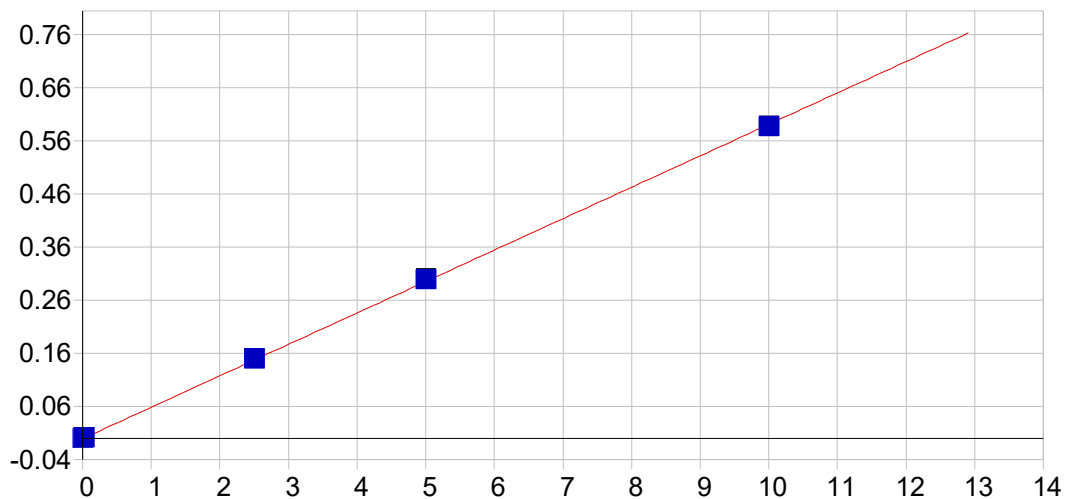


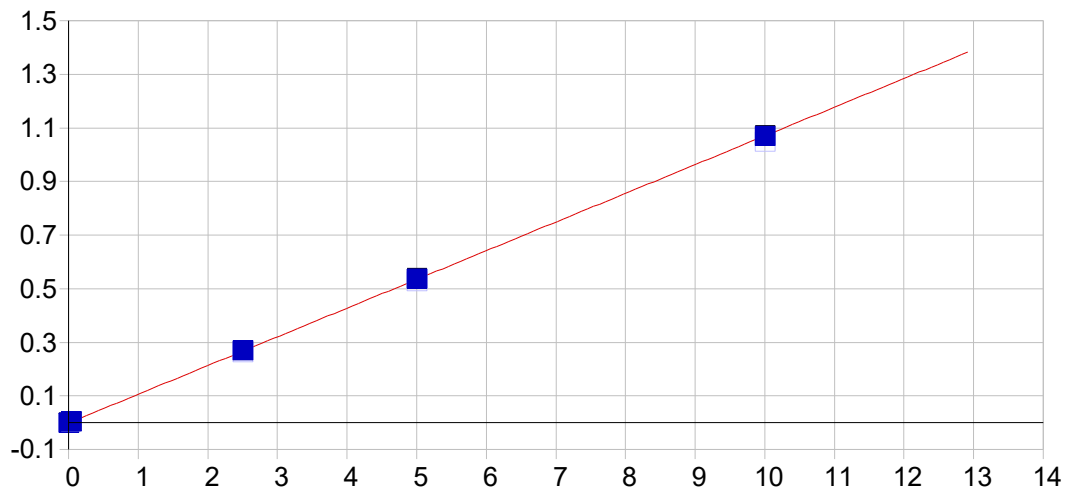


As 189.042 {479}

Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000640 Re-Slope: 1.000000
 A1 (Gain): 0.059186 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.003393
 Predicted MQL: 0.011309

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00064	.000	1
S1	.02000	.02014	.000	.701	.00057	.000	1
S3	2.5000	2.5265	.027	1.06	.14909	.000	1
S4	5.0000	5.0503	.050	1.01	.29865	.001	1
S5	10.000	9.9230	-.077	-.770	.58743	.001	1



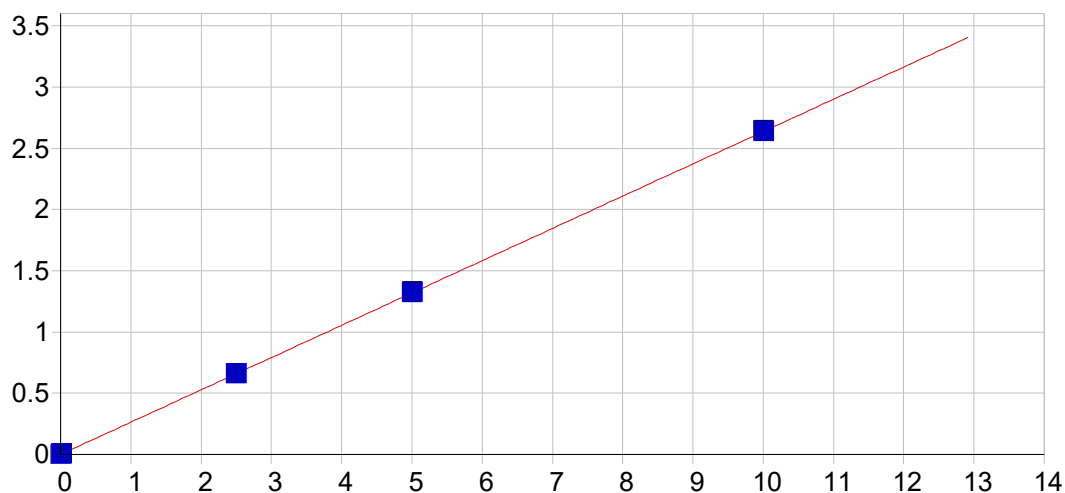
TI 190.856 {477}

Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001339 Re-Slope: 1.000000

A1 (Gain): 0.107144 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: 0.001933
 Predicted MQL: 0.006445

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00134	.000	1
S1	.04000	.04019	.000	.463	.00279	.000	1
S3	2.5000	2.5007	.001	.028	.26100	.001	1
S4	5.0000	5.0171	.017	.342	.52503	.002	1
S5	10.000	9.9820	-.018	-.180	1.0458	.002	1

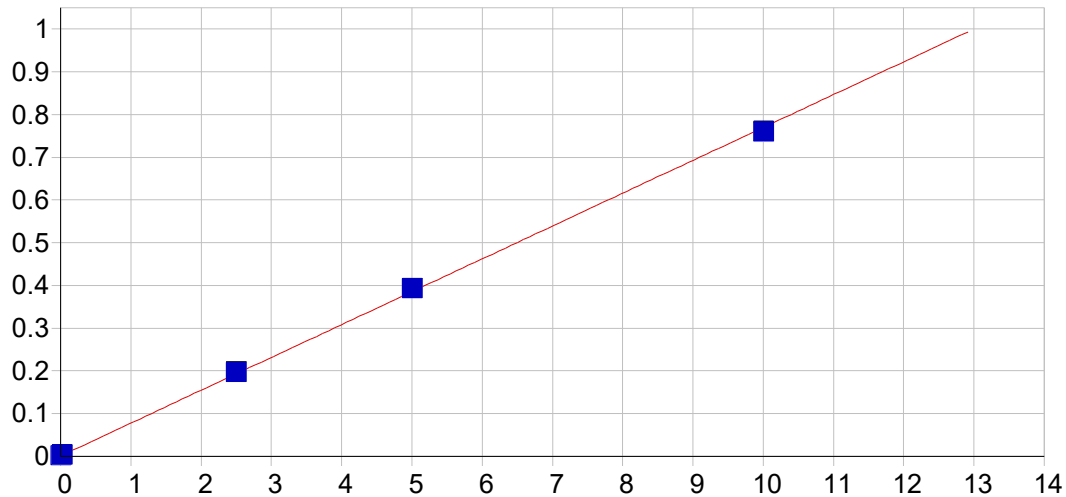


Pb 220.353 {453}

Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000562 Re-Slope: 1.000000
 A1 (Gain): 0.263567 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999999 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.001793
 Predicted MQL: 0.005975

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00056	.000	1
S1	.01200	.01154	-.000	-3.79	.00354	.001	1
S3	2.5000	2.4946	-.005	-.216	.65713	.003	1
S4	5.0000	5.0055	.006	.111	1.3180	.006	1
S5	10.000	10.000	.000	.003	2.6326	.006	1

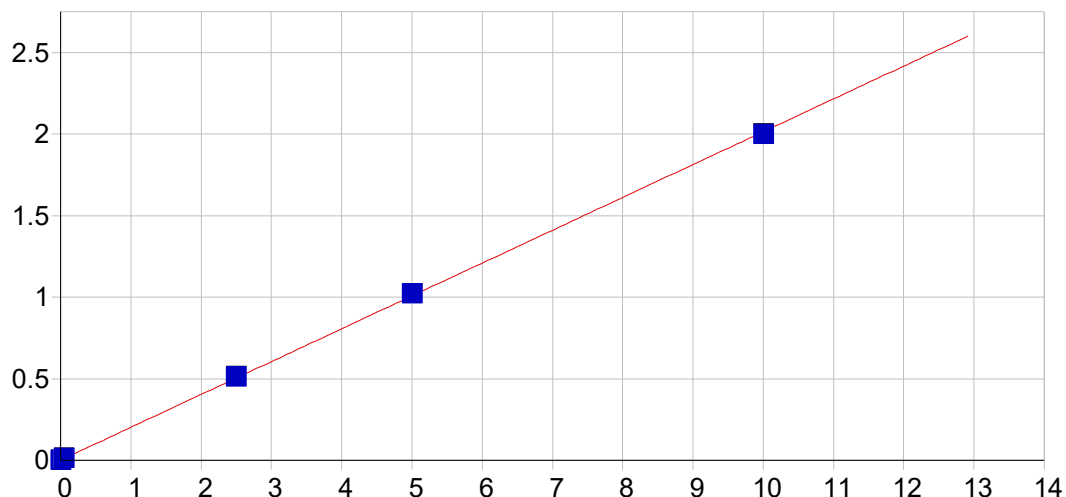


Se 196.090 {472}

Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000963 Re-Slope: 1.000000
 A1 (Gain): 0.076876 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.003097
 Predicted MQL: 0.010325

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00096	.000	1
S1	.02000	.01951	-.000	-2.44	.00246	.000	1
S3	2.5000	2.5437	.044	1.75	.19646	.001	1
S4	5.0000	5.0991	.099	1.98	.39286	.000	1
S5	10.000	9.8577	-.142	-1.42	.75859	.002	1



Sb 206.833 {463}

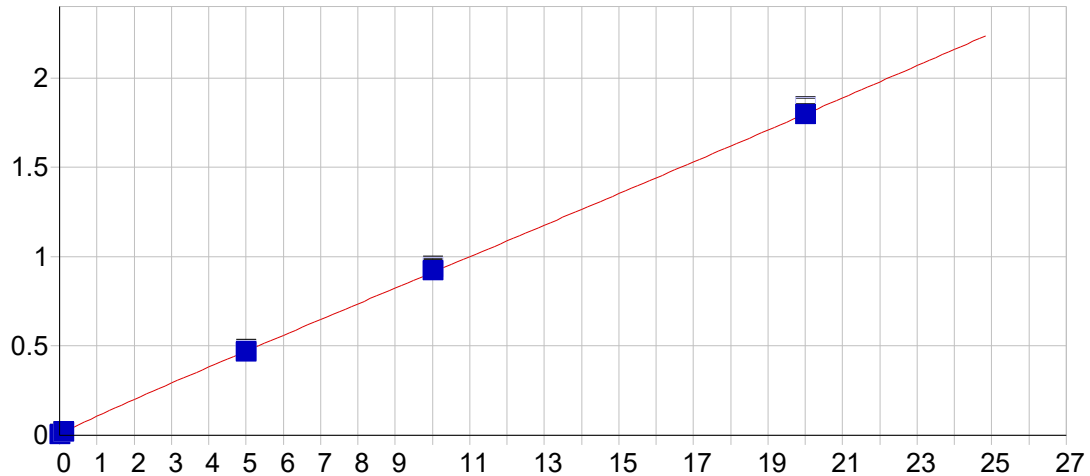
Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001142 Re-Slope: 1.000000
 A1 (Gain): 0.201274 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939
 Std Error of Est: 0.000085
 Predicted MDL: 0.001675
 Predicted MQL: 0.005582

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00114	.000	1
S1	.05000	.05300	.003	6.00	.01178	.000	1
S3	2.5000	2.5314	.031	1.26	.51060	.001	1
S4	5.0000	5.0590	.059	1.18	1.0193	.002	1
S5	10.000	9.9066	-.093	-.934	1.9949	.008	1



AI 396.152 { 85}

Date of Fit: 07/17/2019 16:54:05

Type of Fit: Full Fit

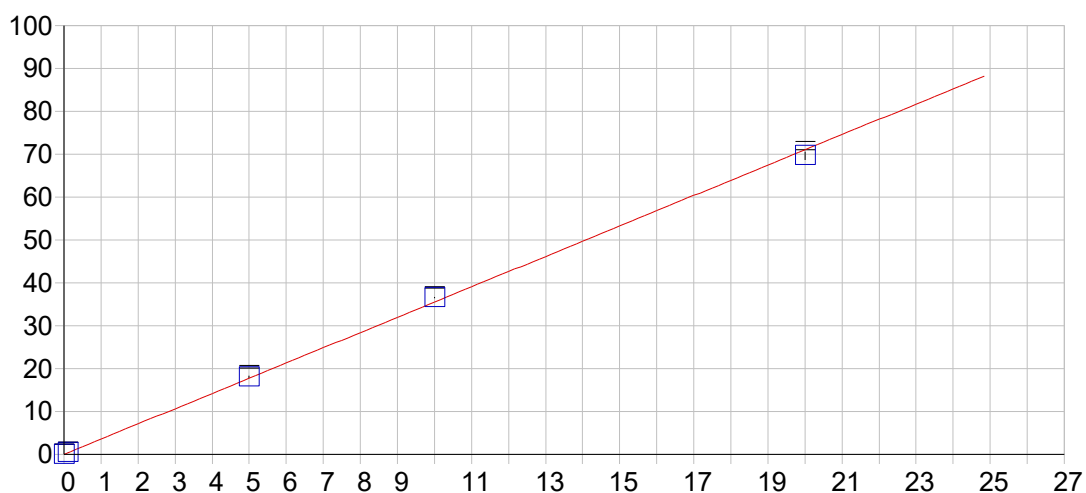
Weighting: 1/Conc

A0 (Offset): 0.004249
 A1 (Gain): 0.102131
 A2 (Curvature): 0.000524
 n (Exponent): 0.930000
 Correlation: 0.999968
 Std Error of Est: 0.000099
 Predicted MDL: 0.009870
 Predicted MQL: 0.032901

Re-Slope: 1.000000
 Y-int: 0.000000

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00425	.000	1
S1	.10000	.10271	.003	2.71	.01732	.001	1
S3	5.0000	4.9256	-.074	-1.49	.47384	.006	1
S4	10.000	10.110	.110	1.10	.94012	.005	1
S5	20.000	19.963	-.037	-.185	1.8329	.003	1

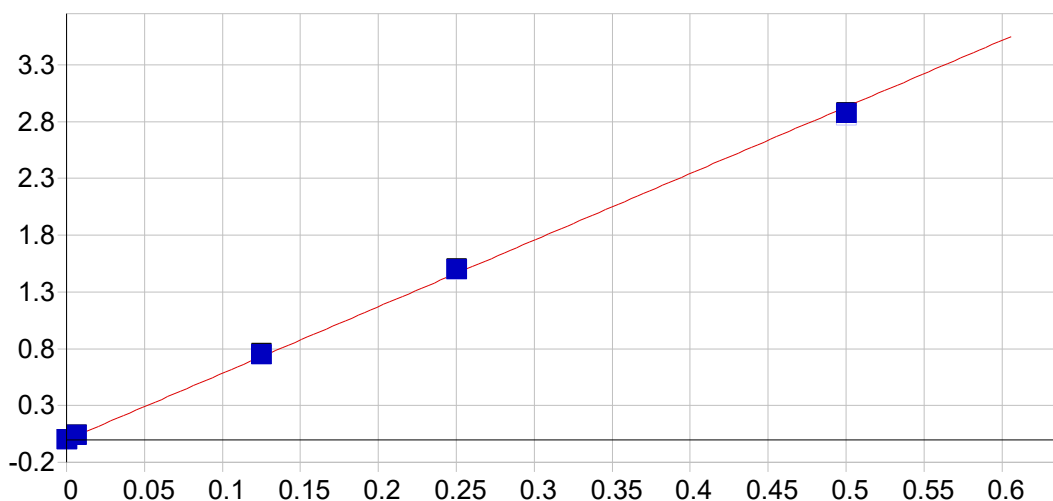


Ba 493.409 { 68}

Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004152 Re-Slope: 1.000000
 A1 (Gain): 3.551374 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999747 Status: OK.
 Std Error of Est: 0.006110
 Predicted MDL: 0.000534
 Predicted MQL: 0.001781

