.011	-.223	.82978	.004	1
S5	10.000	9.9704	-.030	-.296	1.6560	.004	1



Ti 336.121 {100}

Date of Fit: 12/23/2019 12:58:35

Type of Fit: Linear

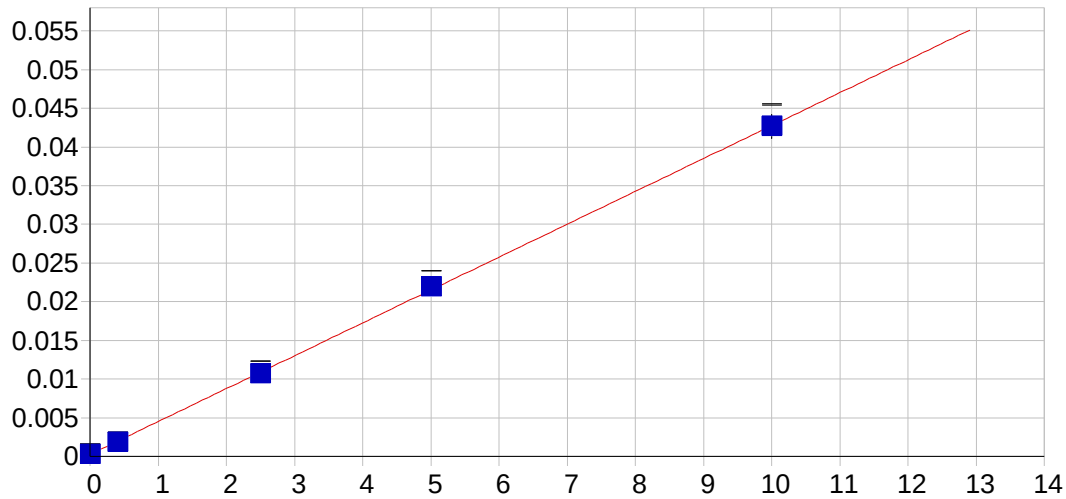
Weighting: 1/Conc

A0 (Offset): 0.004206
 A1 (Gain): 0.225823
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999793
 Std Error of Est: 0.000157
 Predicted MDL: 0.001867
 Predicted MQL: 0.006222

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	.00421	.000	1
S1	.04000	.04141	.001	3.53	.01355	.000	1
S3	2.5000	2.5816	.082	3.26	.58711	.010	1
S4	5.0000	5.0892	.089	1.78	1.1533	.014	1
S5	10.000	9.8279	-.172	-1.72	2.2233	.024	1

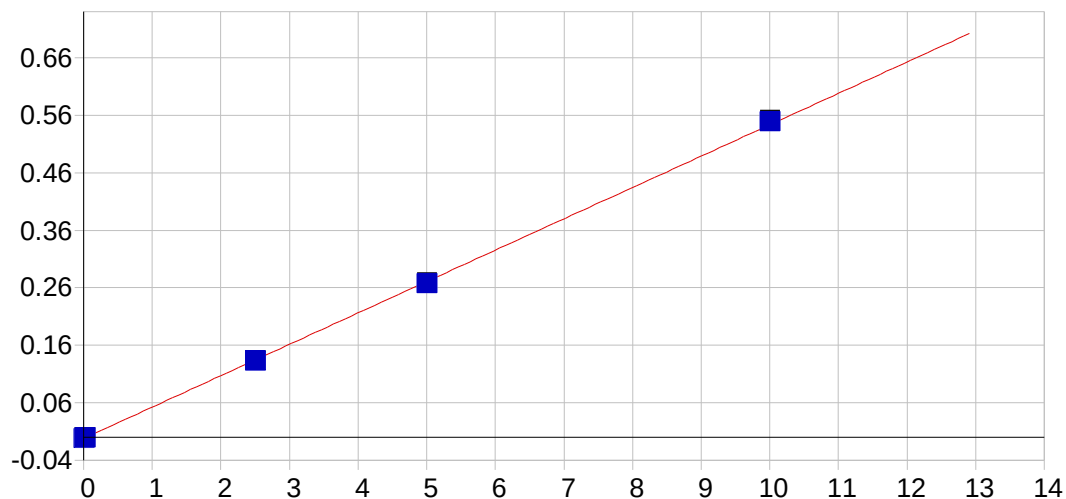


Si 288.158 {117}

Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000260 Re-Slope: 1.000000
 A1 (Gain): 0.004250 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.019016
 Predicted MQL: 0.063386

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00026	.000	1
S1	.40000	.36776	-.032	-8.06	.00182	.000	1
S3	2.5000	2.4523	-.048	-1.91	.01065	.000	1
S4	5.0000	5.0900	.090	1.80	.02182	.001	1
S5	10.000	9.9900	-.010	-.100	.04258	.002	1



P 177.495 {490}

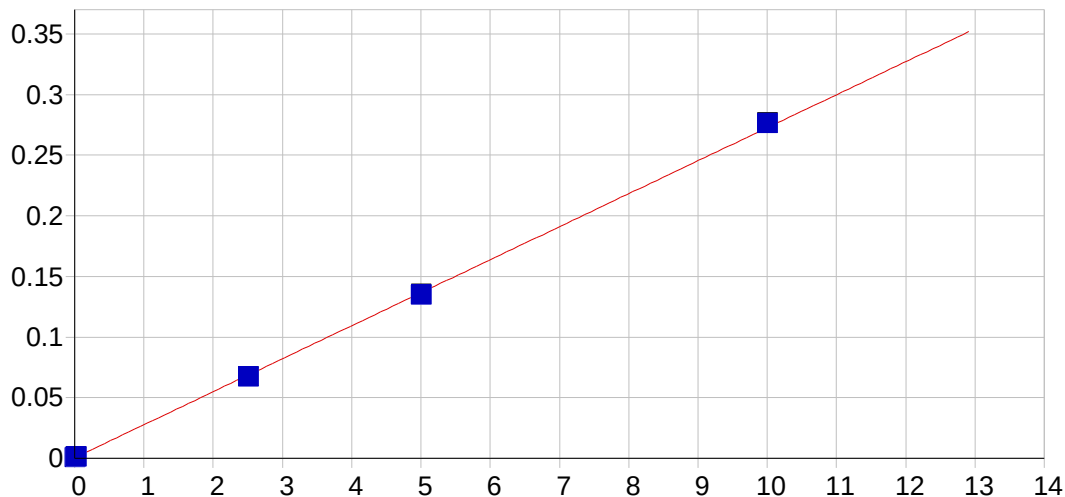
Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001962 Re-Slope: 1.000000
 A1 (Gain): 0.054538 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921
 Std Error of Est: 0.000017
 Predicted MDL: 0.002569
 Predicted MQL: 0.008564

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00196	.000	1
S1	.02000	.01782	-.002	-10.9	-.00099	.000	1
S3	2.5000	2.4638	-.036	-1.45	.13221	.000	1
S4	5.0000	4.9332	-.067	-1.34	.26669	.001	1
S5	10.000	10.105	.105	1.05	.54837	.002	1



S 182.034 {485}

Date of Fit: 12/23/2019 12:58:35

Type of Fit: Linear

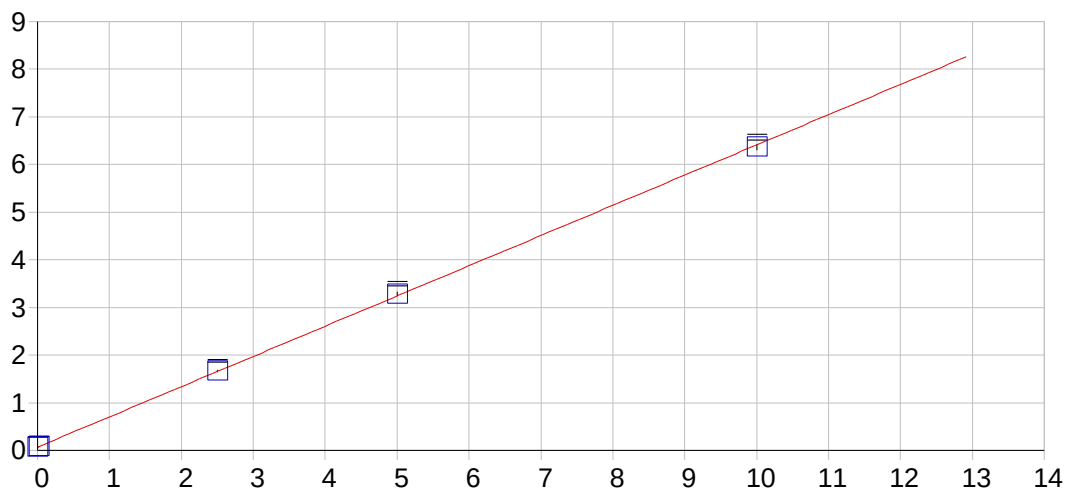
Weighting: 1/Conc

A0 (Offset): 0.000491
 A1 (Gain): 0.027214
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886
 Std Error of Est: 0.000010
 Predicted MDL: 0.005115
 Predicted MQL: 0.017048

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	.00049	.000	1
S1	.02000	.01749	-.003	-12.6	.00095	.000	1
S3	2.5000	2.4499	-.050	-2.01	.06711	.000	1
S4	5.0000	4.9263	-.074	-1.47	.13445	.001	1
S5	10.000	10.126	.126	1.26	.27586	.001	1

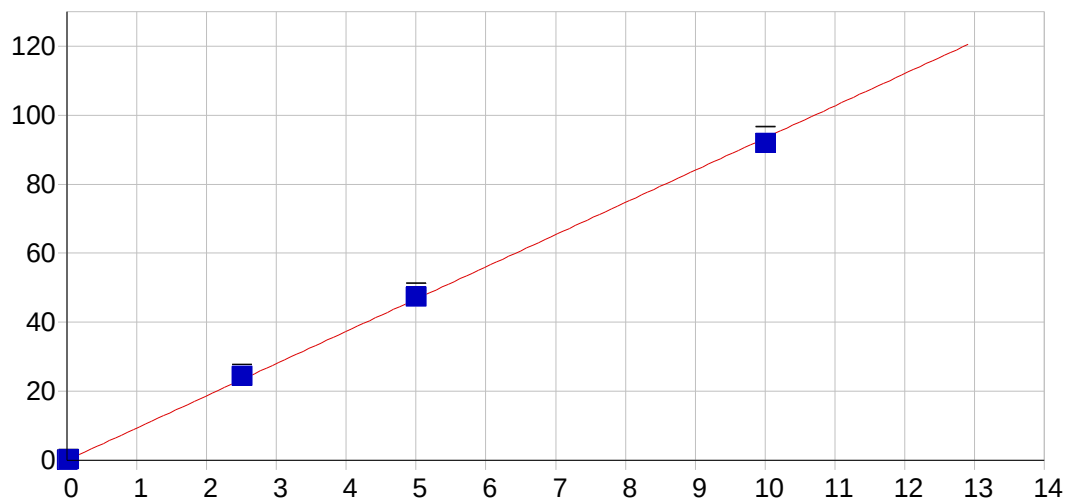


Li 670.784 { 50}

Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.069865 Re-Slope: 1.000000
 A1 (Gain): 0.634179 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000144
 Predicted MDL: 0.002823
 Predicted MQL: 0.009409

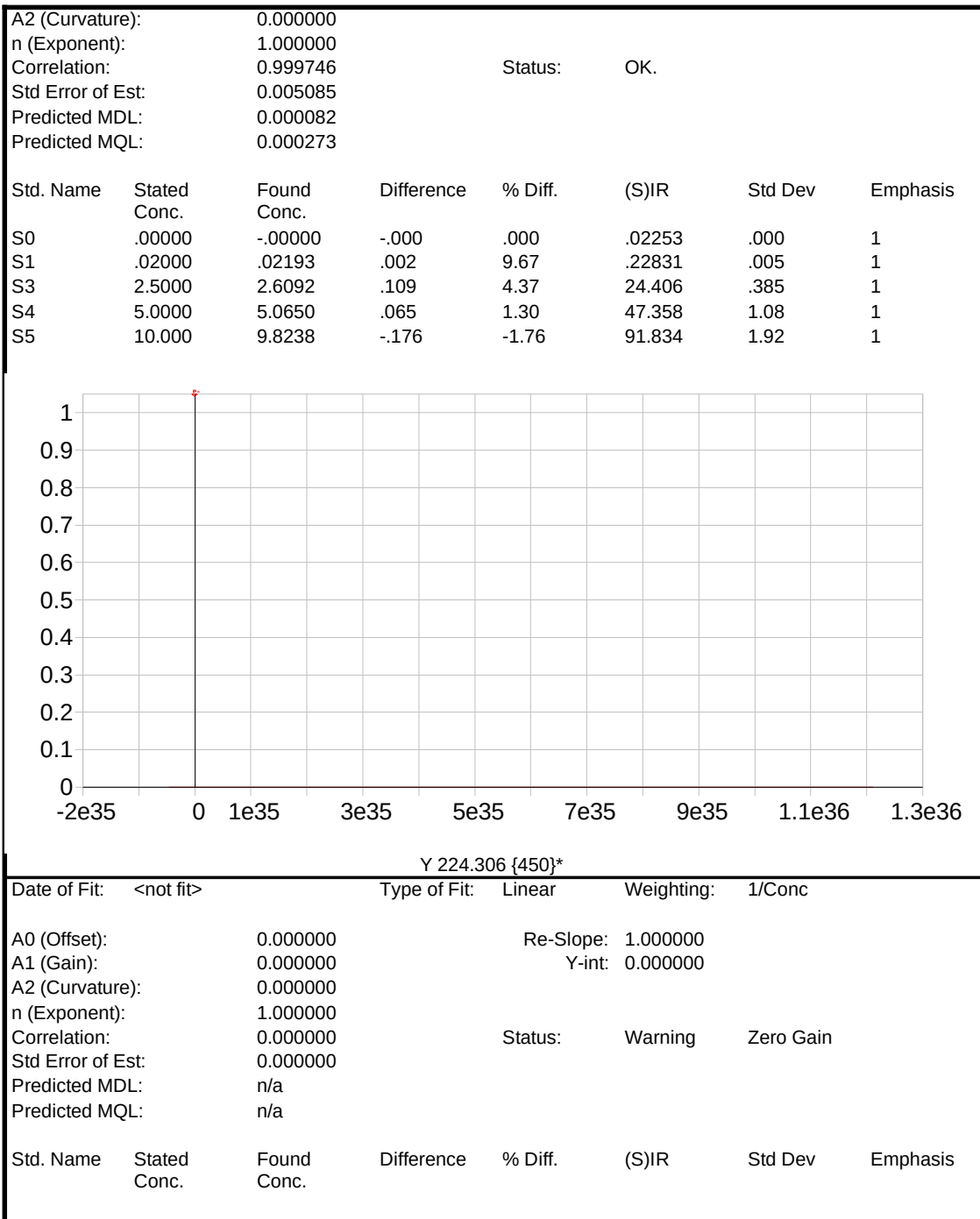
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.06986	.000	1
S5	10.000	9.9208	-.079	-.792	6.3614	.064	1
S4	5.0000	5.0599	.060	1.20	3.2787	.047	1
S3	2.5000	2.5182	.018	.726	1.6668	.023	1
S1	.02000	.02114	.001	5.71	.08327	.002	1

