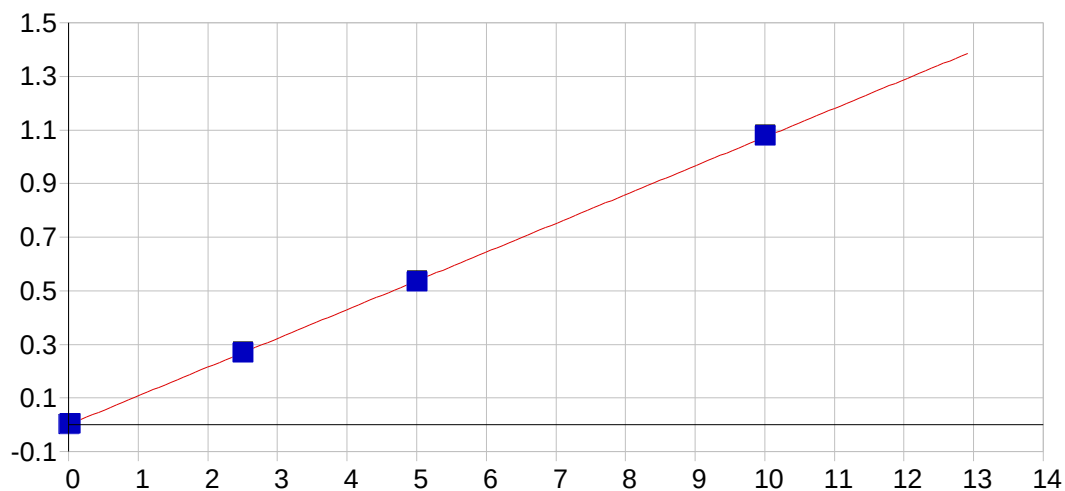


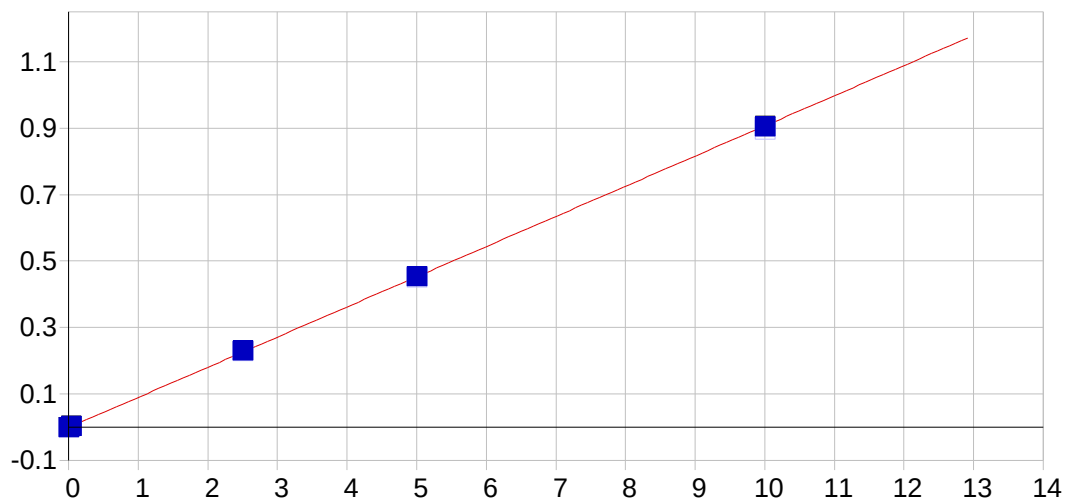


As 189.042 {479}

Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000332 Re-Slope: 1.000000
 A1 (Gain): 0.107282 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.002952
 Predicted MQL: 0.009839

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00033	.000	1
S1	.02000	.02268	.003	13.4	.00277	.000	1
S3	2.5000	2.5013	.001	.053	.26869	.001	1
S4	5.0000	4.9546	-.045	-.907	.53190	.004	1
S5	10.000	10.041	.041	.413	1.0776	.003	1



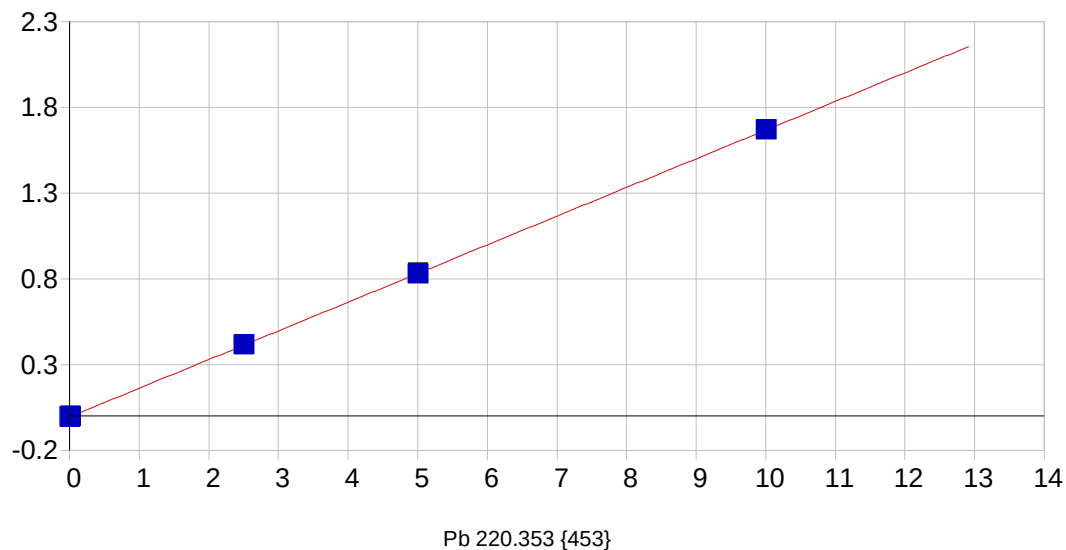
TI 190.856 {477}

Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001089 Re-Slope: 1.000000

A1 (Gain): 0.090785 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.002346
 Predicted MQL: 0.007819

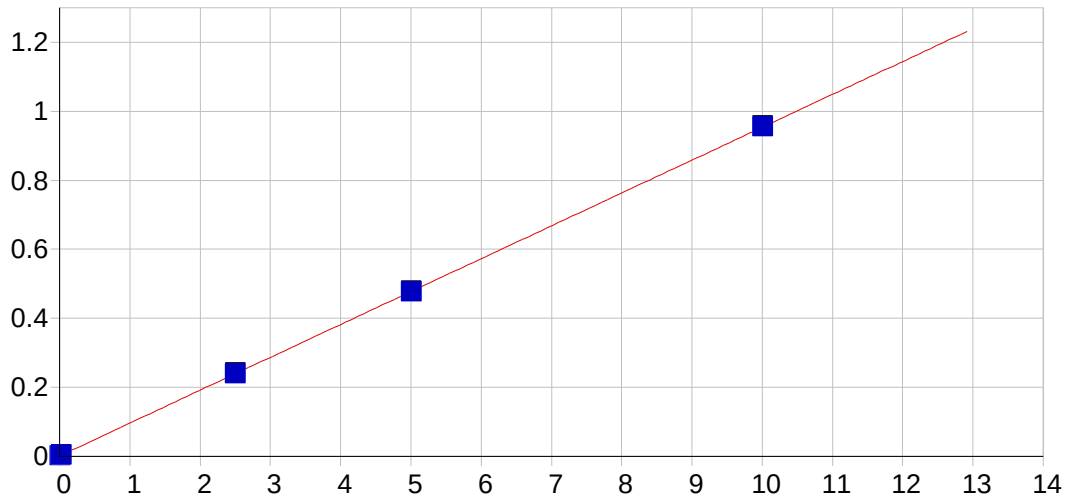
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00109	.000	1
S1	.04000	.04017	.000	.421	.00246	.000	1
S3	2.5000	2.5350	.035	1.40	.22677	.001	1
S4	5.0000	4.9999	-.000	-.003	.44826	.000	1
S5	10.000	9.9649	-.035	-.351	.89444	.002	1



Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004560 Re-Slope: 1.000000
 A1 (Gain): 0.167235 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.002342
 Predicted MQL: 0.007807

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00456	.000	1
S1	.01200	.01264	.001	5.36	-.00250	.000	1
S3	2.5000	2.5078	.008	.310	.41392	.001	1
S4	5.0000	4.9842	-.016	-.316	.82717	.003	1
S5	10.000	10.007	.007	.074	1.6654	.002	1

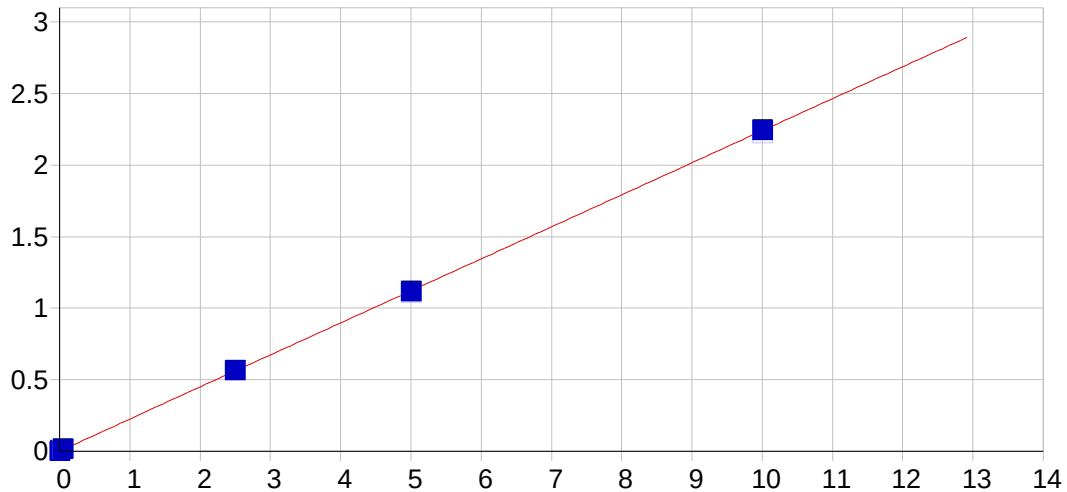


Se 196.090 {472}

Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001269 Re-Slope: 1.000000
 A1 (Gain): 0.095243 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.004237
 Predicted MQL: 0.014124

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00127	.000	1
S1	.02000	.01918	-.001	-4.10	.00311	.000	1
S3	2.5000	2.5049	.005	.198	.24006	.001	1
S4	5.0000	4.9843	-.016	-.314	.47642	.003	1
S5	10.000	10.012	.012	.116	.95566	.002	1



Sb 206.833 {463}

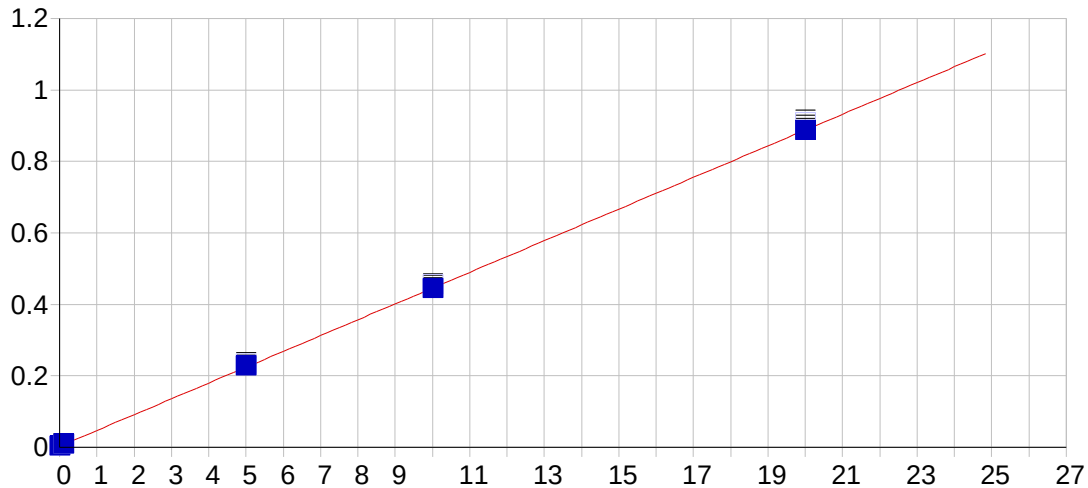
Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002021 Re-Slope: 1.000000
 A1 (Gain): 0.223860 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977
 Std Error of Est: 0.000058
 Predicted MDL: 0.002165
 Predicted MQL: 0.007215

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00202	.000	1
S1	.05000	.05549	.005	11.0	.01416	.000	1
S3	2.5000	2.5130	.013	.519	.55828	.001	1
S4	5.0000	4.9751	-.025	-.498	1.1032	.003	1
S5	10.000	10.007	.007	.065	2.2169	.003	1



Date of Fit: 12/13/2019 17:35:42

Type of Fit: Linear

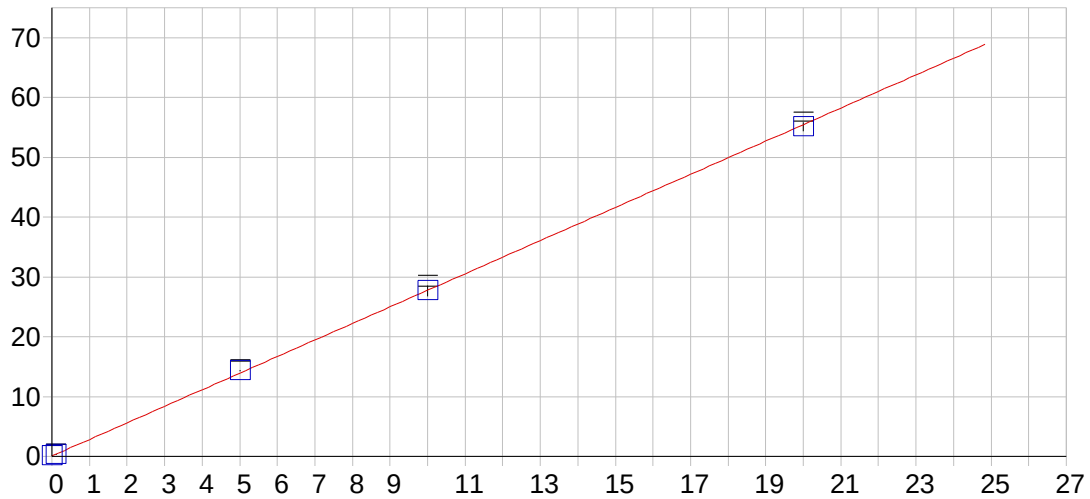
Weighting: 1/Conc

A0 (Offset): 0.002877
 A1 (Gain): 0.044252
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913
 Std Error of Est: 0.000046
 Predicted MDL: 0.015194
 Predicted MQL: 0.050648

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	.00288	.000	1
S1	.10000	.12315	.023	23.1	.00865	.000	1
S3	5.0000	5.0628	.063	1.26	.23249	.003	1
S4	10.000	9.9596	-.040	-.404	.45476	.002	1
S5	20.000	19.953	-.047	-.233	.90815	.006	1

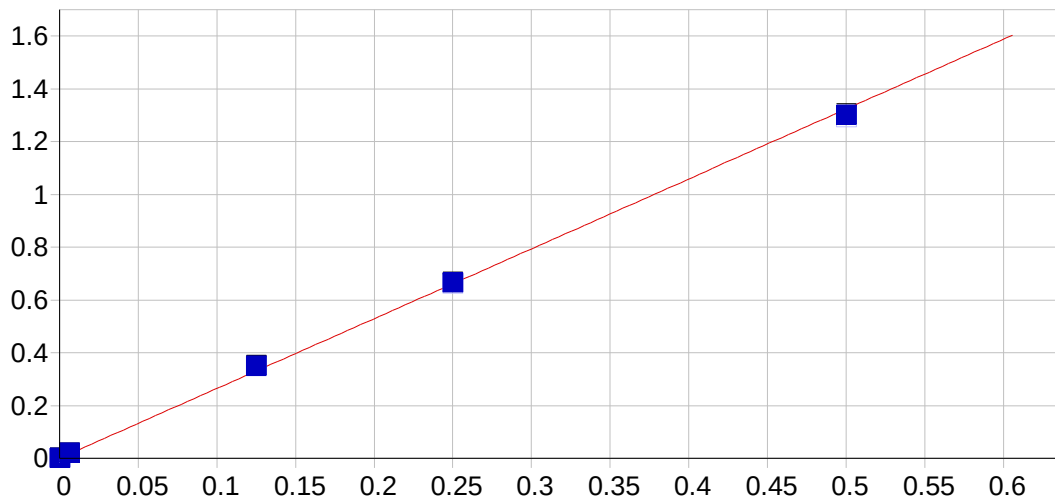


Ba 493.409 { 68}

Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.063979 Re-Slope: 1.000000
 A1 (Gain): 2.770229 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912 Status: OK.
 Std Error of Est: 0.002803
 Predicted MDL: 0.000550
 Predicted MQL: 0.001833

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.06395	.002	1
S1	.10000	.10749	.007	7.49	.36175	.003	1
S3	5.0000	5.1528	.153	3.06	14.338	.152	1
S4	10.000	9.9671	-.033	-.329	27.675	.906	1
S5	20.000	19.873	-.127	-.637	55.116	.783	1



Be 234.861 {144}

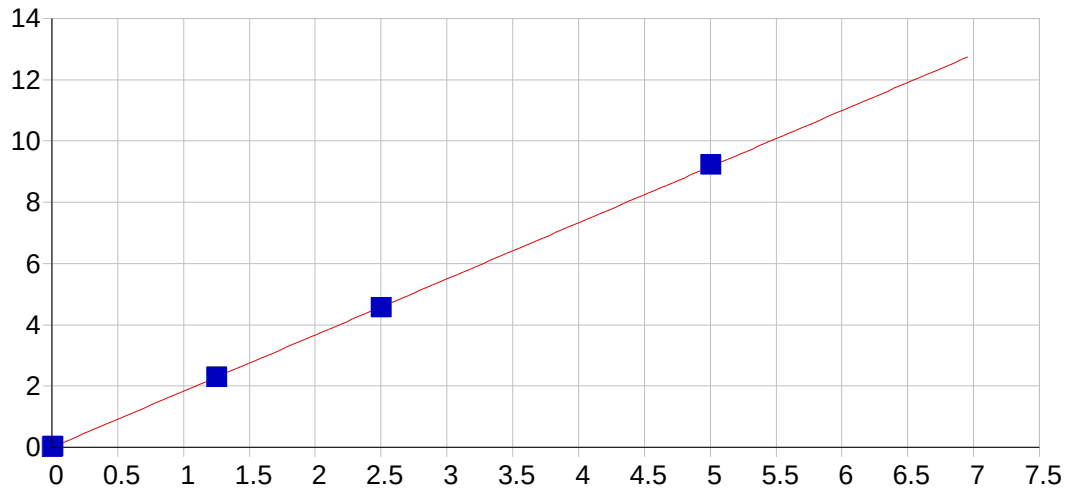
Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000254 Re-Slope: 1.000000
 A1 (Gain): 2.645662 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999537
 Std Error of Est: 0.000237
 Predicted MDL: 0.000120
 Predicted MQL: 0.000399

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00025	.000	1
S1	.00600	.00725	.001	20.9	.01928	.000	1
S3	.12500	.13179	.007	5.43	.34685	.003	1
S4	.25000	.25115	.001	.461	.66055	.003	1
S5	.50000	.49081	-.009	-1.84	1.2904	.006	1



Cd 226.502 {449}

Date of Fit: 12/13/2019 17:35:42

Type of Fit: Linear

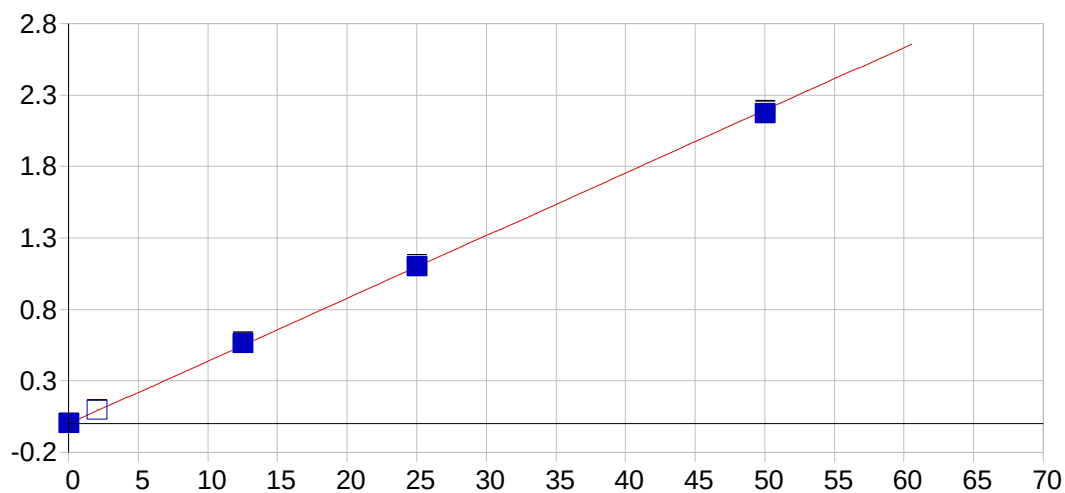
Weighting: 1/Conc

A0 (Offset): 0.001468
 A1 (Gain): 1.831876
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984
 Std Error of Est: 0.000096
 Predicted MDL: 0.000165
 Predicted MQL: 0.000548

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00147	.000	1
S1	.00600	.00599	-.000	-.245	.01245	.000	1
S3	1.2500	1.2428	-.007	-.572	2.2786	.006	1
S4	2.5000	2.4829	-.017	-.683	4.5507	.012	1
S5	5.0000	5.0242	.024	.485	9.2069	.016	1

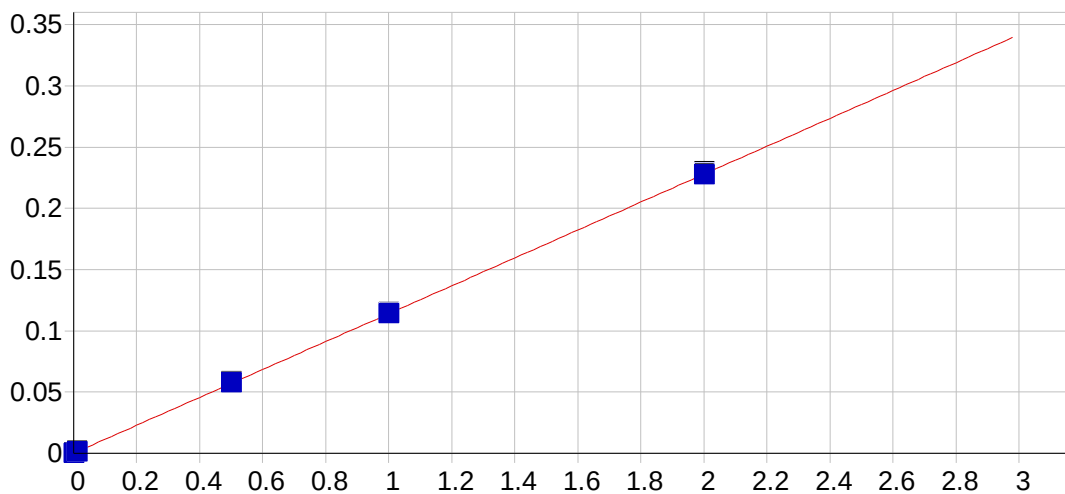


Ca 373.690 { 90}

Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000004 Re-Slope: 1.000000
 A1 (Gain): 0.043871 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835 Status: OK.
 Std Error of Est: 0.000435
 Predicted MDL: 0.013292
 Predicted MQL: 0.044306

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00021	-.000	.000	-.00000	.000	1
S2	2.0000	2.1779	.178	8.90	.09555	.001	1
S3	12.500	12.815	.315	2.52	.56251	.008	1
S4	25.000	25.039	.039	.155	1.0991	.011	1
S5	50.000	49.468	-.532	-1.06	2.1714	.018	1