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00412	.001	1
S1	.10000	.10677	.007	6.77	.38332	.003	1
S3	5.0000	5.0952	.095	1.90	18.099	.323	1
S4	10.000	10.284	.284	2.84	36.526	.179	1
S5	20.000	19.614	-.386	-1.93	69.661	.934	1



Be 234.861 {144}

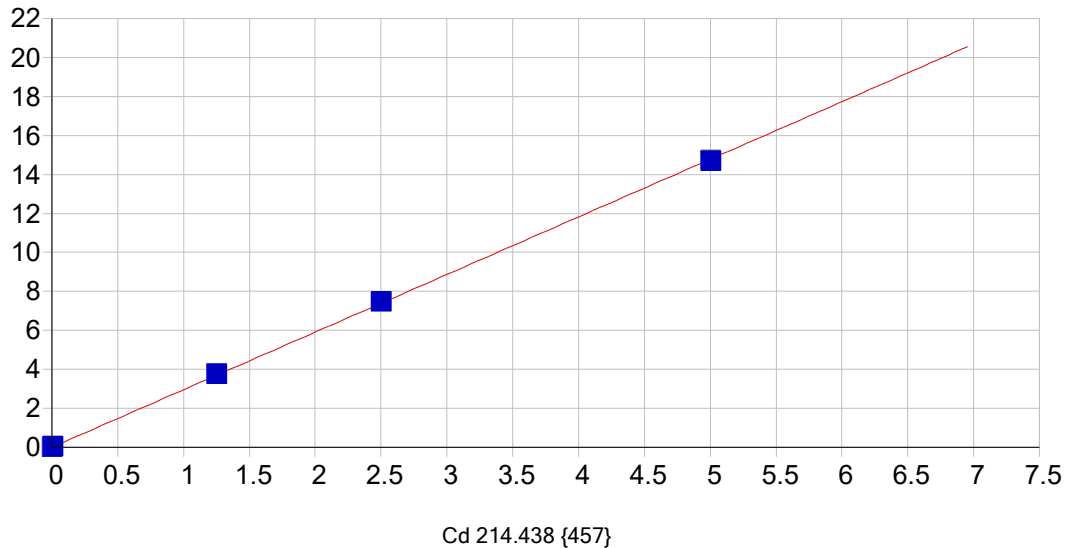
Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002775 Re-Slope: 1.000000
 A1 (Gain): 5.862093 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999717
 Std Error of Est: 0.000411
 Predicted MDL: 0.000069
 Predicted MQL: 0.000231

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00278	.000	1
S1	.00600	.00664	.001	10.7	.03577	.001	1
S3	.12500	.12830	.003	2.64	.74444	.007	1
S4	.25000	.25593	.006	2.37	1.4876	.006	1
S5	.50000	.49013	-.010	-1.97	2.8507	.005	1



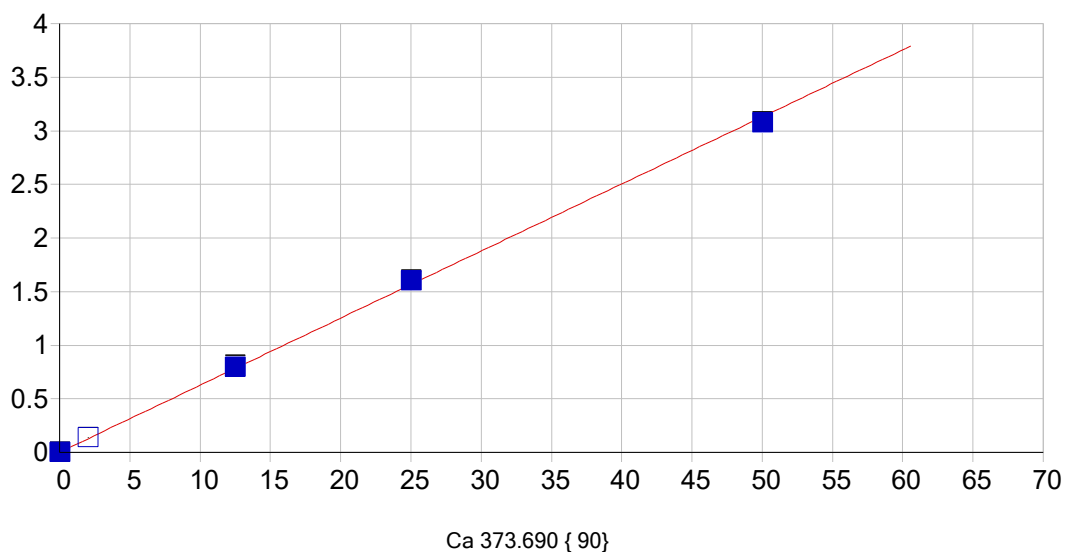
Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000392
 A1 (Gain): 2.955651
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970
 Std Error of Est: 0.000214
 Predicted MDL: 0.000100
 Predicted MQL: 0.000332

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

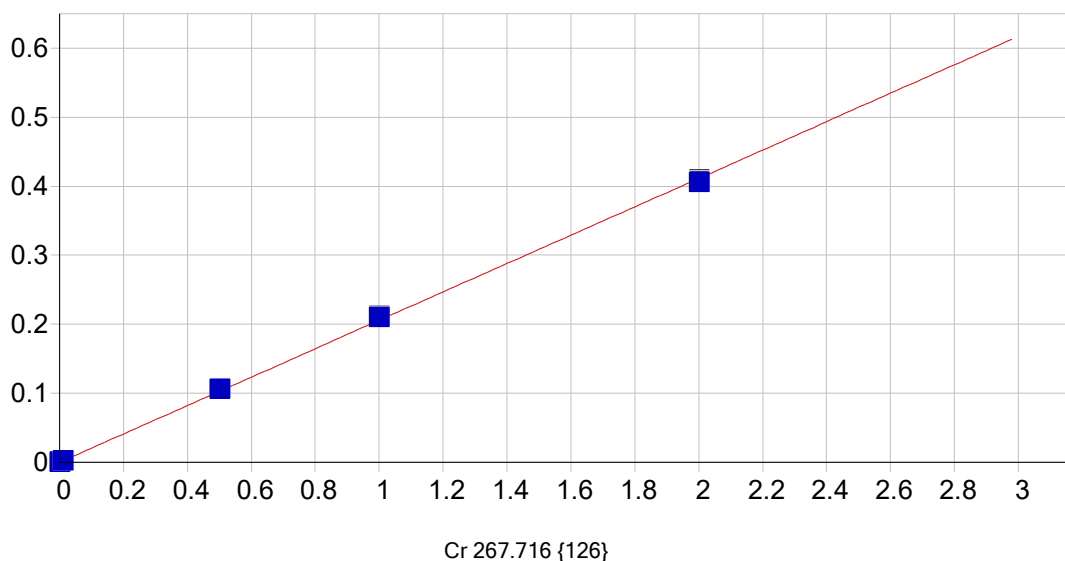
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00039	.000	1
S1	.00600	.00649	.000	8.11	.01957	.000	1
S3	1.2500	1.2642	.014	1.13	3.7371	.007	1
S4	2.5000	2.5173	.017	.693	7.4411	.006	1
S5	5.0000	4.9680	-.032	-.640	14.685	.026	1



Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001002 Re-Slope: 1.000000
 A1 (Gain): 0.062574 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999733 Status: OK.
 Std Error of Est: 0.000789
 Predicted MDL: 0.013616
 Predicted MQL: 0.045386

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00021	-.000	.000	.00099	.000	1
S2	2.0000	2.1779	.178	8.89	.13728	.001	1
S3	12.500	12.671	.171	1.37	.79354	.018	1
S4	25.000	25.567	.567	2.27	1.6002	.008	1
S5	50.000	49.084	-.916	-1.83	3.0711	.009	1



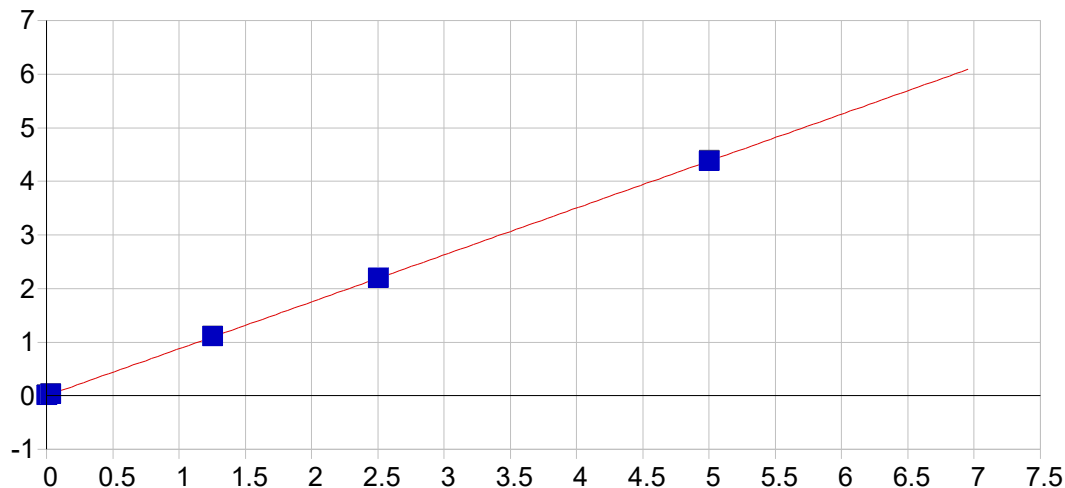
Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000051 Re-Slope: 1.000000
 A1 (Gain): 0.205648 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999839
 Std Error of Est: 0.000028
 Predicted MDL: 0.000535
 Predicted MQL: 0.001783

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.01000	.01027	.000	2.71	.00219	.000	1
S3	.50000	.51372	.014	2.74	.10642	.000	1
S4	1.0000	1.0169	.017	1.69	.21063	.001	1
S5	2.0000	1.9691	-.031	-1.55	.40789	.001	1



Co 228.616 {448}

Date of Fit: 07/17/2019 16:54:05

Type of Fit: Linear

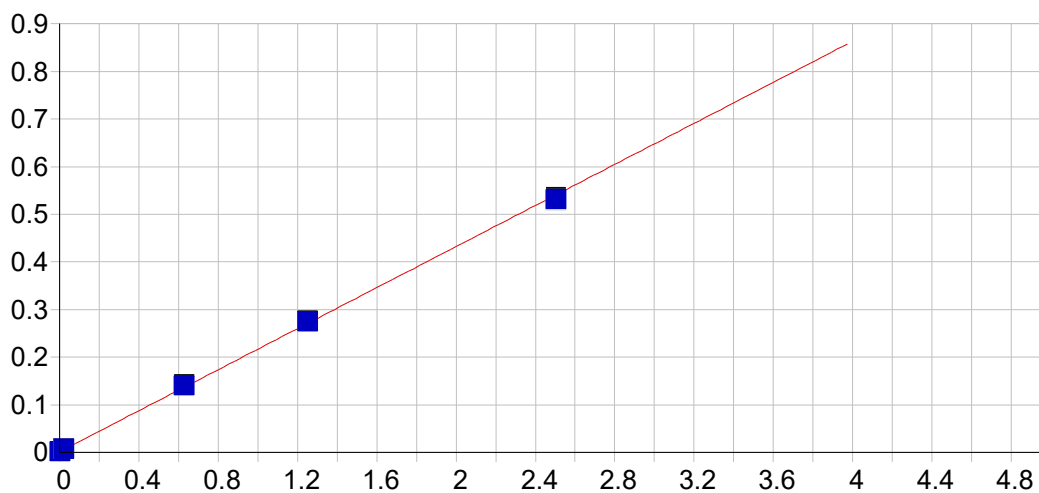
Weighting: 1/Conc

A0 (Offset): -0.000241
 A1 (Gain): 0.875517
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996
 Std Error of Est: 0.000054
 Predicted MDL: 0.000322
 Predicted MQL: 0.001072

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	-.00024	.000	1
S1	.03000	.03097	.001	3.23	.02679	.000	1
S3	1.2500	1.2549	.005	.396	1.1008	.002	1
S4	2.5000	2.5039	.004	.157	2.1966	.003	1
S5	5.0000	4.9902	-.010	-.197	4.3779	.012	1

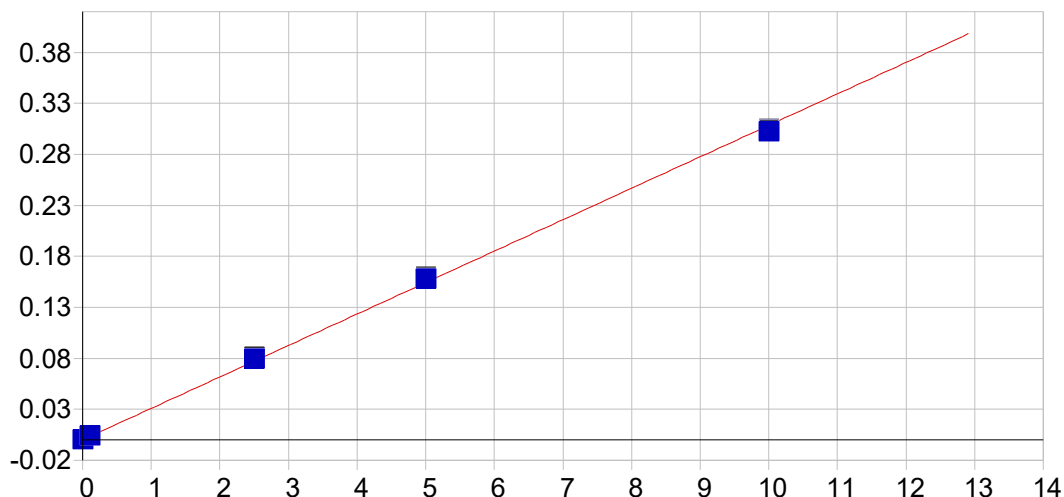


Cu 324.754 {104}

Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001246 Re-Slope: 1.000000
 A1 (Gain): 0.215538 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999752 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.002483
 Predicted MQL: 0.008276

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00125	.000	1
S1	.02000	.02372	.004	18.6	.00635	.000	1
S3	.62500	.64358	.019	2.97	.13926	.001	1
S4	1.2500	1.2680	.018	1.44	.27314	.000	1
S5	2.5000	2.4597	-.040	-1.61	.52857	.004	1



Fe 259.837 {130}

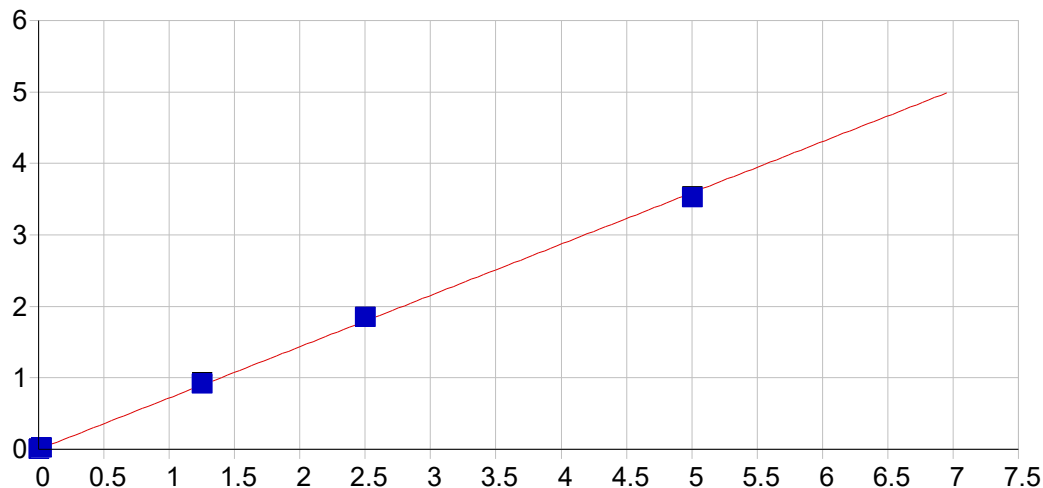
Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000070 Re-Slope: 1.000000
 A1 (Gain): 0.030844 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999672
 Std Error of Est: 0.000043
 Predicted MDL: 0.008831
 Predicted MQL: 0.029435

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00007	.000	1
S1	.10000	.11637	.016	16.4	.00367	.000	1
S3	2.5000	2.5738	.074	2.95	.07983	.001	1
S4	5.0000	5.1144	.114	2.29	.15857	.001	1
S5	10.000	9.7954	-.205	-2.05	.30371	.001	1