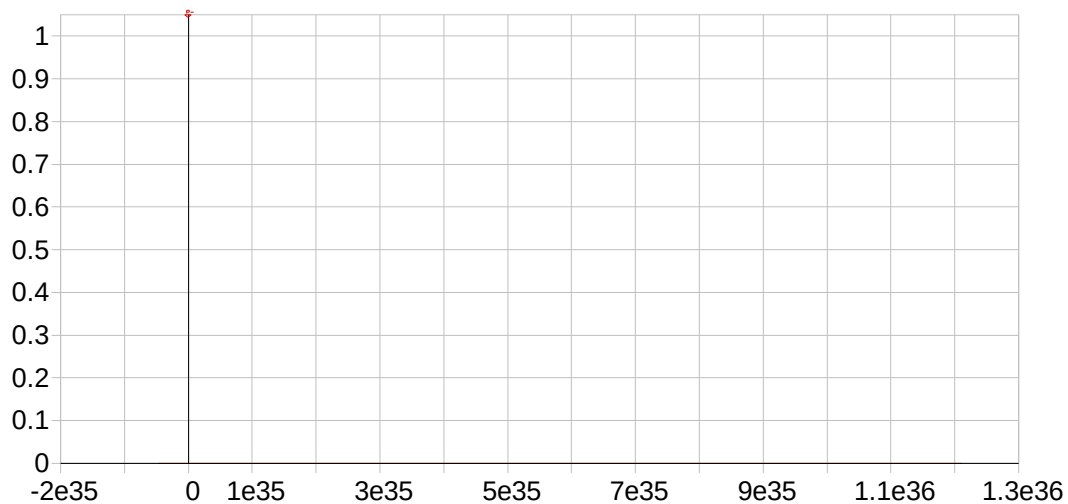


Sr 407.771 { 83}

Date of Fit: 12/23/2019 12:58:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.022556 Re-Slope: 1.000000
 A1 (Gain): 9.335833 Y-int: 0.000000

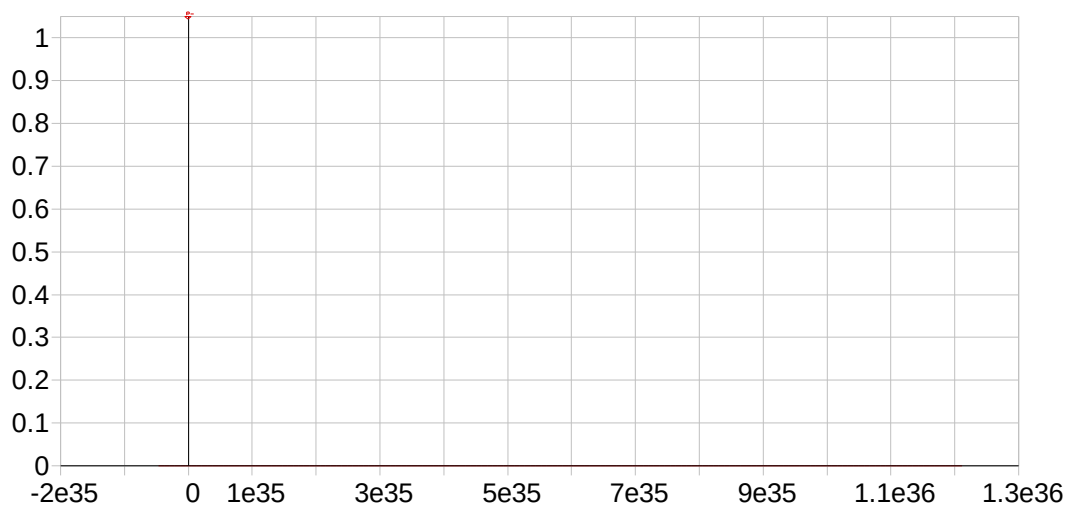




Y 360.073 { 94}*
 Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

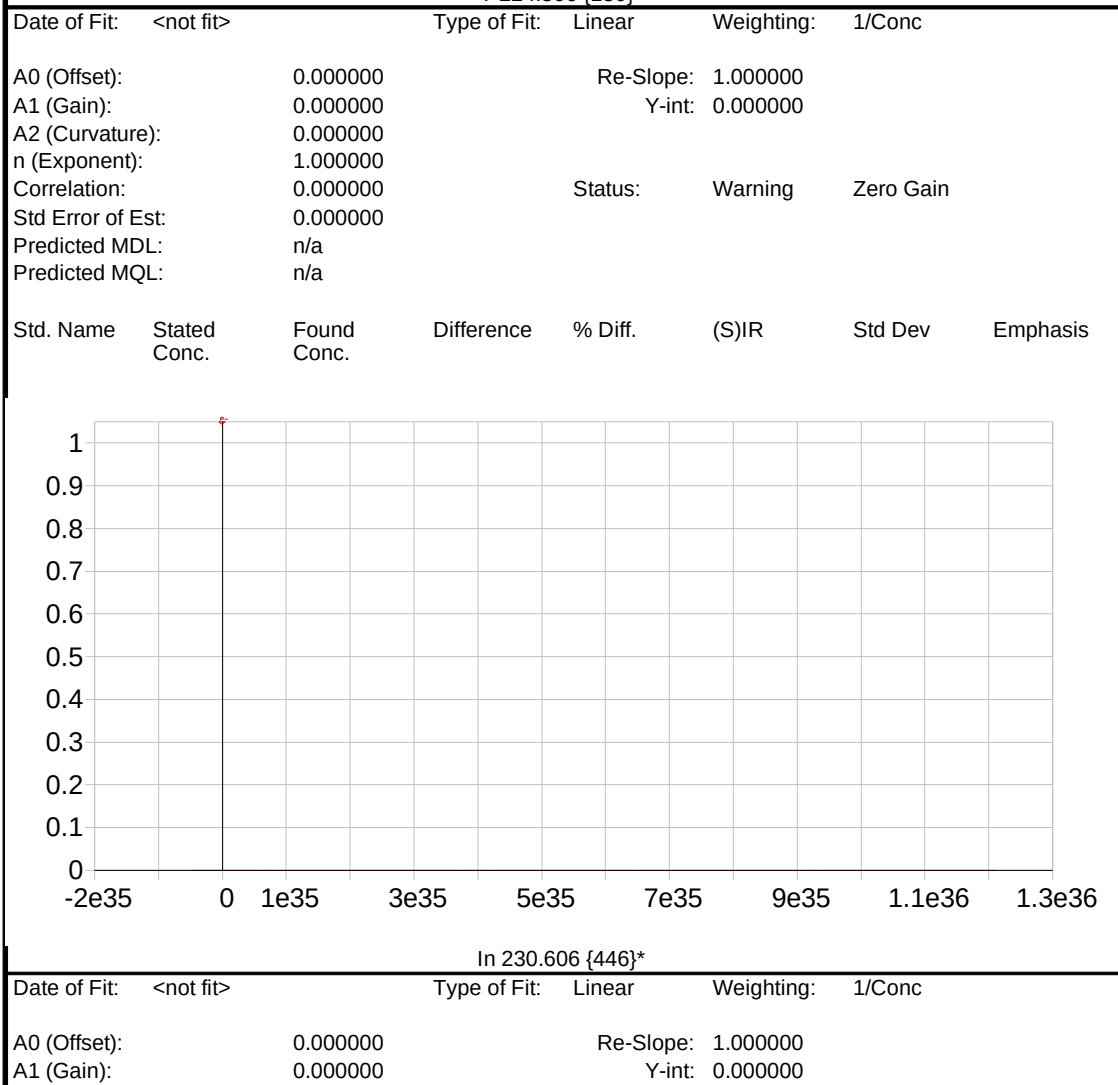
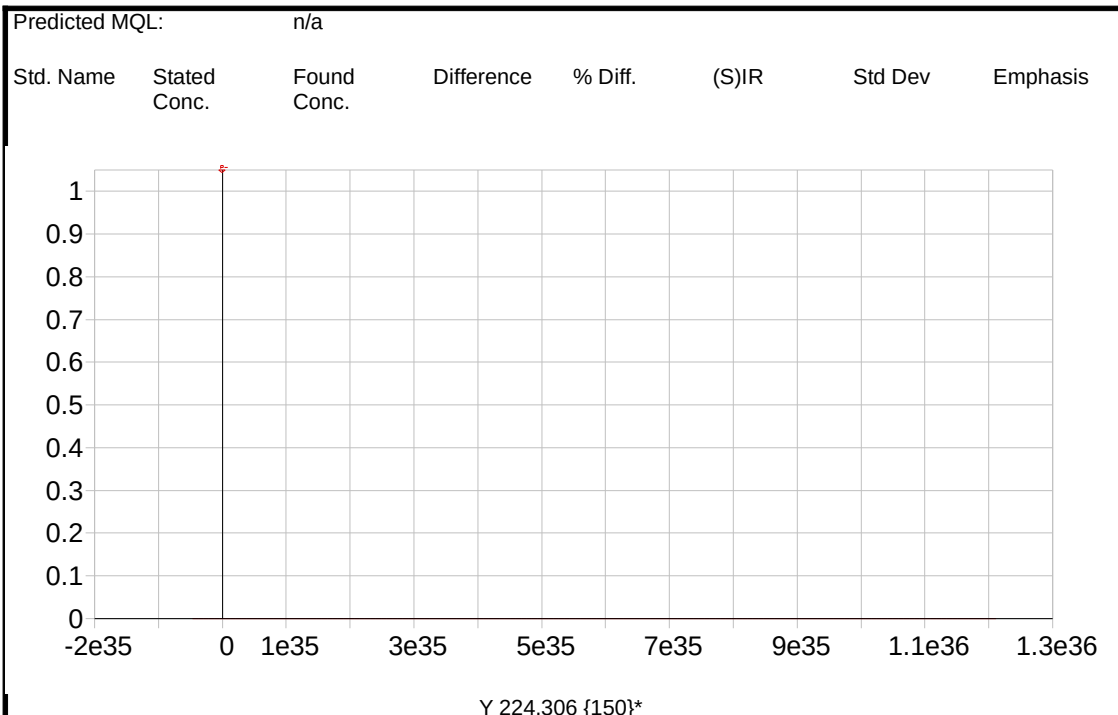
A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

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: 12/23/2019 12:11:15 Type: Cal
Method: NON EPA-6010-200.7(v173) 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	-.00027	-.00074	-.00444	.00070	.00165	-.00089	.08035	.00028
Stddev	.00027	.00005	.00023	.00015	.00013	.00084	.00083	.00041
%RSD	96.676	7.1418	5.0813	21.068	7.6810	94.484	1.0361	144.97

#1	.00002	-.00076	-.00453	.00080	.00177	-.00102	.07955	-.00010
#2	-.00036	-.00078	-.00460	.00078	.00167	.00001	.08029	.00071
#3	-.00049	-.00068	-.00418	.00053	.00151	-.00165	.08121	.00024

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	.00083	-.00050	-.00046	.00121	.00338	.00019	-.00037	.00091
Stddev	.00026	.00110	.00005	.00016	.00023	.00004	.00028	.00009
%RSD	30.842	221.76	11.526	13.101	6.8823	22.749	76.561	10.231

#1	.00057	-.00120	-.00052	.00129	.00356	.00022	-.00070	.00083
#2	.00108	.00077	-.00042	.00131	.00348	.00014	-.00019	.00089
#3	.00086	-.00107	-.00043	.00103	.00312	.00020	-.00023	.00101

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	.00271	-.00054	-.00650	.00005	.00837	-.00421	.00554	-.00211
Stddev	.00015	.00020	.00019	.00031	.00147	.00044	.00016	.00028
%RSD	5.5470	36.669	2.9726	657.84	17.516	10.344	2.8970	13.228

#1	.00288	-.00034	-.00636	.00006	.01001	-.00375	.00557	-.00194
#2	.00264	-.00073	-.00672	-.00027	.00717	-.00426	.00536	-.00243
#3	.00260	-.00054	-.00643	.00036	.00794	-.00461	.00568	-.00195

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	.00233	.00421	.00026	-.00196	.00049	.06986	.02253	
Stddev	.00010	.00040	.00005	.00010	.00015	.00025	.00033	
%RSD	4.1097	9.5351	18.456	4.9348	29.733	.35856	1.4539	

#1	.00230	.00432	.00031	-.00192	.00042	.06978	.02230	
#2	.00225	.00376	.00024	-.00207	.00066	.07015	.02291	
#3	.00243	.00454	.00022	-.00189	.00040	.06967	.02239	

Sample Name: S0 Acquired: 12/23/2019 12:11:15 Type: Cal
Method: NON EPA-6010-200.7(v173) 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	1422.4	30506.	7752.1	1619.6	2692.7
Stddev	1.0	185.	62.2	21.6	4.8
%RSD	.07235	.60738	.80256	1.3308	.17652
#1	1422.0	30326.	7702.1	1599.9	2695.0
#2	1423.6	30496.	7821.8	1616.2	2695.9
#3	1421.6	30696.	7732.4	1642.6	2687.3

Sample Name: S1 Acquired: 12/23/2019 12:15:19 Type: Cal
Method: NON EPA-6010-200.7(v173) 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	.00100	.00309	-.00261	.00306	.00984	.00355	.37102	.02128
Stddev	.00009	.00013	.00026	.00021	.00010	.00039	.00550	.00042
%RSD	8.9882	4.0475	9.7923	6.8677	.99040	10.940	1.4811	1.9519

#1	.00095	.00320	-.00234	.00289	.00995	.00398	.36477	.02101
#2	.00111	.00312	-.00285	.00299	.00976	.00323	.37317	.02107
#3	.00095	.00296	-.00265	.00329	.00982	.00343	.37512	.02176

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	.01279	.00140	.02172	.01776	.00118	.01199	.02361	.00253
Stddev	.00017	.00008	.00027	.00023	.00007	.00027	.00017	.00007
%RSD	1.3118	6.0121	1.2233	1.3196	6.2738	2.2498	.73955	2.5917

#1	.01292	.00132	.02177	.01758	.00115	.01214	.02353	.00259
#2	.01286	.00138	.02195	.01767	.00126	.01168	.02381	.00252
#3	.01260	.00149	.02143	.01803	.00112	.01215	.02348	.00246

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	.00476	.14151	.02148	.25553	.00892	.01355	.00182	-.00099
Stddev	.00026	.00126	.00022	.00045	.00025	.00040	.00003	.00003
%RSD	5.4541	.89000	1.0453	.17716	2.8459	2.9850	1.4932	2.9520

#1	.00469	.14222	.02170	.25501	.00888	.01342	.00184	-.00103
#2	.00454	.14225	.02125	.25575	.00869	.01401	.00183	-.00097
#3	.00505	.14005	.02148	.25584	.00919	.01323	.00179	-.00098

Elem	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.00095	.08327	.22831
Stddev	.00010	.00191	.00473
%RSD	10.178	2.2888	2.0737