Cr 267.716 {126}

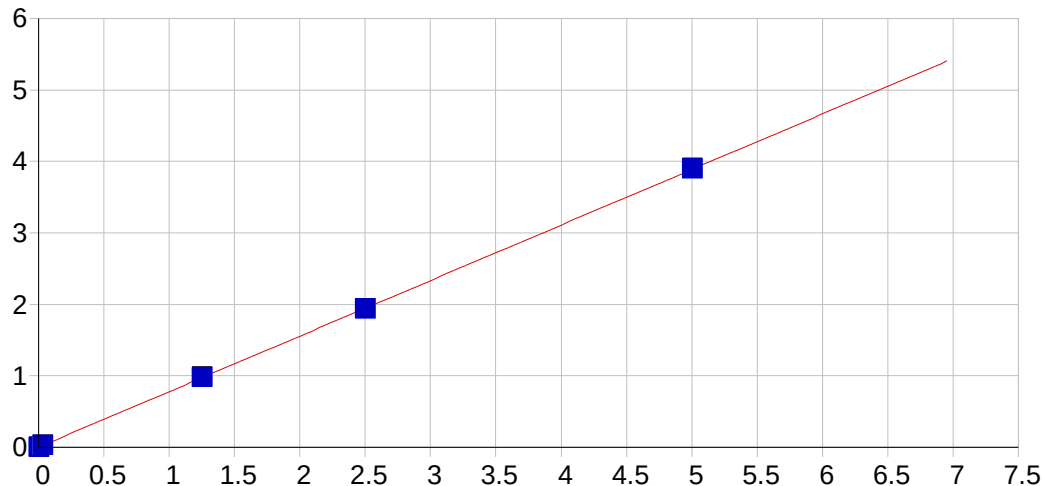
Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000123 Re-Slope: 1.000000
 A1 (Gain): 0.113866 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989
 Std Error of Est: 0.000004
 Predicted MDL: 0.000663
 Predicted MQL: 0.002209

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00012	.000	1
S1	.01000	.01030	.000	2.96	.00130	.000	1
S3	.50000	.50526	.005	1.05	.05801	.000	1
S4	1.0000	1.0002	.000	.019	.11471	.000	1
S5	2.0000	1.9943	-.006	-.287	.22861	.001	1



Co 228.616 {448}

Date of Fit: 12/13/2019 17:35:42

Type of Fit: Linear

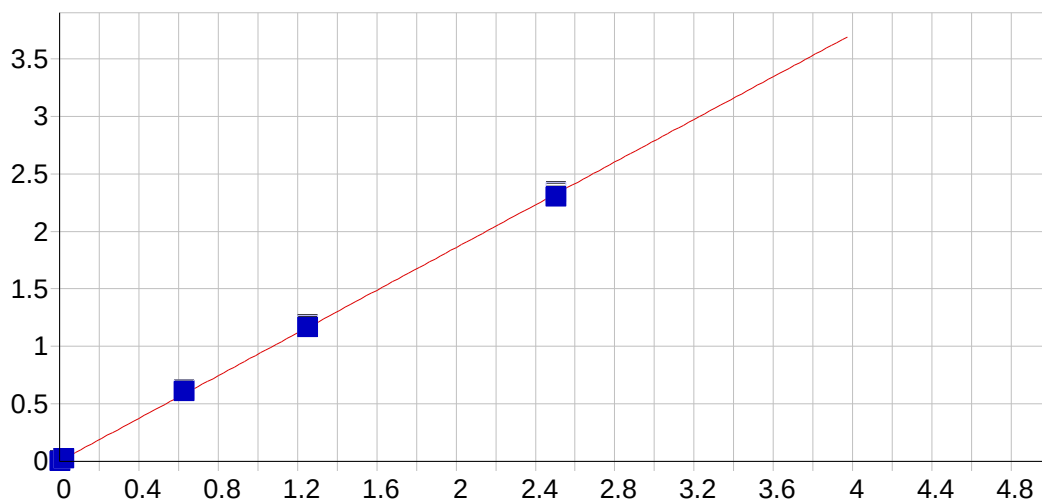
Weighting: 1/Conc

A0 (Offset): 0.002681
 A1 (Gain): 0.776905
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989
 Std Error of Est: 0.000075
 Predicted MDL: 0.000352
 Predicted MQL: 0.001172

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	.00268	.000	1
S1	.03000	.03075	.001	2.49	.02636	.000	1
S3	1.2500	1.2572	.007	.577	.97676	.001	1
S4	2.5000	2.4833	-.017	-.667	1.9267	.007	1
S5	5.0000	5.0087	.009	.175	3.8834	.006	1

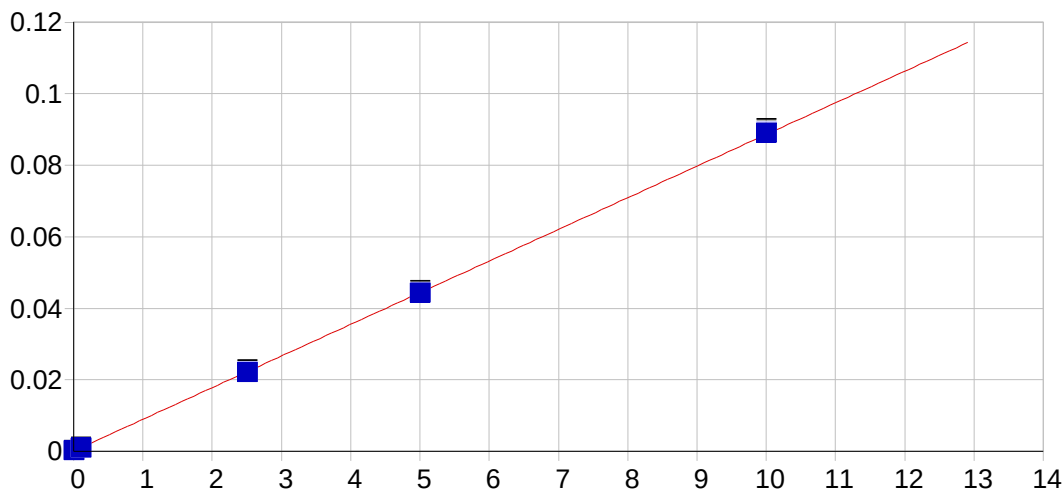


Cu 224.700 {450}

Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002551 Re-Slope: 1.000000
 A1 (Gain): 0.928219 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999819 Status: OK.
 Std Error of Est: 0.000217
 Predicted MDL: 0.000681
 Predicted MQL: 0.002270

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00255	.001	1
S1	.02000	.02172	.002	8.59	.02301	.000	1
S3	.62500	.65224	.027	4.36	.61741	.002	1
S4	1.2500	1.2490	-.001	-.083	1.1807	.004	1
S5	2.5000	2.4721	-.028	-1.12	2.3349	.005	1



Fe 240.488 {140}

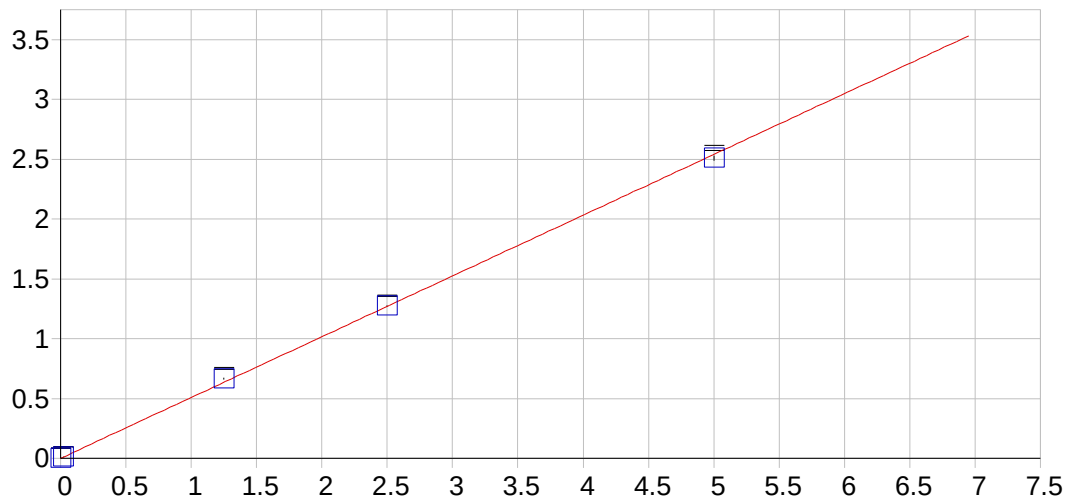
Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000098 Re-Slope: 1.000000
 A1 (Gain): 0.008850 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986
 Std Error of Est: 0.000003
 Predicted MDL: 0.005431
 Predicted MQL: 0.018102

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.10000	.09608	-.004	-3.92	.00095	.000	1
S3	2.5000	2.4834	-.017	-.663	.02219	.001	1
S4	5.0000	4.9811	-.019	-.378	.04440	.001	1
S5	10.000	10.039	.039	.394	.08939	.001	1



Mn 257.610 {131}

Date of Fit: 12/13/2019 17:35:42

Type of Fit: Linear

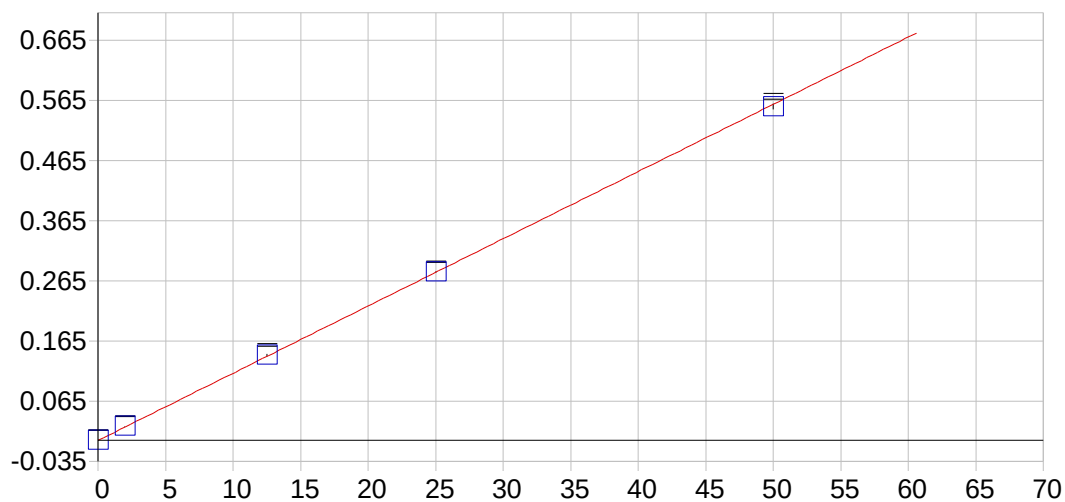
Weighting: 1/Conc

A0 (Offset): 0.000299
 A1 (Gain): 0.507965
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999775
 Std Error of Est: 0.000184
 Predicted MDL: 0.000475
 Predicted MQL: 0.001585

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	.00030	.000	1
S1	.02000	.02300	.003	15.0	.01198	.001	1
S3	1.2500	1.3074	.057	4.59	.66443	.007	1
S4	2.5000	2.5049	.005	.198	1.2727	.006	1
S5	5.0000	4.9346	-.065	-1.31	2.5069	.022	1

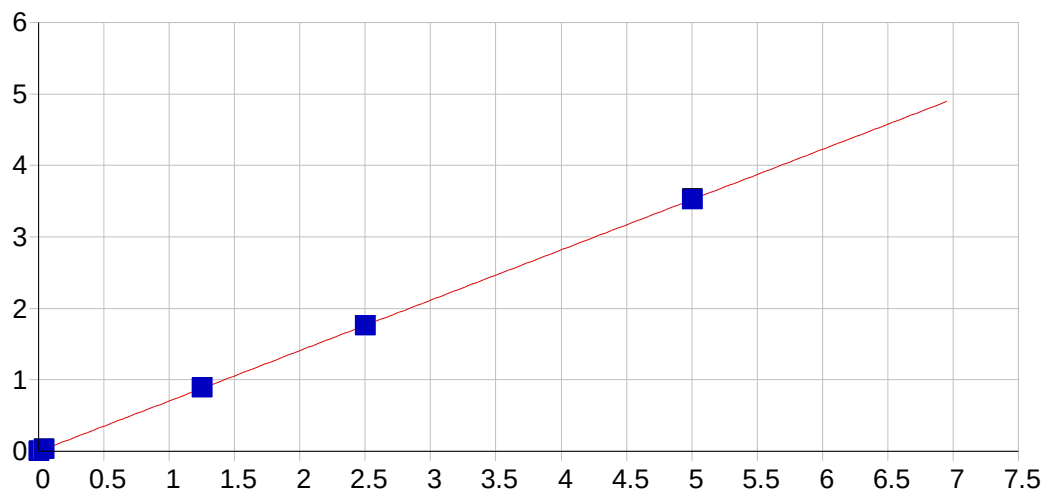


Mg 279.079 {121}

Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000247 Re-Slope: 1.000000
 A1 (Gain): 0.011173 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.025885
 Predicted MQL: 0.086284

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00013	-.000	.000	-.00025	.000	1
S2	2.0000	2.1074	.107	5.37	.02330	.001	1
S3	12.500	12.672	.172	1.38	.14134	.002	1
S4	25.000	25.067	.067	.267	.27982	.002	1
S5	50.000	49.654	-.346	-.693	.55452	.005	1



Ni 231.604 {446}

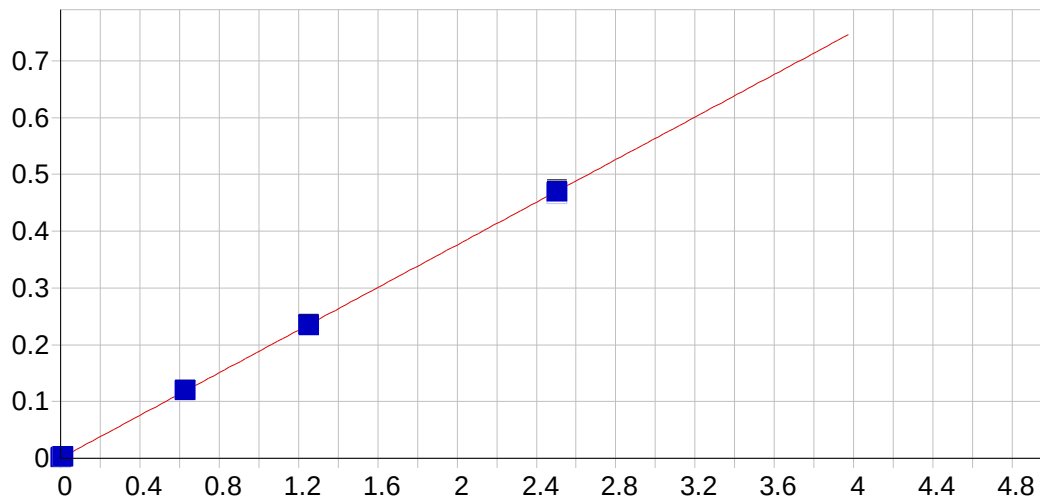
Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000699 Re-Slope: 1.000000
 A1 (Gain): 0.704059 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987
 Std Error of Est: 0.000086
 Predicted MDL: 0.000496
 Predicted MQL: 0.001654

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00070	.000	1
S1	.04000	.04168	.002	4.20	.03005	.000	1
S3	1.2500	1.2613	.011	.903	.88903	.001	1
S4	2.5000	2.4888	-.011	-.447	1.7536	.005	1
S5	5.0000	4.9982	-.002	-.036	3.5210	.005	1

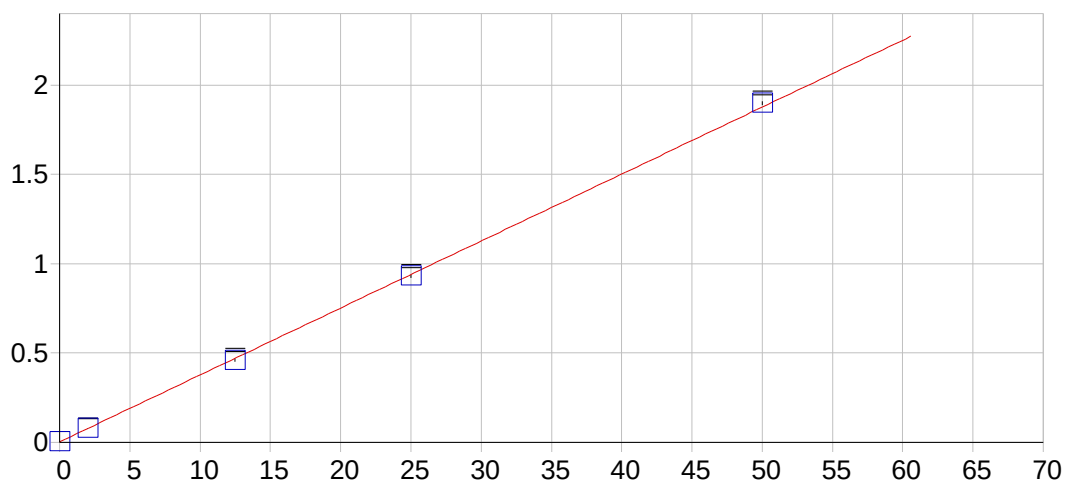


Ag 328.068 {103}

Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000601 Re-Slope: 1.000000
 A1 (Gain): 0.187612 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.000682
 Predicted MQL: 0.002272

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00060	.000	1
S1	.01000	.01123	.001	12.3	.00267	.000	1
S3	.62500	.63224	.007	1.16	.11820	.000	1
S4	1.2500	1.2457	-.004	-.342	.23228	.001	1
S5	2.5000	2.4958	-.004	-.167	.46478	.003	1

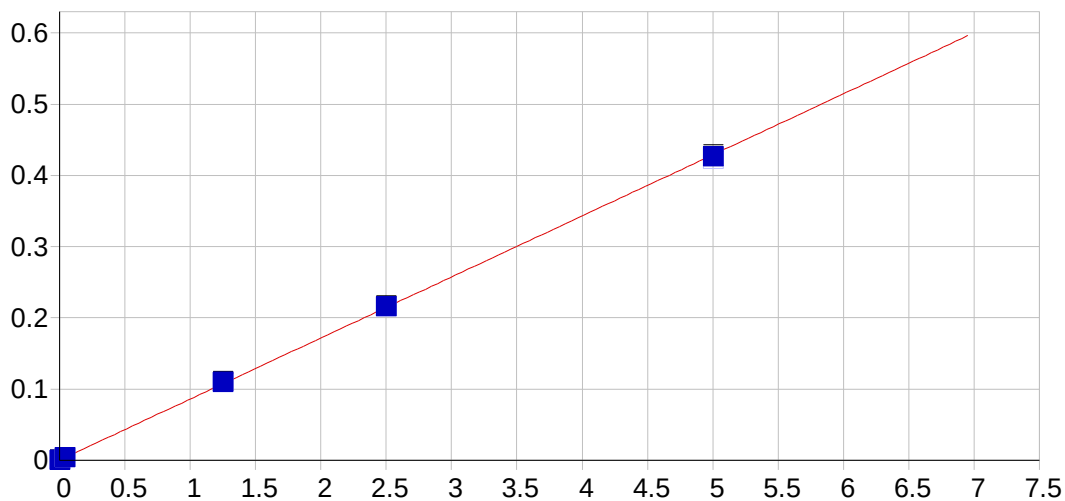


Na 589.592 { 57}

Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002776 Re-Slope: 1.000000
 A1 (Gain): 0.037475 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999903 Status: OK.
 Std Error of Est: 0.000285
 Predicted MDL: 0.010059
 Predicted MQL: 0.033529

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00278	.000	1
S2	2.0000	2.0055	.006	.275	.07793	.001	1
S3	12.500	12.185	-.315	-2.52	.45941	.009	1
S4	25.000	24.735	-.265	-1.06	.92972	.009	1
S5	50.000	50.574	.574	1.15	1.8980	.012	1



V 292.402 {115}

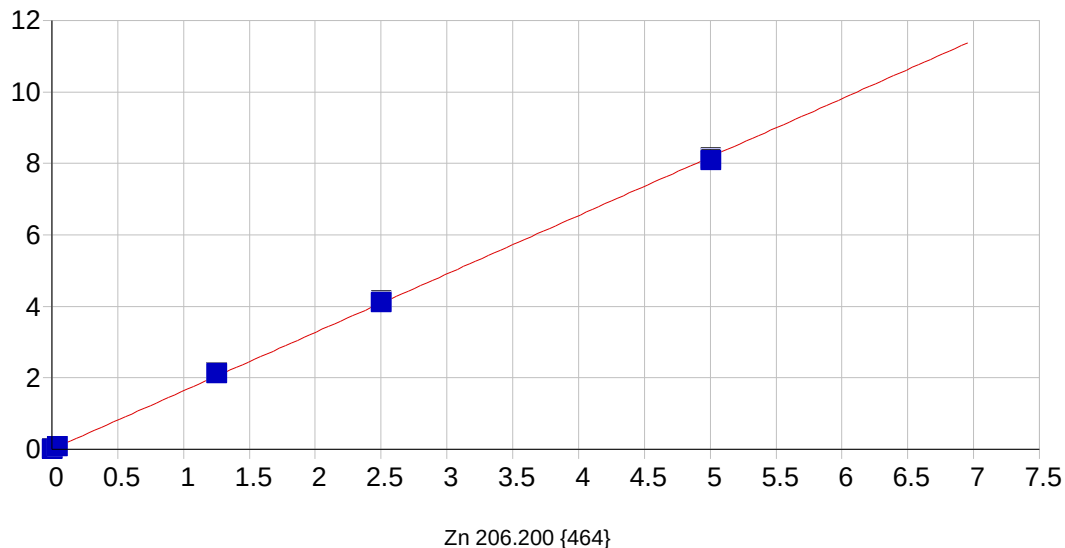
Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000344 Re-Slope: 1.000000
 A1 (Gain): 0.085717 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957
 Std Error of Est: 0.000019
 Predicted MDL: 0.003328
 Predicted MQL: 0.011092

Status: OK.