Mn 257.610 {131}

Date of Fit: 07/17/2019 16:54:05

Type of Fit: Linear

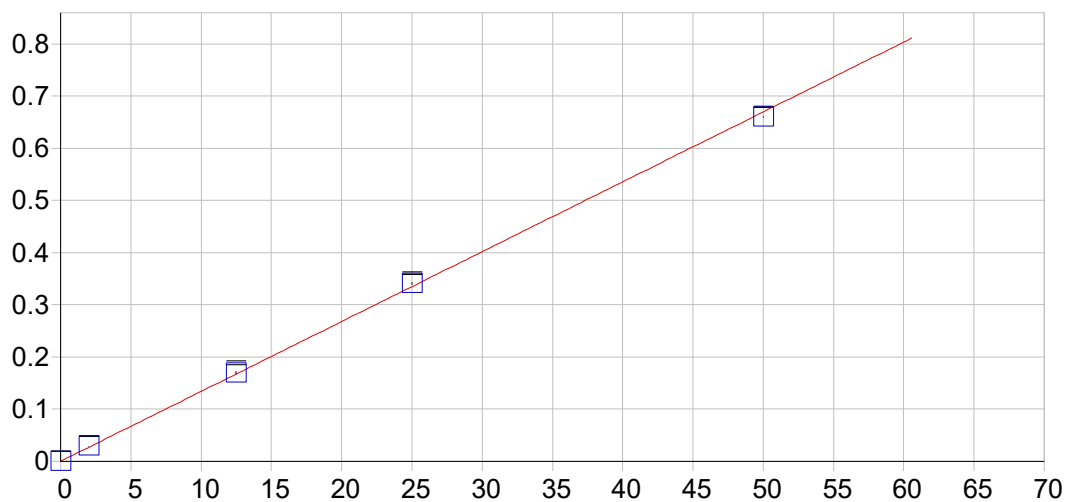
Weighting: 1/Conc

A0 (Offset): 0.000543
 A1 (Gain): 0.717450
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999771
 Std Error of Est: 0.000262
 Predicted MDL: 0.000429
 Predicted MQL: 0.001429

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00054	.000	1
S1	.02000	.02194	.002	9.72	.01629	.000	1
S3	1.2500	1.2714	.021	1.71	.91283	.019	1
S4	2.5000	2.5673	.067	2.69	1.8428	.006	1
S5	5.0000	4.9094	-.091	-1.81	3.5234	.004	1

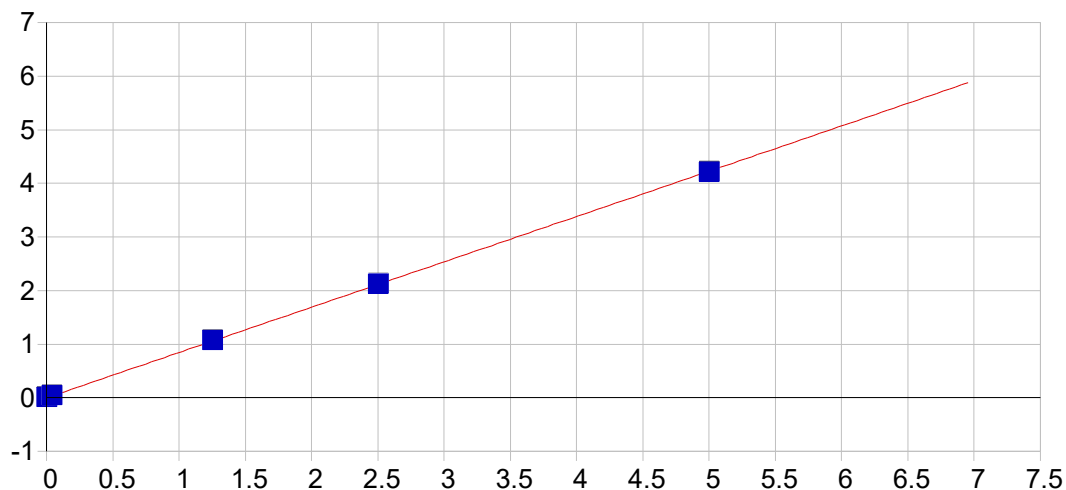


Mg 279.079 {121}

Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000237 Re-Slope: 1.000000
 A1 (Gain): 0.013392 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835 Status: OK.
 Std Error of Est: 0.000133
 Predicted MDL: 0.027486
 Predicted MQL: 0.091619

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00016	-.000	.000	.00023	.000	1
S2	2.0000	2.1363	.136	6.81	.02885	.000	1
S3	12.500	12.622	.122	.973	.16927	.003	1
S4	25.000	25.465	.465	1.86	.34126	.003	1
S5	50.000	49.277	-.723	-1.45	.66016	.001	1



Ni 231.604 {446}

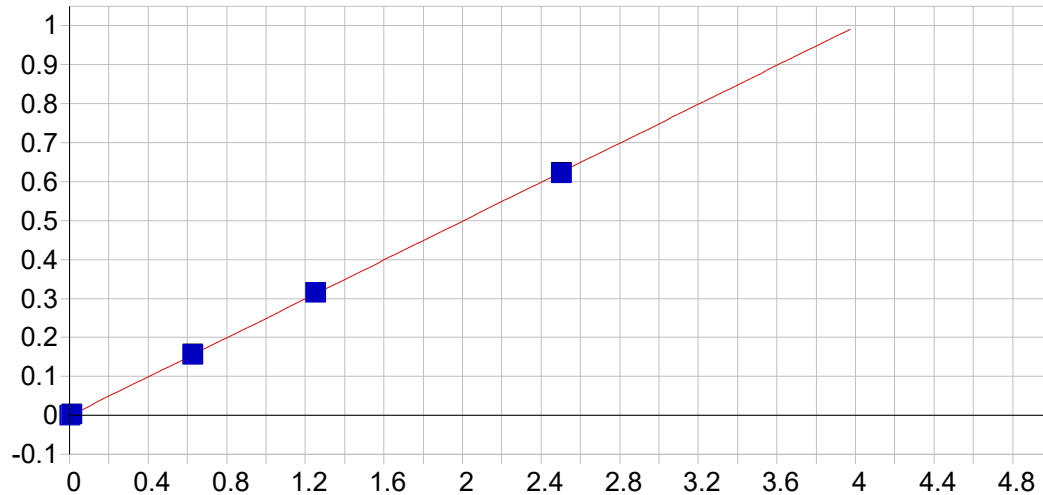
Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002262 Re-Slope: 1.000000
 A1 (Gain): 0.845453 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969
 Std Error of Est: 0.000161
 Predicted MDL: 0.000437
 Predicted MQL: 0.001455

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00227	.000	1
S1	.04000	.04330	.003	8.24	.03437	.000	1
S3	1.2500	1.2609	.011	.874	1.0648	.003	1
S4	2.5000	2.5112	.011	.448	2.1229	.004	1
S5	5.0000	4.9746	-.025	-.508	4.2076	.013	1

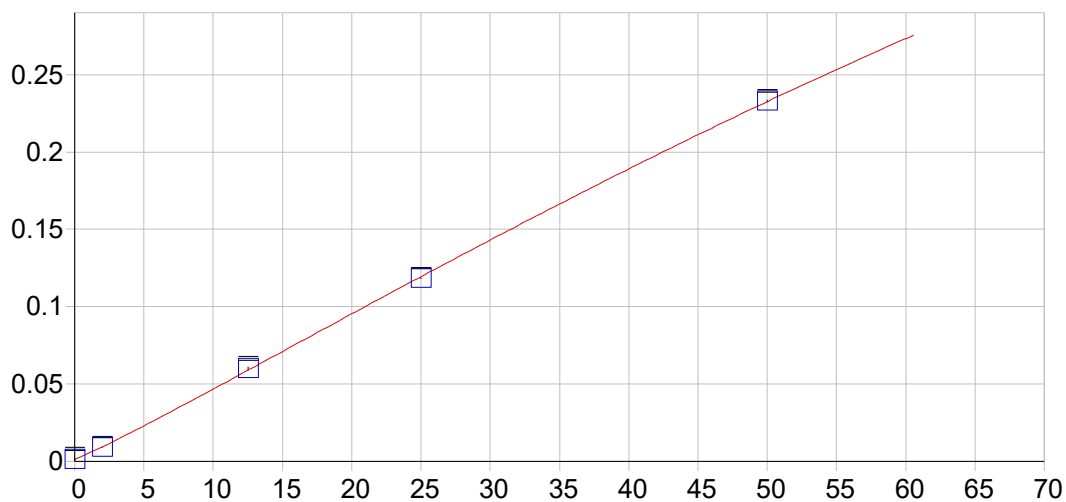


Ag 328.068 {103}

Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000968 Re-Slope: 1.000000
 A1 (Gain): 0.249787 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.000636
 Predicted MQL: 0.002119

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00097	.000	1
S1	.01000	.01081	.001	8.14	.00173	.000	1
S3	.62500	.62531	.000	.049	.15509	.002	1
S4	1.2500	1.2607	.011	.857	.31367	.000	1
S5	2.5000	2.4882	-.012	-.473	.62000	.003	1

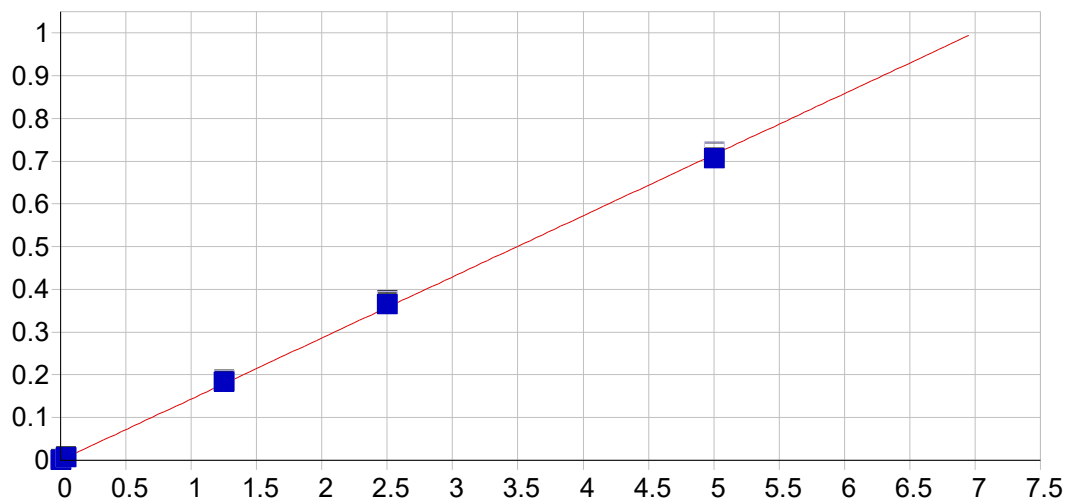


Na 818.326 { 41}

Date of Fit: 07/17/2019 16:54:05 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.001332 Re-Slope: 1.000000
 A1 (Gain): 0.003785 Y-int: 0.000000
 A2 (Curvature): -0.000007
 n (Exponent): 1.090000
 Correlation: 0.999950 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.430384
 Predicted MQL: 1.434614

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00011	.000	.000	.00133	.001	1
S2	2.0000	1.9365	-.063	-3.17	.00908	.001	1
S3	12.500	12.730	.230	1.84	.05999	.001	1
S4	25.000	24.762	-.238	-9.51	.11826	.001	1
S5	50.000	50.069	.069	.138	.23290	.001	1



V 292.402 {115}

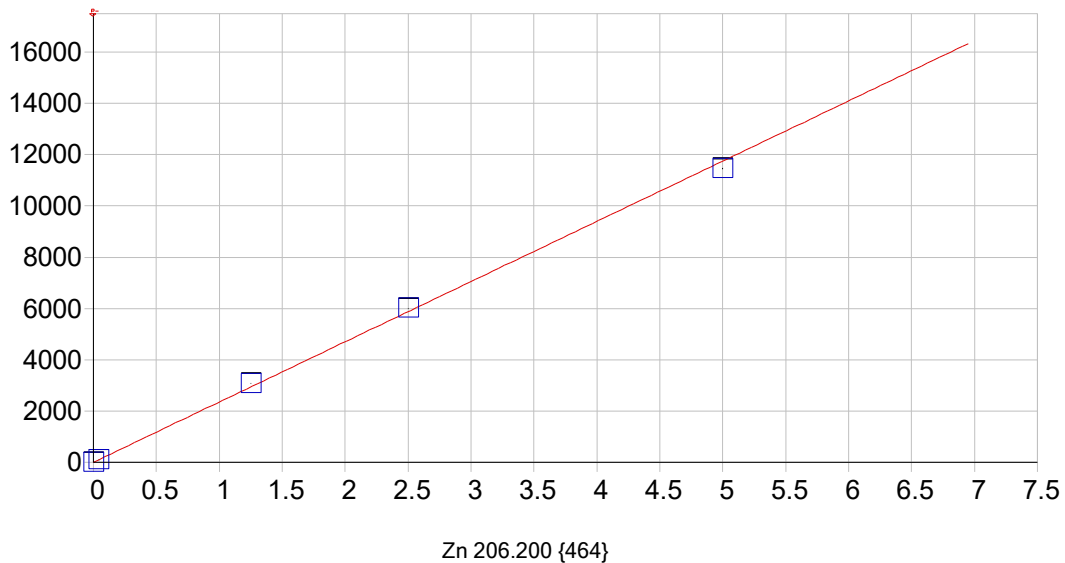
Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000487 Re-Slope: 1.000000
 A1 (Gain): 0.142959 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887
 Std Error of Est: 0.000053
 Predicted MDL: 0.003027
 Predicted MQL: 0.010088

Status: OK.

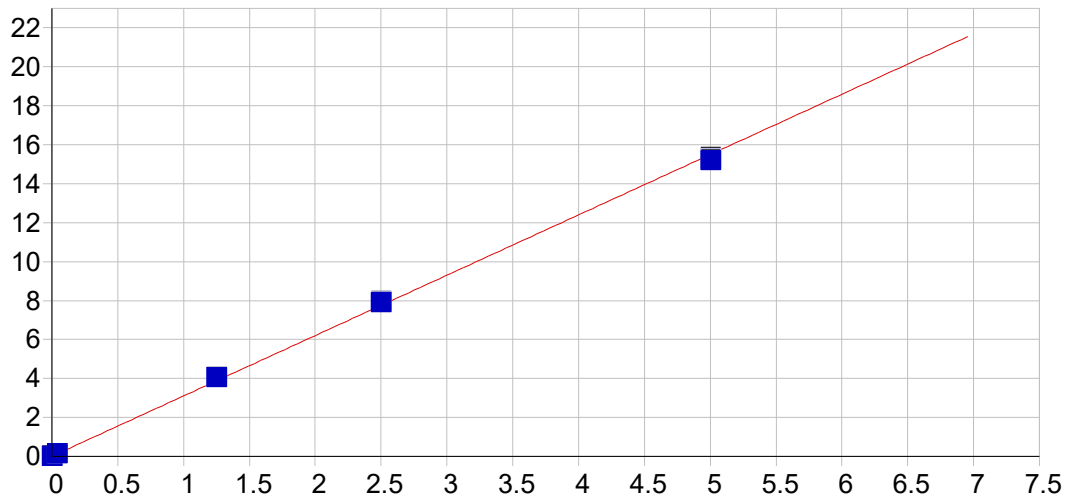
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00049	.000	1
S1	.04000	.04026	.000	.651	.00653	.000	1
S3	1.2500	1.2711	.021	1.68	.18576	.002	1
S4	2.5000	2.5453	.045	1.81	.37148	.001	1
S5	5.0000	4.9334	-.067	-1.33	.72000	.001	1



Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2.457856 Re-Slope: 1.000000
 A1 (Gain): 2349.354373 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999554 Status: OK.
 Std Error of Est: 1.698220
 Predicted MDL: 0.000274
 Predicted MQL: 0.000914

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	2.4406	.315	1
S1	.04000	.04552	.006	13.8	109.40	.386	1
S3	1.2500	1.3097	.060	4.77	3079.3	5.41	1
S4	2.5000	2.5565	.056	2.26	6008.5	14.2	1
S5	5.0000	4.8783	-.122	-2.43	11463.	26.9	1