#1	.00085	.08200	.22287
#2	.00104	.08546	.23150
#3	.00097	.08236	.23056

Sample Name: S1 Acquired: 12/23/2019 12:15:19 Type: Cal
Method: NON EPA-6010-200.7(v173) 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	1423.0	30169.	7746.5	1609.5	2679.8
Stddev	5.1	44.	60.3	10.4	6.3
%RSD	.35766	.14652	.77837	.64778	.23352
#1	1417.6	30140.	7685.7	1614.1	2672.9
#2	1427.6	30148.	7747.7	1597.6	2685.0
#3	1423.8	30220.	7806.2	1616.9	2681.4

Sample Name: S2 Acquired: 12/23/2019 12:19:22 Type: Cal
Method: NON EPA-6010-200.7(v173) 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	.08953	.02360	.06563	.02158
Stddev	.00054	.00079	.00076	.00091
%RSD	.60037	3.3439	1.1582	4.2283

#1	.08932	.02297	.06478	.02079
#2	.09015	.02335	.06622	.02136
#3	.08913	.02449	.06590	.02258

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	30562.	7940.1
Stddev	109.	44.5
%RSD	.35641	.56056

#1	30452.	7890.4
#2	30564.	7953.6
#3	30670.	7976.3

Sample Name: S3 Acquired: 12/23/2019 12:23:20 Type: Cal
Method: NON EPA-6010-200.7(v173) 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	.15362	.25235	.35721	.21191	.40410	.18751	14.039	.40288
Stddev	.00058	.00060	.00150	.00167	.00178	.00300	.212	.00191
%RSD	.37494	.23849	.42065	.78903	.43973	1.5985	1.5082	.47337

#1	.15299	.25226	.35779	.20999	.40232	.18510	13.846	.40399
#2	.15377	.25179	.35551	.21270	.40412	.18656	14.005	.40068
#3	.15411	.25299	.35835	.21304	.40587	.19086	14.265	.40398

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	2.4686	.52770	.08831	.85575	.44694	.02553	.68891	.13634
Stddev	.0104	.00950	.00048	.00271	.00070	.00065	.01173	.00250
%RSD	.42134	1.7997	.54050	.31671	.15586	2.5589	1.7029	1.8316

#1	2.4622	.51823	.08780	.85531	.44774	.02483	.67692	.13373
#2	2.4629	.52764	.08875	.85328	.44662	.02563	.68946	.13660
#3	2.4806	.53723	.08837	.85865	.44646	.02613	.70036	.13870

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	.64474	.18785	.43364	.13471	4.0033	.15359	.41500	3.1106
Stddev	.00285	.00047	.00980	.00256	.0182	.00378	.00245	.0094
%RSD	.44234	.25192	2.2589	1.9019	.45546	2.4634	.59004	.30345

#1	.64536	.18806	.42324	.13204	4.0175	.14923	.41754	3.1010
#2	.64163	.18819	.43498	.13496	3.9827	.15598	.41480	3.1110
#3	.64723	.18731	.44270	.13715	4.0096	.15556	.41266	3.1199

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	.42377	.58711	.01065	.13221	.06711	1.6668	24.406	
Stddev	.00118	.00981	.00035	.00040	.00010	.0226	.385	
%RSD	.27744	1.6715	3.3031	.30570	.15623	1.3548	1.5786	

#1	.42450	.57844	.01026	.13188	.06700	1.6442	24.064	
#2	.42241	.58514	.01072	.13209	.06721	1.6669	24.331	
#3	.42439	.59776	.01096	.13266	.06712	1.6894	24.824	

Sample Name: S3 Acquired: 12/23/2019 12:23:20 Type: Cal
 Method: NON EPA-6010-200.7(v173) 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	1408.1	29751.	7974.4	1574.9	2548.7
Stddev	2.6	13.	51.7	6.6	7.3
%RSD	.18431	.04455	.64811	.42079	.28641
#1	1410.4	29765.	7915.7	1567.2	2544.2
#2	1408.7	29746.	7994.2	1578.8	2557.2
#3	1405.3	29740.	8013.2	1578.6	2544.8

Sample Name: S4 Acquired: 12/23/2019 12:27:07 Type: Cal
Method: NON EPA-6010-200.7(v173) 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	.29865	.49458	.70176	.40857	.78369	.36803	27.696	.77751
Stddev	.00140	.00133	.00500	.00180	.00145	.00534	.402	.00226
%RSD	.46803	.26810	.71190	.43938	.18516	1.4505	1.4507	.29067

#1	.29771	.49407	.70157	.41063	.78363	.36266	27.246	.77973
#2	.29799	.49358	.69686	.40732	.78227	.36810	27.823	.77759
#3	.30026	.49608	.70684	.40778	.78517	.37334	28.019	.77521

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	4.8825	1.0358	.17360	1.6664	.84404	.05038	1.3487	.26782
Stddev	.0179	.0169	.00054	.0070	.00411	.00116	.0205	.00627
%RSD	.36564	1.6336	.31018	.41835	.48727	2.3114	1.5175	2.3397

#1	4.8847	1.0169	.17298	1.6668	.84700	.04905	1.3260	.26065
#2	4.8636	1.0411	.17396	1.6592	.83934	.05090	1.3544	.27061
#3	4.8991	1.0495	.17386	1.6731	.84578	.05120	1.3658	.27222

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	1.2520	.37100	.86954	.26798	7.6672	.30914	.81681	6.0497
Stddev	.0040	.00224	.02174	.00413	.0244	.00886	.00329	.0133
%RSD	.31938	.60349	2.5002	1.5419	.31790	2.8675	.40307	.21929

#1	1.2502	.36842	.84522	.26392	7.6928	.29900	.81931	6.0610
#2	1.2492	.37226	.87630	.26785	7.6644	.31301	.81308	6.0351
#3	1.2566	.37232	.88709	.27218	7.6443	.31541	.81804	6.0531

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	.82978	1.1533	.02182	.26669	.13445	3.2787	47.358	
Stddev	.00398	.0144	.00081	.00087	.00057	.0471	1.079	
%RSD	.47905	1.2518	3.7263	.32683	.42758	1.4378	2.2792	

#1	.82959	1.1378	.02096	.26683	.13496	3.2249	46.208	
#2	.82591	1.1558	.02193	.26576	.13383	3.2989	47.517	
#3	.83385	1.1664	.02258	.26748	.13457	3.3125	48.349	

Sample Name: S4 Acquired: 12/23/2019 12:27:07 Type: Cal
Method: NON EPA-6010-200.7(v173) 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	1362.1	28565.	7728.5	1519.1	2407.5
Stddev	2.4	76.	33.8	9.9	7.8
%RSD	.17632	.26602	.43678	.64864	.32276
#1	1359.4	28640.	7689.7	1508.2	2403.8
#2	1364.0	28568.	7744.9	1521.5	2416.5
#3	1362.9	28488.	7750.9	1527.5	2402.3

Sample Name: S5 Acquired: 12/23/2019 12:30:58 Type: Cal
Method: NON EPA-6010-200.7(v173) 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	.59392	.97589	1.4033	.81052	1.5515	.71231	52.636	1.4907
Stddev	.00439	.00237	.0023	.00495	.0084	.00945	1.754	.0017
%RSD	.73931	.24333	.16160	.61117	.54296	1.3263	3.3329	.11619

#1	.59208	.97443	1.4017	.80902	1.5492	.70302	50.711	1.4911
#2	.59074	.97460	1.4022	.80649	1.5445	.71202	53.053	1.4888
#3	.59893	.97863	1.4059	.81605	1.5609	.72190	54.145	1.4922

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	9.7697	2.0015	.33993	3.3218	1.6446	.09917	2.5655	.52437
Stddev	.0199	.0313	.00183	.0084	.0071	.00163	.0351	.00847
%RSD	.20354	1.5641	.53964	.25325	.43256	1.6422	1.3673	1.6151

#1	9.7646	1.9697	.33785	3.3160	1.6428	.09735	2.5275	.51631
#2	9.7529	2.0025	.34133	3.3180	1.6385	.09967	2.5724	.52361
#3	9.7917	2.0323	.34059	3.3315	1.6524	.10049	2.5966	.53320

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	2.4848	.73046	1.7378	.52002	14.884	.61930	1.5629	11.874
Stddev	.0049	.00447	.0262	.00578	.077	.01050	.0053	.046
%RSD	.19847	.61193	1.5092	1.1117	.52041	1.6961	.33851	.39088

#1	2.4803	.72634	1.7078	.51400	14.804	.60718	1.5659	11.865
#2	2.4840	.73521	1.7494	.52053	14.959	.62557	1.5568	11.832
#3	2.4901	.72981	1.7562	.52553	14.890	.62517	1.5660	11.924

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	1.6560	2.2233	.04258	.54837	.27586	6.3614	91.834	
Stddev	.0042	.0239	.00154	.00183	.00051	.0640	1.922	
%RSD	.25198	1.0750	3.6159	.33385	.18376	1.0059	2.0924	

#1	1.6545	2.1991	.04089	.54748	.27544	6.2932	89.868	
#2	1.6529	2.2240	.04294	.54716	.27573	6.3710	91.927	
#3	1.6608	2.2468	.04390	.55047	.27642	6.4201	93.708	

Sample Name: S5 Acquired: 12/23/2019 12:30:58 Type: Cal
Method: NON EPA-6010-200.7(v173) 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	1338.8	28387.	7839.3	1506.5	2305.2
Stddev	6.0	116.	15.4	8.3	5.7
%RSD	.44826	.40808	.19580	.54874	.24556
#1	1339.4	28512.	7841.5	1514.8	2306.5
#2	1344.5	28284.	7853.4	1498.2	2310.1
#3	1332.5	28364.	7823.0	1506.6	2299.0

Sample Name: ICV01 Acquired: 12/23/2019 12:34:55 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9982992	.9956386	1.005631	.9384531	1.008552	2.512438
Stddev	.0071555	.0064412	.008948	.0071809	.006106	.027054
%RSD	.7167699	.6469468	.8898346	.7651817	.6054551	1.076805

#1	.9956838	.9884986	.997851	.9315539	1.004290	2.481841
#2	.9928193	1.001013	1.003631	.9458859	1.005818	2.533195
#3	1.006394	.997404	1.015410	.9379197	1.015547	2.522278

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5180120	.5014044	.5036047	9.866112	.5178270	.5126807
Stddev	.0072889	.0027424	.0028464	.173722	.0046899	.0028921
%RSD	1.407097	.5469394	.5651959	1.760799	.9056839	.5641153

#1	.5108567	.5003473	.5007817	9.700559	.5135437	.5100314
#2	.5177517	.4993479	.5035584	9.850787	.5170989	.5122445
#3	.5254276	.5045180	.5064739	10.04699	.5228383	.5157661

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5263056	9.803745	.5177487	5.846197	.5132489	.2496298
Stddev	.0026764	.187255	.0099082	.106365	.0030349	.0025540
%RSD	.5085321	1.910038	1.913711	1.819395	.5913190	1.023096

#1	.5245030	9.610068	.5077246	5.724674	.5100995	.2471841
#2	.5250328	9.817327	.5179846	5.891536	.5134926	.2494257
#3	.5293809	9.983839	.5275368	5.922380	.5161547	.2522797

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.660056	.4948503	1.011716	9.619542	2.466872	2.566044
Stddev	.209197	.0129927	.001037	.192512	.007163	.036679
%RSD	2.165588	2.625582	.1024738	2.001260	.2903608	1.429383

#1	9.434656	.4845020	1.011473	9.397707	2.462330	2.531513
#2	9.697525	.4906173	1.012853	9.718095	2.463157	2.562072
#3	9.847986	.5094317	1.010823	9.742823	2.475129	2.604547

Sample Name: ICV01 Acquired: 12/23/2019 12:34:55 Type: Unk
 Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.463585	2.447461	2.300209	F .5694555	F .5857650	F .5624629
Stddev	.028380	.035440	.072742	.0023434	.0069488	.0139371
%RSD	1.151972	1.448050	3.162428	.4115115	1.186283	2.477876

#1	2.438052	2.409398	2.218229	.5694782	.5935526	.5498272
#2	2.458561	2.453477	2.325359	.5717874	.5801975	.5601496
#3	2.494141	2.479508	2.357040	.5671008	.5835447	.5774120

Elem	Sr4077
Units	ppm
Avg	F .5837558
Stddev	.0116679
%RSD	1.998771

#1	.5717117
#2	.5845487
#3	.5950071

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1399.668	29337.35	7913.708	1558.044	2567.990
Stddev	4.357	110.95	33.382	4.792	5.707
%RSD	.3112800	.3781870	.4218224	.3075959	.2222469

#1	1397.947	29373.43	7898.166	1553.532	2562.313
#2	1404.623	29425.76	7952.026	1563.075	2573.728
#3	1396.435	29212.85	7890.930	1557.523	2567.930

Sample Name: LLICV01 Acquired: 12/23/2019 12:38:42 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208681	.0415120	.0126941	.0160798	.0534685	.1009565
Stddev	.0018852	.0008102	.0030741	.0031065	.0009587	.0024929
%RSD	9.033753	1.951648	24.21655	19.31951	1.793082	2.469289

#1	.0229640	.0419613	.0110134	.0124931	.0528433	.0988553
#2	.0203291	.0405768	.0108268	.0178258	.0529899	.1003033
#3	.0193111	.0419981	.0162420	.0179205	.0545723	.1037110

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1066806	.0067209	.0063120	2.119874	.0106620	.0314919
Stddev	.0016346	.0001436	.0001654	.029600	.0002632	.0002090
%RSD	1.532244	2.137129	2.620500	1.396327	2.468294	.6637451

#1	.1051013	.0065561	.0062056	2.088999	.0106880	.0313024
#2	.1065751	.0068195	.0065026	2.122613	.0109113	.0314571
#3	.1083654	.0067871	.0062279	2.148010	.0103869	.0317161

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218985	.0913947	.0223874	2.100488	.0427237	.0104910
Stddev	.0004582	.0009374	.0003133	.025658	.0005722	.0005125
%RSD	2.092355	1.025676	1.399248	1.221519	1.339284	4.885242

#1	.0223821	.0904291	.0225366	2.071287	.0425163	.0099967
#2	.0214709	.0914537	.0220275	2.110752	.0422841	.0110199
#3	.0218424	.0923012	.0225982	2.119425	.0433706	.0104563

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.025838	.0435070	.0445779	1.959646	.0957678	.2149513
Stddev	.036475	.0013411	.0002977	.014561	.0018832	.0004284
%RSD	1.800485	3.082586	.6678024	.7430565	1.966436	.1993245

#1	1.985624	.0422330	.0444286	1.953769	.0978427	.2144702
#2	2.056787	.0433817	.0443843	1.948941	.0941668	.2152918
#3	2.035102	.0449065	.0449207	1.976227	.0952938	.2150919

Sample Name: LLICV01 Acquired: 12/23/2019 12:38:42 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0387576	.0410219	.3699512	.0203027	F .0085603	F .0127773
Stddev	.0009137	.0017094	.0150465	.0008215	.0071468	.0009703
%RSD	2.357518	4.167018	4.067155	4.046104	83.48765	7.593791