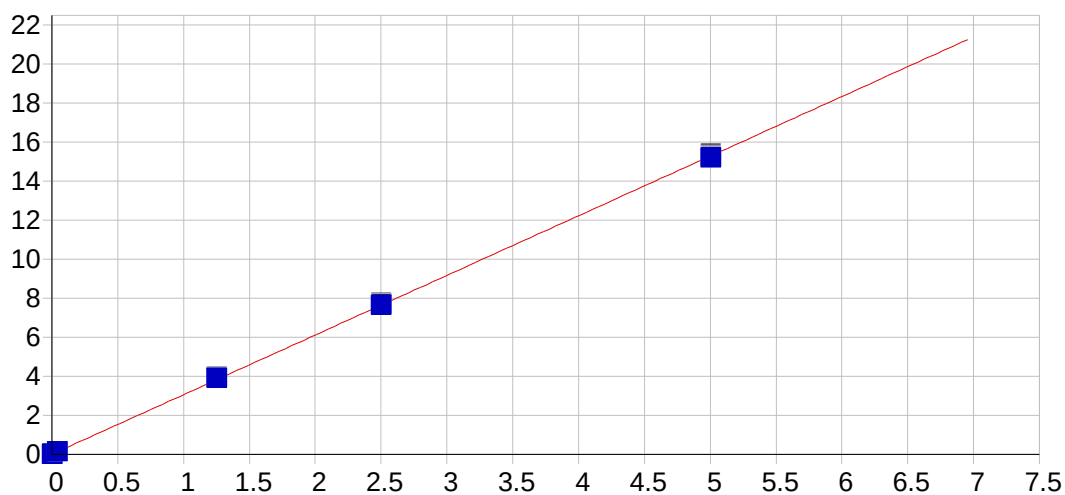
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00034	.000	1
S1	.04000	.04083	.001	2.06	.00379	.000	1
S3	1.2500	1.2702	.020	1.62	.10841	.001	1
S4	2.5000	2.5166	.017	.663	.21444	.000	1
S5	5.0000	4.9624	-.038	-.752	.42248	.003	1



Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000824 Re-Slope: 1.000000
 A1 (Gain): 1.635387 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999822 Status: OK.
 Std Error of Est: 0.000752
 Predicted MDL: 0.000260
 Predicted MQL: 0.000867

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00081	.000	1
S1	.04000	.04498	.005	12.4	.07484	.000	1
S3	1.2500	1.2969	.047	3.75	2.1360	.002	1
S4	2.5000	2.5097	.010	.387	4.1336	.015	1
S5	5.0000	4.9385	-.062	-1.23	8.1340	.010	1

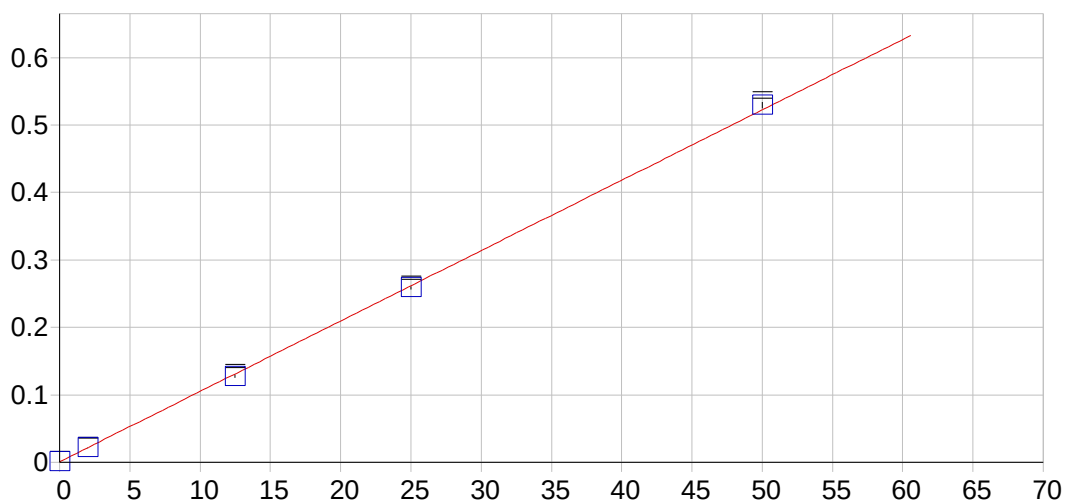


Zn 213.856 {158}

Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004571 Re-Slope: 1.000000
 A1 (Gain): 3.056107 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000859
 Predicted MDL: 0.000424
 Predicted MQL: 0.001413

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00456	.000	1
S1	.04000	.04367	.004	9.18	.13889	.001	1
S3	1.2500	1.2778	.028	2.23	3.9364	.015	1
S4	2.5000	2.5021	.002	.084	7.7045	.033	1
S5	5.0000	4.9664	-.034	-.672	15.289	.101	1



K 766.490 {44}

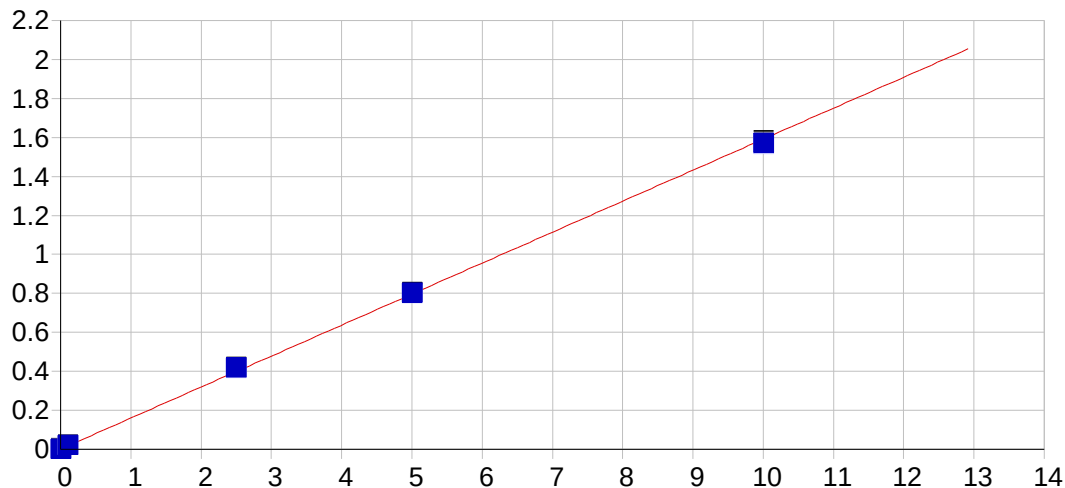
Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000814 Re-Slope: 1.000000
 A1 (Gain): 0.010432 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876
 Std Error of Est: 0.000090
 Predicted MDL: 0.039066
 Predicted MQL: 0.130219

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00081	.000	1
S2	2.0000	1.9684	-.032	-1.58	.02135	.000	1
S3	12.500	12.150	-.350	-2.80	.12757	.003	1
S4	25.000	24.720	-.280	-1.12	.25871	.002	1
S5	50.000	50.662	.662	1.32	.52934	.005	1



B 249.678 {135}

Date of Fit: 12/13/2019 17:35:42

Type of Fit: Linear

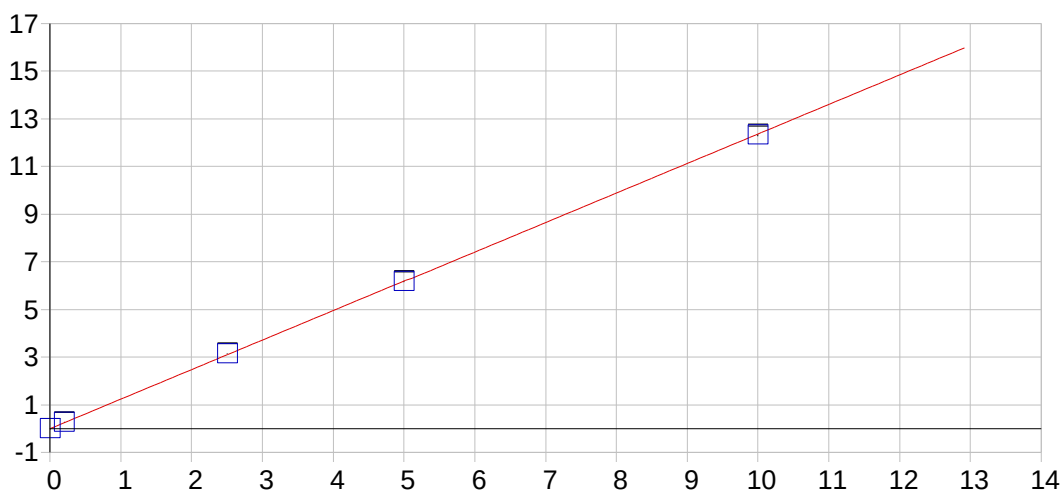
Weighting: 1/Conc

A0 (Offset): 0.001358
 A1 (Gain): 0.158972
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999789
 Std Error of Est: 0.000176
 Predicted MDL: 0.001691
 Predicted MQL: 0.005636

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	.00136	.000	1
S1	.10000	.10857	.009	8.57	.01852	.000	1
S3	2.5000	2.6061	.106	4.24	.41389	.005	1
S4	5.0000	5.0262	.026	.523	.79685	.003	1
S5	10.000	9.8592	-.141	-1.41	1.5616	.014	1

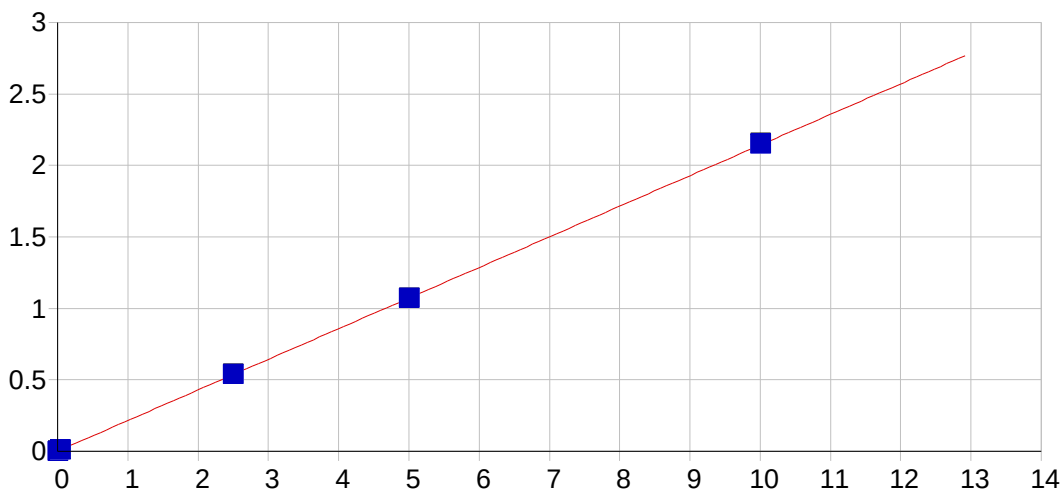


Mo 202.030 {467}

Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002907 Re-Slope: 1.000000
 A1 (Gain): 1.236720 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000894
 Predicted MDL: 0.000373
 Predicted MQL: 0.001244

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00292	.000	1
S1	.20000	.21172	.012	5.86	.25893	.001	1
S3	2.5000	2.5414	.041	1.66	3.1401	.016	1
S4	5.0000	4.9870	-.013	-.259	6.1647	.024	1
S5	10.000	9.9598	-.040	-.402	12.315	.032	1



Sn 189.989 {478}

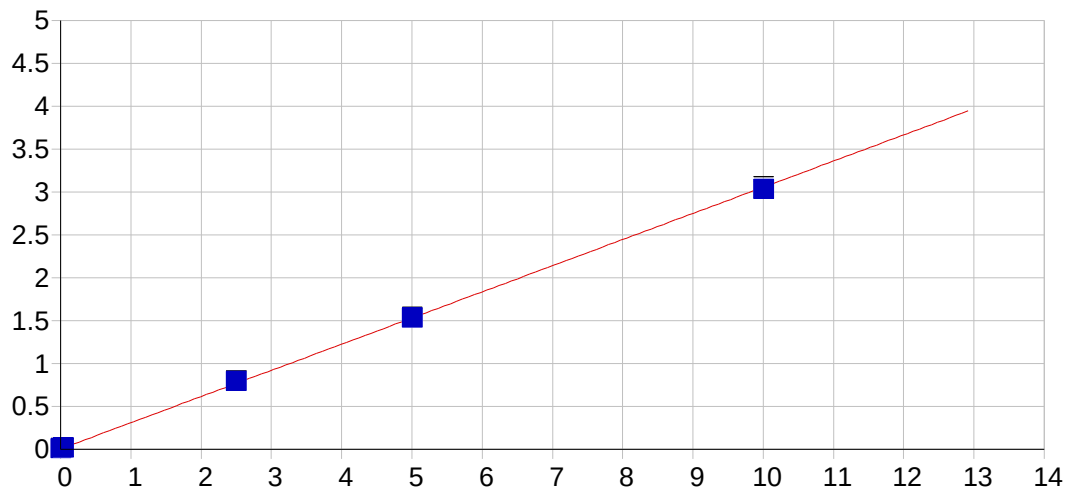
Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001207 Re-Slope: 1.000000
 A1 (Gain): 0.214174 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992
 Std Error of Est: 0.000030
 Predicted MDL: 0.000851
 Predicted MQL: 0.002836

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00121	.000	1
S1	.04000	.03749	-.003	-6.27	.00924	.000	1
S3	2.5000	2.4951	-.005	-.196	.53590	.000	1
S4	5.0000	4.9829	-.017	-.343	1.0690	.003	1
S5	10.000	10.025	.025	.245	2.1494	.004	1



Ti 336.121 {100}

Date of Fit: 12/13/2019 17:35:42

Type of Fit: Linear

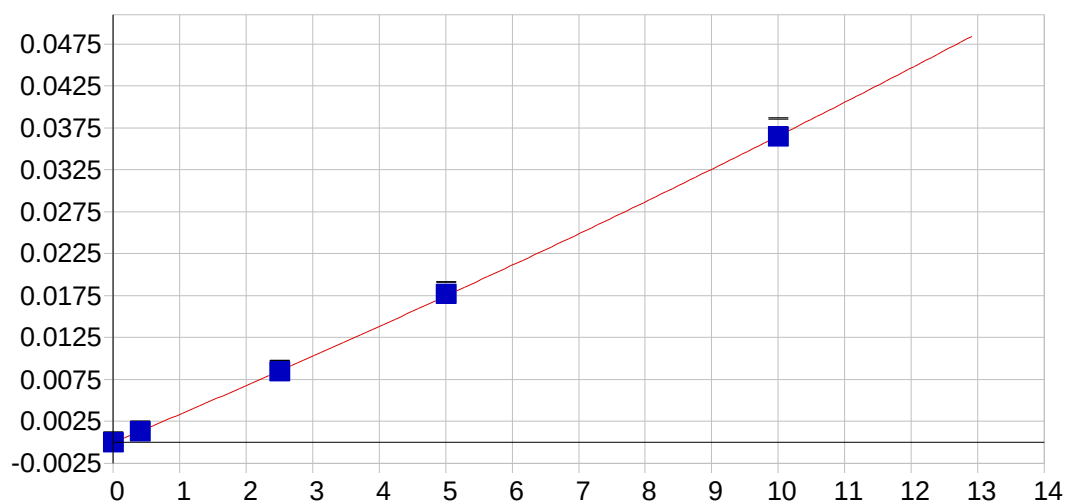
Weighting: 1/Conc

A0 (Offset): 0.005226
 A1 (Gain): 0.305088
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923
 Std Error of Est: 0.000130
 Predicted MDL: 0.001440
 Predicted MQL: 0.004800

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	.00523	.000	1
S1	.04000	.04086	.001	2.15	.01769	.000	1
S3	2.5000	2.5725	.072	2.90	.78996	.008	1
S4	5.0000	5.0032	.003	.064	1.5314	.007	1
S5	10.000	9.9235	-.076	-.765	3.0324	.027	1

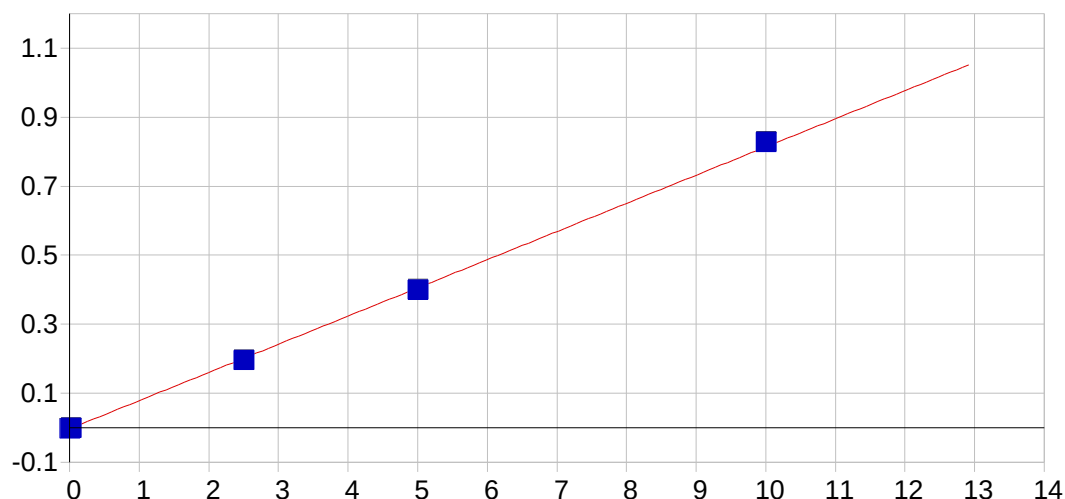


Si 288.158 {117}

Date of Fit: 12/13/2019 17:35:42 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000020 Re-Slope: 1.000000
 A1 (Gain): 0.003326 Y-int: 0.000000
 A2 (Curvature): 0.000033
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: Warning Positive Curvature
 Std Error of Est: 0.000005
 Predicted MDL: 0.019669
 Predicted MQL: 0.065564

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00002	.000	1
S1	.40000	.38105	-.019	-4.74	.00125	.000	1
S3	2.5000	2.4787	-.021	-.850	.00840	.000	1
S4	5.0000	5.0638	.064	1.28	.01761	.000	1
S5	10.000	9.9760	-.024	-.240	.03634	.001	1



P 177.495 {490}

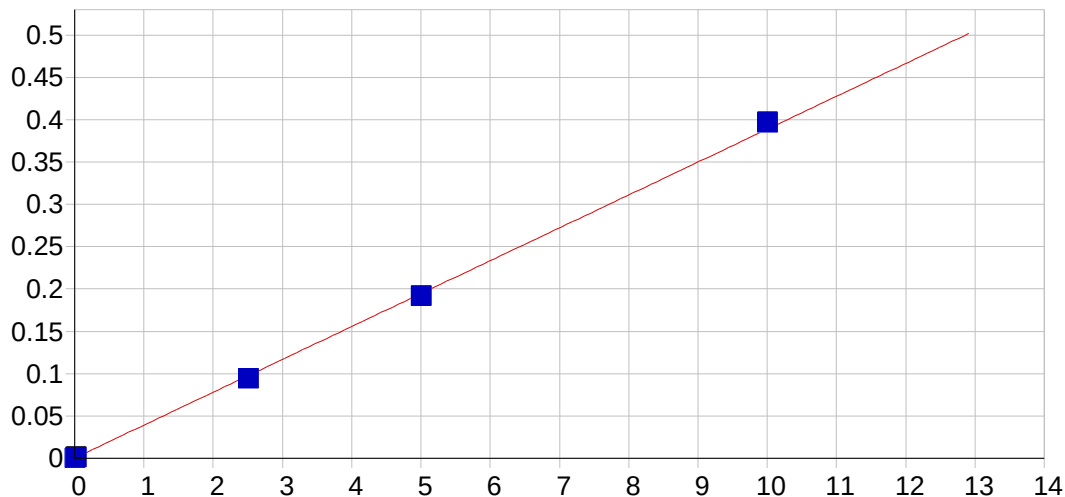
Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002959 Re-Slope: 1.000000
 A1 (Gain): 0.081672 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814
 Std Error of Est: 0.000038
 Predicted MDL: 0.002175
 Predicted MQL: 0.007250

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00296	.000	1
S1	.02000	.02064	.001	3.20	-.00128	.000	1
S3	2.5000	2.4160	-.084	-3.36	.19406	.000	1
S4	5.0000	4.9245	-.075	-1.51	.39865	.001	1
S5	10.000	10.159	.159	1.59	.82555	.001	1



S 182.034 {485}

Date of Fit: 12/13/2019 17:35:42

Type of Fit: Linear

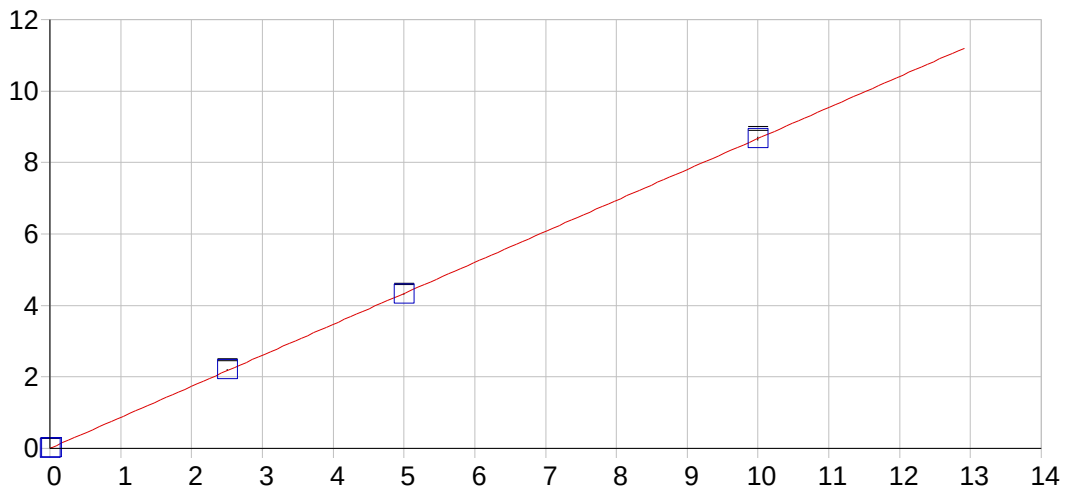
Weighting: 1/Conc

A0 (Offset): 0.000339
 A1 (Gain): 0.038846
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999755
 Std Error of Est: 0.000021
 Predicted MDL: 0.004385
 Predicted MQL: 0.014615

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	.00034	.000	1
S1	.02000	.01847	-.002	-7.67	.00103	.000	1
S3	2.5000	2.4072	-.093	-3.71	.09378	.000	1
S4	5.0000	4.9098	-.090	-1.80	.19092	.001	1
S5	10.000	10.184	.184	1.84	.39567	.001	1

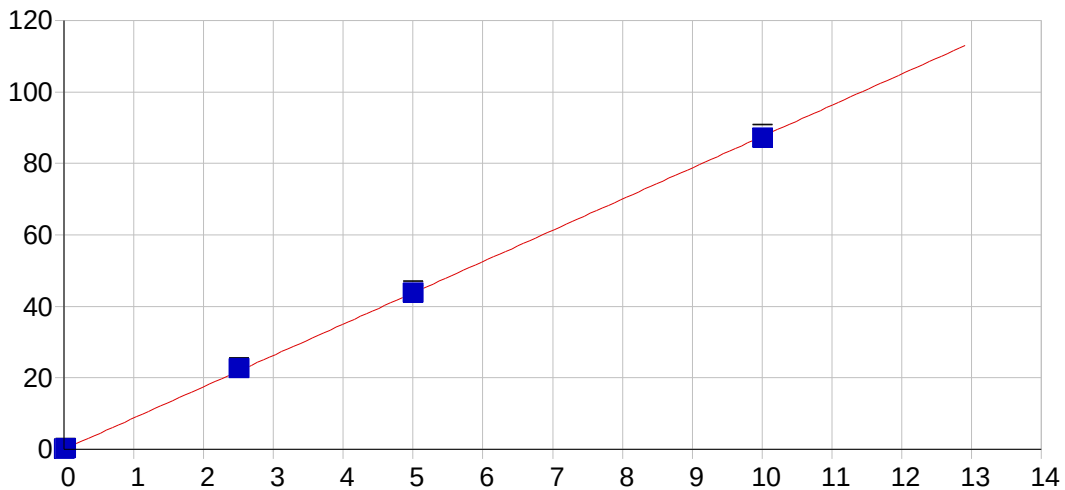


Li 670.784 { 50}

Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002173 Re-Slope: 1.000000
 A1 (Gain): 0.867122 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000121
 Predicted MDL: 0.001669
 Predicted MQL: 0.005563

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00217	.001	1
S5	10.000	9.9903	-.010	-.097	8.6650	.056	1
S4	5.0000	4.9770	-.023	-.460	4.3179	.025	1
S3	2.5000	2.5334	.033	1.33	2.1989	.026	1
S1	.02000	.01933	-.001	-3.34	.01894	.001	1



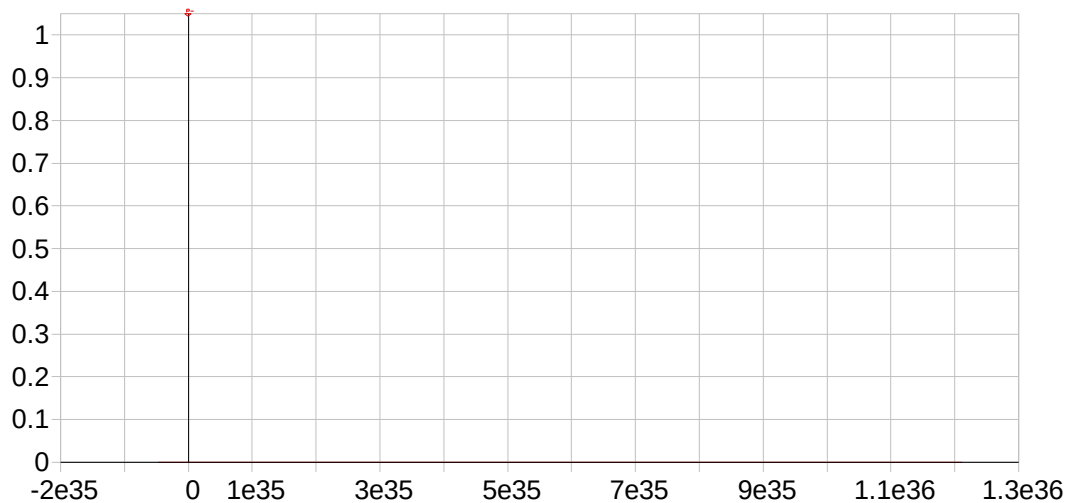
Sr 407.771 { 83}

Date of Fit: 12/13/2019 17:35:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011788 Re-Slope: 1.000000
 A1 (Gain): 8.751863 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01177	.000	1
S1	.02000	.02169	.002	8.44	.20251	.002	1
S3	2.5000	2.5671	.067	2.68	22.502	.270	1
S4	5.0000	4.9838	-.016	-.323	43.676	.644	1
S5	10.000	9.9474	-.053	-.526	87.162	.910	1