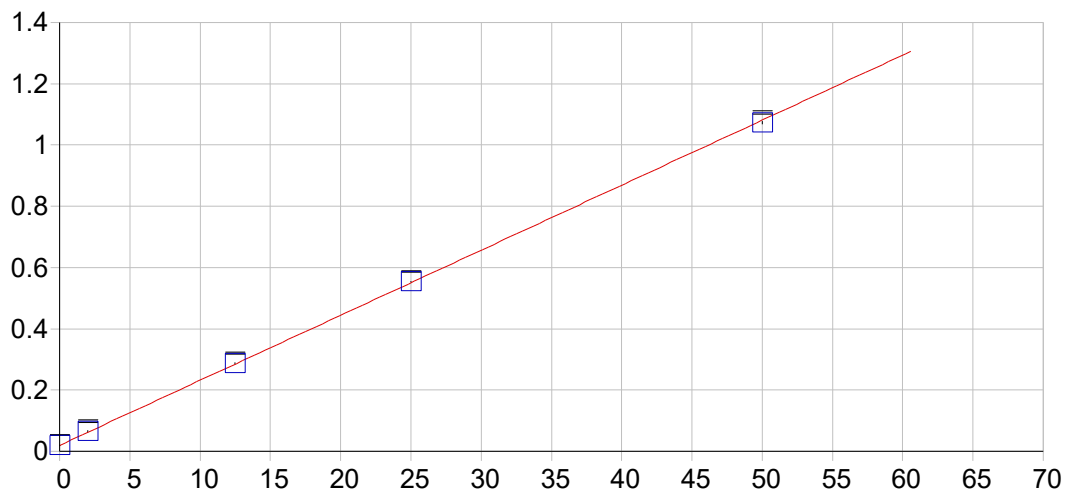


Zn 213.856 {158}

Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007336 Re-Slope: 1.000000
 A1 (Gain): 3.097465 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999728 Status: OK.
 Std Error of Est: 0.001758
 Predicted MDL: 0.000341
 Predicted MQL: 0.001137

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00732	.002	1
S1	.04000	.04347	.003	8.68	.14270	.001	1
S3	1.2500	1.2978	.048	3.83	4.0492	.006	1
S4	2.5000	2.5455	.046	1.82	7.9356	.016	1
S5	5.0000	4.9032	-.097	-1.94	15.282	.069	1



K 769.896 {44}

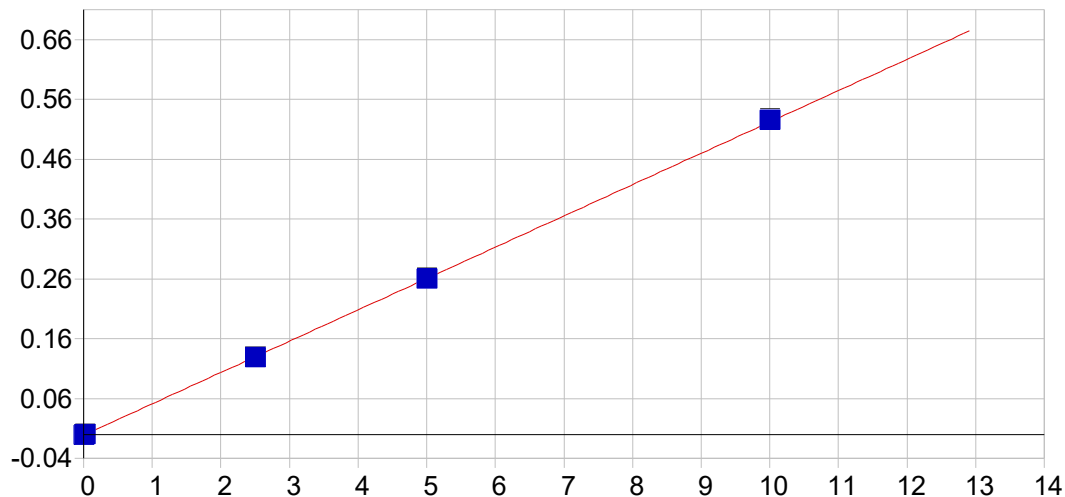
Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.019479 Re-Slope: 1.000000
 A1 (Gain): 0.021234 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922
 Std Error of Est: 0.000145
 Predicted MDL: 0.079336
 Predicted MQL: 0.264455

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00015	-.000	.000	.01948	.001	1
S2	2.0000	2.1303	.130	6.51	.06471	.004	1
S3	12.500	12.611	.111	.886	.28726	.002	1
S4	25.000	25.167	.167	.668	.55388	.003	1
S5	50.000	49.592	-.408	-.816	1.0725	.006	1



P 177.495 {490}

Date of Fit: 07/17/2019 16:54:05

Type of Fit: Linear

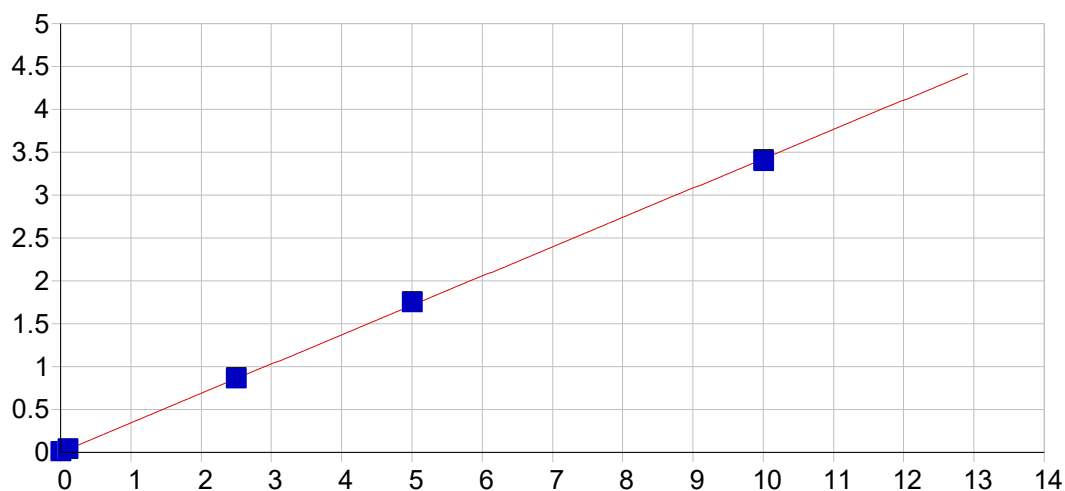
Weighting: 1/Conc

A0 (Offset): -0.001265
 A1 (Gain): 0.052353
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985
 Std Error of Est: 0.000007
 Predicted MDL: 0.002907
 Predicted MQL: 0.009689

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	-.00127	.000	1
S1	.02000	.02019	.000	.972	-.00020	.000	1
S3	2.5000	2.4758	-.024	-.968	.12865	.000	1
S4	5.0000	4.9790	-.021	-.421	.26000	.001	1
S5	10.000	10.045	.045	.450	.52583	.001	1

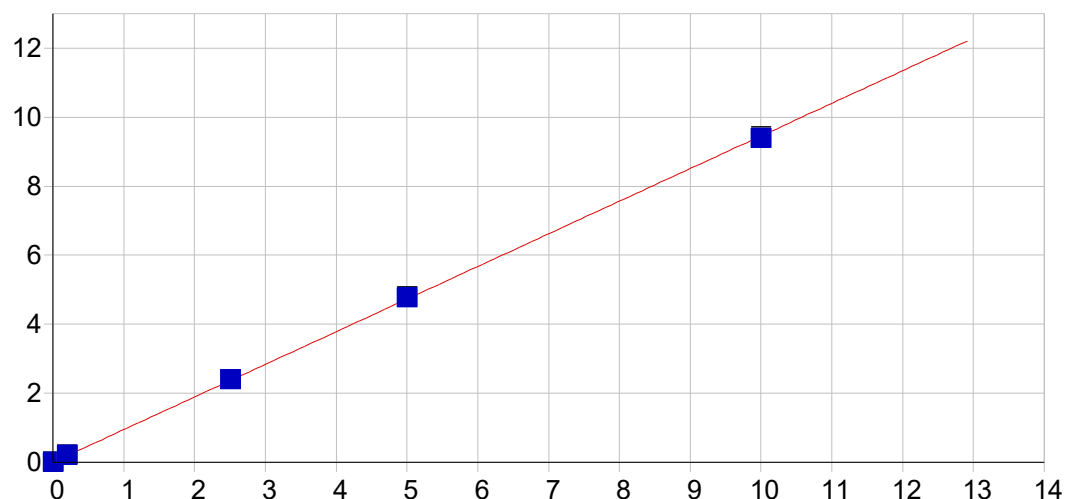


B 249.678 {135}

Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004062 Re-Slope: 1.000000
 A1 (Gain): 0.341922 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000209
 Predicted MDL: 0.001178
 Predicted MQL: 0.003927

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00406	.000	1
S1	.10000	.10108	.001	1.08	.03849	.000	1
S3	2.5000	2.4896	-.010	-.415	.85337	.011	1
S4	5.0000	5.0886	.089	1.77	1.7401	.007	1
S5	10.000	9.9207	-.079	-.793	3.3884	.017	1



Mo 202.030 {467}

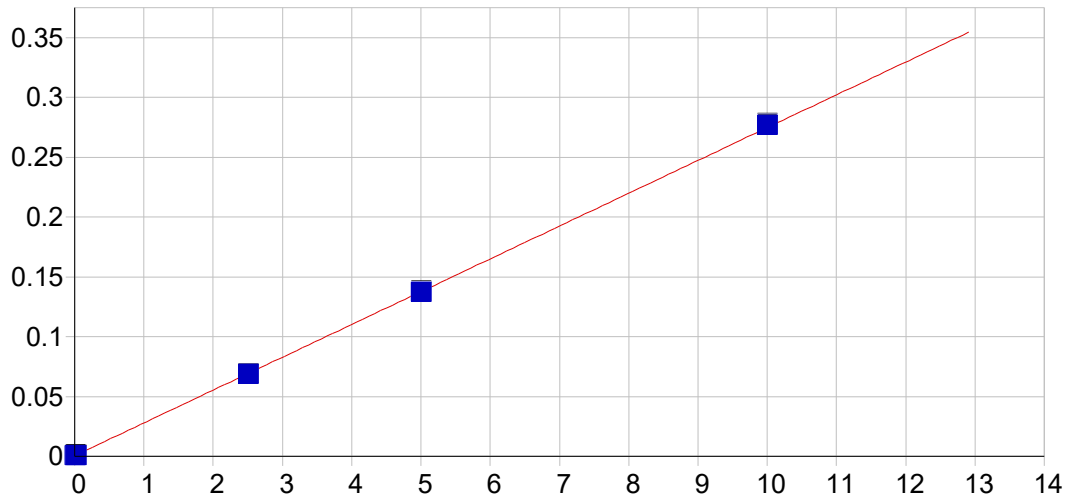
Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001045 Re-Slope: 1.000000
 A1 (Gain): 0.945561 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937
 Std Error of Est: 0.000815
 Predicted MDL: 0.000320
 Predicted MQL: 0.001068

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00103	.000	1
S1	.20000	.21279	.013	6.39	.20227	.000	1
S3	2.5000	2.5265	.027	1.06	2.3906	.003	1
S4	5.0000	5.0454	.045	.908	4.7728	.011	1
S5	10.000	9.9153	-.085	-.847	9.3786	.038	1



S 182.034 {485}

Date of Fit: 07/17/2019 16:54:05

Type of Fit: Linear

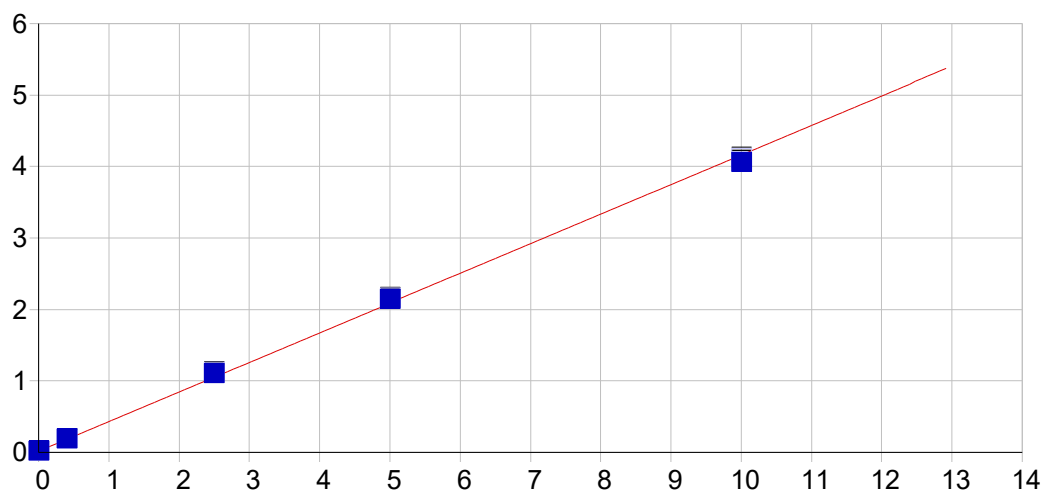
Weighting: 1/Conc

A0 (Offset): 0.000491
 A1 (Gain): 0.027424
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999844
 Std Error of Est: 0.000012
 Predicted MDL: 0.005577
 Predicted MQL: 0.018591

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	.00049	.000	1
S1	.02000	.01036	-.010	-48.2	.00076	.000	1
S3	2.5000	2.4699	-.030	-1.21	.06855	.000	1
S4	5.0000	4.9764	-.024	-.472	.13761	.000	1
S5	10.000	10.063	.063	.631	.27775	.001	1

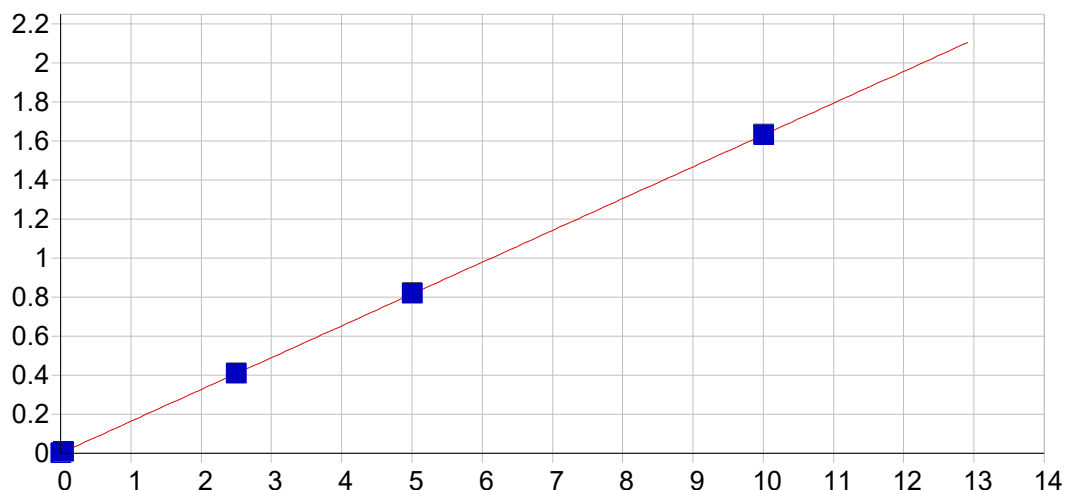


Si 251.611 {134}

Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.016312 Re-Slope: 1.000000
 A1 (Gain): 0.414526 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999585 Status: OK.
 Std Error of Est: 0.001319
 Predicted MDL: 0.001127
 Predicted MQL: 0.003758

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.01630	.001	1
S1	.40000	.40511	.005	1.28	.18504	.002	1
S3	2.5000	2.6257	.126	5.03	1.1169	.015	1
S4	5.0000	5.1164	.116	2.33	2.1616	.005	1
S5	10.000	9.7529	-.247	-2.47	4.1079	.021	1



Sn 189.989 {478}

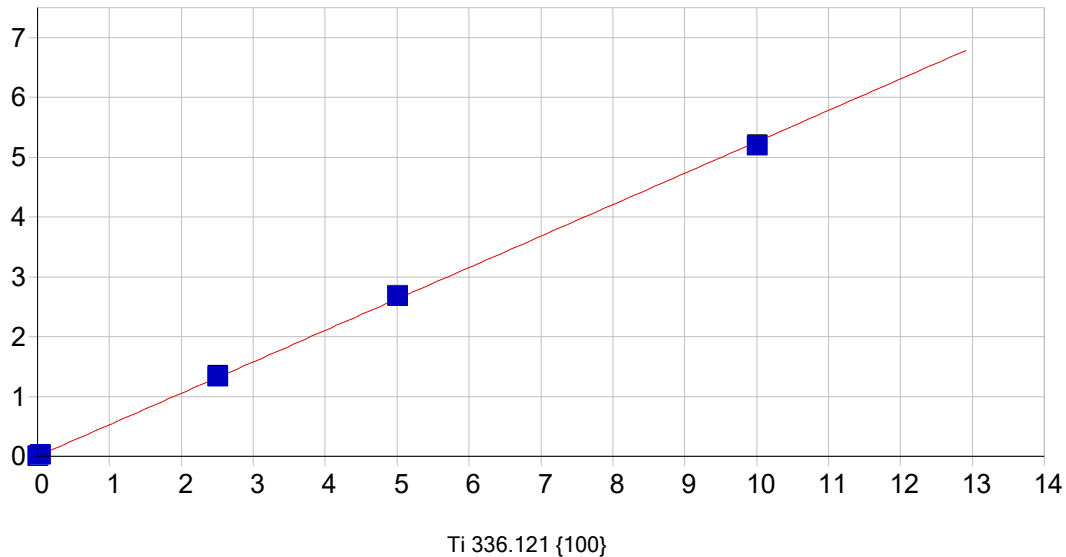
Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000894 Re-Slope: 1.000000
 A1 (Gain): 0.163042 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 1.000000
 Std Error of Est: 0.000003
 Predicted MDL: 0.001055
 Predicted MQL: 0.003516

Status: OK.