#1	.0393230	.0401799	.3532894	.0207134	.0053512	.0119596
#2	.0377035	.0398968	.3825465	.0208379	.0167491	.0138495
#3	.0392465	.0429890	.3740177	.0193569	.0035805	.0125230

Elem	Sr4077
Units	ppm
Avg	.0219097
Stddev	.0003057
%RSD	1.395444

#1	.0215708
#2	.0219935
#3	.0221647

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1442.977	30028.08	7974.672	1601.268	2703.272
Stddev	10.735	153.29	22.907	3.945	17.571
%RSD	.7439577	.5104766	.2872414	.2463533	.6499801

#1	1455.273	29893.91	7949.760	1598.166	2722.726
#2	1438.194	29995.18	7994.826	1605.708	2698.534
#3	1435.465	30195.14	7979.429	1599.930	2688.556

Sample Name: ICB01 Acquired: 12/23/2019 12:43:35 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032947	-.001343	.0001489	-.000717	-.001005	-.004817
Stddev	.0028572	.001862	.0016979	.003025	.001142	.016755
%RSD	86.72221	138.6216	1140.174	421.6486	113.6589	347.7867

#1	.0048862	-.000399	-.000576	.001812	-.002310	-.012236
#2	.0050018	-.000143	.002089	.000104	-.000515	-.016582
#3	-.000004	-.003487	-.001066	-.004068	-.000190	.014366

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002874	.0000063	.0000639	.0057272	.0005566	.0001238
Stddev	.0005011	.0000826	.0002046	.0104064	.0009110	.0001957
%RSD	174.3593	1317.676	320.3919	181.7032	163.6558	158.1165

#1	-.000138	.0000500	-.000167	.0090953	.0011675	.0001175
#2	.000160	.0000577	.000135	-.005946	.0009928	-.000069
#3	.000840	-.000089	.000224	.014032	-.000490	.000323

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000708	-.005975	.0002624	-.007067	.0008399	.0000343
Stddev	.000921	.001978	.0004353	.024736	.0003831	.0001920
%RSD	130.1201	33.11285	165.8860	350.0053	45.60711	559.9526

#1	-.001750	-.003714	-.000072	-.005512	.0007816	-.000082
#2	-.000007	-.006819	.000105	-.032544	.0012488	-.000071
#3	-.000365	-.007391	.000754	.016854	.0004894	.000256

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.017390	.0006678	-.001163	.0126770	F -.016754	.0004285
Stddev	.008879	.0031316	.000286	.0251385	.000667	.0001582
%RSD	51.05609	468.9557	24.57496	198.2997	3.980785	36.91228

#1	-.027639	.0029264	-.001409	-.013753	-.016975	.0002537
#2	-.012470	.0019840	-.000850	.015498	-.016005	.0005618
#3	-.012061	-.002907	-.001229	.036286	-.017283	.0004700

Sample Name: ICB01 Acquired: 12/23/2019 12:43:35 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000890	.0008191	-.015921	-.001291	-.005225	-.002448
Stddev	.000944	.0018394	.018299	.003513	.004259	.004168
%RSD	106.0750	224.5560	114.9365	272.0763	81.51803	170.2940

#1	-.001704	-.000424	-.037045	-.000277	-.000640	-.002036
#2	.000145	-.000051	-.005743	-.005200	-.009058	.001499
#3	-.001112	.002932	-.004974	.001603	-.005975	-.006806

Elem	Sr4077
Units	ppm
Avg	-.000006
Stddev	.000018
%RSD	288.3059

#1	-.000020
#2	.000014
#3	-.000013

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1416.056	29427.80	7799.932	1577.153	2677.038
Stddev	5.764	35.64	56.243	17.768	10.175
%RSD	.4070170	.1211022	.7210766	1.126564	.3800875

#1	1413.242	29397.19	7807.214	1597.654	2670.659
#2	1422.686	29419.29	7740.402	1567.584	2688.772
#3	1412.240	29466.93	7852.180	1566.221	2671.682

Sample Name: CRI01 Acquired: 12/23/2019 12:47:39 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203276	.0407913	.0107866	.0156284	.0507329	.1046334
Stddev	.0041278	.0020082	.0022765	.0020333	.0008226	.0150188
%RSD	20.30666	4.923053	21.10480	13.01003	1.621398	14.35376

#1	.0238752	.0398588	.0085580	.0138719	.0514852	.0907576
#2	.0213106	.0394190	.0131082	.0178558	.0508589	.1025624
#3	.0157970	.0430962	.0106935	.0151575	.0498546	.1205803

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1041597	.0063904	.0058587	2.084743	.0109762	.0305353
Stddev	.0020485	.0000621	.0000595	.055929	.0005448	.0000633
%RSD	1.966650	.9718306	1.015637	2.682776	4.963870	.2071418

#1	.1018009	.0064120	.0059014	2.020440	.0114237	.0305325
#2	.1051876	.0063204	.0058841	2.111718	.0103695	.0306000
#3	.1054907	.0064389	.0057908	2.122073	.0111354	.0304735

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203102	.0987273	.0216344	2.091533	.0413424	.0101672
Stddev	.0001787	.0061824	.0007637	.071927	.0001300	.0000659
%RSD	.8798719	6.262147	3.530122	3.438975	.3145244	.6482400

#1	.0204724	.0935686	.0209691	2.030572	.0412947	.0101149
#2	.0201187	.0970330	.0224683	2.073163	.0414895	.0101455
#3	.0203396	.1055802	.0214659	2.170864	.0412429	.0102413

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.001676	.0417701	.0426501	1.920356	.0832658	.2093123
Stddev	.047658	.0029198	.0004077	.039768	.0015199	.0010940
%RSD	2.380889	6.990075	.9558379	2.070875	1.825385	.5226465

#1	1.947412	.0384857	.0430246	1.877993	.0849816	.2088830
#2	2.036732	.0440713	.0422159	1.956885	.0820884	.2084980
#3	2.020885	.0427533	.0427097	1.926189	.0827273	.2105557

Sample Name: CRI01 Acquired: 12/23/2019 12:47:39 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0373976	.0399770	.3637750	.0193892	F .0092231	F .0107676
Stddev	.0010142	.0006890	.0118637	.0015011	.0019223	.0031150
%RSD	2.711873	1.723357	3.261274	7.741892	20.84217	28.92919

#1	.0373896	.0400600	.3504959	.0179241	.0077584	.0075130
#2	.0363874	.0392504	.3674999	.0193197	.0113998	.0110685
#3	.0384157	.0406207	.3733293	.0209239	.0085110	.0137211

Elem	Sr4077
Units	ppm
Avg	.0215129
Stddev	.0004633
%RSD	2.153676

#1	.0210747
#2	.0214661
#3	.0219978

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1450.843	30049.98	8053.756	1612.478	2722.533
Stddev	5.148	56.89	23.678	5.108	11.983
%RSD	.3548419	.1893026	.2939972	.3168101	.4401487

#1	1453.953	30092.79	8049.190	1613.469	2732.390
#2	1453.676	29985.43	8079.384	1606.947	2726.015
#3	1444.901	30071.72	8032.694	1617.019	2709.195

Sample Name: ICSA01 Acquired: 12/23/2019 12:55:45 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.018554	.0199527	.0028681	.0007918	.0352737	262.9752
Stddev	.003773	.0013802	.0052069	.0036698	.0024963	4.2401
%RSD	20.33310	6.917387	181.5469	463.4834	7.076992	1.612374

#1	-.022418	.0201072	-.000873	.0047776	.0333055	258.0928
#2	-.018366	.0212492	.008815	.0000449	.0380816	265.1001
#3	-.014879	.0185018	.000662	-.002447	.0344340	265.7328

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069828	.0022633	.0041573	248.7737	.0583505	.0033628
Stddev	.0006750	.0002923	.0001799	5.2091	.0010340	.0009946
%RSD	9.666909	12.91626	4.327099	2.093913	1.772116	29.57654

#1	.0063431	.0021266	.0042275	242.7744	.0577190	.0045096
#2	.0076883	.0025989	.0039529	251.3973	.0577887	.0027348
#3	.0069168	.0020643	.0042915	252.1493	.0595438	.0028441

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001520	103.9900	.0142743	266.0596	.0270859	-.005648
Stddev	.001376	2.5982	.0002032	5.9999	.0011386	.000265
%RSD	90.47202	2.498532	1.423462	2.255097	4.203785	4.693298

#1	.000065	101.0212	.0144470	259.1548	.0280694	-.005803
#2	-.002234	105.1002	.0140504	269.0205	.0273497	-.005799
#3	-.002393	105.8488	.0143254	270.0036	.0258385	-.005342

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105831	-.010392	.0045518	-.017088	-.031770	-.014063
Stddev	.0117968	.001235	.0009052	.023245	.010259	.000469
%RSD	111.4682	11.88519	19.88653	136.0301	32.29265	3.337274

#1	-.002987	-.009773	.0054270	-.015095	-.041752	-.014327
#2	.016346	-.009589	.0036193	.005096	-.032304	-.014341
#3	.018390	-.011814	.0046089	-.041267	-.021254	-.013521

Sample Name: ICSA01 Acquired: 12/23/2019 12:55:45 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006963	-.001977	.0117110	F .0524902	F -.040211	F .0403767
Stddev	.000329	.000469	.0130638	.0022409	.003573	.0024041
%RSD	4.723521	23.71150	111.5516	4.269233	8.885091	5.954244

#1	-.007150	-.001453	.0008741	.0550656	-.037845	.0377704
#2	-.007156	-.002358	.0080419	.0514200	-.038466	.0425076
#3	-.006583	-.002118	.0262171	.0509850	-.044320	.0408519

Elem	Sr4077
Units	ppm
Avg	-.002204
Stddev	.001155
%RSD	52.40600

#1	-.001029
#2	-.003338
#3	-.002245

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1275.633	26426.88	7606.163	1417.672	2159.776
Stddev	5.211	140.50	47.561	5.815	3.959
%RSD	.4085356	.5316652	.6252913	.4101951	.1833058

#1	1280.627	26549.14	7598.182	1423.486	2162.591
#2	1276.044	26273.39	7563.098	1417.673	2161.488
#3	1270.229	26458.11	7657.210	1411.856	2155.249

Sample Name: ICSAB01 Acquired: 12/23/2019 12:59:45 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0903530	.0830498	.0567070	.0367100	.6452211	253.0174
Stddev	.0091333	.0023961	.0042900	.0023122	.0052990	4.3966
%RSD	10.10845	2.885183	7.565155	6.298452	.8212651	1.737676

#1	.0864499	.0826568	.0525326	.0377001	.6453823	247.9476
#2	.0838197	.0856182	.0611039	.0383622	.6504377	255.3215
#3	.1007893	.0808745	.0564845	.0340676	.6398434	255.7830

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5216484	.4957223	.9994161	238.9616	.5653222	.5042194
Stddev	.0092985	.0009523	.0040672	5.5029	.0049900	.0027078
%RSD	1.782518	.1920953	.4069547	2.302827	.8826775	.5370177

#1	.5109548	.4949955	.9959127	232.6617	.5596953	.5030224
#2	.5261603	.4968003	.9984592	241.3937	.5670616	.5023164
#3	.5278300	.4953710	1.003876	242.8294	.5692096	.5073193

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4879549	99.41955	.5035428	254.8565	1.013878	.2104447
Stddev	.0022789	2.44104	.0102514	6.3947	.005429	.0018364
%RSD	.4670223	2.455291	2.035851	2.509150	.5354673	.8726057

#1	.4905004	96.66009	.4919821	247.4978	1.008089	.2093945
#2	.4861046	100.3016	.5071202	258.0072	1.014688	.2093745
#3	.4872597	101.2970	.5115261	259.0645	1.018856	.2125651

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0179533	.4856131	1.033682	-.006202	.9930716	1.047103
Stddev	.0058786	.0097694	.001192	.038778	.0086885	.003002
%RSD	32.74408	2.011764	.1153359	625.2409	.8749159	.2867279

#1	.0154929	.4764050	1.034153	.023119	.9830901	1.044148
#2	.0246624	.4845738	1.032327	.008445	.9971859	1.047009
#3	.0137046	.4958607	1.034567	-.050170	.9989388	1.050150

Sample Name: ICSAB01 Acquired: 12/23/2019 12:59:45 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.059513	1.037158	1.037241	F .0535418	F -.040332	F .0352773
Stddev	.007095	.014300	.022532	.0032679	.005029	.0056171
%RSD	.6696930	1.378793	2.172297	6.103415	12.47014	15.92275

#1	1.056310	1.021492	1.025974	.0511556	-.043903	.0290406
#2	1.054584	1.040473	1.022565	.0522035	-.034580	.0368532
#3	1.067645	1.049510	1.063184	.0572664	-.042513	.0399382

Elem	Sr4077
Units	ppm
Avg	F -.001823
Stddev	.001114
%RSD	61.10034

#1	-.000676
#2	-.001893
#3	-.002900

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1300.123	27088.27	7777.949	1447.162	2202.145
Stddev	1.192	132.55	26.050	2.085	6.437
%RSD	.0916806	.4893230	.3349210	.1440474	.2923188

#1	1300.256	27241.18	7797.908	1449.557	2207.015
#2	1301.243	27006.04	7748.480	1445.751	2204.574
#3	1298.870	27017.59	7787.458	1446.179	2194.847

Sample Name: CCV01 Acquired: 12/23/2019 13:07:34 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.878422	4.946508	4.901798	4.942370	4.914236	9.693736	9.979454
Stddev	.013839	.009832	.010460	.015984	.020931	.127340	.158469
%RSD	.2836824	.1987691	.2133989	.3234178	.4259258	1.313631	1.587952

#1	4.866645	4.956522	4.913040	4.951951	4.924417	9.552755	9.797445
#2	4.893665	4.936868	4.892351	4.923917	4.890163	9.800402	10.05412
#3	4.874956	4.946135	4.900004	4.951241	4.928130	9.728049	10.08680

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2442141	2.452783	24.65718	1.012292	2.451773	1.229389	5.010372
Stddev	.0008888	.003237	.52183	.008567	.002223	.004161	.087153
%RSD	.3639527	.1319689	2.116330	.8463302	.0906721	.3384981	1.739454

#1	.2440777	2.450754	24.05510	1.011916	2.449791	1.228127	4.939903
#2	.2451633	2.456516	24.93752	1.003918	2.454177	1.226004	4.983385
#3	.2434014	2.451078	24.97892	1.021041	2.451352	1.234035	5.107826

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.445389	24.68011	2.456786	1.272867	24.87497	2.487791	2.501272
Stddev	.032384	.50278	.002972	.009744	.49940	.041496	.009482
%RSD	1.324286	2.037173	.1209772	.7654937	2.007630	1.667976	.3790671

#1	2.409144	24.10045	2.453386	1.272120	24.35842	2.440218	2.491310
#2	2.455545	24.94194	2.458085	1.263518	24.91127	2.516528	2.510186
#3	2.471477	24.99793	2.458888	1.282962	25.35524	2.506627	2.502319

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.37766	4.899946	4.928496	4.893280	4.915073	4.994299	4.908252
Stddev	.43045	.032852	.016616	.003561	.077935	.178740	.018098
%RSD	1.765759	.6704495	.3371343	.0727786	1.585634	3.578873	.3687314