Y 224.306 {450}*

Date of Fit: <not fit>

Type of Fit: Linear

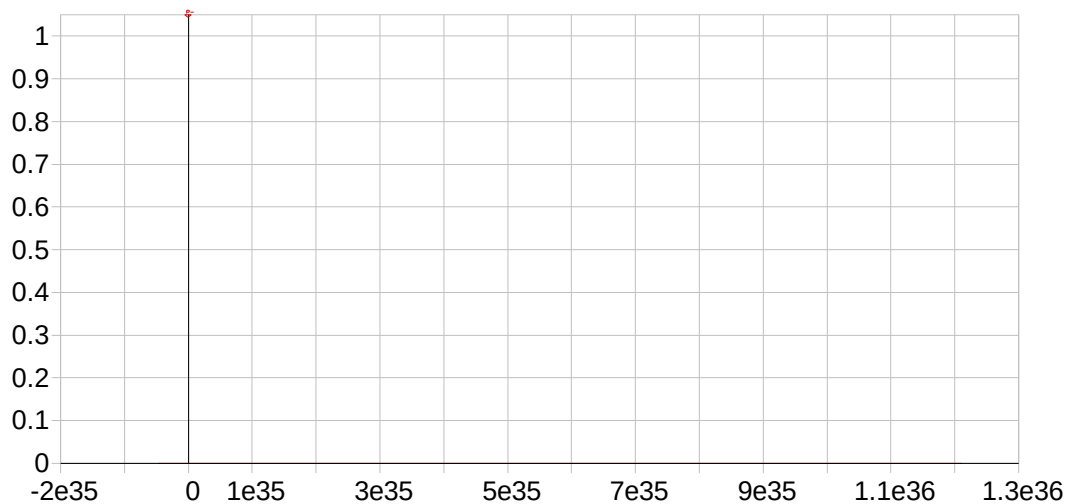
Weighting: 1/Conc

A0 (Offset):	0.000000
A1 (Gain):	0.000000
A2 (Curvature):	0.000000
n (Exponent):	1.000000
Correlation:	0.000000
Std Error of Est:	0.000000
Predicted MDL:	n/a
Predicted MQL:	n/a

Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Y 360.073 { 94}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

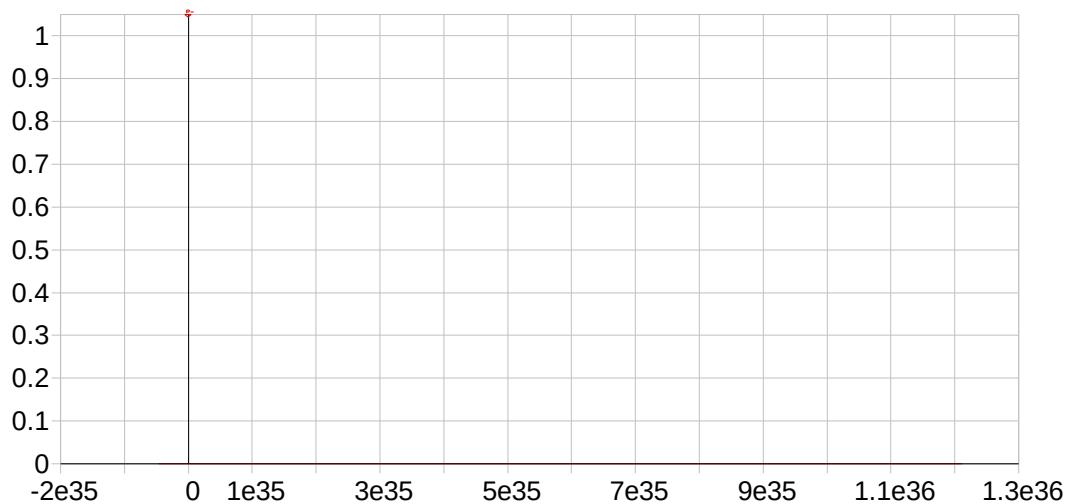
Status: Warning Zero Gain

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

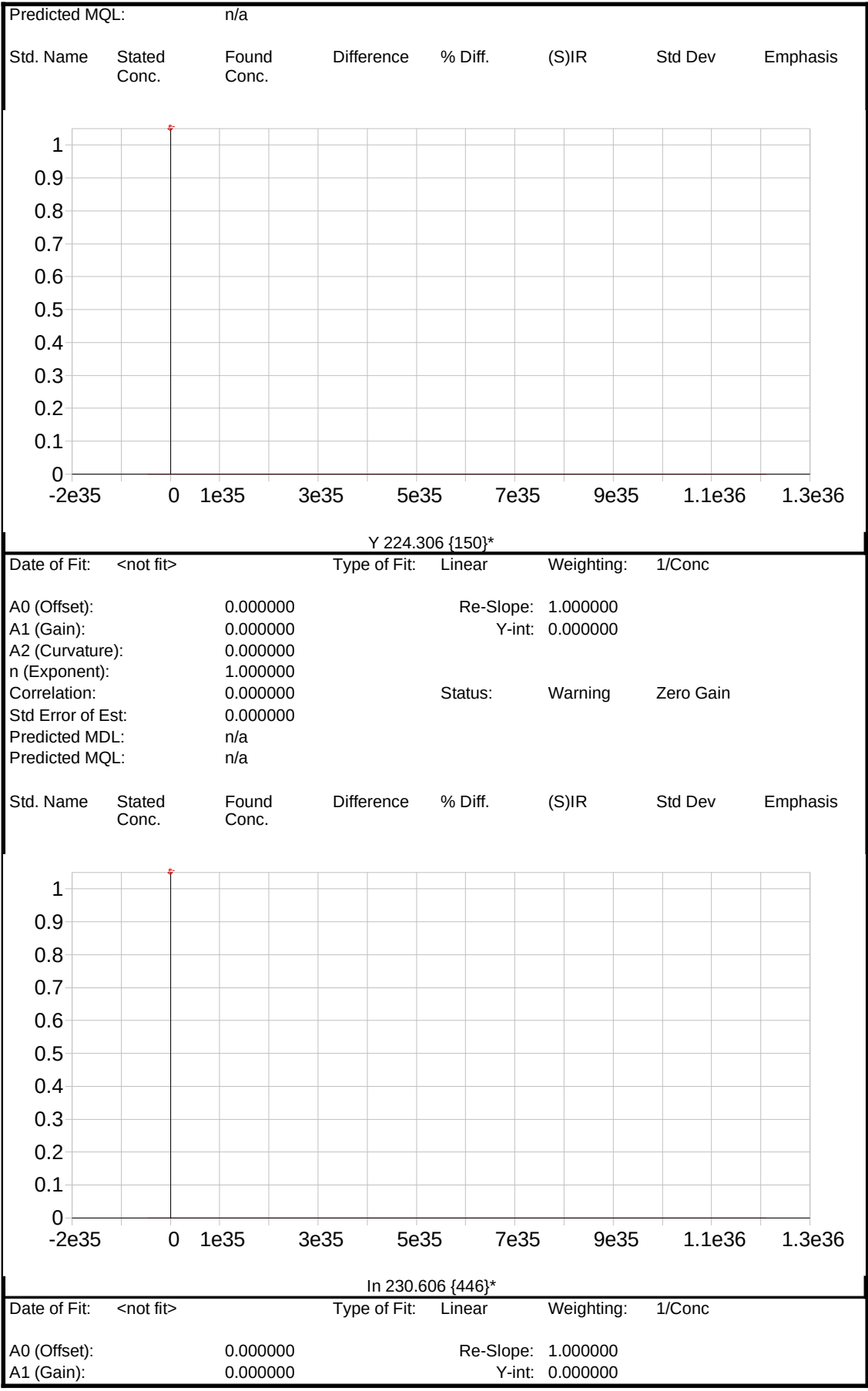
n (Exponent): 1.000000

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: 12/13/2019 11:48:57 Type: Cal
Method: NON EPA-6010-200.7(v155) 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	.00033	-.00109	-.00456	.00127	.00202	.00288	.06395	.00025
Stddev	.00035	.00005	.00005	.00026	.00036	.00044	.00215	.00004
%RSD	103.99	4.2570	1.0069	20.201	18.036	15.213	3.3575	16.009

#1	.00073	-.00107	-.00461	.00104	.00231	.00338	.06218	.00028
#2	.00009	-.00106	-.00452	.00122	.00214	.00258	.06334	.00020
#3	.00017	-.00114	-.00455	.00154	.00161	.00267	.06634	.00027

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	.00147	-.00000	.00012	.00268	.00255	.00010	.00030	-.00025
Stddev	.00016	.00046	.00007	.00020	.00073	.00004	.00018	.00011
%RSD	10.592	9475.4	55.234	7.3828	28.600	37.001	61.855	45.273

#1	.00130	-.00049	.00008	.00289	.00202	.00011	.00051	-.00036
#2	.00150	.00005	.00008	.00250	.00224	.00006	.00016	-.00024
#3	.00160	.00042	.00020	.00264	.00338	.00013	.00022	-.00014

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	.00070	.00060	.00278	.00034	.00456	.00081	.00136	-.00292
Stddev	.00024	.00008	.00027	.00006	.00013	.00000	.00035	.00041
%RSD	34.045	13.853	9.6053	18.306	2.9493	.12848	25.736	14.103

#1	.00056	.00064	.00247	.00037	.00449	.00082	.00175	-.00252
#2	.00097	.00050	.00292	.00027	.00471	.00081	.00123	-.00290
#3	.00057	.00065	.00294	.00039	.00447	.00081	.00109	-.00335

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	.00121	.00523	-.00002	-.00296	.00034	.00217	.01177	
Stddev	.00003	.00024	.00002	.00014	.00016	.00102	.00014	
%RSD	2.0741	4.5266	112.88	4.5902	46.623	47.135	1.2116	

#1	.00122	.00549	-.00005	-.00285	.00052	.00326	.01193	
#2	.00123	.00515	-.00001	-.00292	.00029	.00123	.01166	
#3	.00118	.00504	-.00001	-.00311	.00021	.00203	.01172	

Sample Name: S0 Acquired: 12/13/2019 11:48:57 Type: Cal
Method: NON EPA-6010-200.7(v155) 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	1314.3	39573.	8620.4	1187.7	2512.5
Stddev	4.1	165.	27.8	7.5	1.2
%RSD	.30977	.41603	.32272	.63527	.04745
#1	1314.3	39717.	8588.5	1196.3	2512.6
#2	1318.4	39609.	8632.7	1182.2	2513.6
#3	1310.3	39394.	8639.9	1184.6	2511.2

Sample Name: S1 Acquired: 12/13/2019 11:53:00 Type: Cal
Method: NON EPA-6010-200.7(v155) 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	.00277	.00246	-.00250	.00311	.01416	.00865	.36175	.01928
Stddev	.00023	.00018	.00018	.00013	.00024	.00042	.00319	.00028
%RSD	8.3335	7.2878	7.1903	4.1667	1.7169	4.8982	.88186	1.4648

#1	.00251	.00230	-.00241	.00312	.01395	.00816	.35823	.01960
#2	.00284	.00242	-.00238	.00297	.01443	.00890	.36258	.01914
#3	.00295	.00266	-.00271	.00323	.01411	.00890	.36445	.01909

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	.01245	.00130	.02636	.02301	.00095	.01198	.03005	.00267
Stddev	.00021	.00006	.00022	.00039	.00004	.00053	.00018	.00008
%RSD	1.6950	4.5538	.81631	1.6923	3.9325	4.4591	.61426	3.1250

#1	.01224	.00128	.02648	.02315	.00093	.01143	.02986	.00268
#2	.01266	.00125	.02611	.02257	.00100	.01249	.03006	.00259
#3	.01245	.00137	.02648	.02331	.00094	.01203	.03023	.00276

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	.00379	.13889	.01852	.25893	.00924	.01769	.00125	-.00128
Stddev	.00020	.00123	.00008	.00122	.00007	.00037	.00007	.00004
%RSD	5.2617	.88346	.42333	.47249	.76121	2.0986	5.9450	2.8632

#1	.00374	.13827	.01860	.26031	.00916	.01728	.00117	-.00126
#2	.00362	.13810	.01851	.25800	.00929	.01778	.00125	-.00132
#3	.00401	.14031	.01844	.25848	.00927	.01800	.00132	-.00126

Elem	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.00103	.01894	.20251
Stddev	.00009	.00094	.00217
%RSD	8.7135	4.9433	1.0728

#1	.00113	.01792	.20071
#2	.00095	.01911	.20190
#3	.00103	.01977	.20493

Sample Name: S1 Acquired: 12/13/2019 11:53:00 Type: Cal
Method: NON EPA-6010-200.7(v155) 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	1319.8	39420.	8596.2	1203.3	2497.9
Stddev	8.6	101.	77.2	6.5	15.9
%RSD	.65076	.25662	.89822	.53930	.63678
#1	1320.5	39395.	8508.9	1205.3	2497.0
#2	1310.9	39532.	8655.6	1208.5	2482.5
#3	1328.1	39334.	8624.0	1196.0	2514.3

Sample Name: S2 Acquired: 12/13/2019 11:57:02 Type: Cal
Method: NON EPA-6010-200.7(v155) 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	.09555	.02330	.07793	.02135
Stddev	.00110	.00058	.00133	.00025
%RSD	1.1526	2.4987	1.7039	1.1863

#1	.09430	.02274	.07663	.02106
#2	.09600	.02326	.07929	.02148
#3	.09636	.02390	.07788	.02151

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	39262.	8850.7
Stddev	93.	54.0
%RSD	.23707	.61054

#1	39314.	8821.7
#2	39155.	8913.0
#3	39319.	8817.4

Sample Name: S3 Acquired: 12/13/2019 12:00:59 Type: Cal
Method: NON EPA-6010-200.7(v155) 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	.26869	.22677	.41392	.24006	.55828	.23249	14.338	.34685
Stddev	.00053	.00111	.00127	.00108	.00129	.00317	.152	.00299
%RSD	.19572	.49087	.30579	.45139	.23181	1.3646	1.0634	.86206

#1	.26913	.22564	.41250	.23945	.55714	.22937	14.191	.35010
#2	.26883	.22680	.41492	.24131	.55969	.23240	14.328	.34421
#3	.26811	.22787	.41434	.23943	.55801	.23571	14.496	.34624

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	2.2786	.56251	.05801	.97676	.61741	.02219	.66443	.14134
Stddev	.0065	.00759	.00041	.00119	.00169	.00051	.00738	.00186
%RSD	.28365	1.3494	.69879	.12137	.27430	2.2817	1.1103	1.3164

#1	2.2811	.55601	.05758	.97555	.61908	.02161	.65591	.13936
#2	2.2834	.56067	.05806	.97682	.61747	.02253	.66849	.14159
#3	2.2713	.57085	.05838	.97792	.61569	.02242	.66888	.14306

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	.88903	.11820	.45941	.10841	3.9364	.12757	.41389	3.1401
Stddev	.00089	.00045	.00911	.00131	.0148	.00252	.00469	.0158
%RSD	.10022	.38053	1.9822	1.2085	.37710	1.9738	1.1332	.50429

#1	.88996	.11792	.44901	.10696	3.9534	.12468	.41765	3.1383
#2	.88818	.11796	.46322	.10880	3.9296	.12929	.40864	3.1568
#3	.88895	.11872	.46599	.10949	3.9262	.12873	.41540	3.1253

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	.53590	.78996	.00840	.19406	.09378	2.1989	22.502	
Stddev	.00034	.00767	.00017	.00020	.00013	.0256	.270	
%RSD	.06342	.97088	1.9763	.10217	.13436	1.1627	1.2001	

#1	.53551	.78112	.00822	.19384	.09363	2.1739	22.232	
#2	.53603	.79489	.00854	.19412	.09386	2.1979	22.501	
#3	.53616	.79386	.00844	.19423	.09384	2.2250	22.773	

Sample Name: S3 Acquired: 12/13/2019 12:00:59 Type: Cal
Method: NON EPA-6010-200.7(v155) 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	1287.2	38245.	8630.8	1156.7	2336.9
Stddev	6.6	128.	79.3	3.4	8.4
%RSD	.51177	.33438	.91908	.29737	.35740
#1	1285.0	38361.	8564.0	1153.1	2332.3
#2	1282.0	38265.	8718.4	1156.8	2331.8
#3	1294.6	38108.	8609.9	1160.0	2346.5

Sample Name: S4 Acquired: 12/13/2019 12:04:45 Type: Cal
Method: NON EPA-6010-200.7(v155) 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	.53190	.44826	.82717	.47642	1.1032	.45476	27.675	.66055
Stddev	.00375	.00042	.00284	.00262	.0032	.00161	.906	.00262
%RSD	.70481	.09418	.34290	.54962	.28531	.35455	3.2738	.39739

#1	.53290	.44827	.82543	.47447	1.1033	.45303	26.635	.66157
#2	.52775	.44867	.82563	.47540	1.1000	.45503	28.097	.66251
#3	.53505	.44783	.83044	.47940	1.1062	.45622	28.293	.65757

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	4.5507	1.0991	.11471	1.9267	1.1807	.04440	1.2727	.27982
Stddev	.0124	.0114	.00026	.0066	.0037	.00054	.0060	.00151
%RSD	.27210	1.0342	.22341	.34426	.31706	1.2079	.47289	.54019

#1	4.5503	1.0861	.11458	1.9252	1.1816	.04388	1.2675	.27842
#2	4.5385	1.1071	.11501	1.9209	1.1766	.04438	1.2793	.27962
#3	4.5632	1.1040	.11455	1.9339	1.1840	.04495	1.2713	.28142

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	1.7536	.23228	.92972	.21444	7.7045	.25871	.79685	6.1647
Stddev	.0051	.00143	.00912	.00043	.0330	.00216	.00281	.0242
%RSD	.29263	.61352	.98129	.20205	.42801	.83539	.35205	.39170

#1	1.7543	.23069	.91934	.21494	7.7081	.25654	.79594	6.1558
#2	1.7482	.23269	.93335	.21415	7.7355	.25872	.80000	6.1462
#3	1.7584	.23345	.93646	.21424	7.6698	.26086	.79462	6.1920

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	1.0690	1.5314	.01761	.39865	.19092	4.3179	43.676	
Stddev	.0028	.0070	.00028	.00065	.00066	.0249	.644	
%RSD	.26468	.45940	1.5634	.16253	.34516	.57679	1.4750	

#1	1.0677	1.5243	.01737	.39914	.19136	4.2902	42.954	
#2	1.0671	1.5383	.01756	.39791	.19016	4.3384	44.194	
#3	1.0723	1.5317	.01791	.39888	.19123	4.3250	43.878	

Sample Name: S4 Acquired: 12/13/2019 12:04:45 Type: Cal
Method: NON EPA-6010-200.7(v155) 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	1254.2	37367.	8700.2	1125.8	2231.6
Stddev	1.7	135.	42.2	7.0	2.4
%RSD	.13752	.36240	.48492	.62246	.10538
#1	1255.3	37521.	8690.5	1126.8	2230.5
#2	1255.1	37264.	8663.8	1118.3	2234.3
#3	1252.2	37317.	8746.4	1132.2	2229.9

Sample Name: S5 Acquired: 12/13/2019 12:08:45 Type: Cal
Method: NON EPA-6010-200.7(v155) 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	1.0776	.89444	1.6654	.95566	2.2169	.90815	55.116	1.2904
Stddev	.0030	.00209	.0020	.00210	.0032	.00642	.783	.0060
%RSD	.28229	.23357	.12262	.21958	.14654	.70743	1.4202	.46406

#1	1.0754	.89223	1.6632	.95400	2.2150	.90088	54.212	1.2898
#2	1.0811	.89473	1.6672	.95802	2.2207	.91052	55.547	1.2967
#3	1.0764	.89638	1.6658	.95497	2.2151	.91305	55.588	1.2848

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	9.2069	2.1714	.22861	3.8834	2.3349	.08939	2.5069	.55452
Stddev	.0160	.0176	.00109	.0061	.0050	.00088	.0220	.00486
%RSD	.17386	.80852	.47530	.15607	.21268	.98196	.87750	.87702

#1	9.1895	2.1511	.22849	3.8764	2.3310	.08865	2.4840	.54899
#2	9.2210	2.1817	.22758	3.8864	2.3405	.08916	2.5278	.55648
#3	9.2102	2.1813	.22975	3.8873	2.3333	.09036	2.5089	.55811

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.5210	.46478	1.8980	.42248	15.289	.52934	1.5616	12.315
Stddev	.0051	.00296	.0115	.00321	.101	.00479	.0139	.032
%RSD	.14368	.63735	.60795	.76004	.65947	.90574	.89101	.25942

#1	3.5180	.46571	1.8877	.41877	15.226	.52721	1.5635	12.280
#2	3.5181	.46146	1.8959	.42440	15.235	.52598	1.5746	12.343
#3	3.5268	.46716	1.9105	.42426	15.405	.53483	1.5469	12.320

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	2.1494	3.0324	.03634	.82555	.39567	8.6650	87.162	
Stddev	.0038	.0272	.00103	.00125	.00118	.0557	.910	
%RSD	.17838	.89648	2.8374	.15174	.29928	.64306	1.0436	

#1	2.1460	3.0038	.03521	.82411	.39430	8.6024	86.206	
#2	2.1487	3.0580	.03657	.82630	.39642	8.7091	88.016	
#3	2.1536	3.0354	.03723	.82625	.39627	8.6834	87.263	

Sample Name: S5 Acquired: 12/13/2019 12:08:45 Type: Cal
Method: NON EPA-6010-200.7(v155) 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	1211.9	36141.	8572.7	1081.0	2112.3
Stddev	.8	82.	41.1	7.2	1.4
%RSD	.06513	.22804	.47942	.66989	.06799
#1	1211.4	36142.	8576.8	1083.0	2110.7
#2	1211.4	36223.	8529.7	1087.0	2113.1
#3	1212.8	36059.	8611.6	1072.9	2113.2

Sample Name: ICV01 Acquired: 12/13/2019 12:12:43 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	.9732102	.9794952	.9840466	.9982683	.9840540	2.544835
Stddev	.0012570	.0020087	.0028726	.0058761	.0035774	.025958
%RSD	.1291569	.2050718	.2919183	.5886250	.3635423	1.020046

#1	.9745191	.9781339	.9819506	.9997953	.9854209	2.516229
#2	.9730988	.9785495	.9828681	1.003230	.9799946	2.566892
#3	.9720126	.9818021	.9873210	.991779	.9867465	2.551383

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5124968	.5018487	.4898563	9.864595	.5164841	.5011602
Stddev	.0032163	.0018753	.0008787	.096488	.0035794	.0005433
%RSD	.6275708	.3736838	.1793889	.9781211	.6930321	.1084032

#1	.5087976	.4997603	.4893470	9.753862	.5123612	.5005331
#2	.5146319	.5023972	.4908710	9.909310	.5182936	.5014617
#3	.5140609	.5033886	.4893510	9.930614	.5187974	.5014859

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5129605	9.800133	.5129814	5.885440	.5007733	.2482864
Stddev	.0025521	.075065	.0045907	.115749	.0015014	.0007245
%RSD	.4975171	.7659562	.8948974	1.966693	.2998242	.2918131