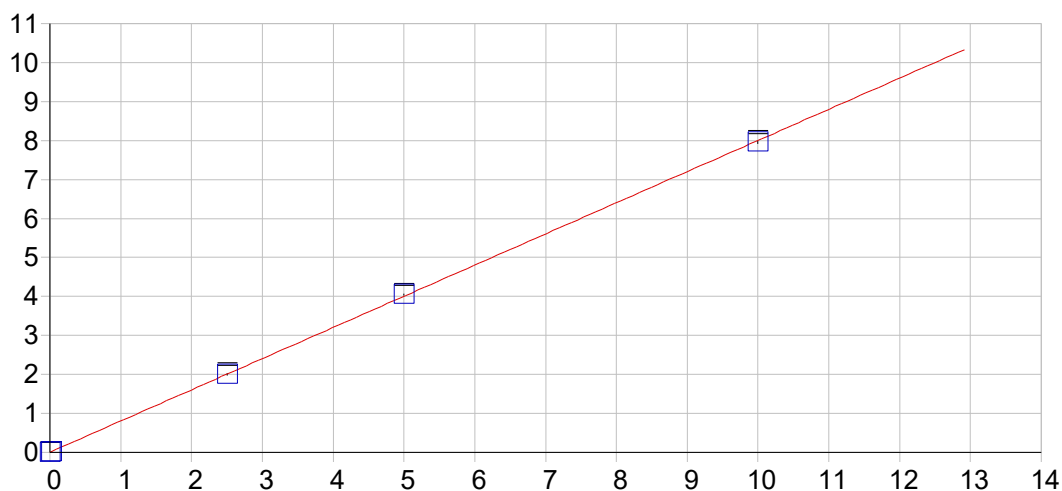
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00089	.000	1
S1	.04000	.04002	.000	.048	.00742	.000	1
S3	2.5000	2.4975	-.003	-.102	.40777	.001	1
S4	5.0000	5.0034	.003	.067	.81601	.003	1
S5	10.000	9.9992	-.001	-.008	1.6299	.002	1



Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002522 Re-Slope: 1.000000
 A1 (Gain): 0.525431 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.000252
 Predicted MDL: 0.001214
 Predicted MQL: 0.004046

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00252	.001	1
S1	.04000	.04034	.000	.856	.02371	.000	1
S3	2.5000	2.5300	.030	1.20	1.3314	.019	1
S4	5.0000	5.0905	.090	1.81	2.6763	.011	1
S5	10.000	9.8792	-.121	-1.21	5.1916	.008	1

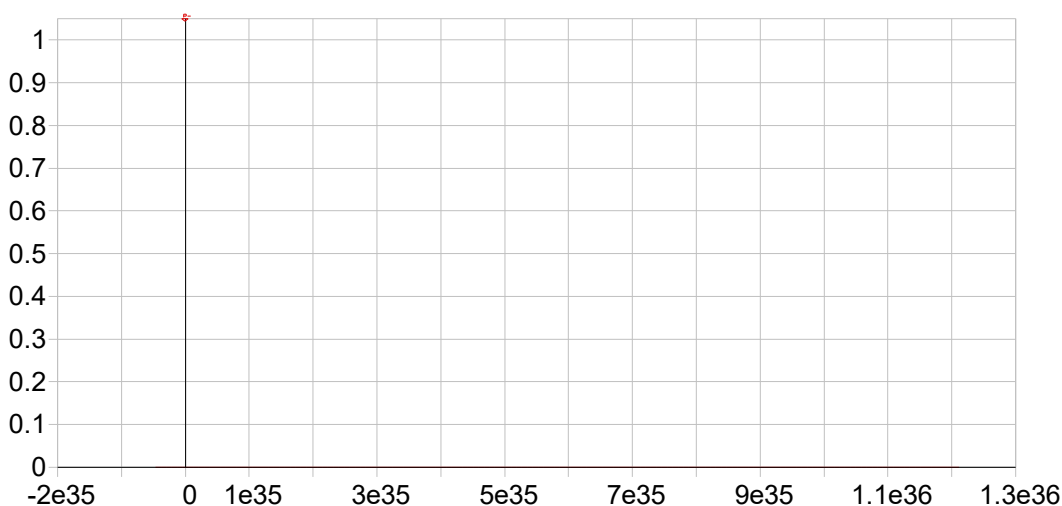


Li 670.784 {50}

Date of Fit: 07/17/2019 16:54:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006178 Re-Slope: 1.000000
 A1 (Gain): 0.799675 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000153
 Predicted MDL: 0.002345
 Predicted MQL: 0.007817

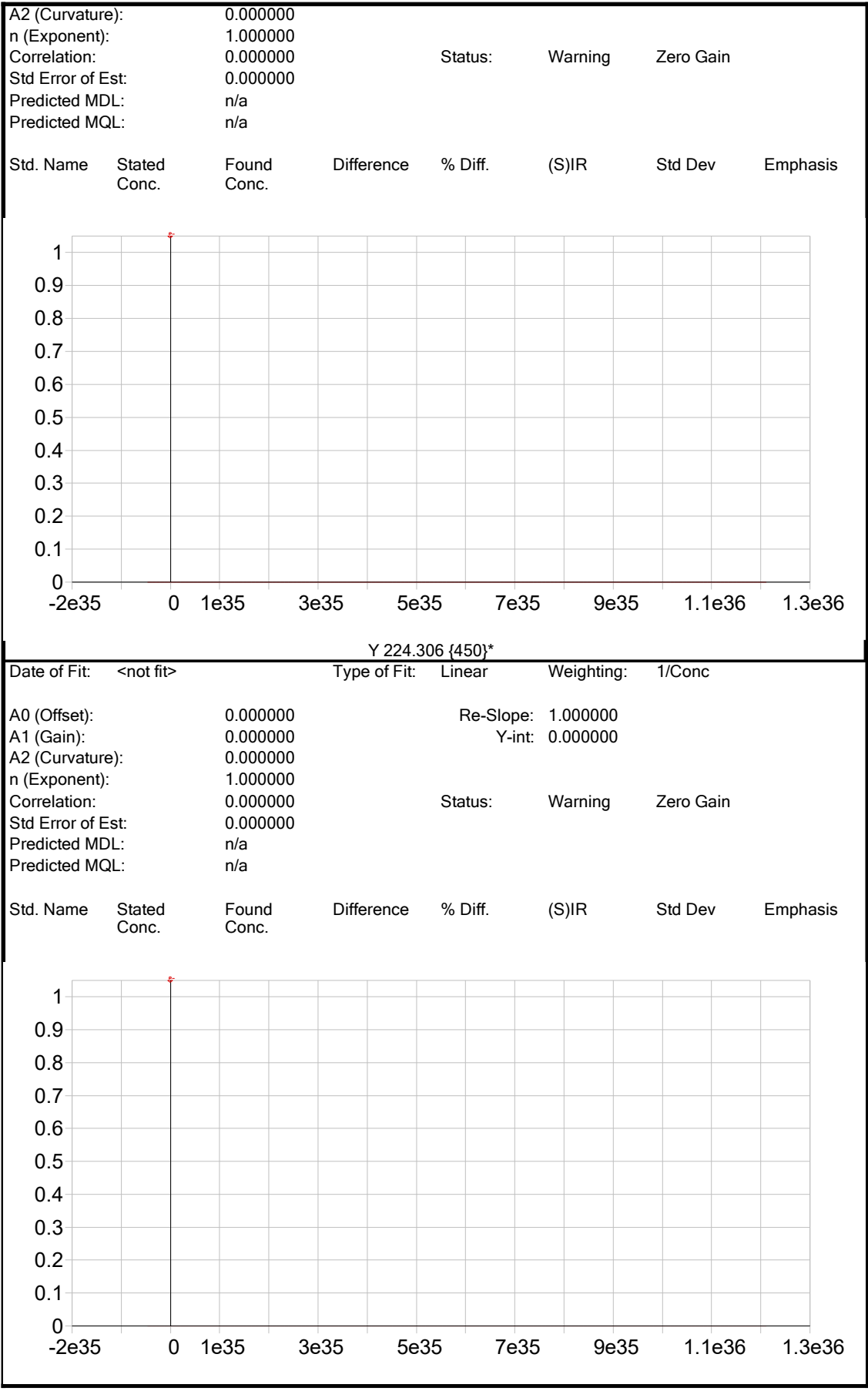
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00618	.002	1
S5	10.000	9.9415	-.059	-.585	7.9561	.036	1
S4	5.0000	5.0604	.060	1.21	4.0529	.024	1
S3	2.5000	2.4975	-.003	-.101	2.0033	.038	1
S1	.02000	.02067	.001	3.36	.02271	.002	1

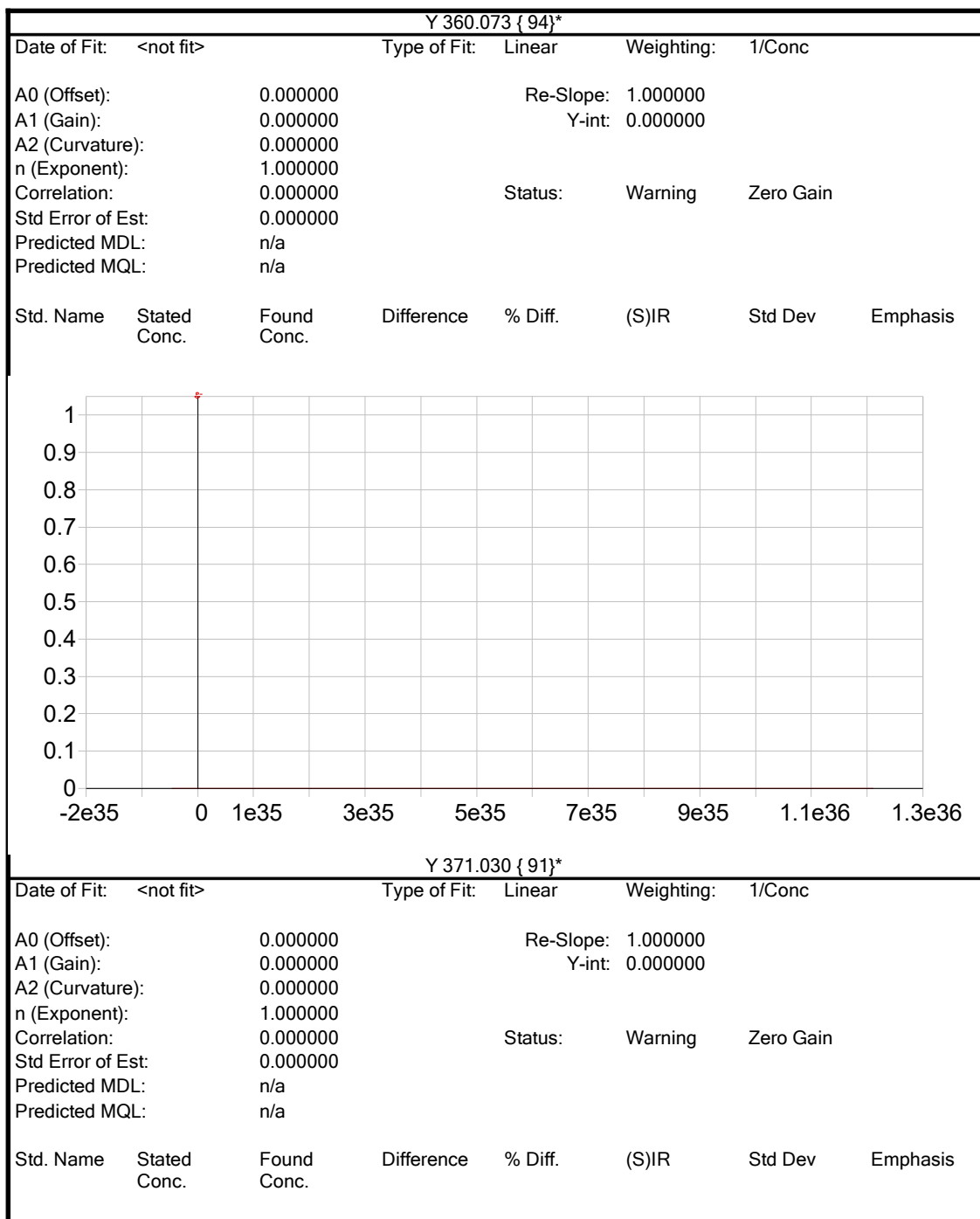


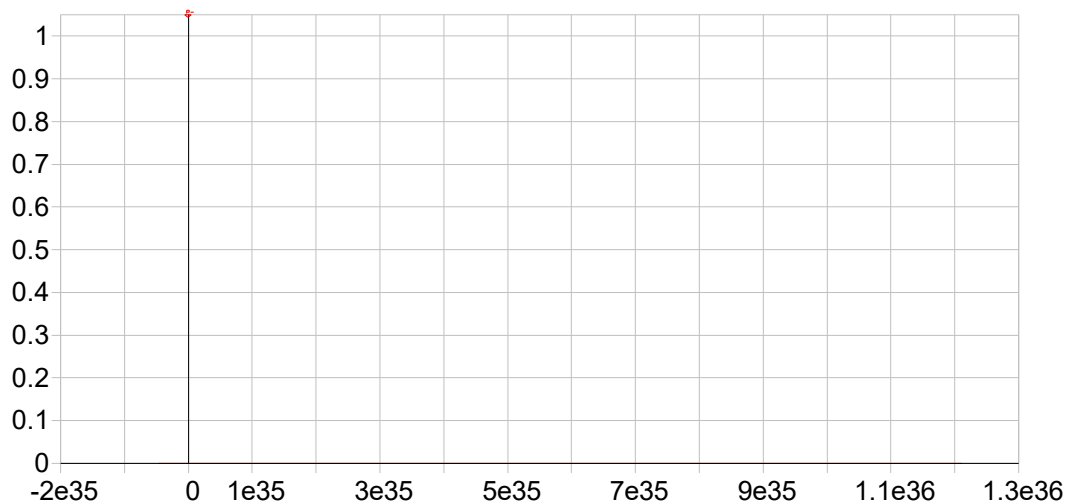
Y 224.306 {150}*

Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

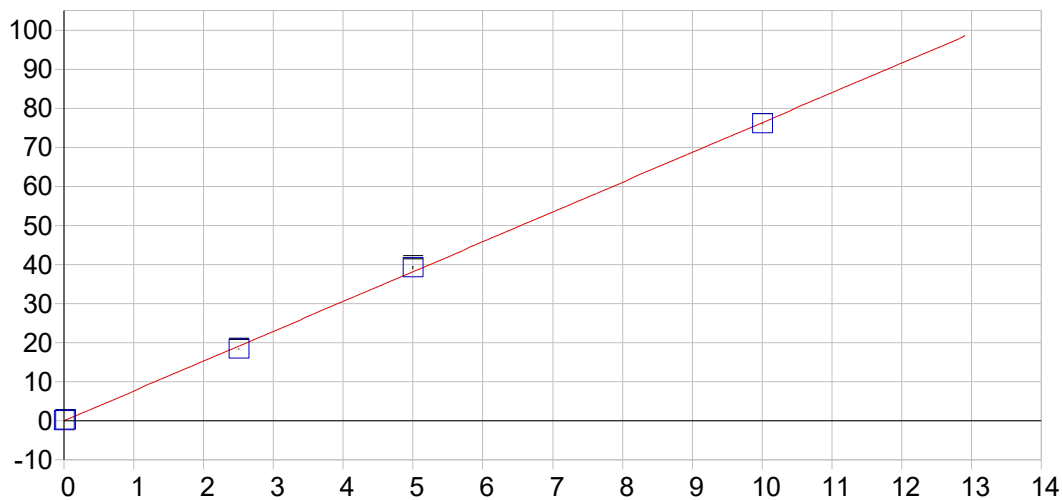
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Sr 407.771 { 83}

Date of Fit: 07/17/2019 16:54:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000547

Re-Slope: 1.000000

A1 (Gain): 7.630443

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999765

Status: OK.