#1	23.92485	4.908853	4.936784	4.893969	4.825536	4.834119	4.917836
#2	24.42656	4.927426	4.909366	4.896447	4.952010	4.961674	4.887377
#3	24.78157	4.863560	4.939336	4.889425	4.967672	5.187104	4.919543

Sample Name: CCV01 Acquired: 12/23/2019 13:07:34 Type: Unk
 Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.823263	4.766807	4.939514
Stddev	.007726	.070533	.139593
%RSD	.1601913	1.479677	2.826042

#1	4.831141	4.685518	4.779912
#2	4.822950	4.803089	4.999778
#3	4.815697	4.811815	5.038851

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1384.790	28599.90	7923.720	1525.434	2440.721
Stddev	2.833	128.00	35.884	5.498	2.287
%RSD	.2045992	.4475490	.4528692	.3604082	.0936933

#1	1382.326	28536.22	7908.991	1529.959	2440.261
#2	1387.886	28747.25	7897.543	1527.026	2438.700
#3	1384.158	28516.23	7964.625	1519.315	2443.204

Sample Name: LLCCV01 Acquired: 12/23/2019 13:15:57 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198305	.0386386	.0097226	.0161771	.0485940	.0975683
Stddev	.0019752	.0031196	.0021439	.0018805	.0013620	.0015756
%RSD	9.960165	8.073833	22.05056	11.62437	2.802815	1.614872

#1	.0214572	.0355404	.0087992	.0174739	.0501667	.0991050
#2	.0204016	.0385961	.0121735	.0170371	.0478133	.0959564
#3	.0176327	.0417792	.0081952	.0140204	.0478020	.0976434

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0977587	.0061675	.0056870	1.950887	.0097701	.0287789
Stddev	.0011276	.0000534	.0000618	.038242	.0003735	.0005727
%RSD	1.153411	.8650426	1.085914	1.960229	3.823074	1.990050

#1	.0964581	.0062291	.0056162	1.906957	.0094002	.0286751
#2	.0984610	.0061373	.0057294	1.968964	.0101471	.0282652
#3	.0983571	.0061361	.0057155	1.976738	.0097629	.0293964

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194179	.0964364	.0204400	1.939279	.0392694	.0096069
Stddev	.0003990	.0067260	.0005141	.071261	.0002063	.0000906
%RSD	2.054880	6.974542	2.515332	3.674621	.5254292	.9435849

#1	.0196919	.0999463	.0204308	1.862877	.0390522	.0095080
#2	.0189601	.0886814	.0199306	1.951018	.0392932	.0096860
#3	.0196017	.1006813	.0209587	2.003942	.0394627	.0096268

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.917256	.0391097	.0406185	1.811548	F .0705406	.1984732
Stddev	.025227	.0026867	.0007636	.022821	.0021167	.0009465
%RSD	1.315779	6.869536	1.879952	1.259775	3.000678	.4769016

#1	1.891246	.0374441	.0404000	1.795846	.0681646	.1974209
#2	1.918903	.0422091	.0399879	1.801070	.0712321	.1987440
#3	1.941619	.0376760	.0414675	1.837726	.0722251	.1992549

Sample Name: LLCCV01 Acquired: 12/23/2019 13:15:57 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0339645	.0395537	.3447767	.0200350	F .0073879	F .0100021
Stddev	.0002927	.0006336	.0127683	.0014322	.0066035	.0024234
%RSD	.8617582	1.601962	3.703364	7.148511	89.38248	24.22893

#1	.0338586	.0395554	.3314070	.0197101	.0017341	.0073049
#2	.0342954	.0389193	.3460793	.0187932	.0146456	.0107052
#3	.0337395	.0401865	.3568438	.0216018	.0057840	.0119962

Elem	Sr4077
Units	ppm
Avg	.0201156
Stddev	.0003644
%RSD	1.811455

#1	.0197147
#2	.0202055
#3	.0204267

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1449.603	29940.90	8088.757	1604.981	2723.120
Stddev	3.869	43.46	32.284	3.200	2.578
%RSD	.2668690	.1451440	.3991177	.1993584	.0946865

#1	1452.101	29989.29	8088.282	1601.689	2720.323
#2	1451.560	29905.18	8056.714	1605.174	2725.402
#3	1445.147	29928.25	8121.276	1608.079	2723.635

Sample Name: CCB01 Acquired: 12/23/2019 13:20:01 Type: Unk
Method: NON EPA-6010-200.7(v173) 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	-.000748	-.002473	.0011513	.0013424	-.000385	-.007377	.0007566
Stddev	.001105	.001399	.0007723	.0007503	.000937	.016520	.0006661
%RSD	147.6537	56.55680	67.08013	55.89477	243.0473	223.9299	88.04686

#1	-.001159	-.002276	.0010153	.0019769	-.000332	.011339	.0000197
#2	-.001589	-.003960	.0019826	.0005142	-.001347	-.013543	.0013160
#3	.000503	-.001183	.0004561	.0015360	.000524	-.019927	.0009340

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000610	-.000129	-.002274	-.000007	.0000509	-.001298	-.005372
Stddev	.0000978	.000257	.005504	.000185	.0003789	.000552	.006332
%RSD	160.3327	199.1741	242.0485	2661.974	744.6889	42.50600	117.8844

#1	.0000365	-.000103	-.008604	.000157	-.000343	-.001349	-.006416
#2	.0001687	.000114	.001382	.000029	.000083	-.001822	-.011117
#3	-.000022	-.000399	.000400	-.000207	.000413	-.000722	.001418

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000348	-.039469	.0001038	-.000409	-.012978	-.000058	-.000730
Stddev	.000154	.011163	.0005572	.000691	.010805	.003464	.000799
%RSD	44.22308	28.28285	536.6199	168.9833	83.25940	5949.016	109.5253

#1	-.000295	-.048419	-.000178	.000060	-.000512	.003014	-.000591
#2	-.000522	-.026961	-.000256	-.000084	-.018752	.000624	-.000009
#3	-.000228	-.043028	.000746	-.001202	-.019669	-.003813	-.001589

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183153	-.026149	.0000713	-.000954	.0011328	-.008891	-.001167
Stddev	.0871576	.000771	.0003669	.000729	.0010774	.011047	.001806
%RSD	475.8735	2.947819	514.4288	76.36427	95.10671	124.2527	154.7285

#1	-.070973	-.026342	.0000996	-.001095	-.000058	-.001906	-.000340
#2	.022746	-.026805	.0004232	-.000165	.001417	-.003139	.000077
#3	.103173	-.025300	-.000309	-.001602	.002040	-.021627	-.003239

Sample Name: CCB01 Acquired: 12/23/2019 13:20:01 Type: Unk
 Method: NON EPA-6010-200.7(v173) 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	-.004518	-.006697	-.000111
Stddev	.004251	.003525	.000049
%RSD	94.10644	52.63407	44.05831

#1	-.005781	-.008319	-.000151
#2	.000222	-.002653	-.000126
#3	-.007994	-.009120	-.000056

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1426.563	29213.47	7913.267	1568.872	2700.148
Stddev	7.632	100.14	59.389	7.160	16.626
%RSD	.5349752	.3427865	.7505030	.4563652	.6157256

#1	1425.730	29327.05	7871.651	1562.637	2697.687
#2	1434.577	29175.45	7886.873	1567.286	2717.866
#3	1419.382	29137.91	7981.279	1576.691	2684.890

Sample Name: LR CHECK 1 Acquired: 12/23/2019 13:48:07 Type: Unk
 Method: NON EPA-6010-200.7(v173) 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	-.062053	.3410219	.2904034	-.617484	.1714065	2020.945	.0100303
Stddev	.002703	.0035696	.0104768	.009893	.0223682	15.879	.0003090
%RSD	4.355511	1.046727	3.607654	1.602155	13.04980	.7857078	3.080994

#1	-.065009	.3369101	.2938798	-.617285	.1505174	2003.565	.0102651
#2	-.061440	.3433257	.2987001	-.607692	.1950067	2034.693	.0096802
#3	-.059709	.3428299	.2786304	-.627475	.1686956	2024.576	.0101455

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175439	.0636286	1698.742	.1400254	.0299404	.0320709	912.5472
Stddev	.0004954	.0007483	17.105	.0007034	.0011705	.0023962	3.1083
%RSD	2.823603	1.176115	1.006897	.5023511	3.909568	7.471586	.3406222

#1	.0180475	.0627879	1679.094	.1392464	.0312597	.0300405	909.9627
#2	.0170571	.0638757	1710.310	.1402158	.0295351	.0314582	915.9963
#3	.0175271	.0642221	1706.822	.1406140	.0290263	.0347140	911.6826

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060457	1832.654	.3162386	.1072398	1950.021	-.097366	.1936507
Stddev	.0006360	4.808	.0022183	.0009738	19.638	.002900	.0015759
%RSD	10.51927	.2623778	.7014711	.9080889	1.007051	2.978816	.8137664

#1	.0057410	1827.423	.3149186	.1075313	1934.944	-.095452	.1920804
#2	.0056195	1836.881	.3187997	.1080346	1972.228	-.100703	.1936396
#3	.0067767	1833.657	.3149975	.1061535	1942.892	-.095944	.1952321

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	982.5738	.1542627	-.032638	-.052644	-.046838	.0295985	.4247559
Stddev	6.6263	.0159587	.001745	.004409	.001803	.0166757	.0051532
%RSD	.6743793	10.34514	5.346619	8.374495	3.850144	56.33966	1.213205

#1	981.1127	.1482715	-.033591	-.051500	-.048319	.0134077	.4197831
#2	989.8087	.1723500	-.033699	-.048920	-.047367	.0467201	.4244124
#3	976.8000	.1421667	-.030624	-.057511	-.044830	.0286676	.4300722

Sample Name: LR CHECK 1 Acquired: 12/23/2019 13:48:07 Type: Unk
 Method: NON EPA-6010-200.7(v173) 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	-.186076	.3549410	-.951617
Stddev	.015851	.0033750	.003214
%RSD	8.518818	.9508627	.3376957

#1	-.198804	.3512158	-.948934
#2	-.191102	.3558124	-.955178
#3	-.168320	.3577949	-.950738

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1076.328	21831.06	7280.124	1172.122	1614.560
Stddev	9.969	51.35	15.079	4.276	14.625
%RSD	.9262483	.2352071	.2071214	.3647816	.9058109

#1	1082.492	21827.03	7263.714	1171.217	1623.915
#2	1064.826	21781.85	7283.287	1176.778	1597.707
#3	1081.665	21884.31	7293.370	1168.372	1622.059

Sample Name: K6370-02 Acquired: 12/23/2019 13:56:30 Type: Unk
Method: NON EPA-6010-200.7(v173) 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	-.003006	-.002186	5.987167	-.001210	.0023399	.0314745	.1931171
Stddev	.001605	.001393	.031619	.003056	.0014956	.0043151	.0045310
%RSD	53.38092	63.72608	.5281051	252.4749	63.91776	13.70974	2.346246

#1	-.004854	-.000940	5.952084	.000973	.0028424	.0333650	.1879005
#2	-.002201	-.001929	5.995957	.000099	.0035196	.0265368	.1953787
#3	-.001964	-.003690	6.013461	-.004703	.0006578	.0345216	.1960721

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000653	.0035636	2.723807	-.002852	.0059775	1.718886	-.003226
Stddev	.0000535	.0001792	.045252	.000651	.0002194	.001597	.005745
%RSD	81.93008	5.029218	1.661356	22.82379	3.669825	.0929235	178.0982

#1	.0000051	.0036820	2.671559	-.002185	.0061068	1.718216	.000169
#2	.0000836	.0036514	2.750531	-.002886	.0057242	1.717734	-.009859
#3	.0001073	.0033574	2.749331	-.003486	.0061015	1.720710	.000013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1935011	.2100621	.0647554	-.000066	96.71878	.0000842	2.070788
Stddev	.0042832	.0176610	.0003158	.000240	2.27949	.0025865	.013273
%RSD	2.213534	8.407535	.4877025	365.7581	2.356823	3070.414	.6409423

#1	.1886259	.1939924	.0651196	-.000001	94.15079	.0029405	2.077861
#2	.1952177	.2289706	.0645891	-.000332	97.50265	-.000588	2.055477
#3	.1966598	.2072231	.0645575	.000136	98.50291	-.002100	2.079027

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3836922	-.001501	-.000751	.0001584	.0005522	.2305772	.0043404
Stddev	.0402881	.001941	.000140	.0005537	.0005079	.0163965	.0023032
%RSD	10.50010	129.2821	18.66559	349.4749	91.98368	7.111054	53.06382

#1	.3523589	.000689	-.000858	-.000047	.0008826	.2258960	.0067169
#2	.4291380	-.003006	-.000592	-.000263	.0008066	.2170304	.0041858
#3	.3695797	-.002187	-.000803	.000785	-.000033	.2488052	.0021184

Sample Name: K6370-02 Acquired: 12/23/2019 13:56:30 Type: Unk
 Method: NON EPA-6010-200.7(v173) 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	.4641224	-.005664	.0182192
Stddev	.0039605	.002409	.0003527
%RSD	.8533356	42.53528	1.936170

#1	.4628603	-.005124	.0178132
#2	.4609467	-.003570	.0183940
#3	.4685601	-.008297	.0184505

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1390.476	28554.79	7898.091	1535.366	2499.390
Stddev	4.054	36.59	25.045	6.915	6.324
%RSD	.2915345	.1281500	.3171047	.4504051	.2530074

#1	1388.893	28589.38	7903.273	1534.606	2503.656
#2	1387.452	28558.52	7870.860	1542.630	2492.125
#3	1395.082	28516.48	7920.140	1528.862	2502.390

Sample Name: LR CHECK 2 Acquired: 12/23/2019 14:00:29 Type: Unk
Method: NON EPA-6010-200.7(v173) 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	.0135392	-.035938	264.1363	.0311937	-.030341	-1.06024	96.20199
Stddev	.0121335	.002044	1.2876	.0072192	.003277	.00758	1.79559
%RSD	89.61788	5.688752	.4874902	23.14314	10.80103	.7149401	1.866482
#1	-.000389	-.033596	262.7896	.0255425	-.033471	-1.05224	94.12862
#2	.021814	-.037365	264.2640	.0287123	-.026934	-1.06731	97.23528
#3	.019193	-.036852	265.3554	.0393263	-.030617	-1.06118	97.24206
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000044	-.010993	.4107159	-.106017	-.002251	230.7307	.0339120
Stddev	.000031	.000133	.0092470	.001334	.000410	1.1027	.0292093
%RSD	71.04418	1.211078	2.251429	1.258127	18.22461	.4779156	86.13251
#1	-.000030	-.010967	.4115549	-.104477	-.001841	229.4617	.0249012
#2	-.000022	-.010875	.4010780	-.106770	-.002251	231.2744	.0102699
#3	-.000080	-.011137	.4195148	-.106804	-.002661	231.4558	.0665650
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.87292	.0191325	51.41908	.0159888	.3995914	-.167160	34.99739
Stddev	.59086	.0036514	.22681	.0008252	.0212750	.002286	.32909
%RSD	1.234229	19.08505	.4411003	5.161250	5.324177	1.367414	.9403245
#1	47.24789	.0209526	51.17924	.0166056	.3853659	-.169771	35.09144
#2	48.42233	.0149287	51.44789	.0150514	.3893591	-.166185	34.63152
#3	47.94853	.0215161	51.63011	.0163095	.4240492	-.165523	35.26922
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1422639	-.035763	.0124328	-.002944	-.007750	.0459433	.4589251
Stddev	.0212255	.000344	.0006165	.000900	.000573	.0155439	.0058874
%RSD	14.91979	.9623746	4.958967	30.57405	7.398225	33.83281	1.282869
#1	.1192351	-.036044	.0129589	-.003620	-.007361	.0632509	.4522047
#2	.1610431	-.035379	.0117544	-.003289	-.008409	.0331726	.4631735
#3	.1465135	-.035866	.0125850	-.001922	-.007481	.0414065	.4613970