#1	.5142653	9.751183	.5080403	5.760056	.4993420	.2490527
#2	.5100198	9.762659	.5137898	5.908048	.5006417	.2476126
#3	.5145963	9.886557	.5171142	5.988217	.5023362	.2481938

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.529573	.4890331	.9974498	9.632220	2.493033	2.509414
Stddev	.066769	.0107721	.0011880	.080312	.005383	.010310
%RSD	.7006494	2.202743	.1191075	.8337819	.2159220	.4108655

#1	9.452716	.4785588	.9970626	9.539720	2.495638	2.503140
#2	9.562728	.5000803	.9965037	9.672750	2.486844	2.503789
#3	9.573275	.4884603	.9987831	9.684191	2.496618	2.521313

Sample Name: ICV01 Acquired: 12/13/2019 12:12:43 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	2.430733	2.478423	2.519464	F .0052363	F .0010751	F -.004353
Stddev	.006737	.019913	.024726	.0013904	.0067637	.000578
%RSD	.2771762	.8034414	.9814110	26.55370	629.1477	13.26860

#1	2.425002	2.455453	2.491650	.0067527	.0050464	-.004873
#2	2.429042	2.489026	2.538956	.0040213	-.006735	-.003732
#3	2.438155	2.490791	2.527785	.0049349	.004913	-.004454

Elem	Sr4077
Units	ppm
Avg	F -.008758
Stddev	.000096
%RSD	1.100898

#1	-.008691
#2	-.008714
#3	-.008868

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1303.457	38375.95	8872.916	1162.966	2411.274
Stddev	2.941	139.86	34.449	6.775	4.878
%RSD	.2256609	.3644540	.3882519	.5825795	.2022887

#1	1304.773	38262.13	8845.270	1158.221	2416.286
#2	1305.511	38333.64	8861.968	1159.952	2410.993
#3	1300.087	38532.08	8911.508	1170.725	2406.542

Sample Name: LLICV01 Acquired: 12/13/2019 12:22:10 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	.0212396	.0381475	.0134546	.0206901	.0542155	.1141837	.1064121
Stddev	.0031763	.0021114	.0018937	.0017492	.0016700	.0050482	.0004790
%RSD	14.95455	5.534754	14.07474	8.454130	3.080230	4.421105	.4501040

#1	.0222586	.0362558	.0115457	.0187828	.0550300	.1089278	.1061985
#2	.0176789	.0377614	.0153327	.0210683	.0553219	.1189947	.1060771
#3	.0237813	.0404252	.0134853	.0222192	.0522945	.1146286	.1069607

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066962	.0059370	2.122174	.0107093	.0309564	.0215822	.1026472
Stddev	.0001440	.0000216	.019430	.0003194	.0004319	.0001526	.0055466
%RSD	2.151052	.3636000	.9155583	2.982106	1.395142	.7069204	5.403517

#1	.0067931	.0059514	2.104954	.0107141	.0304602	.0217363	.0974345
#2	.0065307	.0059122	2.118330	.0110262	.0312479	.0214312	.1084762
#3	.0067649	.0059474	2.143239	.0103875	.0311610	.0215792	.1020307

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219787	2.111043	.0424189	.0111188	1.985210	.0389585	.0460270
Stddev	.0008875	.035264	.0004789	.0001631	.033106	.0016058	.0001023
%RSD	4.037908	1.670441	1.128863	1.467219	1.667657	4.121739	.2222614

#1	.0209893	2.070560	.0429518	.0112605	1.947102	.0386815	.0459090
#2	.0222423	2.135074	.0422801	.0111554	2.006888	.0375093	.0460808
#3	.0227045	2.127496	.0420248	.0109404	2.001641	.0406848	.0460912

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.963452	.1032020	.2125200	.0331122	.0412376	.4101903	.0200400
Stddev	.020242	.0013385	.0004218	.0010051	.0008173	.0038644	.0012558
%RSD	1.030920	1.297011	.1984748	3.035487	1.982003	.9420888	6.266270

#1	1.969643	.1043330	.2120773	.0328064	.0407202	.4108288	.0189782
#2	1.979876	.1017242	.2129173	.0322954	.0421799	.4060465	.0214261
#3	1.940838	.1035488	.2125653	.0342346	.0408128	.4136956	.0197156

Sample Name: LLICV01 Acquired: 12/13/2019 12:22:10 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	.0172371	.0167134	.0217624
Stddev	.0017760	.0008692	.0001149
%RSD	10.30363	5.200766	.5277895

#1	.0154038	.0159444	.0216379
#2	.0173578	.0176565	.0217849
#3	.0189498	.0165392	.0218643

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1332.307	39118.27	9001.291	1186.912	2531.816
Stddev	5.312	266.39	36.623	8.919	12.707
%RSD	.3986979	.6809916	.4068651	.7514865	.5019021

#1	1326.613	39305.59	8959.708	1194.004	2520.868
#2	1337.129	38813.31	9015.422	1176.898	2545.751
#3	1333.179	39235.91	9028.744	1189.834	2528.830

Sample Name: ICB01 Acquired: 12/13/2019 12:31:27 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	-.000900	-.002395	.0017769	.0033622	-.000192	-.005124	.0006956
Stddev	.003611	.002087	.0018954	.0023373	.001285	.002869	.0004665
%RSD	401.3931	87.11557	106.6690	69.51694	668.8446	55.98306	67.06735

#1	.000149	-.004409	.0010238	.0051305	.001255	-.005987	.0001593
#2	.002071	-.000243	.0039330	.0007123	-.000630	-.007462	.0009195
#3	-.004919	-.002534	.0003737	.0042439	-.001202	-.001923	.0010079

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001502	-.000031	-.003427	.0004103	.0002538	.0003219	-.003480
Stddev	.0000497	.000064	.007759	.0003282	.0003792	.0003205	.001251
%RSD	33.11985	206.8204	226.4228	79.97574	149.3654	99.56483	35.93388

#1	.0001042	.000000	-.011294	.0004130	-.000176	.0001121	-.002464
#2	.0001433	-.000104	-.003207	.0007372	.000539	.0006909	-.003101
#3	.0002030	.000011	.004220	.0000808	.000398	.0001628	-.004877

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000083	-.028445	.0005093	.0003469	-.052053	-.000569	-.000324
Stddev	.000103	.024360	.0003725	.0001172	.010792	.002979	.000622
%RSD	124.0855	85.63718	73.13198	33.79962	20.73295	523.2448	191.8803

#1	-.000192	-.005837	.0007276	.0004280	-.064513	-.000525	.000308
#2	-.000073	-.025257	.0007210	.0002124	-.045641	.002387	-.000344
#3	.000015	-.054242	.0000792	.0004001	-.046005	-.003570	-.000936

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133436	-.001327	.0002979	-.001948	.0002623	-.014784	.0009329
Stddev	.0226587	.001890	.0004906	.000408	.0016572	.015450	.0004555
%RSD	169.8092	142.4358	164.7044	20.96809	631.8633	104.5028	48.82756

#1	.0093773	-.002821	.0007503	-.001861	-.000502	-.025923	.0013613
#2	.0377236	-.001959	.0003670	-.002392	.002164	.002854	.0004544
#3	-.007070	.000798	-.000224	-.001589	-.000875	-.021283	.0009832

Sample Name: ICB01 Acquired: 12/13/2019 12:31:27 Type: Unk
 Method: NON EPA-6010-200.7(v155) 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	-.004191	-.003419	.0000361
Stddev	.001717	.001534	.0000081
%RSD	40.96616	44.86444	22.55091

#1	-.006171	-.005059	.0000329
#2	-.003105	-.003181	.0000300
#3	-.003298	-.002018	.0000453

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1298.381	37884.55	8770.638	1140.682	2483.275
Stddev	7.146	155.18	36.742	5.735	7.014
%RSD	.5503940	.4096175	.4189187	.5027570	.2824677

#1	1292.174	37861.11	8800.490	1134.493	2476.372
#2	1296.777	37742.42	8781.819	1145.816	2483.058
#3	1306.193	38050.11	8729.604	1141.736	2490.396

Sample Name: CRI01 Acquired: 12/13/2019 12:35:29 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	.0238080	.0394909	.0130511	.0258098	.0532875	.1104759	.1067830
Stddev	.0016899	.0003359	.0031883	.0018440	.0015626	.0160976	.0014574
%RSD	7.097921	.8506871	24.42934	7.144521	2.932327	14.57117	1.364865

#1	.0219721	.0392740	.0152185	.0237749	.0517921	.1182361	.1051042
#2	.0241533	.0398779	.0093902	.0262846	.0549095	.1212233	.1077240
#3	.0252985	.0393209	.0145446	.0273700	.0531608	.0919681	.1075209

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066173	.0058941	2.120051	.0107594	.0308213	.0219704	.1085997
Stddev	.0000806	.0001847	.022014	.0005136	.0001548	.0004765	.0086450
%RSD	1.218449	3.133211	1.038351	4.773853	.5021590	2.168738	7.960453

#1	.0065281	.0058591	2.096979	.0103158	.0308277	.0215653	.1062606
#2	.0066850	.0060938	2.140826	.0106402	.0309728	.0224954	.1181735
#3	.0066388	.0057295	2.122349	.0113221	.0306635	.0218506	.1013648

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220697	2.114672	.0419970	.0110715	2.019661	.0385692	.0446150
Stddev	.0006510	.039880	.0002795	.0006221	.042108	.0046641	.0008655
%RSD	2.949573	1.885881	.6655406	5.619091	2.084923	12.09271	1.940011

#1	.0213871	2.084069	.0423183	.0112561	1.980842	.0332643	.0440906
#2	.0226836	2.159773	.0418625	.0103780	2.013714	.0404174	.0441403
#3	.0221383	2.100173	.0418102	.0115805	2.064427	.0420259	.0456140

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.040836	.0984740	.2126886	.0335162	.0411890	.3936886	.0188616
Stddev	.034861	.0024835	.0006795	.0003685	.0007369	.0277649	.0008567
%RSD	1.708172	2.522000	.3194949	1.099463	1.789059	7.052498	4.542286

#1	2.004281	.0957426	.2120157	.0333125	.0420238	.3789757	.0189091
#2	2.073711	.1005963	.2133745	.0332947	.0406291	.3763765	.0179821
#3	2.044515	.0990833	.2126756	.0339416	.0409140	.4257135	.0196936

Sample Name: CRI01 Acquired: 12/13/2019 12:35:29 Type: Unk
 Method: NON EPA-6010-200.7(v155) 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	.0168069	.0174743	.0219306
Stddev	.0012111	.0003669	.0002775
%RSD	7.205801	2.099729	1.265399

#1	.0159845	.0176202	.0216125
#2	.0181976	.0177459	.0221227
#3	.0162385	.0170569	.0220567

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1325.060	38642.82	9072.636	1179.479	2520.940
Stddev	3.616	232.35	47.501	7.743	4.437
%RSD	.2728729	.6012662	.5235614	.6565000	.1760123

#1	1328.957	38831.85	9057.239	1172.499	2520.462
#2	1321.814	38713.18	9034.743	1178.131	2516.761
#3	1324.408	38383.42	9125.925	1187.808	2525.597

Sample Name: ICSA01 Acquired: 12/13/2019 12:42:06 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	.0190778	.0096782	.0000174	-.018234	.0491125	259.7297
Stddev	.0015984	.0002768	.0026771	.002862	.0022454	3.5332
%RSD	8.378123	2.860586	15395.98	15.69445	4.571910	1.360333

#1	.0203030	.0093611	-.002924	-.021529	.0489175	255.7493
#2	.0172698	.0098719	.000664	-.016792	.0469710	260.9447
#3	.0196605	.0098016	.002312	-.016379	.0514491	262.4951

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076677	.0028118	.0036630	239.2056	.0583769	.0056022
Stddev	.0003140	.0002968	.0000914	3.8686	.0004805	.0006516
%RSD	4.094464	10.55710	2.494231	1.617290	.8230260	11.63136

#1	.0076682	.0027257	.0037395	234.8670	.0585827	.0060228
#2	.0079814	.0025676	.0035618	240.4534	.0578279	.0048516
#3	.0073535	.0031422	.0036876	242.2963	.0587203	.0059323

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000218	100.7839	.0143831	255.8518	.0193016	-.000116
Stddev	.000363	1.4565	.0001435	3.8177	.0009837	.000853
%RSD	166.6653	1.445128	.9980481	1.492135	5.096479	734.1232

#1	.000135	99.1412	.0142194	251.6606	.0203788	-.001101
#2	-.000198	101.2933	.0144878	256.7642	.0190753	.000351
#3	-.000590	101.9173	.0144420	259.1306	.0184509	.000401

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013476	-.007724	.0046098	-.020324	.0176521	-.015542
Stddev	.012404	.001716	.0009740	.002546	.0029775	.000149
%RSD	92.04615	22.22136	21.12871	12.52626	16.86801	.9591661

#1	-.004317	-.009482	.0038789	-.018996	.0145116	-.015378
#2	-.027592	-.006052	.0057155	-.018717	.0180103	-.015670
#3	-.008519	-.007638	.0042349	-.023259	.0204343	-.015578

Sample Name: ICSA01 Acquired: 12/13/2019 12:42:06 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	-.002884	.0008884	.0130197	F .0242843	F -.028745	.0016067
Stddev	.002516	.0018435	.0099092	.0038535	.013679	.0021947
%RSD	87.22510	207.5041	76.10951	15.86816	47.58564	136.5938

#1	-.004856	.0001549	.0244440	.0264495	-.014818	.0033216
#2	-.003745	.0029858	.0078604	.0265682	-.042160	-.000867
#3	-.000051	-.000475	.0067546	.0198352	-.029257	.002365

Elem	Sr4077
Units	ppm
Avg	-.001698
Stddev	.000234
%RSD	13.78704

#1	-.001504
#2	-.001958
#3	-.001631

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1166.763	33913.33	8496.390	1024.427	1980.105
Stddev	2.789	54.69	15.442	2.690	5.994
%RSD	.2390368	.1612592	.1817468	.2626094	.3027286

#1	1165.548	33963.48	8512.652	1025.646	1975.858
#2	1169.953	33855.02	8494.593	1021.343	1986.961
#3	1164.787	33921.50	8481.925	1026.292	1977.495

Sample Name: ICSAB01 Acquired: 12/13/2019 12:46:06 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	.1170262	.0847584	.0536723	.0271657	.6406029	255.4367
Stddev	.0056647	.0038180	.0023822	.0017107	.0016544	1.4784
%RSD	4.840494	4.504556	4.438361	6.297361	.2582550	.5787587

#1	.1234895	.0803809	.0509225	.0255266	.6395401	253.7902
#2	.1129241	.0874001	.0549872	.0270303	.6397596	256.6501
#3	.1146651	.0864942	.0551073	.0289400	.6425090	255.8698

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5130292	.4885590	.9857133	235.9826	.5605635	.5047303
Stddev	.0031789	.0046885	.0109149	1.5248	.0012387	.0012695
%RSD	.6196434	.9596504	1.107311	.6461691	.2209719	.2515229

#1	.5096295	.4913896	.9731141	234.2769	.5609755	.5032927
#2	.5159278	.4911404	.9917276	237.2135	.5591713	.5052009
#3	.5135305	.4831472	.9922981	236.4576	.5615436	.5056974

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4821324	99.12556	.4961471	252.4929	1.003395	.2124263
Stddev	.0015144	1.20673	.0040374	1.3839	.001525	.0007161
%RSD	.3140938	1.217377	.8137432	.5481056	.1520116	.3371051

#1	.4834245	97.92455	.4927560	251.0294	1.001748	.2125814
#2	.4804660	99.11422	.5006131	253.7804	1.003678	.2116453
#3	.4825066	100.3379	.4950722	252.6690	1.004759	.2130521

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168940	.4825944	1.022626	-.007415	1.027401	1.040628
Stddev	.0064494	.0035895	.002996	.039134	.007083	.002785
%RSD	38.17562	.7437933	.2929817	527.7974	.6893826	.2676112

#1	.0103968	.4786537	1.019190	.026106	1.028260	1.040865
#2	.0232945	.4834521	1.023994	.002069	1.034015	1.037732
#3	.0169906	.4856774	1.024695	-.050419	1.019928	1.043287

Sample Name: ICSAB01 Acquired: 12/13/2019 12:46:06 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	1.075122	1.040301	1.091306	F .0200976	F -.030840	F .0005470
Stddev	.003027	.006722	.022107	.0058804	.004767	.0021663
%RSD	.2815864	.6461915	2.025746	29.25954	15.45616	395.9872

#1	1.071817	1.032566	1.076901	.0267380	-.035656	-.000767
#2	1.077762	1.043607	1.080258	.0155494	-.030741	.003047
#3	1.075787	1.044730	1.116760	.0180052	-.026124	-.000639

Elem	Sr4077
Units	ppm
Avg	F -.000927
Stddev	.000775
%RSD	83.60928

#1	-.000567
#2	-.000397
#3	-.001817

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1177.004	34214.53	8524.789	1035.639	1996.003
Stddev	10.984	95.70	79.691	3.210	17.913
%RSD	.9332130	.2797187	.9348102	.3099815	.8974641

#1	1189.216	34136.55	8459.266	1037.855	2016.686
#2	1173.863	34321.34	8501.598	1037.104	1985.894
#3	1167.933	34185.72	8613.502	1031.957	1985.430

Sample Name: CCV01 Acquired: 12/13/2019 12:49:54 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	5.030272	5.025278	5.017650	5.055527	5.003987	10.08026	10.06630
Stddev	.008941	.006465	.014374	.015014	.011569	.12229	.12861
%RSD	.1777473	.1286442	.2864608	.2969777	.2311870	1.213175	1.277599

#1	5.025061	5.020934	5.019222	5.039824	5.002692	10.05688	9.93559
#2	5.025159	5.022193	5.002555	5.057017	4.993121	9.97136	10.07060
#3	5.040596	5.032708	5.031173	5.069740	5.016149	10.21256	10.19270

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2470776	2.485568	25.03258	1.017625	2.500116	1.261023	5.123211
Stddev	.0029667	.004875	.25293	.001678	.007332	.003495	.057765
%RSD	1.200701	.1961306	1.010415	.1648474	.2932695	.2771702	1.127514

#1	.2472790	2.479939	24.87908	1.015697	2.492360	1.257586	5.081899
#2	.2440153	2.488302	24.89415	1.018756	2.501053	1.260910	5.189219
#3	.2499384	2.488461	25.32451	1.018420	2.506934	1.264573	5.098516

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.469622	25.14315	2.505279	1.277329	25.36400	2.511076	2.536296
Stddev	.034644	.23279	.003103	.005054	.23373	.022307	.008108
%RSD	1.402805	.9258555	.1238640	.3956746	.9215194	.8883516	.3196788

#1	2.442145	24.87836	2.503110	1.282120	25.11328	2.485484	2.543176
#2	2.458184	25.31564	2.503893	1.272047	25.57587	2.521339	2.538354
#3	2.508539	25.23544	2.508834	1.277821	25.40286	2.526403	2.527357

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.58620	4.929764	5.011043	5.006803	4.964437	5.144707	4.983783
Stddev	.13230	.065960	.008061	.001425	.051945	.073240	.005435
%RSD	.5170794	1.337999	.1608631	.0284574	1.046345	1.423591	.1090636

#1	25.56136	4.931876	5.001857	5.005235	4.921003	5.062416	4.983803
#2	25.72915	4.862774	5.014337	5.007156	4.950329	5.202739	4.978338
#3	25.46807	4.994643	5.016936	5.008019	5.021979	5.168965	4.989209

Sample Name: CCV01 Acquired: 12/13/2019 12:49:54 Type: Unk
 Method: NON EPA-6010-200.7(v155) 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	4.952569	4.976746	5.073626
Stddev	.005858	.048580	.096967
%RSD	.1182779	.9761371	1.911188

#1	4.959051	4.951443	4.991046
#2	4.951003	4.946040	5.049434
#3	4.947654	5.032754	5.180398

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1239.281	36519.10	8735.650	1094.958	2209.118
Stddev	1.962	128.23	76.588	6.850	1.807
%RSD	.1583215	.3511399	.8767285	.6255921	.0818037

#1	1241.434	36493.84	8710.268	1090.361	2211.150
#2	1238.815	36405.38	8821.707	1091.682	2207.690
#3	1237.594	36658.09	8674.975	1102.830	2208.513

Sample Name: LLCCV01 Acquired: 12/13/2019 12:53:54 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	.0184075	.0384851	.0137660	.0211459	.0519749	.1118311
Stddev	.0036083	.0015404	.0026177	.0025281	.0024285	.0138145
%RSD	19.60230	4.002567	19.01611	11.95541	4.672504	12.35300

#1	.0166598	.0368039	.0111970	.0208986	.0491876	.0992374
#2	.0225569	.0388225	.0136711	.0237886	.0531015	.1266067
#3	.0160059	.0398288	.0164299	.0187506	.0536354	.1096493

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1021098	.0064078	.0057897	2.019198	.0105506	.0295962
Stddev	.0007937	.0000434	.0001446	.030121	.0000949	.0005100
%RSD	.7773142	.6776507	2.497618	1.491732	.8994150	1.723030

#1	.1018891	.0063873	.0059167	1.985867	.0104673	.0291291
#2	.1014498	.0064577	.0056323	2.027259	.0105307	.0295194
#3	.1029905	.0063785	.0058201	2.044469	.0106539	.0301402

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213649	.1000688	.0213241	2.002049	.0403498	.0112766
Stddev	.0003933	.0023073	.0002317	.033334	.0001784	.0003454
%RSD	1.840846	2.305721	1.086653	1.664998	.4421338	3.063040

#1	.0213164	.0994494	.0213487	1.971060	.0401573	.0108867
#2	.0217802	.0981343	.0215426	1.997772	.0403825	.0115443
#3	.0209981	.1026225	.0210811	2.037316	.0405096	.0113987

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.950868	.0363313	.0424011	1.958230	.1013552	.2039383
Stddev	.032038	.0019445	.0006758	.102242	.0017485	.0003706
%RSD	1.642227	5.352117	1.593862	5.221132	1.725093	.1817350

#1	1.916814	.0346478	.0418562	1.851185	.1033002	.2043625
#2	1.955380	.0384597	.0431573	1.968630	.0999139	.2036766
#3	1.980411	.0358863	.0421899	2.054873	.1008514	.2037759

Sample Name: LLCCV01 Acquired: 12/13/2019 12:53:54 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	.0335787	.0386838	.3922531	.0193202	.0178612	F .0154818
Stddev	.0003499	.0003950	.0112770	.0017577	.0017336	.0007564
%RSD	1.042109	1.021208	2.874928	9.097768	9.706084	4.885400

#1	.0338001	.0382277	.4052518	.0187357	.0159022	.0158303
#2	.0337606	.0389060	.3850864	.0212957	.0191975	.0160011
#3	.0331753	.0389178	.3864211	.0179292	.0184838	.0146140

Elem	Sr4077
Units	ppm
Avg	.0210751
Stddev	.0001677
%RSD	.7957904

#1	.0209058
#2	.0210781
#3	.0212412

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1296.083	37501.47	8790.459	1143.950	2451.870
Stddev	2.491	237.21	45.055	5.559	6.070
%RSD	.1921629	.6325275	.5125456	.4859752	.2475583

#1	1293.221	37488.21	8745.626	1143.438	2446.706
#2	1297.766	37745.04	8835.733	1149.748	2458.556
#3	1297.260	37271.18	8790.017	1138.665	2450.349

Sample Name: CCB01 Acquired: 12/13/2019 12:57:57 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	-.000154	-.002293	.0015778	.0028416	.0002656	.0056581	.0004817
Stddev	.001705	.002769	.0007698	.0031749	.0014571	.0087055	.0007761
%RSD	1104.879	120.7734	48.79190	111.7287	548.5845	153.8588	161.1420

#1	-.002068	-.004924	.0024421	.0025426	.0019413	.0092282	.0002513
#2	.000401	.000596	.0013256	.0061554	-.000704	.0120111	-.000153
#3	.001204	-.002551	.0009657	-.000173	-.000440	-.004265	.001347

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002488	.0000484	.0051421	.0002174	-.000035	-.000102	-.001578
Stddev	.0000540	.0001319	.0074344	.0007672	.000120	.000150	.004651
%RSD	21.69617	272.2227	144.5780	352.8668	339.2427	147.0901	294.7695