Std Error of Est: 0.003996

Predicted MDL: 0.000107

Predicted MQL:		0.000356					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00053	.001	1
S1	.02000	.02242	.002	12.1	.17162	.001	1
S3	2.5000	2.3994	-.101	-4.02	18.309	.147	1
S4	5.0000	5.1369	.137	2.74	39.197	.393	1
S5	10.000	9.9613	-.039	-.387	76.009	.039	1

Sample Name: S0 Acquired: 07/17/2019 11:16:55 Type: Cal
Method: NON EPA-6010-200.7(v126) 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	-.00064	-.00134	.00056	.00096	.00114	.00425	.00412	-.00278
Stddev	.00006	.00018	.00016	.00039	.00009	.00018	.00084	.00041
%RSD	10.008	13.746	28.047	40.243	8.2753	4.2764	20.322	14.595
#1	-.00071	-.00139	.00072	.00130	.00103	.00432	.00387	-.00281
#2	-.00059	-.00149	.00040	.00054	.00119	.00404	.00505	-.00236
#3	-.00062	-.00113	.00057	.00106	.00120	.00438	.00343	-.00317
Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00039	.00099	.00005	-.00024	.00125	.00007	.00054	.00023
Stddev	.00026	.00021	.00003	.00014	.00023	.00011	.00006	.00011
%RSD	66.447	20.961	63.079	57.859	18.071	164.78	11.201	45.518
#1	.00058	.00101	.00006	-.00027	.00110	-.00006	.00055	.00012
#2	.00050	.00118	.00008	-.00009	.00113	.00017	.00048	.00032
#3	.00010	.00077	.00002	-.00036	.00150	.00010	.00059	.00026
Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00227	-.00097	.00133	.00049	.00732	.01948	-.00127	.00406
Stddev	.00016	.00011	.00112	.00029	.00179	.00088	.00001	.00002
%RSD	7.0547	11.345	84.463	59.524	24.487	4.5023	.55106	.46032
#1	-.00244	-.00108	.00007	.00058	.00653	.01898	-.00126	.00405
#2	-.00212	-.00096	.00223	.00016	.00937	.01896	-.00127	.00406
#3	-.00224	-.00086	.00169	.00072	.00606	.02049	-.00127	.00408
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00103	.00049	.01630	.00089	.00252	.00618	.00053	
Stddev	.00015	.00021	.00085	.00024	.00069	.00167	.00058	
%RSD	15.000	41.710	5.2321	26.941	27.251	26.974	109.88	
#1	.00120	.00073	.01543	.00109	.00173	.00542	.00121	
#2	.00100	.00037	.01634	.00097	.00298	.00503	.00019	
#3	.00090	.00038	.01713	.00063	.00285	.00809	.00020	

Sample Name: S0 Acquired: 07/17/2019 11:16:55 Type: Cal
Method: NON EPA-6010-200.7(v126) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1681.8	2222.4	36006.	7055.6	2676.1
Stddev	2.5	7.1	136.	7.4	8.1
%RSD	.15009	.32124	.37765	.10459	.30198
#1	1679.0	2224.0	36014.	7059.6	2674.8
#2	1682.3	2228.6	36138.	7047.1	2684.8
#3	1684.0	2214.6	35867.	7060.1	2668.8

Sample Name: S1 Acquired: 07/17/2019 11:20:48 Type: Cal
Method: NON EPA-6010-200.7(v126) 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	.00057	.00279	.00354	.00246	.01178	.01732	.38332	.03577
Stddev	.00010	.00013	.00057	.00008	.00030	.00090	.00291	.00053
%RSD	18.057	4.7292	16.193	3.0639	2.5736	5.1686	.75938	1.4916

#1	.00057	.00288	.00373	.00248	.01203	.01656	.38109	.03629
#2	.00067	.00286	.00289	.00238	.01186	.01708	.38661	.03581
#3	.00047	.00264	.00399	.00253	.01144	.01831	.38226	.03522

Elem	Cd2144	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01957	.00219	.02679	.00635	.00367	.01629	.03437	.00173
Stddev	.00044	.00003	.00013	.00028	.00010	.00026	.00007	.00016
%RSD	2.2713	1.2714	.48783	4.3738	2.8521	1.5885	.21144	9.1089

#1	.01942	.00221	.02666	.00667	.00375	.01604	.03429	.00173
#2	.01923	.00216	.02692	.00621	.00370	.01656	.03443	.00188
#3	.02007	.00220	.02679	.00617	.00355	.01628	.03440	.00157

Elem	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00653	.14270	-.00020	.03849	.20227	.00076	.18504	.00742
Stddev	.00039	.00056	.00006	.00008	.00046	.00020	.00210	.00019
%RSD	5.9255	.39401	31.440	.19618	.22821	26.784	1.1331	2.4937

#1	.00658	.14208	-.00013	.03858	.20195	.00056	.18694	.00754
#2	.00689	.14285	-.00021	.03847	.20206	.00097	.18538	.00752
#3	.00612	.14318	-.00025	.03843	.20280	.00076	.18279	.00721

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.02371	.02271	.17162
Stddev	.00048	.00191	.00101
%RSD	2.0182	8.4306	.58614

#1	.02340	.02370	.17055
#2	.02345	.02393	.17177
#3	.02426	.02050	.17255

Sample Name: S1 Acquired: 07/17/2019 11:20:48 Type: Cal
Method: NON EPA-6010-200.7(v126) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1664.7	2216.5	35739.	6952.4	2680.3
Stddev	17.7	3.9	151.	30.1	3.8
%RSD	1.0658	.17472	.42270	.43293	.14041
#1	1682.2	2220.1	35912.	6918.6	2684.4
#2	1665.1	2212.4	35632.	6962.3	2679.5
#3	1646.8	2217.1	35674.	6976.4	2677.1

Sample Name: S2 Acquired: 07/17/2019 11:24:40 Type: Cal
Method: NON EPA-6010-200.7(v126) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na8183	K_7698
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.13728	.02885	.00908	.06471
Stddev	.00114	.00030	.00053	.00360
%RSD	.82706	1.0350	5.8223	5.5626

#1	.13654	.02882	.00927	.06188
#2	.13859	.02916	.00949	.06350
#3	.13671	.02856	.00848	.06876

Int. Std.	Y_3710
Units	Cts/S
Avg	6885.9
Stddev	40.9
%RSD	.59434

#1	6903.7
#2	6839.1
#3	6915.0

Sample Name: S3 Acquired: 07/17/2019 11:28:27 Type: Cal
Method: NON EPA-6010-200.7(v126) 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	.14909	.26100	.65713	.19646	.51060	.47384	18.099	.74444
Stddev	.00021	.00097	.00259	.00077	.00131	.00599	.323	.00677
%RSD	.14083	.37077	.39438	.39300	.25709	1.2640	1.7834	.90941

#1	.14885	.26079	.65614	.19584	.50949	.46710	17.726	.73731
#2	.14926	.26016	.65518	.19733	.51026	.47855	18.288	.75078
#3	.14915	.26206	.66007	.19621	.51205	.47588	18.283	.74522

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.7371	.79354	.10642	1.1008	.13926	.07983	.91283	.16927
Stddev	.0068	.01772	.00025	.0018	.00144	.00120	.01909	.00313
%RSD	.18245	2.2331	.23570	.16267	1.0342	1.5082	2.0914	1.8467

#1	3.7336	.77308	.10671	1.0996	.13760	.07850	.89079	.16566
#2	3.7327	.80398	.10631	1.0999	.13991	.08085	.92387	.17129
#3	3.7449	.80357	.10624	1.1028	.14025	.08015	.92384	.17084

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0648	.15509	.05999	.18576	4.0492	.28726	.12865	.85337
Stddev	.0028	.00153	.00137	.00177	.0063	.00239	.00013	.01062
%RSD	.26630	.98470	2.2899	.95211	.15445	.83074	.10278	1.2450

#1	1.0626	.15372	.05927	.18374	4.0424	.28569	.12876	.84110
#2	1.0638	.15482	.06157	.18650	4.0547	.28608	.12869	.85921
#3	1.0680	.15673	.05911	.18703	4.0505	.29000	.12851	.85979

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.3906	.06855	1.1169	.40777	1.3314	2.0033	18.309	
Stddev	.0032	.00017	.0145	.00053	.0192	.0384	.147	
%RSD	.13229	.24625	1.3019	.13111	1.4389	1.9154	.80527	

#1	2.3877	.06837	1.1002	.40723	1.3097	1.9593	18.140	
#2	2.3940	.06870	1.1263	.40777	1.3461	2.0214	18.380	
#3	2.3900	.06857	1.1243	.40830	1.3384	2.0293	18.408	

Sample Name: S3 Acquired: 07/17/2019 11:28:27 Type: Cal
Method: NON EPA-6010-200.7(v126) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1647.8	2197.0	35600.	6886.1	2643.9
Stddev	4.3	5.9	60.	56.3	4.0
%RSD	.25914	.26715	.16831	.81772	.15143
#1	1645.7	2198.9	35667.	6939.0	2644.5
#2	1644.9	2190.4	35552.	6826.9	2639.6
#3	1652.7	2201.6	35582.	6892.3	2647.5

Sample Name: S4 Acquired: 07/17/2019 11:32:03 Type: Cal
Method: NON EPA-6010-200.7(v126) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.29865	.52503	1.3180	.39286	1.0193	.94012	36.526	1.4876
Stddev	.00113	.00210	.0060	.00022	.0022	.00496	.179	.0063
%RSD	.37921	.39912	.45595	.05587	.21829	.52792	.48984	.42012

#1	.29772	.52555	1.3171	.39263	1.0167	.93583	36.483	1.4948
#2	.29831	.52272	1.3125	.39288	1.0203	.94555	36.723	1.4830
#3	.29991	.52681	1.3244	.39306	1.0209	.93898	36.373	1.4851

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.4411	1.6002	.21063	2.1966	.27314	.15857	1.8428	.34126
Stddev	.0062	.0077	.00096	.0031	.00039	.00066	.0063	.00258
%RSD	.08318	.48013	.45701	.13942	.14126	.41517	.34143	.75636

#1	7.4447	1.5994	.21034	2.1968	.27269	.15784	1.8377	.33828
#2	7.4340	1.6082	.20984	2.1934	.27338	.15877	1.8498	.34272
#3	7.4447	1.5929	.21170	2.1995	.27335	.15911	1.8409	.34278

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.1229	.31367	.11826	.37148	7.9356	.55388	.26000	1.7401
Stddev	.0037	.00025	.00052	.00090	.0157	.00293	.00079	.0068
%RSD	.17211	.07901	.43558	.24099	.19736	.52872	.30440	.39254

#1	2.1222	.31395	.11775	.37053	7.9229	.55115	.26046	1.7478
#2	2.1196	.31350	.11824	.37231	7.9531	.55697	.25909	1.7373
#3	2.1268	.31355	.11878	.37161	7.9308	.55351	.26046	1.7350

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.7728	.13761	2.1616	.81601	2.6763	4.0529	39.197	
Stddev	.0108	.00045	.0048	.00295	.0111	.0239	.393	
%RSD	.22555	.32445	.22133	.36122	.41322	.58841	1.0022	

#1	4.7605	.13768	2.1658	.81370	2.6758	4.0382	39.634	
#2	4.7777	.13714	2.1564	.81500	2.6876	4.0804	38.874	
#3	4.7803	.13802	2.1625	.81933	2.6655	4.0400	39.083	

Sample Name: S4 Acquired: 07/17/2019 11:32:03 Type: Cal
Method: NON EPA-6010-200.7(v126) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1659.2	2184.3	35763.	6907.3	2615.4
Stddev	14.4	4.7	108.	55.9	3.7
%RSD	.86534	.21330	.30336	.80863	.14185
#1	1657.4	2186.1	35814.	6867.3	2613.9
#2	1645.8	2179.0	35638.	6883.5	2612.7
#3	1674.3	2187.8	35836.	6971.1	2619.7

Sample Name: S5 Acquired: 07/17/2019 11:35:44 Type: Cal
Method: NON EPA-6010-200.7(v126) 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	.58743	1.0458	2.6326	.75859	1.9949	1.8329	69.661	2.8507
Stddev	.00117	.0018	.0063	.00156	.0075	.0029	.934	.0048
%RSD	.19892	.17523	.23813	.20606	.37700	.15942	1.3414	.16715

#1	.58625	1.0438	2.6270	.75679	1.9862	1.8300	68.988	2.8527
#2	.58744	1.0462	2.6315	.75937	1.9995	1.8330	70.728	2.8453
#3	.58859	1.0474	2.6394	.75961	1.9990	1.8358	69.268	2.8542

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	14.685	3.0711	.40789	4.3779	.52857	.30371	3.5234	.66016
Stddev	.026	.0086	.00059	.0122	.00387	.00087	.0037	.00142
%RSD	.17561	.28114	.14533	.27866	.73137	.28563	.10351	.21498

#1	14.661	3.0769	.40766	4.3649	.52446	.30313	3.5231	.66007
#2	14.682	3.0612	.40744	4.3796	.53214	.30470	3.5199	.65878
#3	14.712	3.0753	.40856	4.3891	.52911	.30329	3.5272	.66162

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.2076	.62000	.23290	.72000	15.282	1.0725	.52583	3.3884
Stddev	.0127	.00312	.00068	.00070	.069	.0058	.00122	.0167
%RSD	.30257	.50401	.29074	.09735	.45080	.54082	.23196	.49206

#1	4.1960	.61755	.23322	.71948	15.360	1.0659	.52627	3.4002
#2	4.2055	.61892	.23212	.71972	15.230	1.0765	.52445	3.3693
#3	4.2212	.62352	.23335	.72079	15.256	1.0752	.52677	3.3956

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	9.3786	.27775	4.1079	1.6299	5.1916	7.9561	76.009	
Stddev	.0375	.00055	.0206	.0023	.0079	.0360	.039	
%RSD	.40021	.19978	.50130	.14016	.15226	.45304	.05093	

#1	9.3371	.27714	4.1151	1.6289	5.1825	7.9964	75.982	
#2	9.3886	.27791	4.0847	1.6283	5.1956	7.9270	75.992	
#3	9.4102	.27822	4.1240	1.6325	5.1967	7.9448	76.054	

Sample Name: S5 Acquired: 07/17/2019 11:35:44 Type: Cal
Method: NON EPA-6010-200.7(v126) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1644.0	2161.0	35801.	6990.9	2535.1
Stddev	5.5	3.8	61.	23.5	3.8
%RSD	.33424	.17557	.16919	.33672	.14972
#1	1638.6	2164.9	35870.	6963.7	2535.1
#2	1643.8	2160.9	35755.	7002.9	2538.8
#3	1649.6	2157.3	35778.	7006.0	2531.3

Sample Name: ICV01 Acquired: 07/17/2019 11:39:44 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.005027	1.021854	.9947377	1.004536	.9930203	2.391977
Stddev	.006628	.006101	.0038326	.002340	.0017526	.023927
%RSD	.6594719	.5970345	.3852882	.2329554	.1764945	1.000286
#1	1.012643	1.015393	.9959140	1.004188	.9938106	2.364637
#2	1.001872	1.022654	.9904548	1.007031	.9942387	2.402197
#3	1.000566	1.027516	.9978442	1.002390	.9910117	2.409095
Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5143781	.4971253	.4987042	10.28823	.5090891	.5026452
Stddev	.0056633	.0009706	.0013170	.11473	.0011581	.0012717
%RSD	1.100998	.1952469	.2640936	1.115191	.2274945	.2530027
#1	.5084662	.4967307	.4985582	10.16088	.5092075	.5025587
#2	.5197548	.4982310	.4974663	10.38354	.5101835	.5014189
#3	.5149132	.4964141	.5000882	10.32027	.5078763	.5039579
Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5165334	5.350054	.5137965	6.050213	.5079059	.4998636
Stddev	.0054150	.056006	.0048892	.104459	.0012192	.0013167
%RSD	1.048334	1.046838	.9515896	1.726534	.2400450	.2634034
#1	.5114461	5.286430	.5085405	5.956378	.5078046	.4997653
#2	.5159286	5.391900	.5182092	6.162765	.5067405	.5012267
#3	.5222254	5.371833	.5146399	6.031495	.5091726	.4985989
Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.12990	.4835478	1.050523	10.06802	F -.004913	2.526440
Stddev	.15688	.0039900	.002830	.10301	.000634	.014708
%RSD	1.548684	.8251575	.2694218	1.023181	12.90759	.5821757
#1	9.98979	.4794321	1.047911	9.99577	-.004402	2.524409
#2	10.29940	.4873990	1.053530	10.02231	-.004715	2.542058
#3	10.10051	.4838124	1.050129	10.18598	-.005622	2.512852