Sample Name: LR CHECK 2 Acquired: 12/23/2019 14:00:29 Type: Unk
 Method: NON EPA-6010-200.7(v173) 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	.0560350	-.013149	.0061548
Stddev	.0038094	.003310	.0000840
%RSD	6.798212	25.17661	1.364127

#1	.0595468	-.013924	.0060697
#2	.0519852	-.009520	.0061572
#3	.0565730	-.016003	.0062376

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	942.2632	29556.04	8243.241	1360.965	2537.192
Stddev	4.5487	107.71	63.217	15.714	11.563
%RSD	.4827464	.3644268	.7668953	1.154631	.4557474

#1	947.3832	29647.95	8206.382	1360.878	2548.815
#2	940.7185	29582.66	8207.104	1376.723	2537.072
#3	938.6880	29437.52	8316.237	1345.295	2525.690

Sample Name: CCV02 Acquired: 12/23/2019 14:12:38 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.119639	5.166989	5.136391	5.259620	5.169746	9.876865	10.15772
Stddev	.017003	.018069	.020794	.018145	.012706	.195954	.21638
%RSD	.3321200	.3496932	.4048416	.3449828	.2457779	1.983974	2.130247

#1	5.111211	5.155354	5.125946	5.246536	5.166149	9.676444	10.08806
#2	5.108496	5.157808	5.122891	5.251990	5.159225	9.886127	9.98474
#3	5.139210	5.187805	5.160338	5.280334	5.183862	10.06802	10.40035

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2467494	2.572797	25.59350	1.065672	2.560392	1.280009	5.411639
Stddev	.0032267	.014692	.53038	.003578	.014330	.004262	.107113
%RSD	1.307694	.5710639	2.072336	.3357803	.5596728	.3330047	1.979310

#1	.2467312	2.562649	25.07055	1.066396	2.554862	1.276907	5.288007
#2	.2435317	2.566097	25.57893	1.068833	2.549651	1.278251	5.476552
#3	.2499851	2.589645	26.13102	1.061787	2.576663	1.284869	5.470358

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.522937	25.74137	2.566096	1.345653	26.50151	2.593530	2.604521
Stddev	.053112	.50588	.013794	.005019	.44553	.061870	.012891
%RSD	2.105175	1.965254	.5375503	.3729656	1.681140	2.385548	.4949494

#1	2.461826	25.15741	2.554829	1.344945	25.98709	2.522558	2.589680
#2	2.549018	26.02068	2.561980	1.350988	26.76348	2.621938	2.612935
#3	2.557966	26.04602	2.581480	1.341025	26.75396	2.636095	2.610949

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.67420	4.934898	5.148730	5.120962	5.084098	5.401194	5.211651
Stddev	.51873	.046380	.023780	.026892	.118851	.226886	.030996
%RSD	2.020439	.9398277	.4618638	.5251437	2.337693	4.200664	.5947450

#1	25.07864	4.944377	5.125344	5.109346	4.962108	5.141644	5.189196
#2	25.91662	4.884511	5.147961	5.101829	5.090646	5.500104	5.198741
#3	26.02733	4.975806	5.172885	5.151710	5.199538	5.561834	5.247015

Sample Name: CCV02 Acquired: 12/23/2019 14:12:38 Type: Unk
 Method: NON EPA-6010-200.7(v173) 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	5.090589	4.766982	5.165410
Stddev	.034451	.115554	.185137
%RSD	.6767573	2.424043	3.584176

#1	5.062553	4.660056	4.958307
#2	5.080165	4.751324	5.223061
#3	5.129048	4.889566	5.314863

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1365.497	27833.31	8020.002	1498.202	2401.433
Stddev	3.492	59.12	73.793	2.368	8.835
%RSD	.2557529	.2124206	.9201075	.1580845	.3679218

#1	1369.380	27765.07	7992.896	1500.673	2407.010
#2	1364.498	27869.12	8103.514	1497.979	2406.042
#3	1362.613	27865.74	7963.595	1495.952	2391.246

Sample Name: CCB02 Acquired: 12/23/2019 14:16:34 Type: Unk
Method: NON EPA-6010-200.7(v173) 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	.0031742	.0019981	.0035093	-.001838	-.002987	-.012287
Stddev	.0030063	.0015116	.0012993	.001350	.001891	.000311
%RSD	94.71128	75.65162	37.02543	73.42452	63.32101	2.527844

#1	.0042032	.0012027	.0029193	-.002869	-.003596	-.012605
#2	-.000212	.0037413	.0026097	-.002336	-.004498	-.011984
#3	.005531	.0010503	.0049990	-.000310	-.000866	-.012272

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010361	-.000019	-.000043	.0019340	.0007234	.0000479
Stddev	.0005713	.000053	.000044	.0047318	.0009959	.0004212
%RSD	55.14307	273.2894	102.8281	244.6678	137.6598	880.1251

#1	.0005200	-.000077	-.000006	.0028343	.0016379	-.000415
#2	.0009382	-.000009	-.000092	-.003183	.0008699	.000409
#3	.0016500	.000028	-.000031	.006151	-.000338	.000149

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002156	-.002875	.0006439	-.015518	.0009886	-.000912
Stddev	.0001749	.001959	.0002106	.021925	.0001069	.000256
%RSD	81.11479	68.12514	32.70754	141.2806	10.81697	28.01906

#1	.0000137	-.003372	.0007932	.000306	.0008950	-.001125
#2	.0003144	-.000716	.0004030	-.006317	.0011052	-.000629
#3	.0003188	-.004538	.0007354	-.040544	.0009655	-.000983

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0451302	.0019227	-.000257	.0259177	-.022601	.0012489
Stddev	.0071985	.0021506	.000415	.0096737	.001739	.0006631
%RSD	15.95053	111.8491	161.0704	37.32460	7.694002	53.09786

#1	.0532168	.0032214	-.000300	.0349556	-.020595	.0017149
#2	.0427525	-.000560	.000177	.0270834	-.023513	.0015419
#3	.0394214	.003106	-.000649	.0157139	-.023693	.0004897

Sample Name: CCB02 Acquired: 12/23/2019 14:16:34 Type: Unk
Method: NON EPA-6010-200.7(v173) 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	-.000612	.0015425	-.005765	-.000127	-.005345	F -.014217
Stddev	.001061	.0007996	.017723	.004193	.001728	.001296
%RSD	173.5537	51.83831	307.4087	3291.637	32.32298	9.118577

#1	-.001204	.0009236	.014017	-.004459	-.006978	-.013956
#2	.000614	.0012586	-.020196	.000165	-.005521	-.013070
#3	-.001245	.0024453	-.011117	.003912	-.003536	-.015623

Elem	Sr4077
Units	ppm
Avg	.0001420
Stddev	.0001926
%RSD	135.6049

#1	.0003634
#2	.0000125
#3	.0000503

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1415.357	28612.40	8123.425	1547.004	2670.043
Stddev	4.864	70.91	51.648	8.733	5.807
%RSD	.3436464	.2478146	.6357891	.5645150	.2174970

#1	1413.769	28546.51	8154.719	1556.972	2665.710
#2	1420.816	28603.26	8151.745	1540.701	2676.641
#3	1411.485	28687.43	8063.812	1543.338	2667.776

Sample Name: PB125668BS Acquired: 12/23/2019 14:23:49 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB125668BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7586983	2.022582	.9743139	1.841567	.7842098	1.963662
Stddev	.0048114	.007948	.0016139	.005281	.0027580	.027827
%RSD	.6341704	.3929459	.1656440	.2867726	.3516918	1.417079

#1	.7642008	2.013422	.9725421	1.844705	.7833841	1.945028
#2	.7566119	2.026680	.9746997	1.835470	.7819588	1.950309
#3	.7552823	2.027645	.9757000	1.844527	.7872863	1.995648

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2091864	.1876018	.1905349	1.026148	.4227735	.1970337
Stddev	.0029752	.0009761	.0006698	.025561	.0007911	.0012803
%RSD	1.422261	.5203310	.3515274	2.490932	.1871151	.6498048

#1	.2058853	.1873681	.1901202	.996789	.4229349	.1977280
#2	.2100130	.1867637	.1901769	1.038202	.4234714	.1955561
#3	.2116609	.1886736	.1913076	1.043452	.4219141	.1978168

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3072121	3.186119	.2021258	2.001334	.4947506	.0741694
Stddev	.0007032	.068682	.0042888	.069764	.0001941	.0008492
%RSD	.2288986	2.155665	2.121839	3.485899	.0392229	1.144873

#1	.3064899	3.107706	.1971819	1.938727	.4948638	.0741920
#2	.3072517	3.215041	.2043485	2.076539	.4948615	.0750071
#3	.3078946	3.235610	.2048469	1.988736	.4945265	.0733092

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.152328	.3055277	.2066125	9.911335	.2540829	.4065080
Stddev	.053663	.0076929	.0024626	.184702	.0023086	.0008647
%RSD	1.702333	2.517889	1.191919	1.863539	.9086095	.2127192

#1	3.091588	.2969927	.2048142	9.698172	.2516149	.4064278
#2	3.193314	.3076631	.2056040	10.02390	.2544442	.4056861
#3	3.172082	.3119272	.2094193	10.01194	.2561895	.4074100

Sample Name: PB125668BS Acquired: 12/23/2019 14:23:49 Type: Unk
 Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: PB125668BS Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6952379	.1957434	.9052292	5.467800	F -.013778	.1803606
Stddev	.0029041	.0042971	.0226983	.011429	.003876	.0034357
%RSD	.4177071	2.195248	2.507461	.2090304	28.13284	1.904880

#1	.6983330	.1907848	.8794487	5.454762	-.016159	.1777896
#2	.6948079	.1980682	.9222103	5.472549	-.009306	.1790296
#3	.6925729	.1983772	.9140286	5.476089	-.015870	.1842626

Elem	Sr4077
Units	ppm
Avg	.2074911
Stddev	.0026510
%RSD	1.277648

#1	.2044324
#2	.2089158
#3	.2091251

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1389.412	28438.89	7988.108	1511.492	2588.483
Stddev	2.633	171.31	31.991	7.119	7.434
%RSD	.1895283	.6023799	.4004793	.4710162	.2872065

#1	1386.421	28388.00	7954.600	1506.132	2580.911
#2	1390.431	28298.79	7991.396	1508.775	2588.769
#3	1391.383	28629.88	8018.327	1519.570	2595.771

Sample Name: PB125668BL Acquired: 12/23/2019 14:27:43 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB125668BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021207	-.002032	.0009071	-.001250	-.003695	-.007657
Stddev	.0029307	.003083	.0018966	.001395	.003236	.011876
%RSD	138.1969	151.6949	209.0972	111.6025	87.57212	155.0916

#1	.0036928	-.000008	-.000289	-.002317	-.007389	.001468
#2	-.001261	-.005580	.003094	.000329	-.002334	-.021085
#3	.003930	-.000509	-.000083	-.001761	-.001362	-.003356

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001527	-.000037	-.000271	.0059327	-.000390	-.000065
Stddev	.000540	.000103	.000163	.0057575	.000239	.000328
%RSD	35.40103	277.3344	60.33625	97.04585	61.34811	504.4652

#1	-.001974	.000043	-.000392	.0095375	-.000528	-.000199
#2	-.001680	-.000154	-.000085	.0089679	-.000527	-.000305
#3	-.000926	-.000000	-.000336	-.000707	-.000114	.000309

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000465	-.002755	.0001289	.0022202	-.000033	-.000493
Stddev	.000258	.007231	.0002198	.0270725	.000368	.000087
%RSD	55.52041	262.5024	170.4587	1219.400	1119.742	17.64223

#1	-.000392	-.003718	.0003712	-.007354	-.000089	-.000398
#2	-.000251	-.009456	.0000733	-.018764	-.000370	-.000568
#3	-.000752	.004910	-.000058	.032779	.000360	-.000514

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0418505	.0012821	-.000233	.0571490	-.029064	.0000759
Stddev	.0135576	.0019785	.000530	.0238325	.000279	.0002999
%RSD	32.39520	154.3190	227.2541	41.70242	.9586828	394.8738

#1	.0448979	-.000540	.000361	.0530166	-.029099	-.000207
#2	.0270286	.000999	-.000404	.0827774	-.029323	.000044
#3	.0536251	.003387	-.000656	.0356529	-.028769	.000391

Sample Name: PB125668BL Acquired: 12/23/2019 14:27:43 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB125668BL Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002167	.0008962	.0054065	.0005447	-.008405	F -.014325
Stddev	.001933	.0006676	.0038727	.0022237	.003532	.000430
%RSD	89.17946	74.49981	71.63016	408.2587	42.02047	3.001930

#1	-.000906	.0016548	.0034619	.0006623	-.004400	-.013829
#2	-.004392	.0006359	.0098661	-.001736	-.009742	-.014600
#3	-.001203	.0003979	.0028914	.002707	-.011073	-.014546

Elem	Sr4077
Units	ppm
Avg	-.000332
Stddev	.000057
%RSD	17.16941

#1	-.000307
#2	-.000292
#3	-.000397

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1418.949	29022.10	8231.754	1567.480	2686.864
Stddev	2.083	102.56	24.468	8.403	.889
%RSD	.1467951	.3533911	.2972332	.5360755	.0330913

#1	1416.549	29135.43	8229.079	1561.765	2686.306
#2	1420.004	28935.67	8257.449	1563.547	2686.396
#3	1420.292	28995.20	8208.733	1577.128	2687.889

Sample Name: PB125668TB Acquired: 12/23/2019 14:31:49 Type: Unk
Method: NON EPA-6010-200.7(v173) 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	.0004258	-.002640	-.001579	.0020669	.0005560	.0146578
Stddev	.0037107	.000658	.004356	.0033651	.0026346	.0238806
%RSD	871.4919	24.91084	275.9199	162.8131	473.8839	162.9203

#1	.0046838	-.002094	-.006373	-.001610	.0008451	-.009986
#2	-.001290	-.003370	-.000498	.004993	.0030341	.016266
#3	-.002117	-.002456	.002135	.002818	-.002211	.037694