#1	.0002351	.0001701	.0029180	-.000613	-.000156	.000064	-.006512
#2	.0003083	.0000669	.0134348	.000899	.000083	-.000141	.002724
#3	.0002030	-.000092	-.000926	.000366	-.000032	-.000230	-.000945

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000068	-.020384	.0002137	.0009204	-.047131	-.003450	-.000158
Stddev	.000219	.017782	.0005872	.0004983	.003446	.002795	.000291
%RSD	320.3435	87.23574	274.7705	54.13929	7.312394	81.01120	184.5843

#1	.000127	-.000163	.0008846	.0014391	-.049741	-.005370	.000178
#2	-.000305	-.033583	-.000207	.0008768	-.043224	-.000244	-.000336
#3	-.000027	-.027405	-.000037	.0004454	-.048428	-.004735	-.000315

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.036170	-.001038	.0002168	-.003517	.0008092	-.002651	.0012813
Stddev	.031386	.000621	.0001200	.000721	.0002500	.006710	.0026338
%RSD	86.77553	59.81538	55.34132	20.49847	30.89893	253.1033	205.5463

#1	.000071	-.001583	.0000833	-.002832	.0009132	-.005802	.0041537
#2	-.053982	-.000363	.0003156	-.003450	.0009905	.005055	-.001020
#3	-.054597	-.001167	.0002516	-.004269	.0005240	-.007206	.000711

Sample Name: CCB01 Acquired: 12/13/2019 12:57:57 Type: Unk
 Method: NON EPA-6010-200.7(v155) 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	-.000345	-.003901	-.000057
Stddev	.000811	.000480	.000034
%RSD	234.7521	12.30010	59.89343

#1	-.000949	-.004332	-.000058
#2	.000576	-.003986	-.000092
#3	-.000664	-.003384	-.000023

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1298.941	37890.12	8836.624	1145.105	2487.185
Stddev	5.416	79.98	105.404	4.101	1.189
%RSD	.4169498	.2110867	1.192810	.3580943	.0477937

#1	1305.195	37861.71	8732.179	1145.498	2488.530
#2	1295.797	37828.23	8834.733	1148.995	2486.753
#3	1295.830	37980.43	8942.961	1140.822	2486.273

Sample Name: K6196-06 Acquired: 12/13/2019 13:47:43 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	.0017920	-.001986	-.009080	.0369264	.0135520	-.016531	.1092557
Stddev	.0026635	.002423	.001157	.0011256	.0009913	.007890	.0008140
%RSD	148.6325	121.9756	12.74539	3.048237	7.314773	47.73121	.7450815

#1	.0020238	-.000662	-.010401	.0366389	.0127187	-.023383	.1084604
#2	-.000980	-.004782	-.008247	.0381678	.0132889	-.018304	.1100873
#3	.004332	-.000514	-.008591	.0359724	.0146483	-.007904	.1092194

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003611	-.000066	33.05863	-.000241	.0013408	.0026989	-.011806
Stddev	.0000575	.000159	.17453	.000468	.0002407	.0006340	.012377
%RSD	15.93344	241.4937	.5279548	194.2924	17.95479	23.48982	104.8386

#1	.0003769	.000081	32.85733	-.000357	.0011368	.0023936	-.012626
#2	.0004090	-.000043	33.16776	-.000640	.0016063	.0022754	-.023753
#3	.0002973	-.000235	33.15079	.000274	.0012792	.0034278	.000961

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0579312	19.19238	.0048253	.0011006	59.43740	-.002870	.0015688
Stddev	.0004184	.09338	.0004780	.0005138	.42872	.001985	.0002508
%RSD	.7222570	.4865471	9.905806	46.68355	.7213023	69.15803	15.98837

#1	.0574750	19.08535	.0044602	.0016932	58.94541	-.002436	.0017713
#2	.0580215	19.23462	.0053663	.0007805	59.63576	-.001138	.0016469
#3	.0582971	19.25718	.0046494	.0008280	59.73102	-.005036	.0012882

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.693512	.1270809	-.002925	-.006204	.0012726	4.884478	.0038321
Stddev	.066909	.0020660	.000287	.000328	.0007794	.040527	.0024287
%RSD	2.484092	1.625700	9.818649	5.292308	61.24090	.8297036	63.37775

#1	2.695297	.1293244	-.003207	-.005915	.0021725	4.838912	.0027699
#2	2.759512	.1266616	-.002935	-.006136	.0008117	4.898029	.0021155
#3	2.625729	.1252568	-.002633	-.006561	.0008338	4.916493	.0066110

Sample Name: K6196-06 Acquired: 12/13/2019 13:47:43 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	4.196348	.0049159	.0867945
Stddev	.010134	.0014298	.0002509
%RSD	.2414968	29.08517	.2891103

#1	4.190937	.0053525	.0865249
#2	4.190068	.0033188	.0870213
#3	4.208039	.0060766	.0868373

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1254.029	36938.33	8785.211	1118.416	2291.481
Stddev	3.607	155.98	40.878	5.201	6.692
%RSD	.2876637	.4222791	.4653091	.4650241	.2920344

#1	1258.083	36830.39	8742.230	1112.418	2297.904
#2	1252.829	37117.17	8823.598	1121.171	2291.989
#3	1251.174	36867.43	8789.805	1121.661	2284.549

Sample Name: K6196-08 Acquired: 12/13/2019 13:59:41 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	-.002374	-.001398	-.001421	.0111211	.0041141	.0103365	.0143319
Stddev	.001284	.001916	.001897	.0026391	.0007058	.0079033	.0006961
%RSD	54.08684	137.0245	133.5175	23.73101	17.15582	76.45973	4.856752

#1	-.003839	-.001806	-.003262	.0127160	.0045846	.0091829	.0135405
#2	-.001440	.000689	.000528	.0125725	.0033025	.0187532	.0148491
#3	-.001845	-.003078	-.001528	.0080748	.0044551	.0030735	.0146061

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000896	-.000053	5.798111	-.000171	.0005027	.0007135	.0539222
Stddev	.0000261	.000246	.047219	.000084	.0003116	.0001456	.0208226
%RSD	29.14094	468.4015	.8143866	48.94672	61.99596	20.41083	38.61611

#1	.0001154	.000058	5.743588	-.000233	.0003538	.0008219	.0749259
#2	.0000632	.000119	5.825233	-.000202	.0002934	.0007708	.0535551
#3	.0000900	-.000334	5.825512	-.000076	.0008609	.0005480	.0332855

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117042	4.124884	.0006564	.0007679	12.33914	-.001093	-.000460
Stddev	.0004666	.056857	.0004211	.0001590	.09222	.003628	.001299
%RSD	3.986266	1.378385	64.16117	20.70780	.7473823	331.9819	282.1812

#1	.0111776	4.076651	.0005627	.0006397	12.23267	-.001658	-.001960
#2	.0118687	4.110428	.0011164	.0007182	12.39100	-.004405	.000271
#3	.0120662	4.187574	.0002900	.0009459	12.39376	.002785	.000309

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3877605	.0031516	-.000807	-.003418	.0022002	.9149670	.0023204
Stddev	.0114575	.0014059	.000141	.000409	.0013985	.0125108	.0005152
%RSD	2.954777	44.60902	17.43169	11.97117	63.56126	1.367354	22.20448

#1	.3857941	.0018039	-.000931	-.003401	.0035662	.9006430	.0029152
#2	.3774135	.0046093	-.000837	-.003018	.0022631	.9237533	.0020108
#3	.4000739	.0030416	-.000654	-.003836	.0007714	.9205048	.0020352

Sample Name: K6196-08 Acquired: 12/13/2019 13:59:41 Type: Unk
 Method: NON EPA-6010-200.7(v155) 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	.5909063	-.002590	.0164891
Stddev	.0048125	.002505	.0002429
%RSD	.8144288	96.72668	1.472910

#1	.5858543	-.004376	.0162131
#2	.5914278	.000274	.0165842
#3	.5954368	-.003668	.0166701

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1263.962	36912.79	8812.918	1127.322	2381.112
Stddev	2.382	84.16	83.841	19.625	3.717
%RSD	.1884503	.2280043	.9513477	1.740825	.1561129

#1	1261.437	36818.38	8788.371	1111.365	2376.822
#2	1266.169	36940.02	8744.090	1121.366	2383.140
#3	1264.280	36979.97	8906.294	1149.234	2383.374

Sample Name: K5792-01 Acquired: 12/13/2019 14:03:43 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	.1317313	-.044100	2.501021	-.368843	.0349531	171.3024
Stddev	.0039473	.007436	.001739	.005107	.0030283	2.1792
%RSD	2.996487	16.86067	.0695324	1.384564	8.663980	1.272150

#1	.1342638	-.051237	2.502538	-.369548	.0316171	168.7862
#2	.1271831	-.036398	2.501402	-.373560	.0375290	172.5808
#3	.1337470	-.044665	2.499123	-.363420	.0357133	172.5403

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.514817	.0196034	.0532292	531.7158	.4245015	.1534444
Stddev	.017067	.0003668	.0005796	5.8993	.0015352	.0005419
%RSD	1.126690	1.871248	1.088942	1.109481	.3616458	.3531569

#1	1.495116	.0195324	.0538057	525.0149	.4228199	.1540645
#2	1.525092	.0200005	.0526464	536.1270	.4258281	.1530616
#3	1.524245	.0192773	.0532356	534.0055	.4248565	.1532072

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5902614	385.8389	3.887141	157.4493	1.722160	-.062758
Stddev	.0042731	4.6398	.046200	1.8214	.004453	.001044
%RSD	.7239315	1.202521	1.188539	1.156786	.2585428	1.663438

#1	.5935840	380.4817	3.834605	155.4484	1.723536	-.062956
#2	.5854411	388.4664	3.921438	159.0107	1.717182	-.063688
#3	.5917592	388.5687	3.905380	157.8888	1.725762	-.061629

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.89509	.2869714	1.976377	25.28379	.4605970	.0331758
Stddev	.25442	.0054401	.008855	.35770	.0181978	.0010938
%RSD	1.505867	1.895688	.4480191	1.414739	3.950909	3.296830

#1	16.60131	.2824147	1.986482	24.87133	.4412183	.0343194
#2	17.04116	.2855052	1.969972	25.47124	.4632501	.0330679
#3	17.04279	.2929943	1.972678	25.50881	.4773226	.0321399

Sample Name: K5792-01 Acquired: 12/13/2019 14:03:43 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	-.000390	3.688049	F 26.94670	F 10.47464	17.37517	.2810845
Stddev	.001650	.039676	.30065	.00912	.01350	.0044921
%RSD	422.9184	1.075800	1.115712	.0870215	.0777080	1.598126

#1	.000094	3.642237	26.61509	10.47885	17.36550	.2759538
#2	-.002229	3.711376	27.02352	10.48089	17.39060	.2829894
#3	.000964	3.710533	27.20148	10.46418	17.36941	.2843102

Elem	Sr4077
Units	ppm
Avg	1.472253
Stddev	.017683
%RSD	1.201112

#1	1.452232
#2	1.485737
#3	1.478791

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1418.226	42263.77	10677.55	1259.035	1961.091
Stddev	5.094	180.81	64.87	2.158	6.857
%RSD	.3592068	.4278160	.6075483	.1713806	.3496702

#1	1422.820	42359.96	10677.43	1258.854	1965.073
#2	1419.110	42055.20	10612.74	1256.974	1965.026
#3	1412.747	42376.15	10742.49	1261.278	1953.172

Sample Name: K6247-06 Acquired: 12/13/2019 16:19:17 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	.0013933	-.003400	-.003432	.0042606	.0035363	.0317144	.1315151
Stddev	.0064143	.000696	.001365	.0026503	.0039724	.0122485	.0009492
%RSD	460.3685	20.46607	39.76364	62.20428	112.3328	38.62119	.7217636

#1	-.005324	-.003995	-.004522	.0068473	.0022840	.0180370	.1304941
#2	.002049	-.003569	-.003873	.0015510	.0003409	.0416709	.1316802
#3	.007455	-.002635	-.001902	.0043836	.0079840	.0354353	.1323709

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002079	.0000977	4.261834	.0003452	.0006728	.0006108	.0223136
Stddev	.0000360	.0001747	.020292	.0003913	.0000532	.0005491	.0100664
%RSD	17.32503	178.8875	.4761303	113.3792	7.907043	89.90026	45.11336

#1	.0002379	.0002572	4.242366	.0000554	.0006147	.0003935	.0333000
#2	.0002178	-.000089	4.260275	.0001897	.0006848	.0002036	.0135330
#3	.0001679	.000125	4.282860	.0007903	.0007191	.0012353	.0201077

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130050	.7090563	.0009312	.0004949	131.7276	-.002077	.0855789
Stddev	.0002425	.0329405	.0002999	.0004418	.7880	.000714	.0009831
%RSD	1.864561	4.645682	32.20308	89.26846	.5982136	34.38884	1.148781

#1	.0131495	.6716787	.0010685	.0004349	130.9569	-.001308	.0847273
#2	.0127250	.7338495	.0011379	.0000862	132.5318	-.002720	.0866548
#3	.0131404	.7216405	.0005873	.0009636	131.6941	-.002202	.0853547

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3393037	.0197345	-.000552	-.002525	.0010729	.2442407	.0010358
Stddev	.0283573	.0011718	.000346	.000891	.0015481	.0140603	.0016024
%RSD	8.357494	5.937668	62.60179	35.28504	144.3001	5.756759	154.7010

#1	.3186025	.0199989	-.000765	-.003165	.0024720	.2581689	-.000235
#2	.3276832	.0207515	-.000738	-.002902	.0013369	.2445014	.002836
#3	.3716255	.0184531	-.000153	-.001507	-.000590	.2300518	.000506

Sample Name: K6247-06 Acquired: 12/13/2019 16:19:17 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	.3410267	-.003761	.0262273
Stddev	.0036507	.000808	.0001793
%RSD	1.070493	21.47805	.6837106

#1	.3448733	-.003047	.0260814
#2	.3376101	-.004638	.0261730
#3	.3405968	-.003598	.0264275

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1206.422	35492.95	8443.571	1061.721	2181.661
Stddev	2.546	90.33	52.341	3.452	5.662
%RSD	.2110462	.2544872	.6198882	.3251524	.2595254

#1	1208.738	35440.40	8405.776	1062.606	2188.125
#2	1203.695	35441.21	8503.312	1057.912	2179.278
#3	1206.833	35597.25	8421.625	1064.644	2177.580

Sample Name: PB125453BL Acquired: 12/13/2019 16:23:19 Type: Unk
Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB125453BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013469	-.002352	.0001462	.0000256	.0002728	.0133170	.0004706
Stddev	.0039485	.000102	.0008722	.0026637	.0007698	.0057610	.0001726
%RSD	293.1610	4.316347	596.6566	10396.05	282.1742	43.26045	36.68391

#1	.0022308	-.002304	.0011323	-.002867	.0000092	.0073190	.0004253
#2	-.002969	-.002284	-.000524	.000566	.0011397	.0138245	.0006614
#3	.004779	-.002469	-.000170	.002378	-.000331	.0188074	.0003252

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001941	-.000103	.0007521	-.000142	-.000201	-.000215	.0023421
Stddev	.0001282	.000060	.0043375	.000331	.000108	.000333	.0026503
%RSD	66.04971	58.22614	576.7280	232.2866	53.59897	155.3981	113.1605

#1	.0000787	-.000080	-.002245	.000134	-.000091	.000151	.0053986
#2	.0003321	-.000057	.005726	-.000509	-.000306	-.000502	.0006821
#3	.0001715	-.000170	-.001224	-.000053	-.000207	-.000293	.0009455

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000300	-.036935	.0002543	.0007429	-.043798	-.002727	-.000430
Stddev	.000718	.003326	.0005533	.0007406	.004790	.005675	.000872
%RSD	239.4544	9.003850	217.5681	99.68602	10.93611	208.1173	202.8114

#1	.000280	-.039820	.0000674	-.000001	-.049199	-.003720	.000111
#2	-.001103	-.037688	-.000181	.001481	-.040067	-.007839	.000035
#3	-.000076	-.033298	.000877	.000749	-.042127	.003379	-.001436

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016306	-.008953	-.000265	-.003090	.0005230	-.001673	-.000013
Stddev	.027016	.000964	.000508	.000381	.0009190	.016992	.003399
%RSD	165.6801	10.76622	191.6996	12.31786	175.7166	1015.399	25373.78

#1	-.039153	-.009919	-.000336	-.003530	.0007607	.017690	.003732
#2	.013513	-.007991	-.000734	-.002859	-.000491	-.008613	-.002901
#3	-.023278	-.008948	.000275	-.002882	.001300	-.014097	-.000872

Sample Name: PB125453BL Acquired: 12/13/2019 16:23:19 Type: Unk
Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB125453BL Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003238	-.004807	.0000474
Stddev	.005643	.000902	.0000264
%RSD	174.2670	18.76270	55.79601

#1	-.009404	-.004673	.0000238
#2	.001670	-.005769	.0000759
#3	-.001981	-.003980	.0000423

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1272.380	37234.53	8599.772	1118.285	2445.920
Stddev	9.588	152.35	39.494	2.687	12.166
%RSD	.7535188	.4091688	.4592475	.2403071	.4973912

#1	1283.450	37086.03	8559.038	1119.043	2459.949
#2	1266.834	37390.47	8602.380	1120.512	2439.548
#3	1266.854	37227.10	8637.897	1115.300	2438.265

Sample Name: PB125453BS Acquired: 12/13/2019 16:27:21 Type: Unk
Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB125453BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7709421	2.016367	.9793430	1.890236	.7844974	2.103079
Stddev	.0099301	.010738	.0017573	.007082	.0013040	.089958
%RSD	1.288043	.5325479	.1794326	.3746440	.1662155	4.277436

#1	.7781244	2.026995	.9799604	1.895674	.7830055	2.002278
#2	.7750915	2.016584	.9773603	1.882229	.7854194	2.131763
#3	.7596103	2.005522	.9807082	1.892806	.7850674	2.175198

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2144341	.1896280	.1884618	1.043991	.4253375	.2014329
Stddev	.0065599	.0025400	.0006877	.040441	.0014115	.0007393
%RSD	3.059188	1.339461	.3649093	3.873660	.3318505	.3670053

#1	.2074230	.1867688	.1879659	.998415	.4257037	.2017596
#2	.2154566	.1904919	.1881728	1.057971	.4265297	.2005866
#3	.2204228	.1916234	.1892469	1.075586	.4237790	.2019526

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3139198	3.185144	.2062685	2.030911	.5035744	.0763654
Stddev	.0000951	.063461	.0070252	.055462	.0005277	.0004358
%RSD	.0302982	1.992421	3.405854	2.730918	.1047915	.5707307

#1	.3138713	3.116551	.1982785	1.966910	.5036224	.0759186
#2	.3140294	3.197114	.2090499	2.064908	.5040765	.0767894
#3	.3138587	3.241769	.2114772	2.060915	.5030244	.0763883

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.075170	.3079299	.2101055	10.19929	.2715127	.4220741
Stddev	.040056	.0132948	.0019745	.19836	.0063460	.0019993
%RSD	1.302570	4.317478	.9397586	1.944880	2.337291	.4736910

#1	3.032282	.2934924	.2117634	9.97104	.2643374	.4203378
#2	3.081614	.3106295	.2079211	10.29693	.2763882	.4216245
#3	3.111613	.3196677	.2106320	10.32992	.2738126	.4242599

Sample Name: PB125453BS Acquired: 12/13/2019 16:27:21 Type: Unk
Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB125453BS Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6698171	.2017798	.9508924	5.394480	F -.006923	.2115863
Stddev	.0011580	.0051201	.0190137	.015191	.003995	.0072992
%RSD	.1728864	2.537448	1.999569	.2815968	57.70959	3.449765

#1	.6685427	.1959093	.9311229	5.411757	-.008250	.2035354
#2	.6701035	.2041088	.9690474	5.383218	-.002433	.2134515
#3	.6708050	.2053213	.9525069	5.388465	-.010086	.2177718

Elem	Sr4077
Units	ppm
Avg	.2113872
Stddev	.0059510
%RSD	2.815196

#1	.2046059
#2	.2138164
#3	.2157392

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1224.660	36093.64	8533.968	1068.949	2317.595
Stddev	7.042	114.34	97.551	16.393	18.608
%RSD	.5750484	.3167930	1.143087	1.533578	.8028808

#1	1224.991	35961.66	8641.164	1053.491	2314.468
#2	1217.457	36162.78	8510.336	1086.139	2300.750
#3	1231.530	36156.49	8450.404	1067.216	2337.569

Sample Name: PB125453TB Acquired: 12/13/2019 16:31:14 Type: Unk
Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058656	-.005758	-.001200	.0060920	-.000291	.0089014
Stddev	.0021390	.000563	.002661	.0050744	.002305	.0176125
%RSD	36.46759	9.783274	221.7559	83.29605	791.4072	197.8625

#1	.0064376	-.005440	.001171	.0016247	-.002244	.0009210
#2	.0034987	-.005425	-.004079	.0050419	-.000882	-.003308
#3	.0076605	-.006408	-.000692	.0116092	.002252	.029092

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000650	.0000715	.0000444	.0258488	.0011433	.0002317
Stddev	.0007541	.0000927	.0000554	.0140797	.0006301	.0000873
%RSD	1160.380	129.6265	124.6154	54.46948	55.11561	37.69980

#1	-.000614	.0001405	-.000014	.0340822	.0011244	.0001344
#2	-.000067	-.000034	.000052	.0338727	.0005228	.0002572
#3	.000877	.000108	.000096	.0095914	.0017826	.0003034

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004411	.0073256	.0003248	-.013874	.0028191	.0021604
Stddev	.0005409	.0036687	.0006592	.031336	.0003901	.0004757
%RSD	122.6195	50.08042	202.9417	225.8553	13.83565	22.01831

#1	.0003368	.0103484	-.000195	.006353	.0032615	.0025120
#2	.0010266	.0032439	.000104	-.049971	.0026712	.0023501
#3	-.000040	.0083846	.001066	.001994	.0025247	.0016191

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 288.5343	-.002107	.0092945	-.003790	-.002071	.0004207
Stddev	4.8852	.000967	.0005045	.027322	.000494	.0001910
%RSD	1.693101	45.87706	5.427867	720.9701	23.84454	45.39001

#1	282.9964	-.001430	.0087819	.027747	-.002564	.0003348
#2	290.3738	-.003215	.0093110	-.018803	-.002072	.0002877
#3	292.2327	-.001677	.0097905	-.020313	-.001576	.0006395

Sample Name: PB125453TB Acquired: 12/13/2019 16:31:14 Type: Unk
Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004129	.0002536	.0331916	.0001021	.0057615	-.004834
Stddev	.000282	.0005785	.0154973	.0006127	.0068021	.000376
%RSD	6.838314	228.0991	46.69048	599.9731	118.0599	7.768989

#1	-.004313	.0004803	.0177276	.0004047	-.002090	-.004858
#2	-.004269	.0006844	.0331252	.0005046	.009858	-.005198
#3	-.003804	-.000404	.0487220	-.000603	.009517	-.004448

Elem	Sr4077
Units	ppm
Avg	.0000459
Stddev	.0000488
%RSD	106.2454

#1	.0000594
#2	.0000866
#3	-.000008

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1162.081	34156.81	8423.899	1031.312	2065.894
Stddev	1.038	46.64	98.934	3.389	4.399
%RSD	.0893215	.1365398	1.174443	.3286502	.2129166

#1	1163.235	34179.67	8510.223	1033.716	2063.999
#2	1161.785	34187.60	8315.937	1032.785	2070.923
#3	1161.223	34103.15	8445.536	1027.435	2062.761

Sample Name: K6265-04 Acquired: 12/13/2019 16:39:37 Type: Unk
Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-1A-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039273	-.000063	.0067066	-.025744	.0068545	.0276864	.2930198
Stddev	.0032525	.003489	.0007560	.002740	.0017680	.0090323	.0098061
%RSD	82.81930	5574.897	11.27184	10.64347	25.79322	32.62363	3.346548