Sample Name: ICV01 Acquired: 07/17/2019 11:39:44 Type: Unk
 Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.561197	F -.017367	2.491445	2.508956	2.573800	W .0025188
Stddev	.004389	.002242	.015046	.003743	.024863	.0009826
%RSD	.1713590	12.91006	.6039226	.1491933	.9660046	39.00962

#1	2.559524	-.015553	2.486060	2.507750	2.545247	.0016982
#2	2.566177	-.016675	2.508442	2.505965	2.590672	.0022507
#3	2.557891	-.019873	2.479831	2.513154	2.585481	.0036077

Elem	Sr4077
Units	ppm
Avg	F .0133520
Stddev	.0001625
%RSD	1.217211

#1	.0135089
#2	.0133625
#3	.0131844

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1649.732	2208.230	35817.31	7005.905	2674.099
Stddev	6.112	4.411	241.69	55.584	10.596
%RSD	.3704639	.1997377	.6747807	.7933929	.3962350

#1	1647.199	2205.352	35760.62	6998.641	2672.165
#2	1645.295	2213.308	35609.01	6954.310	2685.528
#3	1656.703	2206.030	36082.31	7064.764	2664.603

Sample Name: LLICV01 Acquired: 07/17/2019 11:43:22 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0236876	.0403594	.0125641	.0205621	.0518488	.1105286	.1120637
Stddev	.0010904	.0006436	.0008561	.0019491	.0015935	.0147866	.0016143
%RSD	4.603105	1.594666	6.813964	9.479157	3.073321	13.37803	1.440472

#1	.0247843	.0402712	.0135400	.0183772	.0502499	.1064202	.1108269
#2	.0226037	.0397645	.0122124	.0211870	.0534368	.0982307	.1138898
#3	.0236750	.0410426	.0119398	.0221221	.0518596	.1269349	.1114744

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066680	.0065256	2.219624	.0104115	.0316163	.0239538	.1159737
Stddev	.0001619	.0001295	.048793	.0001660	.0001849	.0020317	.0097317
%RSD	2.427906	1.984956	2.198260	1.594141	.5847222	8.481643	8.391267

#1	.0065313	.0065807	2.179095	.0105974	.0316726	.0216459	.1122920
#2	.0068468	.0066184	2.273783	.0103590	.0314098	.0247430	.1270091
#3	.0066259	.0063776	2.205994	.0102782	.0317664	.0254724	.1086201

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231689	2.118766	.0431443	.0112505	1.609142	.0416700	.0450404
Stddev	.0008024	.037596	.0002253	.0003672	.277280	.0036988	.0005371
%RSD	3.463438	1.774418	.5222393	3.264084	17.23156	8.876364	1.192468

#1	.0222495	2.146215	.0431994	.0116016	1.912382	.0458973	.0451385
#2	.0237285	2.075915	.0428965	.0112808	1.546507	.0390283	.0444610
#3	.0235286	2.134168	.0433369	.0108690	1.368537	.0400845	.0455216

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.022331	.0214693	.1186254	.2123095	.0112995	.4207718	.0407740
Stddev	.064165	.0022860	.0008825	.0010062	.0018940	.0088019	.0015445
%RSD	3.172845	10.64792	.7439039	.4739151	16.76211	2.091836	3.787986

#1	1.948618	.0188310	.1184606	.2125091	.0097447	.4153412	.0425389
#2	2.065668	.0228622	.1195786	.2112185	.0107450	.4309271	.0401137
#3	2.052706	.0227147	.1178369	.2132009	.0134090	.4160470	.0396694

Sample Name: LLICV01 Acquired: 07/17/2019 11:43:22 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0426682	.0192247	.0226814
Stddev	.0001269	.0004742	.0000677
%RSD	.2974954	2.466429	.2982447

#1	.0425950	.0193005	.0226042
#2	.0425949	.0187172	.0227097
#3	.0428148	.0196564	.0227304

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1682.495	2237.322	36257.97	6972.223	2699.935
Stddev	13.302	3.447	206.59	85.238	7.354
%RSD	.7906090	.1540751	.5697802	1.222539	.2723822

#1	1672.594	2241.295	36130.45	7052.670	2708.123
#2	1697.615	2235.122	36496.33	6882.890	2697.791
#3	1677.275	2235.549	36147.14	6981.110	2693.891

Sample Name: ICB01 Acquired: 07/17/2019 11:47:14 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000034	-.001655	-.000776	-.000291	-.001323	-.007564
Stddev	.003193	.000835	.002026	.003278	.000918	.005687
%RSD	9498.494	50.43283	260.9224	1125.037	69.36392	75.18422

#1	.000563	-.000750	.001018	-.001433	-.000265	-.012872
#2	-.003482	-.002394	-.000374	-.002846	-.001801	-.008256
#3	.002819	-.001822	-.002973	.003405	-.001904	-.001563

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000401	-.000015	-.000059	.0079144	-.000237	.0000695
Stddev	.0004452	.000040	.000050	.0076864	.000574	.0004736
%RSD	1111.296	261.5849	86.08621	97.11915	242.1801	680.9170

#1	-.000016	-.000027	-.000068	.0027377	.000249	-.000184
#2	.000511	-.000048	-.000103	.0167463	-.000090	-.000224
#3	-.000374	.000029	-.000004	.0042591	-.000871	.000616

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006828	.0042922	-.000027	-.017300	-.000292	.0004308
Stddev	.0011768	.0040004	.000185	.013602	.000074	.0003978
%RSD	172.3313	93.20322	677.5191	78.62483	25.41740	92.35104

#1	-.000439	.0084510	-.000207	-.004732	-.000299	.0002272
#2	.000580	.0004716	-.000038	-.015425	-.000362	.0001759
#3	.001908	.0039540	.000163	-.031741	-.000214	.0008892

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.950572	-.000602	-.000343	-.121689	-.001210	.0024533
Stddev	.552388	.001872	.000517	.078589	.000752	.0006783
%RSD	58.11115	311.0460	150.6772	64.58184	62.16796	27.64728

#1	-.758312	-.000645	-.000526	-.204396	-.001434	.0031650
#2	-.520004	.001291	.000240	-.047994	-.000371	.0023805
#3	-1.57340	-.002452	-.000744	-.112678	-.001825	.0018143

Sample Name: ICB01 Acquired: 07/17/2019 11:47:14 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001931	F -.013996	-.020440	-.000826	-.000105	-.002539
Stddev	.0000651	.001332	.000740	.000292	.000843	.001899
%RSD	33.69098	9.519104	3.618779	35.37452	802.5988	74.79921

#1	.0002532	-.013074	-.021139	-.000741	-.000779	-.004730
#2	.0001240	-.013390	-.020514	-.001151	.000840	-.001346
#3	.0002022	-.015523	-.019666	-.000586	-.000376	-.001542

Elem	Sr4077
Units	ppm
Avg	.0000019
Stddev	.0000787
%RSD	4093.379

#1	.0000637
#2	-.000087
#3	.000029

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1675.918	2228.441	35801.16	6886.870	2684.170
Stddev	4.863	1.045	131.74	24.536	1.270
%RSD	.2901405	.0468933	.3679832	.3562761	.0473035

#1	1680.998	2227.386	35940.21	6909.340	2682.713
#2	1671.307	2229.476	35678.21	6890.580	2685.040
#3	1675.449	2228.459	35785.04	6860.690	2684.756

Sample Name: CRI01 Acquired: 07/17/2019 11:52:34 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192084	.0395657	.0127428	.0201016	.0537646	.1111682	.1125541
Stddev	.0046884	.0021357	.0018615	.0017345	.0004475	.0091392	.0006069
%RSD	24.40821	5.397918	14.60793	8.628573	.8322517	8.221079	.5392006

#1	.0137948	.0419367	.0148919	.0206930	.0541919	.1190079	.1118535
#2	.0218821	.0377929	.0116377	.0214630	.0532994	.1011303	.1128902
#3	.0219484	.0389674	.0116988	.0181488	.0538026	.1133665	.1129187

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066688	.0064743	2.219499	.0104695	.0310703	.0203465	.1196406
Stddev	.0001077	.0000254	.023699	.0003409	.0001272	.0032433	.0048573
%RSD	1.614840	.3926222	1.067774	3.255880	.4092517	15.94014	4.059907

#1	.0065650	.0064775	2.194573	.0106558	.0310999	.0221002	.1185521
#2	.0067799	.0064980	2.222181	.0106765	.0309309	.0166039	.1154199
#3	.0066614	.0064474	2.241743	.0100760	.0311800	.0223353	.1249498

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0232957	2.116500	.0429744	.0112340	1.919217	.0419074	.0456901
Stddev	.0003164	.029330	.0001871	.0003764	.157143	.0005706	.0006887
%RSD	1.358318	1.385758	.4354204	3.350543	8.187868	1.361550	1.507291

#1	.0233745	2.109225	.0428847	.0116043	1.737832	.0418491	.0464766
#2	.0235652	2.148782	.0431895	.0112461	2.005601	.0413683	.0453982
#3	.0229473	2.091492	.0428491	.0108517	2.014218	.0425050	.0451954

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.116848	.0208725	.1065254	.2124051	.0130286	.4130505	.0398268
Stddev	.071029	.0015975	.0013529	.0001803	.0052484	.0051130	.0005948
%RSD	3.355429	7.653410	1.270007	.0848997	40.28372	1.237858	1.493570

#1	2.088610	.0219382	.1060002	.2122594	.0135811	.4071998	.0391402
#2	2.064280	.0216435	.1080622	.2126068	.0179790	.4166611	.0401527
#3	2.197653	.0190358	.1055140	.2123490	.0075258	.4152904	.0401874

Sample Name: CRI01 Acquired: 07/17/2019 11:52:34 Type: Unk
 Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0433967	.0188997	.0228841
Stddev	.0003624	.0004663	.0000918
%RSD	.8349687	2.467400	.4011431

#1	.0431901	.0185789	.0227940
#2	.0431848	.0194346	.0228808
#3	.0438151	.0186854	.0229775

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1662.650	2223.606	35712.33	6941.557	2680.823
Stddev	10.878	3.238	189.68	33.119	2.210
%RSD	.6542469	.1456405	.5311217	.4771148	.0824368

#1	1660.144	2225.020	35550.33	6978.020	2683.374
#2	1674.562	2219.901	35920.98	6913.340	2679.559
#3	1653.244	2225.896	35665.68	6933.310	2679.534

Sample Name: ICSA01 Acquired: 07/17/2019 11:56:25 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000825	-.009541	.0005663	.0018394	.0052848	211.9932
Stddev	.0042780	.003210	.0040366	.0045178	.0031625	1.3288
%RSD	5182.718	33.64305	712.7943	245.6102	59.84204	.6268337

#1	.0015853	-.012535	-.000104	-.003155	.0026948	210.4666
#2	-.004744	-.006152	-.003093	.005641	.0088092	212.8904
#3	.003406	-.009937	.004896	.003032	.0043504	212.6226

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065070	.0009019	.0001694	278.7339	.0524606	.0004672
Stddev	.0006411	.0001034	.0001409	2.6726	.0004596	.0007119
%RSD	9.852510	11.46223	83.14888	.9588452	.8760907	152.3869

#1	.0059933	.0010041	.0000509	275.9409	.0528465	.0002708
#2	.0063021	.0007974	.0001322	281.2672	.0519522	-.000126
#3	.0072254	.0009041	.0003252	278.9935	.0525831	.001257

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213698	112.9578	.0151487	285.2928	-.000349	-.003953
Stddev	.0008712	.7977	.0002316	2.4748	.000525	.000496
%RSD	4.077025	.7062126	1.529086	.8674648	150.3055	12.55470

#1	.0204512	112.0763	.0151337	282.4867	.000141	-.004282
#2	.0221844	113.6301	.0153875	287.1637	-.000903	-.004194
#3	.0214737	113.1669	.0149249	286.2281	-.000285	-.003382

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.488704	.0018544	.0016482	-.003118	-.003078	-.082280
Stddev	.399481	.0037837	.0001309	.046584	.006454	.002122
%RSD	81.74289	204.0327	7.939757	1494.096	209.6725	2.579356

#1	-.147206	-.002395	.0017036	-.004280	.002930	-.082173
#2	-.928003	.004857	.0017422	-.049110	-.002263	-.080213
#3	-.390903	.003102	.0014987	.044036	-.009901	-.084454

Sample Name: ICSA01 Acquired: 07/17/2019 11:56:25 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012897	-.001268	-.019711	-.003078	-.001778	W .0044700
Stddev	.0002923	.008181	.000177	.001956	.000912	.0017103
%RSD	22.66405	645.0510	.8966619	63.54023	51.30256	38.26244

#1	.0010096	.006828	-.019915	-.002141	-.000953	.0057692
#2	.0012665	-.001101	-.019603	-.001767	-.002758	.0051085
#3	.0015928	-.009531	-.019615	-.005326	-.001625	.0025323

Elem	Sr4077
Units	ppm
Avg	F .1137919
Stddev	.0004816
%RSD	.4232450

#1	.1132390
#2	.1141201
#3	.1140166

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1544.691	2070.711	33706.75	6741.758	2376.549
Stddev	7.037	6.992	276.70	51.552	1.540
%RSD	.4555632	.3376564	.8209127	.7646660	.0648118

#1	1552.815	2065.098	33990.39	6776.020	2377.767
#2	1540.749	2078.543	33437.54	6682.470	2374.817
#3	1540.509	2068.491	33692.31	6766.783	2377.062

Sample Name: ICSAB01 Acquired: 07/17/2019 12:00:16 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1042251	.1145718	.0559552	.0533075	.6388683	208.5221
Stddev	.0044533	.0013226	.0032502	.0029152	.0019277	.8833
%RSD	4.272802	1.154355	5.808497	5.468664	.3017418	.4236153

#1	.1053165	.1160138	.0567935	.0499554	.6373527	207.5066
#2	.0993275	.1142863	.0523680	.0547172	.6382144	209.1124
#3	.1080312	.1134153	.0587041	.0552499	.6410380	208.9474

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5677681	.5363500	1.053403	273.8437	.5895939	.5392081
Stddev	.0072957	.0018929	.001295	4.0782	.0002358	.0006619
%RSD	1.284980	.3529167	.1229675	1.489235	.0399846	.1227596

#1	.5609440	.5361316	1.052374	269.5996	.5893231	.5397074
#2	.5754581	.5383426	1.052977	277.7327	.5897059	.5384572
#3	.5669021	.5345758	1.054858	274.1989	.5897529	.5394596

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5647075	110.7394	.5685387	280.4844	1.067795	.2271810
Stddev	.0042190	.9202	.0091416	2.0623	.001575	.0010346
%RSD	.7471178	.8309468	1.607908	.7352652	.1474979	.4554005

#1	.5621053	109.7541	.5588973	278.2425	1.067704	.2265706
#2	.5695754	111.5764	.5770811	282.3006	1.066268	.2283756
#3	.5624420	110.8876	.5696379	280.9102	1.069414	.2265969

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.698328	.5411188	1.106152	-.144850	F -.010982	.9977103
Stddev	.413745	.0029057	.010188	.079646	.001007	.0018770
%RSD	59.24795	.5369806	.9210439	54.98481	9.166784	.1881276

#1	-1.12485	.5380824	1.117916	-.103107	-.012144	.9957836
#2	-.29867	.5438733	1.100341	-.236690	-.010407	.9995332
#3	-.67145	.5414008	1.100199	-.094753	-.010394	.9978141

Sample Name: ICSAB01 Acquired: 07/17/2019 12:00:16 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.053112	F -.011379	1.015704	1.083015	1.092431	F .0005956
Stddev	.001239	.008240	.007332	.001040	.010159	.0007570
%RSD	.1176935	72.41253	.7218501	.0959846	.9299140	127.1055

#1	1.052140	-.018637	1.017866	1.084144	1.081065	.0012219
#2	1.054508	-.002422	1.021711	1.082097	1.100626	-.000246
#3	1.052688	-.013080	1.007534	1.082806	1.095602	.000810

Elem	Sr4077
Units	ppm
Avg	F .1112471
Stddev	.0005495
%RSD	.4939841

#1	.1106586
#2	.1113358
#3	.1117470

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1561.838	2073.610	33801.20	6788.735	2379.630
Stddev	3.682	2.745	109.45	37.557	3.969
%RSD	.2357408	.1323923	.3238173	.5532235	.1668092

#1	1559.219	2074.256	33899.92	6807.338	2378.905
#2	1560.247	2075.974	33683.50	6745.507	2383.912
#3	1566.048	2070.599	33820.19	6813.359	2376.073

Sample Name: CCV01 Acquired: 07/17/2019 12:03:55 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.149780	5.117747	5.135217	5.177649	5.146685	10.33081	10.67095
Stddev	.002947	.011815	.012837	.012227	.008588	.01235	.03616
%RSD	.0572220	.2308645	.2499769	.2361562	.1668734	.1195651	.3388311