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001100	-.000162	-.000124	.0112297	.0032470	.0000151
Stddev	.001120	.000146	.000150	.0111757	.0003395	.0002137
%RSD	101.8171	90.08553	121.2689	99.51964	10.45505	1415.193

#1	-.002086	.000002	.000023	-.000949	.0028767	.0002091
#2	-.001332	-.000278	-.000277	.021014	.0035435	.0000502
#3	.000118	-.000209	-.000118	.013624	.0033208	-.000214

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008988	.0145403	.0005314	-.015795	.0054652	.0008349
Stddev	.0002129	.0025430	.0001429	.026572	.0011189	.0000742
%RSD	23.69051	17.48957	26.90029	168.2292	20.47260	8.883910

#1	.0011319	.0118831	.0006885	.012663	.0057947	.0008496
#2	.0008498	.0147867	.0004965	-.039957	.0063823	.0009006
#3	.0007145	.0169512	.0004091	-.020091	.0042186	.0007545

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 299.0325	-.000596	.0062245	.0386806	-.022908	-.000037
Stddev	10.2186	.000679	.0004594	.0436554	.000563	.000177
%RSD	3.417233	113.9753	7.379791	112.8613	2.459394	485.5572

#1	287.5766	-.000071	.0059070	.0061845	-.022436	-.000187
#2	302.3127	-.001363	.0060152	.0883022	-.023532	-.000081
#3	307.2082	-.000353	.0067512	.0215550	-.022756	.000159

Sample Name: PB125668TB Acquired: 12/23/2019 14:31:49 Type: Unk
Method: NON EPA-6010-200.7(v173) 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	-.000918	.0008255	.0053457	.0002050	-.001839	F -.014766
Stddev	.000162	.0009918	.0141450	.0006032	.005233	.002403
%RSD	17.65183	120.1508	264.6084	294.2468	284.5727	16.27290

#1	-.000981	.0012133	-.007275	.0001640	-.000248	-.017315
#2	-.000734	-.000302	.020635	.0008277	-.007683	-.012543
#3	-.001039	.001565	.002677	-.000377	.002414	-.014439

Elem	Sr4077
Units	ppm
Avg	-.000307
Stddev	.000068
%RSD	22.18065

#1	-.000385
#2	-.000280
#3	-.000257

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1310.998	26647.52	8123.125	1437.385	2308.839
Stddev	2.680	55.72	113.122	11.167	3.039
%RSD	.2044293	.2091172	1.392590	.7769049	.1316397

#1	1308.066	26588.92	8209.008	1430.031	2305.552
#2	1311.606	26699.84	8165.417	1431.889	2311.548
#3	1313.321	26653.79	7994.951	1450.235	2309.418

Sample Name: K6386-02 Acquired: 12/23/2019 14:36:03 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: STOCKPILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006391	-.001005	-.001731	.0160604	.0043840	-.021025	.0466959
Stddev	.002766	.001586	.004810	.0036675	.0008415	.007208	.0005527
%RSD	43.27360	157.8747	277.8588	22.83580	19.19556	34.28450	1.183630

#1	-.004623	.000242	.003521	.0201608	.0051407	-.026633	.0463126
#2	-.009578	-.000466	-.005921	.0130932	.0034777	-.023549	.0464456
#3	-.004972	-.002790	-.002793	.0149272	.0045336	-.012894	.0473295

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000317	-.000359	13.92447	.0028738	.0007873	.0054563	.5861742
Stddev	.0000730	.000063	.25667	.0003710	.0002227	.0002386	.0069332
%RSD	230.4258	17.62563	1.843333	12.91038	28.29034	4.373228	1.182785

#1	.0000965	-.000391	13.63435	.0028491	.0005421	.0057176	.5883388
#2	-.000047	-.000400	14.01705	.0032566	.0009770	.0052500	.5784170
#3	.000046	-.000286	14.12201	.0025159	.0008427	.0054013	.5917669

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3659916	4.518358	.0088929	-.001232	229.2717	-.000466	.1017672
Stddev	.0046483	.097343	.0002240	.000492	4.1266	.003195	.0005170
%RSD	1.270058	2.154399	2.519159	39.93594	1.799880	686.2338	.5080571

#1	.3609096	4.409977	.0086384	-.001705	224.7972	-.003541	.1014328
#2	.3670371	4.546743	.0089800	-.001269	230.0902	-.000693	.1015060
#3	.3700281	4.598353	.0090603	-.000723	232.9277	.002838	.1023627

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.656318	.0107867	-.001639	-.001243	.0017297	.1878208	8.056296
Stddev	.050349	.0008422	.000097	.000785	.0021821	.0079212	.020680
%RSD	3.039815	7.807486	5.928918	63.18342	126.1541	4.217400	.2566992

#1	1.598598	.0116533	-.001727	-.002029	.0009983	.1946466	8.032527
#2	1.679150	.0107355	-.001655	-.000459	.0041835	.1791352	8.070168
#3	1.691206	.0099713	-.001534	-.001241	.0000073	.1896806	8.066192

Sample Name: K6386-02 Acquired: 12/23/2019 14:36:03 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: STOCKPILE Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.425058	-.012080	.0494993
Stddev	.008760	.001013	.0006597
%RSD	.6147349	8.387771	1.332792

#1	1.419608	-.011381	.0488600
#2	1.435163	-.013242	.0494601
#3	1.420402	-.011616	.0501777

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1317.493	26733.66	8060.876	1434.929	2354.182
Stddev	2.704	82.76	60.641	7.326	2.781
%RSD	.2052072	.3095664	.7522918	.5105590	.1181143

#1	1320.325	26642.69	8001.894	1431.286	2353.729
#2	1317.215	26753.79	8057.683	1430.139	2357.162
#3	1314.939	26804.49	8123.050	1443.363	2351.656

Sample Name: K6395-04 Acquired: 12/23/2019 14:40:08 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: WC Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005841	-.000881	-.003925	.0209144	.0051628	.0119274	.0615535
Stddev	.004222	.001303	.003148	.0026227	.0012960	.0185609	.0005371
%RSD	72.27960	147.7892	80.21643	12.54005	25.10165	155.6156	.8725052

#1	-.000978	.000528	-.000493	.0236665	.0041361	-.007178	.0609334
#2	-.008572	-.001130	-.006680	.0206330	.0047333	.013070	.0618702
#3	-.007973	-.002041	-.004601	.0184438	.0066190	.029891	.0618569

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001262	-.000082	20.02144	.0026406	.0014965	.0044683	.0276183
Stddev	.0000969	.000095	.28662	.0007117	.0004659	.0006244	.0019886
%RSD	76.76362	116.1739	1.431543	26.95170	31.13412	13.97449	7.200433

#1	.0000283	-.000098	19.69548	.0032319	.0010206	.0050409	.0292829
#2	.0002220	.000020	20.13483	.0018507	.0015172	.0045616	.0254161
#3	.0001284	-.000168	20.23402	.0028393	.0019518	.0038025	.0281560

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0540382	6.307032	.0059701	-.000549	261.4735	.0015058	.0333091
Stddev	.0010115	.134950	.0005701	.000615	7.4822	.0006825	.0007006
%RSD	1.871865	2.139678	9.548750	111.9564	2.861568	45.32734	2.103258

#1	.0529454	6.171761	.0065427	.000152	252.9235	.0015646	.0328321
#2	.0542274	6.307675	.0054026	-.000994	264.6729	.0007957	.0341134
#3	.0549417	6.441659	.0059650	-.000804	266.8242	.0021570	.0329818

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.191862	-.014426	-.002848	-.001247	.0001571	.3423198	.0380282
Stddev	.040675	.000141	.000268	.001222	.0017332	.0119762	.0022825
%RSD	3.412713	.9804434	9.396627	97.98005	1103.568	3.498537	6.002160

#1	1.152262	-.014526	-.003098	-.002402	.0011271	.3393800	.0403248
#2	1.233532	-.014264	-.002881	.000033	.0011880	.3554921	.0357601
#3	1.189792	-.014489	-.002566	-.001373	-.001844	.3320872	.0379996

Sample Name: K6395-04 Acquired: 12/23/2019 14:40:08 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: WC Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5257404	-.013046	.0674760
Stddev	.0054433	.003288	.0007402
%RSD	1.035351	25.20495	1.096954

#1	.5195163	-.011835	.0666448
#2	.5280946	-.016769	.0677192
#3	.5296103	-.010536	.0680639

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1329.924	26936.22	8181.447	1453.076	2337.346
Stddev	14.616	96.59	32.030	9.365	21.504
%RSD	1.099022	.3585831	.3914916	.6444808	.9200060

#1	1318.518	27016.31	8217.657	1451.837	2319.296
#2	1346.400	26963.41	8169.866	1444.392	2361.138
#3	1324.855	26828.95	8156.819	1462.998	2331.604

Sample Name: K6395-04DUP Acquired: 12/23/2019 14:44:19 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: WCDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006188	-.000022	-.004893	.0194608	.0065385	.0088507	.0599841
Stddev	.002517	.000990	.003585	.0038351	.0015862	.0110116	.0005578
%RSD	40.68061	4585.573	73.27364	19.70688	24.25985	124.4148	.9299775

#1	-.005219	-.001165	-.005007	.0162826	.0058936	.0209918	.0594438
#2	-.004299	.000543	-.001252	.0237206	.0053763	-.000491	.0605579
#3	-.009046	.000558	-.008419	.0183792	.0083456	.006051	.0599505

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000099	-.000144	19.83537	.0025562	.0012211	.0052061	.0296814
Stddev	.0000984	.000202	.32932	.0008147	.0002886	.0009449	.0023275
%RSD	990.9567	140.2834	1.660256	31.86988	23.63437	18.15073	7.841702

#1	-.000075	-.000354	19.45621	.0032189	.0012441	.0061546	.0322777
#2	.000118	-.000125	19.99979	.0016467	.0014976	.0042647	.0277818
#3	-.000013	.000048	20.05010	.0028031	.0009217	.0051991	.0289847

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538575	6.217339	.0064397	-.000571	260.0706	-.001410	.0329596
Stddev	.0006904	.101834	.0001494	.000414	7.2407	.003288	.0006387
%RSD	1.281930	1.637898	2.319941	72.45647	2.784139	233.1389	1.937676

#1	.0530937	6.099789	.0063306	-.000095	251.7749	.000444	.0332728
#2	.0540416	6.278691	.0066100	-.000840	265.1210	.000532	.0322248
#3	.0544372	6.273537	.0063786	-.000779	263.3158	-.005206	.0333811

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.202707	-.015210	-.003173	-.002265	.0021220	.3630080	.0357148
Stddev	.009982	.001127	.000265	.000995	.0003247	.0254295	.0014148
%RSD	.8299790	7.412599	8.354760	43.90229	15.30340	7.005231	3.961427

#1	1.209099	-.016413	-.003476	-.002239	.0023132	.3558426	.0349949
#2	1.191204	-.015040	-.002986	-.003273	.0023058	.3912515	.0348048
#3	1.207818	-.014177	-.003055	-.001284	.0017471	.3419299	.0373448

Sample Name: K6395-04DUP Acquired: 12/23/2019 14:44:19 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: WCDUP Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5207770	-.013133	.0670924
Stddev	.0085620	.003844	.0009387
%RSD	1.644072	29.27161	1.399160

#1	.5288778	-.014836	.0660085
#2	.5118184	-.008731	.0676343
#3	.5216348	-.015831	.0676346

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1325.406	26868.51	8228.921	1458.423	2338.624
Stddev	11.961	115.13	28.111	17.180	12.954
%RSD	.9024568	.4284839	.3416124	1.178016	.5539123

#1	1316.308	26908.89	8251.500	1473.202	2328.984
#2	1320.955	26738.63	8197.435	1439.573	2333.540
#3	1338.954	26958.01	8237.827	1462.495	2353.349

Sample Name: K6395-04LX5 Acquired: 12/23/2019 14:48:29 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV5397 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000081	-.000400	-.001371	.0061157	.0014359	-.000501	.0109713
Stddev	.002092	.001357	.001044	.0036676	.0003969	.012011	.0004897
%RSD	2581.795	339.0300	76.17088	59.97127	27.63823	2399.447	4.463727

#1	-.002163	-.001600	-.000175	.0051114	.0011731	-.010250	.0109230
#2	-.000101	.001073	-.002103	.0101808	.0018924	.012917	.0105075
#3	.002021	-.000673	-.001834	.0030548	.0012422	-.004169	.0114834

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000013	-.000065	3.901571	.0003351	.0000494	.0003974	.0076328
Stddev	.0000006	.0000007	.074608	.0008841	.0002161	.0006620	.0035017
%RSD	50.26900	10.54959	1.912244	263.8549	437.1198	166.6041	45.87731

#1	-.000016	-.000058	3.815425	.0001905	-.000161	.0010185	.0052451
#2	-.000017	-.000067	3.944006	.0012825	.000271	.0004728	.0116526
#3	-.000005	-.000071	3.945283	-.000468	.000039	-.000299	.0060006

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109114	1.223913	.0012076	-.000695	50.15566	-.000878	.0055442
Stddev	.0001626	.046833	.0001890	.000373	.64864	.001038	.0002859
%RSD	1.489840	3.826487	15.64705	53.60732	1.293261	118.3275	5.157162

#1	.0107598	1.189115	.0014256	-.001088	49.40681	.000148	.0057617
#2	.0108913	1.277161	.0011073	-.000651	50.51736	-.001928	.0052203
#3	.0110830	1.205464	.0010900	-.000347	50.54280	-.000853	.0056506

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2605793	-.027262	-.000952	-.001264	.0001473	.0709338	.0060801
Stddev	.0379054	.000694	.000356	.001592	.0008672	.0053115	.0013667
%RSD	14.54658	2.545947	37.42846	125.9702	588.5641	7.487990	22.47896

#1	.2754788	-.027139	-.000813	-.001082	-.000309	.0708459	.0075862
#2	.2887710	-.028009	-.000687	.000229	-.000396	.0762887	.0049188
#3	.2174880	-.026638	-.001358	-.002940	.001147	.0656668	.0057353

Sample Name: K6395-04LX5 Acquired: 12/23/2019 14:48:29 Type: Unk
 Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICV5397 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0936551	-.013385	.0128457
Stddev	.0072119	.002591	.0000782
%RSD	7.700510	19.35435	.6086064

#1	.0854398	-.016212	.0127647
#2	.0989431	-.012819	.0129207
#3	.0965825	-.011124	.0128518

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1377.296	28115.79	8241.730	1510.961	2520.831
Stddev	5.592	49.64	21.100	12.014	7.784
%RSD	.4060096	.1765395	.2560118	.7951467	.3087946

#1	1373.277	28065.29	8220.248	1497.629	2515.430
#2	1374.929	28117.58	8242.518	1520.950	2517.310
#3	1383.683	28164.51	8262.425	1514.304	2529.754

Sample Name: K6395-04MS Acquired: 12/23/2019 14:52:31 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: WCMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8052005	2.012596	.9972600	1.984986	.8145408	1.951893	.2676763
Stddev	.0056492	.007142	.0090579	.017347	.0027243	.014487	.0012313
%RSD	.7015872	.3548806	.9082776	.8739283	.3344540	.7422187	.4599851