#1	.0016087	.003844	.0060248	-.023435	.0088826	.0250049	.2817080
#2	.0076453	-.001163	.0075195	-.028771	.0056378	.0377558	.2982386
#3	.0025277	-.002869	.0065755	-.025025	.0060433	.0202984	.2991128

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011029	-.000347	11.13171	.0003112	.0043698	-.005555	35.01809
Stddev	.0000411	.000261	.32755	.0002693	.0002425	.000227	.50419
%RSD	3.722733	75.12619	2.942526	86.53091	5.548805	4.091323	1.439811

#1	.0011502	-.000216	10.75471	.0004409	.0044359	-.005432	34.44790
#2	.0010774	-.000178	11.29384	.0000016	.0041011	-.005817	35.20136
#3	.0010809	-.000647	11.34658	.0004911	.0045724	-.005415	35.40502

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.336571	1.196326	.0078504	-.004275	272.4356	-.006123	.2598201
Stddev	.038022	.033674	.0006757	.000600	4.0847	.000680	.0027777
%RSD	2.844769	2.814810	8.606705	14.02512	1.499327	11.10163	1.069082

#1	1.292715	1.157442	.0082062	-.004550	267.7745	-.006061	.2576317
#2	1.356719	1.215777	.0082739	-.004689	275.3910	-.005477	.2588835
#3	1.360280	1.215758	.0070712	-.003588	274.1413	-.006832	.2629450

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.489728	.0630246	-.002737	-.004109	.0010546	.6441793	.1114401
Stddev	.026585	.0049071	.000426	.001471	.0011307	.0228742	.0006216
%RSD	1.784566	7.785942	15.58104	35.80872	107.2182	3.550914	.5577595

#1	1.463284	.0575755	-.002320	-.004007	-.000238	.6328485	.1115903
#2	1.489447	.0644037	-.002719	-.005628	.001858	.6705072	.1119728
#3	1.516452	.0670945	-.003173	-.002691	.001544	.6291820	.1107572

Sample Name: K6265-04 Acquired: 12/13/2019 16:39:37 Type: Unk
Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-1A-S Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.346260	-.001559	.0155511
Stddev	.007217	.000933	.0010737
%RSD	.5361066	59.82166	6.904419

#1	1.346695	-.001948	.0143337
#2	1.338835	-.002235	.0163630
#3	1.353250	-.000495	.0159566

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1166.832	34007.90	8508.377	1024.230	2072.273
Stddev	5.592	146.25	114.538	14.923	9.029
%RSD	.4792806	.4300406	1.346174	1.457023	.4357235

#1	1162.013	33859.24	8639.338	1011.285	2063.739
#2	1165.521	34012.86	8426.908	1020.854	2071.351
#3	1172.964	34151.61	8458.883	1040.553	2081.727

Sample Name: K6265-08 Acquired: 12/13/2019 16:43:46 Type: Unk
Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-1A-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065968	-.000282	-.001895	.0118914	.0131133	-.008123	.2457504
Stddev	.0021648	.000772	.003368	.0017982	.0003990	.029213	.0060405
%RSD	32.81624	273.8902	177.7347	15.12205	3.043025	359.6380	2.457980

#1	.0051414	.000459	-.002865	.0139658	.0135569	-.041850	.2390268
#2	.0090845	-.001081	-.004672	.0109329	.0127838	.009225	.2507192
#3	.0055643	-.000223	.001852	.0107754	.0129991	.008257	.2475052

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008165	-.000133	26.30427	-.000583	.0081873	-.002168	19.65634
Stddev	.0000699	.000084	.71213	.000140	.0000905	.000322	.26038
%RSD	8.562825	62.86071	2.707297	23.91805	1.104725	14.84730	1.324672

#1	.0008806	-.000052	25.48293	-.000423	.0082862	-.002076	19.35740
#2	.0007419	-.000128	26.68057	-.000654	.0081088	-.002525	19.83363
#3	.0008269	-.000219	26.74932	-.000673	.0081667	-.001902	19.77800

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.790509	1.177836	.0081574	-.002269	270.0097	-.006152	.2041101
Stddev	.049658	.013981	.0003383	.000298	4.3249	.002125	.0009296
%RSD	2.773390	1.186968	4.147267	13.11932	1.601759	34.55159	.4554400

#1	1.733401	1.161964	.0081333	-.002369	265.0199	-.007283	.2037762
#2	1.823524	1.188324	.0078317	-.001935	272.3261	-.007472	.2051605
#3	1.814601	1.183221	.0085071	-.002505	272.6830	-.003700	.2033936

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.183051	.0519304	-.004260	-.004063	.0019593	.9055998	.0517464
Stddev	.011525	.0018240	.000358	.001289	.0002938	.0111028	.0013142
%RSD	.9742172	3.512367	8.408313	31.72467	14.99326	1.226013	2.539746

#1	1.172543	.0500348	-.004447	-.005551	.0021703	.8968949	.0519148
#2	1.181233	.0520834	-.003847	-.003287	.0016238	.9181033	.0503560
#3	1.195378	.0536732	-.004487	-.003351	.0020839	.9018010	.0529683

Sample Name: K6265-08 Acquired: 12/13/2019 16:43:46 Type: Unk
Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-1A-D Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.193469	-.000855	.0828148
Stddev	.008888	.000731	.0027542
%RSD	.7447273	85.59183	3.325692

#1	1.203732	-.001407	.0796380
#2	1.188282	-.000025	.0845302
#3	1.188392	-.001132	.0842764

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1173.720	34056.28	8541.094	1033.754	2075.448
Stddev	4.602	66.82	94.883	10.309	9.820
%RSD	.3920636	.1962097	1.110901	.9972302	.4731586

#1	1169.349	33979.15	8650.644	1025.289	2067.708
#2	1173.290	34092.99	8487.690	1030.739	2072.142
#3	1178.522	34096.69	8484.948	1045.234	2086.495

Sample Name: K6110-04 Acquired: 12/13/2019 16:48:59 Type: Unk
Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-121219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007749	-.002165	.0002819	.0082239	.0015622	.0454797	.0126642
Stddev	.0025233	.002137	.0029508	.0019761	.0008459	.0090110	.0004532
%RSD	325.6427	98.72519	1046.658	24.02834	54.15037	19.81312	3.578854

#1	.0029946	-.000491	-.002776	.0097809	.0005868	.0359124	.0131872
#2	-.001969	-.001432	.000510	.0060009	.0020959	.0467212	.0123865
#3	.001300	-.004572	.003112	.0088900	.0020039	.0538055	.0124189

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001501	-.000002	2.430616	-.000128	.0013503	.0012974	.0545737
Stddev	.0000944	.000038	.021862	.000201	.0002209	.0010620	.0029815
%RSD	62.86885	1958.376	.8994288	156.5841	16.36176	81.85952	5.463312

#1	.0000490	-.000041	2.410958	-.000184	.0013077	.0000723	.0574325
#2	.0001655	.000035	2.426729	-.000295	.0011538	.0018613	.0514830
#3	.0002358	-.000000	2.454160	.000094	.0015895	.0019585	.0548057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0549154	.1807791	.0010895	.0002557	25.05602	-.002745	.0037854
Stddev	.0002232	.0046721	.0003156	.0001347	.42561	.002214	.0004916
%RSD	.4063890	2.584406	28.97010	52.66713	1.698618	80.64802	12.98737

#1	.0547320	.1836911	.0007729	.0003498	24.61302	-.003665	.0037298
#2	.0551639	.1832562	.0014042	.0001014	25.09326	-.004350	.0043024
#3	.0548503	.1753901	.0010915	.0003158	25.46179	-.000220	.0033239

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0698949	-.005504	-.000468	-.003937	.0019837	.1026154	.0027309
Stddev	.0141795	.001052	.000223	.000446	.0017884	.0083162	.0023785
%RSD	20.28685	19.12309	47.60211	11.32481	90.15379	8.104241	87.09718

#1	.0657290	-.005539	-.000293	-.004451	.0001718	.1122010	.0025849
#2	.0856907	-.006538	-.000393	-.003713	.0037475	.0973253	.0004287
#3	.0582651	-.004434	-.000719	-.003648	.0020318	.0983201	.0051790

Sample Name: K6110-04 Acquired: 12/13/2019 16:48:59 Type: Unk
 Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: HD-02-121219 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0161450	-.004129	.0053276
Stddev	.0034273	.000476	.0000805
%RSD	21.22813	11.52719	1.510579

#1	.0197761	-.004678	.0052575
#2	.0129664	-.003838	.0054155
#3	.0156926	-.003870	.0053098

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1270.342	36639.84	8771.836	1112.818	2351.501
Stddev	3.799	109.84	32.531	8.103	.758
%RSD	.2990538	.2997785	.3708532	.7281670	.0322474

#1	1267.877	36672.12	8756.118	1106.777	2352.255
#2	1274.717	36729.92	8750.150	1109.651	2350.738
#3	1268.432	36517.48	8809.241	1122.027	2351.509

Sample Name: CCV02 Acquired: 12/13/2019 16:53:02 Type: Unk
Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.976511	4.977521	4.950679	5.041292	4.958200	10.16944	9.956284
Stddev	.029444	.014042	.016364	.020962	.004024	.10238	.258703
%RSD	.5916532	.2821152	.3305415	.4158024	.0811522	1.006789	2.598391
#1	4.954484	4.961656	4.932933	5.017179	4.954402	10.07296	9.673065
#2	4.965096	4.988353	4.953931	5.055175	4.957781	10.15852	10.01563
#3	5.009953	4.982554	4.965173	5.051521	4.962417	10.27685	10.18016
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2445957	2.455262	25.05045	1.020798	2.478624	1.258532	5.143482
Stddev	.0002151	.006377	.19430	.004731	.008950	.005970	.024467
%RSD	.0879355	.2597179	.7756189	.4634518	.3610819	.4743954	.4756976
#1	.2444119	2.448127	24.84667	1.023701	2.468659	1.255242	5.116368
#2	.2445430	2.460407	25.07107	1.015339	2.481234	1.254930	5.150162
#3	.2448323	2.457251	25.23362	1.023355	2.485978	1.265424	5.163914
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.466135	25.13764	2.488331	1.287338	25.23062	2.502419	2.511915
Stddev	.026355	.30065	.008976	.007003	.19410	.029948	.006692
%RSD	1.068659	1.196008	.3607179	.5439645	.7693114	1.196746	.2664065
#1	2.436271	24.80123	2.478050	1.292751	25.01115	2.470876	2.511181
#2	2.486131	25.23159	2.492334	1.279429	25.30096	2.505917	2.505621
#3	2.476005	25.38009	2.494609	1.289832	25.37974	2.530463	2.518944
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.88733	4.900048	5.062472	4.989294	4.959459	5.121945	4.947523
Stddev	.26635	.009969	.018778	.022533	.055550	.040808	.021366
%RSD	1.028897	.2034567	.3709269	.4516197	1.120079	.7967300	.4318456
#1	25.66063	4.897514	5.045007	4.963278	4.895547	5.082546	4.923052
#2	25.82067	4.891590	5.060075	5.002006	4.986702	5.119261	4.957041
#3	26.18068	4.911040	5.082333	5.002599	4.996129	5.164029	4.962475

Sample Name: CCV02 Acquired: 12/13/2019 16:53:02 Type: Unk
 Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCV02 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.901870	4.967630	5.109271
Stddev	.010853	.039103	.089991
%RSD	.2214086	.7871531	1.761334

#1	4.892351	4.922508	5.007529
#2	4.913689	4.988786	5.141845
#3	4.899571	4.991597	5.178440

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1230.770	35895.27	8638.850	1085.426	2199.639
Stddev	2.316	201.36	46.220	5.049	8.139
%RSD	.1881449	.5609515	.5350272	.4651177	.3700370

#1	1233.198	35788.15	8618.972	1084.028	2208.101
#2	1230.526	36127.54	8691.683	1091.026	2191.866
#3	1228.586	35770.12	8605.894	1081.224	2198.950

Sample Name: CCB02 Acquired: 12/13/2019 16:57:01 Type: Unk
Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016143	-.001154	.0023634	.0051872	.0008504	.0085361	.0010435
Stddev	.0012828	.001389	.0012042	.0013437	.0006239	.0131311	.0008885
%RSD	79.46241	120.3001	50.95123	25.90382	73.36869	153.8293	85.14141

#1	.0003037	.000354	.0037493	.0063154	.0014559	.0207786	.0000797
#2	.0028673	-.002379	.0015724	.0037007	.0002096	.0101619	.0018299
#3	.0016720	-.001438	.0017686	.0055455	.0008858	-.005332	.0012209

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001358	-.000001	.0065779	.0000115	.0001433	.0005215	.0007487
Stddev	.0001313	.000134	.0140131	.0002363	.0001162	.0004571	.0027918
%RSD	96.69735	14551.19	213.0321	2052.365	81.10466	87.66244	372.8809

#1	.0002832	.000095	-.006049	.0000278	.0001610	.0004002	.0022075
#2	.0000313	-.000154	.021654	-.000232	.0002497	.0010270	-.002470
#3	.0000928	.000056	.004129	.000239	.0000193	.0001372	.002509

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000456	-.021378	.0001503	-.000460	-.046337	-.003046	-.000125
Stddev	.000564	.015273	.0002890	.000271	.007818	.003153	.000335
%RSD	123.5955	71.44165	192.2788	59.00018	16.87268	103.5106	268.6972

#1	-.001102	-.021952	-.000183	-.000299	-.044675	-.005044	.000075
#2	-.000211	-.005826	.000327	-.000773	-.039483	-.004683	.000062
#3	-.000057	-.036356	.000307	-.000307	-.054852	.000589	-.000511

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.028067	-.000459	.0012771	-.004217	.0021276	-.013144	.0011458
Stddev	.095485	.001497	.0003171	.000597	.0004363	.012565	.0003057
%RSD	340.2095	325.8838	24.83120	14.16413	20.50481	95.60029	26.68361

#1	-.125998	-.000725	.0016014	-.004520	.0024116	-.027018	.0012652
#2	-.022969	-.001805	.0012622	-.004601	.0016253	-.009883	.0013738
#3	.064768	.001153	.0009677	-.003529	.0023459	-.002530	.0007984

Sample Name: CCB02 Acquired: 12/13/2019 16:57:01 Type: Unk
 Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB02 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013793	-.005364	.0001377
Stddev	.0025760	.000526	.0000620
%RSD	186.7642	9.801803	45.01019

#1	.0000414	-.005954	.0000796
#2	.0043489	-.004945	.0001305
#3	-.000253	-.005193	.0002030

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1287.847	37021.53	8653.003	1127.326	2453.551
Stddev	9.098	93.57	62.145	6.438	18.679
%RSD	.7064465	.2527512	.7181881	.5711156	.7613093

#1	1298.324	36977.11	8628.274	1123.696	2474.546
#2	1281.939	36958.44	8723.705	1123.522	2438.772
#3	1283.279	37129.04	8607.029	1134.759	2447.337

Sample Name: K6274-03 Acquired: 12/13/2019 17:01:06 Type: Unk
Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: T2-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003164	-.005614	.0237656	.0187221	.0048306	.1140230	.0568222
Stddev	.0026701	.001629	.0002396	.0036976	.0021044	.0131747	.0013962
%RSD	843.9751	29.01049	1.008169	19.74989	43.56451	11.55442	2.457048

#1	-.001956	-.007464	.0239473	.0190272	.0071323	.0990309	.0552186
#2	.003257	-.004983	.0238554	.0148814	.0030052	.1192827	.0574809
#3	-.000352	-.004396	.0234940	.0222577	.0043542	.1237553	.0577672

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001071	-.000102	10.97442	.0031929	.0009010	.0106711	.8285454
Stddev	.0001114	.000142	.28054	.0005057	.0003195	.0008811	.0199602
%RSD	104.0048	139.6585	2.556268	15.83860	35.46507	8.256547	2.409063

#1	.0000957	-.000265	10.65111	.0026360	.0012691	.0107254	.8055423
#2	.0002237	-.000008	11.11861	.0036235	.0007393	.0097641	.8388021
#3	.0000018	-.000032	11.15354	.0033192	.0006947	.0115237	.8412919

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1621578	1.235590	.0035023	-.000144	258.1421	-.001269	.0492487
Stddev	.0038804	.029791	.0002216	.000105	3.9627	.002879	.0006063
%RSD	2.392979	2.411050	6.327842	72.92081	1.535093	226.8719	1.231191

#1	.1576970	1.233391	.0035043	-.000124	253.5698	-.002623	.0494621
#2	.1640231	1.266419	.0032797	-.000257	260.5838	-.003222	.0497196
#3	.1647534	1.206959	.0037229	-.000050	260.2726	.002038	.0485646

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4147094	.0051512	-.001468	-.003657	.0016856	.2315926	.0060101
Stddev	.0573785	.0018424	.000072	.000668	.0008620	.0332073	.0007753
%RSD	13.83582	35.76628	4.905295	18.26815	51.14000	14.33867	12.90075

#1	.3848542	.0069569	-.001387	-.003162	.0025438	.2473542	.0066247
#2	.4808600	.0052223	-.001524	-.003391	.0016933	.1934396	.0062665
#3	.3784142	.0032742	-.001494	-.004417	.0008198	.2539840	.0051390

Sample Name: K6274-03 Acquired: 12/13/2019 17:01:06 Type: Unk
 Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: T2-COMP Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1205777	-.004309	.0458913
Stddev	.0023330	.002917	.0010582
%RSD	1.934864	67.70078	2.305816

#1	.1190870	-.001407	.0446712
#2	.1232664	-.004279	.0465585
#3	.1193799	-.007240	.0464442

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1174.209	33966.82	8508.073	1031.694	2075.373
Stddev	2.479	65.03	55.607	2.735	6.072
%RSD	.2110836	.1914519	.6535768	.2651005	.2925941

#1	1171.348	33951.01	8571.611	1029.898	2071.181
#2	1175.583	33911.14	8484.328	1030.342	2072.601
#3	1175.697	34038.29	8468.281	1034.841	2082.336

Sample Name: K6110-04DUP Acquired: 12/13/2019 17:09:25 Type: Unk
Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-121219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010869	.0008960	.0001629	.0078876	.0024329	.0500611	.0131811
Stddev	.0023811	.0027556	.0012353	.0008575	.0026054	.0051367	.0004632
%RSD	219.0757	307.5616	758.5530	10.87156	107.0893	10.26093	3.513930

#1	-.001484	-.001240	.0006638	.0077384	-.000318	.0499356	.0136995
#2	.003217	-.000078	.0010691	.0071145	.002754	.0552595	.0128081
#3	.001527	.004006	-.001244	.0088099	.004863	.0449884	.0130355

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002801	-.000114	2.452029	.0000589	.0010548	.0014830	.0500220
Stddev	.0000795	.000035	.024102	.0008186	.0001858	.0004298	.0073857
%RSD	28.36789	30.90039	.9829222	1390.850	17.62020	28.97846	14.76489

#1	.0002104	-.000147	2.424710	-.000486	.0009775	.0011692	.0424291
#2	.0002632	-.000118	2.461089	.001000	.0012668	.0013069	.0504554
#3	.0003666	-.000077	2.470286	-.000338	.0009200	.0019728	.0571814

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0556320	.1742807	.0009962	-.000078	25.08100	-.003404	.0037008
Stddev	.0007005	.0228953	.0006300	.000742	.17740	.000674	.0004234
%RSD	1.259191	13.13705	63.23156	951.9055	.7073155	19.80897	11.43976

#1	.0550738	.1916737	.0008236	-.000712	24.89242	-.003830	.0041724
#2	.0554041	.1828269	.0016945	-.000260	25.10601	-.003756	.0033534
#3	.0564181	.1483415	.0004706	.000738	25.24457	-.002627	.0035767

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0508250	-.005944	-.000434	-.004200	.0030878	.0895043	.0016248
Stddev	.0121784	.001990	.000317	.000455	.0006360	.0193524	.0026605
%RSD	23.96148	33.47300	72.98103	10.83832	20.59521	21.62179	163.7402

#1	.0490454	-.006035	-.000080	-.004055	.0028408	.0672020	-.001174
#2	.0396343	-.003911	-.000529	-.004710	.0026125	.1018689	.004121
#3	.0637953	-.007887	-.000692	-.003835	.0038102	.0994420	.001928

Sample Name: K6110-04DUP Acquired: 12/13/2019 17:09:25 Type: Unk
Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-121219 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0179858	-.004135	.0052814
Stddev	.0009946	.002490	.0000938
%RSD	5.530191	60.21753	1.776416

#1	.0178461	-.003766	.0051756
#2	.0190429	-.001851	.0053545
#3	.0170683	-.006790	.0053141

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1279.998	36643.19	8725.468	1134.619	2366.380
Stddev	3.801	105.48	27.260	9.588	5.972
%RSD	.2969906	.2878692	.3124172	.8450553	.2523550

#1	1282.910	36524.58	8695.574	1124.352	2364.493
#2	1281.388	36726.50	8731.879	1143.341	2373.068
#3	1275.698	36678.48	8748.951	1136.164	2361.580

Sample Name: K6110-04LX5 Acquired: 12/13/2019 17:13:27 Type: Unk
Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 23810 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000446	-.001457	.0008735	.0062502	.0008719	.0094254	.0027985
Stddev	.002684	.002590	.0016634	.0033906	.0024636	.0146611	.0001347
%RSD	601.7526	177.7769	190.4255	54.24862	282.5460	155.5481	4.812980

#1	.001294	-.001002	-.000223	.0086669	-.001639	-.005983	.0029458
#2	.000905	-.004244	.002787	.0077095	.000970	.023202	.0026818
#3	-.003537	.000875	.000056	.0023742	.003285	.011057	.0027677

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000912	-.000020	.5271515	.0002385	.0001494	.0007949	.0134509
Stddev	.0000837	.000131	.0051457	.0005952	.0005435	.0002598	.0073629
%RSD	91.85258	642.0731	.9761364	249.6198	363.7894	32.68585	54.73914

#1	.0000889	.000027	.5278835	.0007019	.0006637	.0010487	.0114176
#2	.0000086	-.000168	.5216790	-.000433	-.000419	.0005294	.0073183
#3	.0001760	.000081	.5318921	.000446	.000204	.0008065	.0216167

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118210	.0447633	.0004534	.0000979	5.338231	-.002438	.0004101
Stddev	.0005864	.0226464	.0001592	.0003211	.061559	.001635	.0003564
%RSD	4.960275	50.59150	35.10741	328.0813	1.153163	67.05336	86.90847

#1	.0111612	.0252106	.0006343	.0001778	5.294041	-.001236	.0002774
#2	.0122825	.0395021	.0003911	-.000256	5.312109	-.001779	.0008137
#3	.0120192	.0695772	.0003347	.000371	5.408543	-.004300	.0001390

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005571	-.005586	-.000153	-.004745	.0013354	.0286935	.0006305
Stddev	.017211	.002029	.000377	.000785	.0006835	.0210453	.0015559
%RSD	308.9372	36.32375	246.3770	16.53677	51.18576	73.34499	246.7733

#1	-.010013	-.007093	-.000074	-.004582	.0014830	.0355366	.0021366
#2	-.020126	-.003279	-.000564	-.005598	.0019331	.0050783	.0007258
#3	.013426	-.006385	.000178	-.004055	.0005901	.0454656	-.000971

Sample Name: K6110-04LX5 Acquired: 12/13/2019 17:13:27 Type: Unk
 Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 23810 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0067688	-.003537	.0011445
Stddev	.0014892	.000885	.0001085
%RSD	22.00046	25.01002	9.483976

#1	.0069430	-.004444	.0010709
#2	.0081633	-.002676	.0012692
#3	.0052003	-.003493	.0010934

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1285.938	36819.27	8773.454	1132.196	2432.450
Stddev	1.974	133.44	82.135	7.530	2.204
%RSD	.1535006	.3624224	.9361784	.6651210	.0906228

#1	1287.015	36737.09	8702.334	1123.867	2434.996
#2	1283.660	36973.24	8754.674	1134.195	2431.163
#3	1287.140	36747.49	8863.352	1138.525	2431.193

Sample Name: K6110-04MS Acquired: 12/13/2019 17:17:30 Type: Unk
Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-121219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7633848	2.000850	.9594260	1.953407	.7519388	2.063169	.2184084
Stddev	.0044207	.006991	.0019518	.002394	.0021879	.025441	.0033660
%RSD	.5790893	.3493912	.2034299	.1225717	.2909712	1.233108	1.541143