#1	.8075124	2.004396	.9900720	1.971303	.8169106	1.939434	.2673310
#2	.7987621	2.015932	1.007434	2.004497	.8151475	1.948456	.2690433
#3	.8093270	2.017460	.994274	1.979159	.8115644	1.967790	.2666545

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1822821	.1967920	20.46711	.4304256	.2063899	.3053746	3.432131
Stddev	.0014606	.0005678	.24478	.0005755	.0003053	.0017440	.059605
%RSD	.8012750	.2885429	1.195961	.1336959	.1479185	.5710919	1.736666

#1	.1839684	.1964308	20.18895	.4309957	.2064505	.3071309	3.368169
#2	.1814598	.1964987	20.56276	.4298449	.2066603	.3036432	3.442104
#3	.1814179	.1974465	20.64962	.4304361	.2060588	.3053497	3.486120

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2500949	8.116760	.5156673	.0750313	254.1546	.3092102	.2559836
Stddev	.0029203	.085228	.0008477	.0010036	5.4180	.0045525	.0010371
%RSD	1.167655	1.050023	.1643966	1.337618	2.131769	1.472293	.4051280

#1	.2468706	8.018975	.5159829	.0752195	247.9095	.3062329	.2565702
#2	.2525619	8.156041	.5147071	.0759275	256.9561	.3069470	.2547862
#3	.2508522	8.175263	.5163120	.0739469	257.5983	.3144508	.2565945

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.98999	.2618448	.4172177	.7106124	.1969486	1.368204	6.219931
Stddev	.15879	.0024513	.0012174	.0013517	.0020169	.020483	.005626
%RSD	1.324379	.9361538	.2917902	.1902190	1.024066	1.497064	.0904500

#1	11.80779	.2641500	.4174283	.7096819	.1950249	1.345402	6.221236
#2	12.06331	.2621146	.4159087	.7121629	.1967735	1.385047	6.213767
#3	12.09888	.2592697	.4183160	.7099923	.1990473	1.374163	6.224790

Sample Name: K6395-04MS Acquired: 12/23/2019 14:52:31 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: WCMS Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4922853	.1849083	.2726506
Stddev	.0052274	.0030747	.0009418
%RSD	1.061862	1.662852	.3454082

#1	.4902499	.1813913	.2715893
#2	.4883818	.1862462	.2733865
#3	.4982242	.1870875	.2729760

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1307.631	26775.84	8056.653	1451.772	2312.950
Stddev	8.502	83.61	80.095	4.497	14.346
%RSD	.6501975	.3122575	.9941520	.3097256	.6202360

#1	1297.846	26695.80	7974.870	1447.111	2296.431
#2	1311.839	26769.12	8060.141	1456.083	2320.139
#3	1313.209	26862.61	8134.947	1452.122	2322.279

Sample Name: K6395-04MSD Acquired: 12/23/2019 14:56:32 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: WCMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8029099	2.012252	.9991229	1.995078	.8125836	1.944243	.2635980
Stddev	.0083082	.004173	.0032159	.000875	.0027237	.022673	.0040621
%RSD	1.034761	.2073760	.3218758	.0438546	.3351920	1.166156	1.541018

#1	.7972541	2.014529	1.000468	1.994095	.8116244	1.919102	.2589484
#2	.8124486	2.007435	.995453	1.995772	.8156571	1.950488	.2653876
#3	.7990270	2.014791	1.001448	1.995366	.8104692	1.963138	.2664581

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1786260	.1968914	20.32180	.4328750	.2063998	.3038884	3.468574
Stddev	.0006526	.0004608	.30523	.0011038	.0008100	.0018624	.016180
%RSD	.3653516	.2340155	1.501986	.2549915	.3924449	.6128466	.4664705

#1	.1778820	.1970573	19.98448	.4316136	.2057518	.3043011	3.455474
#2	.1788943	.1963707	20.40198	.4336643	.2061396	.3055098	3.486660
#3	.1791017	.1972462	20.57894	.4333469	.2073079	.3018543	3.463588

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2453329	8.015766	.5133878	.0752759	254.7945	.3077098	.2613274
Stddev	.0037878	.177892	.0019230	.0009095	11.3782	.0051604	.0017434
%RSD	1.543943	2.219277	.3745683	1.208244	4.465637	1.677025	.6671432

#1	.2409663	7.822891	.5111932	.0744504	241.7455	.3029584	.2614886
#2	.2472993	8.051007	.5141925	.0751265	259.9934	.3069713	.2595090
#3	.2477331	8.173399	.5147778	.0762509	262.6445	.3131996	.2629847

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.00409	.2497542	.4169508	.7121733	.1951705	1.393924	6.210363
Stddev	.10098	.0049883	.0004387	.0012701	.0019802	.024839	.019761
%RSD	.8412104	1.997274	.1052137	.1783355	1.014604	1.781970	.3181969

#1	11.89438	.2441189	.4170628	.7120421	.1930069	1.365633	6.191444
#2	12.02476	.2515393	.4164670	.7135038	.1968929	1.403984	6.208774
#3	12.09314	.2536043	.4173227	.7109739	.1956117	1.412156	6.230870

Sample Name: K6395-04MSD Acquired: 12/23/2019 14:56:32 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: WCMUSD Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4952324	.1760026	.2703543
Stddev	.0049137	.0051954	.0039391
%RSD	.9921915	2.951869	1.457001

#1	.4993203	.1702137	.2658316
#2	.4965958	.1775338	.2721975
#3	.4897810	.1802603	.2730339

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1301.119	26547.46	8168.850	1424.415	2302.645
Stddev	1.441	58.11	65.599	5.350	1.037
%RSD	.1107570	.2188843	.8030406	.3756121	.0450222

#1	1300.164	26613.25	8244.565	1419.611	2303.383
#2	1300.416	26503.18	8132.914	1423.453	2303.093
#3	1302.777	26525.94	8129.072	1430.181	2301.460

Sample Name: K6395-04A Acquired: 12/23/2019 15:00:35 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICB5397 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8043144	2.022361	.9946398	2.000606	.8168306	1.946355	.2650641
Stddev	.0015875	.002905	.0049226	.009723	.0048807	.043922	.0011501
%RSD	.1973711	.1436658	.4949163	.4859964	.5975159	2.256631	.4339031

#1	.8050768	2.022351	.9891186	2.004887	.8149630	1.901575	.2652260
#2	.8024896	2.025272	.9962301	1.989477	.8131595	1.948123	.2638415
#3	.8053769	2.019461	.9985707	2.007454	.8223693	1.989365	.2661246

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1786861	.1982900	20.49042	.4360882	.2079417	.3050034	3.507392
Stddev	.0019475	.0004274	.30420	.0013667	.0009332	.0014395	.074665
%RSD	1.089876	.2155416	1.484609	.3134063	.4487799	.4719790	2.128786

#1	.1794794	.1979187	20.14252	.4358715	.2070308	.3055688	3.422762
#2	.1764672	.1981942	20.62238	.4375503	.2078985	.3060743	3.563958
#3	.1801116	.1987572	20.70637	.4348427	.2088957	.3033669	3.535457

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2492558	8.152818	.5168105	.0760600	258.9599	.3087584	.2453864
Stddev	.0032465	.152121	.0013464	.0001477	6.2154	.0051851	.0016739
%RSD	1.302487	1.865874	.2605131	.1941646	2.400129	1.679350	.6821496

#1	.2455221	7.988983	.5178244	.0762251	252.2980	.3030242	.2460618
#2	.2514135	8.179878	.5152830	.0760142	264.6028	.3131170	.2466171
#3	.2508318	8.289594	.5173242	.0759406	259.9790	.3101341	.2434803

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.14924	.2499920	.4174864	.7143186	.1973199	1.425328	6.255218
Stddev	.21446	.0028499	.0009462	.0028972	.0026338	.029558	.022946
%RSD	1.765244	1.140006	.2266524	.4055914	1.334770	2.073780	.3668331

#1	11.96900	.2475314	.4168148	.7137014	.1944410	1.401411	6.254562
#2	12.38643	.2531147	.4185686	.7117798	.1979103	1.458374	6.232607
#3	12.09230	.2493298	.4170759	.7174747	.1996083	1.416199	6.278485

Sample Name: K6395-04A Acquired: 12/23/2019 15:00:35 Type: Unk
 Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICB5397 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4891027	.1803165	.2701022
Stddev	.0064654	.0036986	.0030644
%RSD	1.321886	2.051156	1.134527

#1	.4938625	.1768117	.2669832
#2	.4917038	.1799555	.2702145
#3	.4817419	.1841823	.2731089

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1300.496	26584.97	8193.748	1431.752	2298.728
Stddev	2.355	168.21	39.222	20.056	3.058
%RSD	.1810555	.6327211	.4786815	1.400798	.1330132

#1	1297.829	26514.06	8166.900	1412.251	2302.143
#2	1302.287	26463.83	8238.759	1452.320	2297.797
#3	1301.372	26777.02	8175.585	1430.686	2296.244

Sample Name: CCV03 Acquired: 12/23/2019 15:04:38 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.238429	5.163607	5.220143	5.354057	5.237868	9.502212
Stddev	.028990	.028037	.020139	.016768	.016933	.094442
%RSD	.5534064	.5429706	.3858001	.3131879	.3232783	.9938919

#1	5.207096	5.132739	5.202157	5.355996	5.228743	9.395769
#2	5.243893	5.170589	5.216370	5.336403	5.227455	9.534900
#3	5.264298	5.187493	5.241902	5.369771	5.257406	9.575967

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.968411	.2362607	2.538103	25.32925	1.078010	2.590090
Stddev	.338863	.0012812	.006062	.34821	.004112	.010231
%RSD	3.399364	.5422834	.2388238	1.374750	.3814082	.3949972

#1	9.581099	.2348648	2.531367	24.92827	1.076542	2.579187
#2	10.11390	.2373830	2.539822	25.50390	1.074833	2.591604
#3	10.21023	.2365343	2.543119	25.55557	1.082654	2.599480

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.296320	F 5.617921	2.429095	25.73331	2.574640	1.348420
Stddev	.003974	.048142	.023431	.29277	.003891	.007818
%RSD	.3065857	.8569340	.9645853	1.137709	.1511116	.5797839

#1	1.295982	5.568669	2.403718	25.43272	2.571040	1.347652
#2	1.292526	5.620225	2.433658	25.74963	2.574113	1.341014
#3	1.300453	5.664870	2.449908	26.01758	2.578767	1.356593

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.98371	2.516487	2.626295	25.91662	4.748377	5.206126
Stddev	.25175	.038249	.014296	.19331	.022043	.011205
%RSD	.9329751	1.519948	.5443536	.7458874	.4642165	.2152331

#1	26.69820	2.474107	2.638282	25.70566	4.730373	5.195448
#2	27.07912	2.526908	2.610472	25.95892	4.772960	5.205137
#3	27.17381	2.548446	2.630133	26.08527	4.741799	5.217793

Sample Name: CCV03 Acquired: 12/23/2019 15:04:38 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.237048	4.910780	5.444425	5.259769	5.148827	4.509556
Stddev	.026248	.063861	.097473	.010142	.037120	.051927
%RSD	.5012060	1.300418	1.790326	.1928249	.7209360	1.151497

#1	5.207251	4.839291	5.351329	5.249481	5.125176	4.452469
#2	5.247140	4.930863	5.436193	5.260068	5.129696	4.522219
#3	5.256753	4.962184	5.545753	5.269758	5.191610	4.553981

Elem	Sr4077
Units	ppm
Avg	5.148027
Stddev	.137353
%RSD	2.668078

#1	4.999006
#2	5.175523
#3	5.269553

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1344.598	27504.42	8284.054	1470.668	2387.270
Stddev	1.751	38.55	25.346	7.459	4.844
%RSD	.1302224	.1401450	.3059567	.5071670	.2029285

#1	1344.413	27519.26	8313.286	1464.628	2392.331
#2	1346.434	27533.34	8270.671	1479.005	2386.803
#3	1342.947	27460.66	8268.206	1468.370	2382.676

Sample Name: CCB03 Acquired: 12/23/2019 15:08:37 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018949	.0003348	-.001451	-.001111	-.002711	-.006854
Stddev	.0041568	.0011590	.000885	.001815	.003426	.008118
%RSD	219.3682	346.1450	60.97710	163.3930	126.3766	118.4318

#1	.0064101	.0009388	-.000553	.000931	.001139	-.002411
#2	.0010476	.0010670	-.001477	-.001724	-.003848	-.001928
#3	-.001773	-.001001	-.002322	-.002540	-.005425	-.016223

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000557	.0000105	-.000130	.0037664	.0002115	.0000689
Stddev	.000310	.0001107	.000086	.0088285	.0000515	.0003650
%RSD	55.66187	1054.414	65.98505	234.4003	24.36623	529.8057

#1	-.000262	.0000722	-.000037	-.001599	.0001530	.0003729
#2	-.000529	.0000766	-.000205	.013956	.0002313	.0001696
#3	-.000881	-.000117	-.000147	-.001057	.0002501	-.000336

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001245	-.006589	.0001445	-.012576	.0004216	-.000390
Stddev	.001066	.007990	.0003063	.036379	.0004297	.000749
%RSD	85.61164	121.2519	211.9923	289.2640	101.9043	192.2688

#1	-.000053	.000911	.0004470	.025499	.0001016	-.000202
#2	-.001574	-.014992	.0001520	-.016249	.0002533	.000248
#3	-.002107	-.005686	-.000166	-.046979	.0009100	-.001215

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0477615	.0004213	-.000905	.0500534	-.024469	.0010058
Stddev	.0090112	.0027882	.000502	.0178629	.002727	.0005999
%RSD	18.86699	661.8873	55.48818	35.68769	11.14400	59.64055

#1	.0581443	.0030500	-.000688	.0356481	-.023643	.0013836
#2	.0419790	-.002503	-.001479	.0444715	-.022251	.0013197
#3	.0431613	.000717	-.000547	.0700408	-.027514	.0003141

Sample Name: CCB03 Acquired: 12/23/2019 15:08:37 Type: Unk
Method: NON EPA-6010-200.7(v173) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001421	.0011116	.0074471	.0002891	-.004409	F -.013915
Stddev	.001336	.0012608	.0161650	.0016850	.004255	.002721
%RSD	94.03287	113.4236	217.0647	582.8370	96.49747	19.55346

#1	-.002337	.0015330	.0174557	-.000306	-.009205	-.014065
#2	-.002037	.0021076	.0160875	.002191	-.002938	-.016558
#3	.000112	-.000306	-.011202	-.001018	-.001085	-.011123

Elem	Sr4077
Units	ppm
Avg	-.000208
Stddev	.000078
%RSD	37.52339

#1	-.000124
#2	-.000279
#3	-.000220

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1382.487	28160.26	8120.692	1507.743	2628.962
Stddev	1.933	63.65	94.884	6.326	4.129
%RSD	.1398265	.2260129	1.168419	.4195745	.1570445

#1	1382.546	28113.42	8067.986	1501.747	2632.047
#2	1380.524	28134.63	8230.229	1507.127	2624.272
#3	1384.389	28232.72	8063.862	1514.354	2630.567