#1	.7607365	1.997468	.9614119	1.955049	.7515485	2.042695	.2146874
#2	.7609298	2.008889	.9575103	1.950660	.7542956	2.055161	.2192967
#3	.7684882	1.996194	.9593558	1.954512	.7499723	2.091650	.2212412

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1942844	.1901724	3.486602	.4060642	.1962040	.3017036	3.132419
Stddev	.0003337	.0004444	.033497	.0024901	.0007375	.0011814	.043237
%RSD	.1717734	.2336842	.9607276	.6132364	.3758619	.3915650	1.380316

#1	.1943691	.1897121	3.455548	.4036203	.1962754	.3024345	3.083962
#2	.1939165	.1902063	3.482158	.4059743	.1969032	.3003406	3.146232
#3	.1945676	.1905989	3.522098	.4085981	.1954335	.3023355	3.167061

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2571354	2.172768	.4946439	.0766637	28.39618	.2937121	.2079534
Stddev	.0037560	.043347	.0014929	.0009264	.40549	.0007985	.0011962
%RSD	1.460729	1.994991	.3018041	1.208418	1.427989	.2718807	.5752209

#1	.2534835	2.128753	.4929575	.0755963	27.95009	.2927901	.2066052
#2	.2569351	2.174136	.4957964	.0771370	28.49601	.2941591	.2083675
#3	.2609876	2.215414	.4951777	.0772579	28.74244	.2941870	.2088875

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.10478	.2881421	.3916986	.6576684	.1925174	1.112593	5.528484
Stddev	.10251	.0031694	.0015231	.0001535	.0040315	.005235	.016968
%RSD	1.014499	1.099927	.3888448	.0233345	2.094110	.4705104	.3069210

#1	10.00139	.2854808	.3922809	.6578044	.1878782	1.108281	5.509143
#2	10.10655	.2916483	.3899703	.6576988	.1951712	1.118418	5.535446
#3	10.20640	.2872973	.3928447	.6575020	.1945026	1.111081	5.540864

Sample Name: K6110-04MS Acquired: 12/13/2019 17:17:30 Type: Unk
Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-121219 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0110967	.2007987	.2071563
Stddev	.0066129	.0025053	.0021246
%RSD	59.59311	1.247665	1.025623

#1	.0174392	.1988325	.2048501
#2	.0042431	.1999441	.2075847
#3	.0116080	.2036195	.2090340

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1262.245	36444.09	8668.522	1112.961	2320.072
Stddev	5.730	140.09	4.947	5.641	6.327
%RSD	.4539461	.3843962	.0570736	.5068436	.2727001

#1	1260.049	36588.79	8664.417	1111.460	2319.269
#2	1268.748	36434.36	8674.015	1119.201	2326.761
#3	1257.938	36309.11	8667.133	1108.223	2314.184

Sample Name: K6110-04MSD Acquired: 12/13/2019 17:21:22 Type: Unk
Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-121219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7537131	1.966495	.9507788	1.929734	.7493601	2.013190	.2122600
Stddev	.0081423	.007075	.0026945	.009636	.0051172	.018871	.0019348
%RSD	1.080291	.3597834	.2833940	.4993428	.6828712	.9373573	.9115125

#1	.7627215	1.967290	.9534584	1.929922	.7540854	2.000292	.2111566
#2	.7468778	1.973139	.9480698	1.939275	.7500696	2.034849	.2144940
#3	.7515401	1.959056	.9508081	1.920006	.7439252	2.004429	.2111293

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1911509	.1885992	3.423789	.4010550	.1937204	.2987585	3.068987
Stddev	.0016886	.0001571	.036919	.0021354	.0002255	.0001914	.030725
%RSD	.8833758	.0833025	1.078317	.5324378	.1163827	.0640523	1.001157

#1	.1918716	.1884325	3.395842	.3985933	.1939406	.2987329	3.035930
#2	.1923596	.1887446	3.465642	.4021644	.1937305	.2989614	3.096672
#3	.1892216	.1886205	3.409883	.4024074	.1934901	.2985813	3.074360

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2534931	2.094088	.4877501	.0750109	27.85052	.2911601	.2048234
Stddev	.0017276	.036274	.0002805	.0005741	.28663	.0039933	.0018736
%RSD	.6815130	1.732203	.0575005	.7653427	1.029191	1.371522	.9147582

#1	.2519716	2.089079	.4878829	.0755421	27.53461	.2865823	.2032244
#2	.2553711	2.132606	.4874279	.0750888	28.09397	.2939279	.2043609
#3	.2531367	2.060579	.4879395	.0744019	27.92297	.2929701	.2068851

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.930685	.2836652	.3841254	.6452262	.1880285	1.107910	5.475022
Stddev	.093701	.0048172	.0013353	.0012299	.0020784	.009939	.005688
%RSD	.9435528	1.698191	.3476149	.1906219	1.105344	.8971094	.1038947

#1	9.825955	.2865089	.3829476	.6439527	.1882351	1.099030	5.468853
#2	10.00658	.2863834	.3838526	.6464073	.1899959	1.118647	5.476152
#3	9.95952	.2781033	.3855760	.6453187	.1858546	1.106053	5.480060

Sample Name: K6110-04MSD Acquired: 12/13/2019 17:21:22 Type: Unk
 Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: HD-02-121219 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0105353	.1974704	.2025563
Stddev	.0022285	.0006767	.0016856
%RSD	21.15234	.3426643	.8321703

#1	.0093333	.1975204	.2028221
#2	.0131067	.1967701	.2040933
#3	.0091659	.1981207	.2007536

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1258.501	36618.78	8718.160	1116.969	2315.202
Stddev	.471	158.69	128.532	.821	4.662
%RSD	.0373985	.4333498	1.474298	.0735054	.2013570

#1	1258.008	36659.62	8627.250	1117.089	2312.828
#2	1258.548	36443.66	8662.019	1116.095	2312.206
#3	1258.946	36753.05	8865.212	1117.724	2320.573

Sample Name: K6110-04A Acquired: 12/13/2019 17:25:14 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	.7544676	1.991004	.9511107	1.933357	.7483044	2.036318	.2154288
Stddev	.0070103	.007497	.0036216	.007621	.0026665	.011287	.0018141
%RSD	.9291724	.3765204	.3807749	.3941646	.3563359	.5542836	.8420909

#1	.7514111	1.986332	.9473664	1.926988	.7513541	2.023385	.2135885
#2	.7624872	1.987029	.9513699	1.931283	.7471467	2.044180	.2154822
#3	.7495046	1.999651	.9545956	1.941800	.7464125	2.041389	.2172155

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1938071	.1898630	3.614990	.4048932	.1948483	.3001464	3.102567
Stddev	.0020622	.0004268	.012962	.0013231	.0015664	.0008609	.040991
%RSD	1.064058	.2248169	.3585647	.3267737	.8039217	.2868325	1.321182

#1	.1961879	.1896472	3.600759	.4056514	.1948074	.2994260	3.055695
#2	.1925780	.1895871	3.626122	.4033655	.1933027	.2999134	3.120299
#3	.1926553	.1903546	3.618089	.4056628	.1964348	.3010999	3.131705

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2605158	2.149321	.4912614	.0762611	29.83125	.2926397	.2066377
Stddev	.0033694	.021685	.0007693	.0006679	.34613	.0056698	.0005423
%RSD	1.293362	1.008914	.1565993	.8757826	1.160295	1.937451	.2624299

#1	.2566515	2.125409	.4906774	.0758061	29.44871	.2872562	.2071156
#2	.2628396	2.167710	.4909738	.0770279	29.92227	.2985579	.2067491
#3	.2620562	2.154845	.4921331	.0759493	30.12278	.2921051	.2060483

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02701	.2859446	.3885705	.6527546	.1914102	1.119757	5.514725
Stddev	.09499	.0013564	.0009649	.0011973	.0016481	.015422	.014230
%RSD	.9473633	.4743389	.2483242	.1834144	.8610509	1.377246	.2580346

#1	9.92015	.2871236	.3875822	.6518507	.1896525	1.102065	5.499917
#2	10.05901	.2844623	.3886191	.6523006	.1929209	1.130359	5.515964
#3	10.10187	.2862479	.3895102	.6541124	.1916573	1.126846	5.528296

Sample Name: K6110-04A Acquired: 12/13/2019 17:25:14 Type: Unk
 Method: NON EPA-6010-200.7(v155) 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	.0147296	.1989385	.2045424
Stddev	.0009620	.0012959	.0007908
%RSD	6.531224	.6513843	.3865969

#1	.0154096	.1974798	.2039815
#2	.0151503	.1999565	.2041988
#3	.0136289	.1993792	.2054468

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1270.952	36402.57	8651.741	1118.815	2328.558
Stddev	8.908	246.12	94.134	10.952	16.749
%RSD	.7008546	.6761194	1.088033	.9789279	.7193070

#1	1266.246	36280.48	8549.416	1111.245	2321.672
#2	1265.384	36685.87	8734.659	1131.373	2316.348
#3	1281.225	36241.35	8671.148	1113.827	2347.652

Sample Name: K6283-01 Acquired: 12/13/2019 17:29:07 Type: Unk
Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SOIL-CUTTING Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002162	-.001947	-.002961	.0155236	.0080822	.0403669	.0128358
Stddev	.001371	.000563	.001261	.0036240	.0006283	.0062230	.0004460
%RSD	63.42061	28.89989	42.60599	23.34480	7.774378	15.41610	3.474717

#1	-.000595	-.002492	-.002127	.0172880	.0076706	.0351103	.0124271
#2	-.003140	-.001980	-.004412	.0113554	.0088055	.0472381	.0133115
#3	-.002750	-.001368	-.002343	.0179275	.0077706	.0387525	.0127689

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002854	-.000047	15.79628	-.000266	.0006661	.0025260	.0589579
Stddev	.0001045	.000089	.08958	.000235	.0003301	.0001874	.0037601
%RSD	36.62164	189.2481	.5670672	88.27966	49.55529	7.418536	6.377564

#1	.0004057	-.000142	15.69301	-.000397	.0010088	.0025536	.0548715
#2	.0002332	.000033	15.85301	-.000407	.0003502	.0023264	.0622716
#3	.0002173	-.000032	15.84280	.000005	.0006394	.0026981	.0597306

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0373239	.1528160	.0011572	.0006851	25.98502	-.002883	.0251500
Stddev	.0005653	.0241983	.0001904	.0003138	.07650	.003995	.0004533
%RSD	1.514511	15.83494	16.45419	45.80715	.2943927	138.5799	1.802326

#1	.0367611	.1255816	.0013704	.0003877	25.93384	.001345	.0256711
#2	.0378916	.1610225	.0010041	.0010131	25.94826	-.006596	.0248467
#3	.0373189	.1718439	.0010971	.0006546	26.07296	-.003399	.0249323

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0334843	-.005008	-.002510	-.003436	.0045679	.1369202	.0041317
Stddev	.0258074	.001049	.000413	.000804	.0002888	.0118714	.0028713
%RSD	77.07305	20.95185	16.46416	23.40422	6.322232	8.670305	69.49413

#1	.0625152	-.006060	-.002040	-.003832	.0043521	.1479593	.0014662
#2	.0131441	-.005004	-.002817	-.003965	.0048959	.1384387	.0037571
#3	.0247937	-.003961	-.002674	-.002510	.0044555	.1243626	.0071720

Sample Name: K6283-01 Acquired: 12/13/2019 17:29:07 Type: Unk
Method: NON EPA-6010-200.7(v155) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SOIL-CUTTING Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2684691	-.004412	.0394441
Stddev	.0036212	.000702	.0001703
%RSD	1.348845	15.90385	.4317961

#1	.2663737	-.004910	.0392991
#2	.2726505	-.004716	.0396316
#3	.2663830	-.003609	.0394015

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1259.026	36457.15	8622.396	1109.918	2333.222
Stddev	4.920	29.66	48.831	5.392	9.308
%RSD	.3908146	.0813473	.5663290	.4857708	.3989242

#1	1253.347	36431.70	8622.777	1103.726	2322.850
#2	1261.700	36489.72	8573.376	1112.453	2335.968
#3	1262.030	36450.03	8671.036	1113.575	2340.848

Sample Name: LR CHECK 1 Acquired: 12/13/2019 17:33:08 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	.0998345	.0328438	-.276889	-.787181	.1933233	2113.948	.0088692
Stddev	.0036230	.0048153	.006387	.016150	.0109425	39.334	.0003098
%RSD	3.629047	14.66135	2.306550	2.051579	5.660219	1.860712	3.492584

#1	.0958058	.0298057	-.269719	-.803234	.1841455	2069.175	.0091226
#2	.1028253	.0303298	-.278980	-.787373	.2054332	2142.947	.0085239
#3	.1008725	.0383958	-.281968	-.770937	.1903913	2129.723	.0089611

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225750	.0659105	1730.680	.1522648	.0469824	-.224005	926.0767
Stddev	.0006599	.0004126	15.863	.0005047	.0008509	.001036	3.3100
%RSD	2.923066	.6259983	.9165989	.3314923	1.811062	.4623053	.3574219

#1	.0223182	.0663868	1712.478	.1520706	.0470682	-.223073	922.9532
#2	.0220821	.0656622	1737.999	.1518860	.0477872	-.223823	925.7310
#3	.0233247	.0656826	1741.562	.1528378	.0460919	-.225120	929.5460

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124675	1784.287	.2650720	-.146278	1938.037	-.091290	.2256657
Stddev	.0010511	3.778	.0023346	.001307	7.256	.003765	.0025067
%RSD	8.430928	.2117531	.8807521	.8937576	.3743833	4.124002	1.110820

#1	.0117835	1788.227	.2662770	-.145323	1934.381	-.087229	.2275031
#2	.0119412	1783.941	.2623811	-.145742	1933.337	-.091977	.2228101
#3	.0136778	1780.694	.2665579	-.147768	1946.394	-.094665	.2266839

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1070.955	.2402788	-.046318	.0085364	-.035806	-.038383	.2114541
Stddev	5.880	.0136954	.001256	.0023736	.001202	.017294	.0042790
%RSD	.5490088	5.699795	2.711611	27.80538	3.357673	45.05765	2.023598

#1	1065.795	.2261637	-.047082	.0068316	-.037060	-.019573	.2147339
#2	1069.713	.2411607	-.044868	.0075304	-.035693	-.053597	.2130146
#3	1077.356	.2535119	-.047003	.0112474	-.034664	-.041978	.2066139

Sample Name: LR CHECK 1 Acquired: 12/13/2019 17:33:08 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	.0501305	.0449537	-.955941
Stddev	.0313692	.0004061	.003532
%RSD	62.57514	.9033868	.3694587

#1	.0393565	.0448292	-.952561
#2	.0854669	.0454074	-.955653
#3	.0255680	.0446244	-.959607

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	946.2558	27030.97	7681.444	824.6620	1366.287
Stddev	4.4770	98.47	15.553	2.2493	10.970
%RSD	.4731283	.3642859	.2024805	.2727585	.8028922

#1	950.5090	27113.88	7669.880	822.1405	1377.419
#2	941.5843	27056.89	7675.325	826.4622	1355.487
#3	946.6740	26922.13	7699.126	825.3834	1365.956

Sample Name: LR CHECK 2 Acquired: 12/13/2019 17:37:35 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	.0372201	-.022842	232.0199	.0467287	-.011507	-.930692	96.33744
Stddev	.0063143	.002535	2.4266	.0108357	.002253	.017351	2.36154
%RSD	16.96481	11.09748	1.045874	23.18842	19.58133	1.864317	2.451326

#1	.0359031	-.025680	231.5657	.0383395	-.010318	-.920938	93.64490
#2	.0316681	-.022039	229.8525	.0589624	-.014106	-.920413	97.31010
#3	.0440890	-.020805	234.6416	.0428843	-.010098	-.950725	98.05731

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008322	-.009146	.3907800	-.088060	-.006698	262.2190	-.280208
Stddev	.0000516	.000088	.0093298	.000995	.000513	2.9148	.006874
%RSD	6.205562	.9674083	2.387472	1.130178	7.658450	1.111609	2.453006

#1	.0008159	-.009044	.3802450	-.087832	-.007209	262.5154	-.281583
#2	.0008900	-.009191	.3940970	-.087198	-.006183	259.1674	-.272751
#3	.0007907	-.009203	.3979981	-.089149	-.006704	264.9744	-.286291

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.64167	.0030744	49.22148	.0203867	1.005888	-.083747	35.03820
Stddev	.60786	.0332904	.50451	.0001077	.022784	.001948	.36149
%RSD	1.459743	1082.826	1.024979	.5284591	2.265016	2.325615	1.031707

#1	40.94022	.0179458	49.12202	.0204891	1.030328	-.082488	34.81530
#2	41.97073	-.035060	48.77411	.0203968	1.002101	-.085991	35.45528
#3	42.01406	.026337	49.76831	.0202743	.985236	-.082763	34.84401

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2407095	-.010127	.0096351	-.003816	.0051732	.0697102	-.426799
Stddev	.0052807	.000301	.0008786	.000683	.0009519	.0130271	.003009
%RSD	2.193792	2.976717	9.118968	17.88886	18.40094	18.68757	.7051025

#1	.2449649	-.009827	.0101311	-.004589	.0062575	.0727446	-.429845
#2	.2423639	-.010429	.0101536	-.003562	.0044749	.0554336	-.426726
#3	.2347997	-.010126	.0086207	-.003296	.0047871	.0809522	-.423827

Sample Name: LR CHECK 2 Acquired: 12/13/2019 17:37:35 Type: Unk
 Method: NON EPA-6010-200.7(v155) 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	.0406058	-.005981	.0062211
Stddev	.0020239	.000378	.0000361
%RSD	4.984365	6.322208	.5807499
#1	.0413332	-.006360	.0061990
#2	.0421656	-.005980	.0062016
#3	.0383187	-.005603	.0062628

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	742.3147	38418.07	9034.325	982.5835	2397.824
Stddev	7.9382	29.15	47.833	9.0493	23.998
%RSD	1.069386	.0758883	.5294540	.9209702	1.000816
#1	741.8040	38425.93	9089.443	987.5233	2403.171
#2	750.4959	38442.48	9009.843	972.1393	2418.697
#3	734.6442	38385.78	9003.688	988.0878	2371.604

Sample Name: CCV03 Acquired: 12/13/2019 17:45:44 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	5.047288	5.051632	5.029314	5.101856	5.045954	10.25568	10.19569
Stddev	.027073	.018272	.006900	.015531	.026920	.07084	.09542
%RSD	.5363846	.3617016	.1372013	.3044096	.5334884	.6907838	.9358501

#1	5.030465	5.033313	5.022939	5.088606	5.015441	10.17686	10.08617
#2	5.078518	5.069856	5.036641	5.118946	5.066345	10.31406	10.26087
#3	5.032880	5.051728	5.028361	5.098016	5.056077	10.27612	10.24004

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2499409	2.495554	25.37084	1.031649	2.519802	1.276051	5.218901
Stddev	.0017064	.003167	.09481	.003260	.001891	.003936	.072079
%RSD	.6827277	.1268910	.3737093	.3159920	.0750449	.3084611	1.381121

#1	.2516397	2.496856	25.26383	1.031850	2.520414	1.272314	5.136927
#2	.2499561	2.497863	25.44436	1.034804	2.517681	1.280160	5.247413
#3	.2482270	2.491944	25.40434	1.028294	2.521311	1.275679	5.272363

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.539596	25.42145	2.531840	1.300420	25.66385	2.548267	2.540288
Stddev	.002771	.19209	.003966	.003321	.22827	.011800	.012551
%RSD	.1090963	.7556189	.1566344	.2554119	.8894780	.4630606	.4940950

#1	2.539777	25.19968	2.527945	1.301877	25.41914	2.536715	2.551049
#2	2.542272	25.52893	2.535873	1.302764	25.70139	2.547788	2.526500
#3	2.536740	25.53573	2.531702	1.296619	25.87104	2.560300	2.543315

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.16519	5.023431	5.149230	5.063911	5.075849	5.219192	5.018219
Stddev	.31129	.043486	.016113	.004106	.010941	.080325	.021338
%RSD	1.189727	.8656692	.3129126	.0810753	.2155443	1.539035	.4252081

#1	25.81572	5.059083	5.132594	5.060814	5.064500	5.130923	5.025405
#2	26.26707	5.036227	5.164762	5.068568	5.076717	5.238657	5.035037
#3	26.41278	4.974982	5.150335	5.062351	5.086330	5.287996	4.994216

Sample Name: CCV03 Acquired: 12/13/2019 17:45:44 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	4.998492	5.069669	5.237051
Stddev	.011800	.012650	.022348
%RSD	.2360809	.2495178	.4267371

#1	5.011794	5.055187	5.218383
#2	4.989284	5.078561	5.230956
#3	4.994397	5.075259	5.261815

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1224.028	35792.67	8573.722	1085.334	2180.129
Stddev	3.852	38.40	68.317	4.856	.956
%RSD	.3146752	.1072798	.7968169	.4474494	.0438278

#1	1228.108	35830.54	8501.942	1083.035	2179.709
#2	1220.454	35793.70	8581.275	1090.913	2179.454
#3	1223.524	35753.76	8637.948	1082.054	2181.222

Sample Name: CCB03 Acquired: 12/13/2019 17:49:43 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	.0052680	-.000747	.0019121	-.000992	.0007311	.0013661	-.000345
Stddev	.0027863	.003925	.0008950	.001411	.0010758	.0058529	.000300
%RSD	52.89121	525.2114	46.80450	142.2500	147.1381	428.4355	86.88355

#1	.0082910	-.005093	.0027477	.000562	-.000509	-.005392	-.000648
#2	.0047104	.000311	.0009677	-.001346	.001289	.004718	-.000049
#3	.0028027	.002540	.0020209	-.002192	.001414	.004773	-.000337

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001088	.0000781	.0042436	-.000529	-.000210	.0007938	.0018820
Stddev	.0000575	.0000683	.0097877	.000699	.000361	.0005012	.0059702
%RSD	52.81694	87.49788	230.6442	132.1229	171.7529	63.14431	317.2364

#1	.0001739	.0001555	.0082148	-.001080	.000186	.0002828	.0038095
#2	.0000874	.0000262	-.006906	-.000764	-.000296	.0012846	.0066503
#3	.0000651	.0000526	.011422	.000257	-.000521	.0008140	-.004814

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000479	-.015007	.0002719	.0006108	.0120316	-.000853	-.000249
Stddev	.000745	.003011	.0000790	.0006074	.0096351	.001845	.000263
%RSD	155.3907	20.06435	29.04591	99.44010	80.08151	216.3318	105.3353

#1	-.000487	-.011852	.0001904	.0012988	.0127595	-.002640	-.000067
#2	-.001220	-.017850	.0002771	.0003848	.0212821	.001045	-.000131
#3	.000269	-.015320	.0003480	.0001488	.0020532	-.000963	-.000551

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112111	-.001590	.0010370	-.004155	.0015172	.0067728	-.001795
Stddev	.0246095	.001320	.0002551	.000224	.0009958	.0074961	.001646
%RSD	219.5102	83.00858	24.59746	5.400501	65.63177	110.6798	91.72760

#1	-.014161	-.001293	.0011574	-.004306	.0008851	.0060991	-.003673
#2	.012814	-.000444	.0012096	-.003897	.0010015	-.000364	-.001108
#3	.034980	-.003033	.0007440	-.004262	.0026651	.014583	-.000603

Sample Name: CCB03 Acquired: 12/13/2019 17:49:43 Type: Unk
Method: NON EPA-6010-200.7(v155) 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	-.000973	-.006236	.0000836
Stddev	.004506	.000947	.0000996
%RSD	462.9064	15.18879	119.2300

#1	.001743	-.005194	.0001265
#2	.001512	-.007046	-.000030
#3	-.006175	-.006468	.000155

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1290.261	37083.56	8694.619	1141.472	2453.918
Stddev	9.491	147.36	33.815	15.357	16.486
%RSD	.7355762	.3973737	.3889178	1.345382	.6718364

#1	1301.212	37049.99	8690.987	1136.527	2472.865
#2	1285.151	37244.81	8730.104	1129.197	2446.038
#3	1284.420	36955.89	8662.767	1158.693	2442.850