#1	5.146378	5.114990	5.121962	5.172912	5.152109	10.33006	10.67800
#2	5.151422	5.130697	5.136098	5.191536	5.136783	10.34353	10.63178
#3	5.151540	5.107555	5.147591	5.168499	5.151163	10.31886	10.70306

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2572559	2.546601	26.56328	1.024634	2.544696	1.302411	5.270982
Stddev	.0019940	.000146	.10323	.002363	.002688	.004787	.011469
%RSD	.7751107	.0057449	.3886193	.2306582	.1056504	.3675111	.2175901

#1	.2595487	2.546455	26.63367	1.024194	2.542561	1.296887	5.276015
#2	.2562919	2.546600	26.44478	1.027186	2.543813	1.305015	5.257857
#3	.2559270	2.546748	26.61140	1.022521	2.547715	1.305331	5.279074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.657737	25.82034	2.546567	1.294911	25.83643	2.586548	2.616952
Stddev	.007103	.03545	.002948	.008051	.41921	.016513	.010074
%RSD	.2672418	.1372906	.1157709	.6217489	1.622557	.6384111	.3849408

#1	2.664808	25.79508	2.545454	1.303735	25.35643	2.575733	2.605721
#2	2.650603	25.80508	2.544336	1.287965	26.02220	2.578357	2.625190
#3	2.657800	25.86087	2.549909	1.293034	26.13065	2.605555	2.619945

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.73018	5.140825	5.194416	5.036902	5.082758	5.214252	5.025136
Stddev	.05942	.018699	.060578	.005886	.007213	.047921	.002566
%RSD	.2309501	.3637283	1.166220	.1168549	.1419180	.9190315	.0510605

#1	25.67405	5.128464	5.262336	5.042934	5.077729	5.267359	5.024591
#2	25.79242	5.162337	5.145969	5.031174	5.091023	5.174242	5.027931
#3	25.72406	5.131675	5.174944	5.036599	5.079523	5.201155	5.022887

Sample Name: CCV01 Acquired: 07/17/2019 12:03:55 Type: Unk
 Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.256474	5.242417	5.249824
Stddev	.003168	.017570	.056998
%RSD	.0602621	.3351437	1.085705

#1	5.253663	5.246007	5.315633
#2	5.255852	5.223330	5.216181
#3	5.259906	5.257915	5.217657

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1647.103	2201.897	35773.76	6905.887	2617.446
Stddev	5.589	6.457	188.73	70.988	5.671
%RSD	.3393130	.2932554	.5275662	1.027928	.2166468

#1	1651.609	2195.017	35561.23	6823.953	2611.570
#2	1640.849	2202.847	35838.28	6944.776	2617.883
#3	1648.851	2207.826	35921.77	6948.933	2622.886

Sample Name: LLCCV01 Acquired: 07/17/2019 12:07:36 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218760	.0401006	.0121319	.0214727	.0521292	.1074334	.1131391
Stddev	.0019644	.0006001	.0005940	.0014972	.0015341	.0104016	.0007380
%RSD	8.979723	1.496445	4.896476	6.972717	2.942857	9.681915	.6523068

#1	.0196380	.0404499	.0115500	.0214232	.0537125	.1007466	.1126495
#2	.0226749	.0404443	.0127374	.0229941	.0506495	.1021362	.1127799
#3	.0233150	.0394077	.0121085	.0200009	.0520257	.1194173	.1139880

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065333	.0064311	2.224870	.0099978	.0308366	.0238045	.1134210
Stddev	.0000672	.0000477	.034142	.0002501	.0002266	.0017917	.0073647
%RSD	1.027783	.7418928	1.534544	2.501732	.7349201	7.526701	6.493257

#1	.0064626	.0064797	2.186708	.0102046	.0305750	.0228624	.1056167
#2	.0065409	.0064292	2.235385	.0100691	.0309692	.0226803	.1202487
#3	.0065963	.0063843	2.252518	.0097198	.0309658	.0258706	.1143974

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0236417	2.127210	.0426087	.0111184	2.114865	.0382031	.0448314
Stddev	.0005400	.040475	.0001759	.0009091	.089319	.0014043	.0001898
%RSD	2.284084	1.902726	.4129393	8.176763	4.223387	3.675790	.4233780

#1	.0239542	2.088786	.0425093	.0114073	2.138746	.0383396	.0446123
#2	.0230182	2.169464	.0428119	.0118479	2.016033	.0395342	.0449366
#3	.0239527	2.123379	.0425050	.0100999	2.189816	.0367356	.0449453

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.041560	.0230212	.1129847	.2082635	.0062167	.3923795	.0397006
Stddev	.038224	.0011428	.0005110	.0009367	.0011025	.0073642	.0011581
%RSD	1.872311	4.964136	.4523028	.4497802	17.73484	1.876809	2.917177

#1	1.997424	.0237676	.1134718	.2087810	.0049981	.3876130	.0388256
#2	2.063953	.0217056	.1130296	.2088273	.0065067	.3886641	.0410139
#3	2.063304	.0235904	.1124527	.2071822	.0071452	.4008613	.0392623

Sample Name: LLCCV01 Acquired: 07/17/2019 12:07:36 Type: Unk
 Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0424776	.0194365	.0227836
Stddev	.0006965	.0016397	.0000410
%RSD	1.639734	8.436283	.1799003

#1	.0421329	.0180890	.0228309
#2	.0420205	.0189584	.0227604
#3	.0432792	.0212622	.0227595

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1669.501	2233.907	35966.01	6931.040	2689.298
Stddev	1.690	1.177	229.65	56.000	7.385
%RSD	.1012228	.0527031	.6385203	.8079614	.2746093

#1	1667.557	2233.032	35774.15	6970.930	2697.061
#2	1670.618	2235.245	35903.40	6955.170	2688.473
#3	1670.329	2233.442	36220.47	6867.020	2682.360

Sample Name: CCB01 Acquired: 07/17/2019 12:11:29 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006728	-.000006	-.001307	-.001524	-.001256	.0005101
Stddev	.0026888	.001943	.001527	.000347	.000508	.0006552
%RSD	399.6196	30165.42	116.8294	22.74683	40.47004	128.4517

#1	.0010701	.002033	-.001353	-.001165	-.001600	.0003358
#2	-.002192	-.001836	-.002811	-.001550	-.001497	-.000040
#3	.003141	-.000216	.000242	-.001857	-.000672	.001235

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000466	-.000052	-.000005	-.010060	.0000561	-.000293
Stddev	.000653	.000006	.000053	.006271	.0002023	.000249
%RSD	140.0350	11.86797	1029.516	62.33036	360.7357	85.13363

#1	.000261	-.000045	.000056	-.005568	.0002896	-.000008
#2	-.000657	-.000053	-.000040	-.007389	-.000057	-.000471
#3	-.001003	-.000057	-.000032	-.017225	-.000064	-.000400

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016707	.0041479	-.000077	-.016336	-.000122	.0004284
Stddev	.0020763	.0080693	.000406	.018156	.000239	.0003778
%RSD	124.2733	194.5424	528.4246	111.1435	195.3336	88.18919

#1	.0029207	.0133871	-.000523	-.034673	.000051	.0000793
#2	-.000726	.0005728	.000021	-.015970	-.000395	.0008296
#3	.002818	-.001516	.000271	.001635	-.000023	.0003765

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.954593	-.001044	-.000302	-.105476	-.003068	-.000679
Stddev	.163260	.000359	.000299	.032284	.003723	.000774
%RSD	17.10262	34.36331	99.15108	30.60763	121.3432	113.9736

#1	-.916603	-.000738	-.000163	-.069121	.001087	-.001220
#2	-1.13350	-.000955	-.000097	-.116515	-.004192	.000207
#3	-.81368	-.001439	-.000645	-.130793	-.006100	-.001024

Sample Name: CCB01 Acquired: 07/17/2019 12:11:29 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CB01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.000104	F -0.014033	-0.022803	-0.001970	.00000088	-0.001617
Stddev	.000427	.004552	.000223	.000678	.0005413	.002573
%RSD	410.7190	32.44177	.9786267	34.40704	6135.370	159.1081

#1	.000209	-0.013904	-0.023010	-0.002553	-0.000156	-0.001316
#2	.000069	-0.009546	-0.022833	-0.002131	-0.000431	.000792
#3	-0.000590	-0.018648	-0.022566	-0.001226	.000613	-0.004327

Elem	Sr4077
Units	ppm
Avg	-0.000044
Stddev	.000038
%RSD	86.01393

#1	-0.000004
#2	-0.000049
#3	-0.000078

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1665.080	2223.792	35789.94	6905.813	2667.101
Stddev	12.285	2.781	301.60	43.911	6.296
%RSD	.7378230	.1250369	.8426875	.6358525	.2360593

#1	1670.727	2221.437	36057.56	6863.720	2673.730
#2	1650.986	2223.080	35463.14	6902.380	2666.373
#3	1673.526	2226.860	35849.12	6951.340	2661.201

Sample Name: LR CHECK 1 Acquired: 07/17/2019 12:15:44 Type: Unk
Method: NON EPA-6010-200.7(v126) 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	-.024022	-.087735	.0200923	.0047576	.0491198	2184.527	.0058036
Stddev	.006795	.006501	.0047493	.0071122	.0006056	30.572	.0000749
%RSD	28.28677	7.409635	23.63731	149.4928	1.232831	1.399467	1.291164

#1	-.031867	-.083329	.0242204	.0039282	.0493616	2149.344	.0058899
#2	-.019990	-.084675	.0149018	-.001904	.0495671	2204.618	.0057671
#3	-.020208	-.095201	.0211549	.012248	.0484307	2199.620	.0057540

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065534	-.002631	1873.830	.0067056	.0722924	.1466175	928.9631
Stddev	.0000465	.000472	14.528	.0001544	.0010203	.0016977	1.2879
%RSD	.7092773	17.95077	.7753283	2.302234	1.411339	1.157897	.1386353

#1	.0065622	-.002109	1887.300	.0068520	.0726450	.1485517	930.1817
#2	.0065950	-.002754	1858.435	.0067205	.0711425	.1459266	929.0920
#3	.0065032	-.003029	1875.753	.0065443	.0730895	.1453742	927.6156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008705	1877.385	.0843870	-.048726	1823.314	.0121038	.0897645
Stddev	.001034	5.904	.0006339	.001034	13.977	.0016883	.0010805
%RSD	11.87901	.3144873	.7511964	2.122552	.7665628	13.94881	1.203698

#1	-.009076	1872.709	.0836727	-.047846	1811.086	.0138244	.0906288
#2	-.007537	1875.427	.0846057	-.048466	1820.305	.0104497	.0885531
#3	-.009502	1884.020	.0848826	-.049865	1838.550	.0120373	.0901115

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1078.572	-.030204	-.809010	.0072730	.1496817	-.022798	.0034719
Stddev	4.764	.006350	.019778	.0010556	.0142415	.001347	.0026946
%RSD	.4416725	21.02346	2.444737	14.51432	9.514547	5.909076	77.60987

#1	1083.153	-.037422	-.831669	.0084287	.1646484	-.024352	.0013251
#2	1078.918	-.025477	-.800145	.0063596	.1362975	-.021963	.0064957
#3	1073.645	-.027714	-.795215	.0070306	.1480992	-.022079	.0025949

Sample Name: LR CHECK 1 Acquired: 07/17/2019 12:15:44 Type: Unk
 Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.041630	.0213746	.0153568
Stddev	.001067	.0025181	.0000738
%RSD	2.562886	11.78082	.4807215

#1	-.041738	.0237492	.0154132
#2	-.042639	.0187341	.0153840
#3	-.040513	.0216406	.0152733

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1364.068	1820.383	29798.80	6324.089	1779.491
Stddev	9.203	5.166	136.50	5.899	3.142
%RSD	.6746914	.2837844	.4580589	.0932719	.1765920

#1	1356.955	1826.123	29920.54	6317.586	1782.376
#2	1374.462	1816.108	29824.63	6329.096	1776.143
#3	1360.787	1818.918	29651.23	6325.584	1779.954

Sample Name: LR CHECK 2 Acquired: 07/17/2019 12:19:48 Type: Unk
Method: NON EPA-6010-200.7(v126) 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	.0008070	.0092046	255.7707	.0019848	-.020699	.8769306	104.0080
Stddev	.0025270	.0016848	.6683	.0041394	.000873	.0064341	.4010
%RSD	313.1526	18.30333	.2612745	208.5489	4.219618	.7337033	.3855739

#1	.0009790	.0072882	254.9991	.0004297	-.021438	.8835837	103.9026
#2	-.001802	.0104526	256.1645	.0066766	-.020923	.8707406	103.6702
#3	.003244	.0098730	256.1485	-.001152	-.019735	.8764673	104.4512

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002816	.0005513	1.147963	-.154557	.0007312	259.9555	-.129033
Stddev	.000032	.0001293	.003314	.003968	.0005235	8.3584	.019614
%RSD	1.124092	23.45284	.2886970	2.567419	71.59731	3.215311	15.20055

#1	-.002853	.0006017	1.150760	-.152296	.0005505	254.7480	-.110858
#2	-.002799	.0006477	1.148826	-.159139	.0013211	269.5966	-.149823
#3	-.002797	.0004043	1.144303	-.152236	.0003219	255.5219	-.126417

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.07528	.5345858	51.40387	.0052297	.8927963	-.032686	35.44624
Stddev	.27450	.0159103	.21770	.0001285	.3653798	.001765	.33187
%RSD	.5957637	2.976197	.4235035	2.457628	40.92533	5.400516	.9362714

#1	45.75908	.5523177	51.16826	.0051067	.5763747	-.033768	35.35992
#2	46.25247	.5215577	51.59755	.0053631	.8093245	-.033642	35.81275
#3	46.21429	.5298819	51.44580	.0052192	1.292690	-.030649	35.16607

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.088787	-3.51412	-.007860	-.038793	-.706590	-.015175	-.005379
Stddev	.043139	.00167	.000534	.000944	.004859	.000985	.000350
%RSD	48.58748	.0476101	6.796487	2.433441	.6876042	6.492035	6.506889

#1	-.132530	-3.51241	-.007247	-.038023	-.701200	-.014843	-.005431
#2	-.087551	-3.51575	-.008230	-.039846	-.707937	-.016284	-.005006
#3	-.046279	-3.51422	-.008103	-.038510	-.710632	-.014400	-.005700

Sample Name: LR CHECK 2 Acquired: 07/17/2019 12:19:48 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001084	-.004264	.0004446
Stddev	.000338	.001896	.0000303
%RSD	31.17812	44.46230	6.816055

#1	-.000702	-.006440	.0004769
#2	-.001206	-.002971	.0004168
#3	-.001344	-.003380	.0004403

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1614.506	2149.099	37794.51	7218.851	2765.110
Stddev	19.293	13.563	258.85	44.554	13.330
%RSD	1.194991	.6310954	.6848996	.6171878	.4820951

#1	1611.057	2155.744	37749.08	7219.196	2768.859
#2	1597.171	2133.496	37561.38	7174.125	2750.306
#3	1635.292	2158.059	38073.07	7263.231	2776.164

Sample Name: PB121439BS Acquired: 07/17/2019 12:31:32 Type: Unk
Method: NON EPA-6010-200.7(v126) 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	.8062446	2.015816	1.024236	2.079269	.8056558	2.125088	.2185876
Stddev	.0043311	.003249	.001614	.001030	.0018525	.010859	.0021886
%RSD	.5371941	.1611561	.1575513	.0495404	.2299419	.5109968	1.001268

#1	.8024679	2.015524	1.026096	2.078120	.8036270	2.121584	.2162213
#2	.8109721	2.019201	1.023203	2.079574	.8060829	2.116414	.2205393
#3	.8052938	2.012723	1.023410	2.080112	.8072575	2.137267	.2190022

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2075558	.2059097	1.105025	.4212551	.2065933	.3288737	3.405284
Stddev	.0012800	.0002212	.006503	.0005281	.0001573	.0014191	.023906
%RSD	.6166936	.1074376	.5884926	.1253652	.0761326	.4315012	.7020360

#1	.2064954	.2056568	1.100084	.4216854	.2065523	.3303567	3.378448
#2	.2089776	.2060054	1.102598	.4206658	.2067671	.3275286	3.424305
#3	.2071945	.2060670	1.112392	.4214142	.2064606	.3287356	3.413099

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2219596	2.056434	.5230305	.0773540	2.706756	.3246157	.2197122
Stddev	.0020806	.005898	.0006970	.0005814	.228252	.0014251	.0014822
%RSD	.9373856	.2868204	.1332688	.7516272	8.432678	.4390031	.6746235

#1	.2197069	2.059666	.5237732	.0773965	2.739961	.3260632	.2214173
#2	.2238092	2.060011	.5229276	.0779130	2.463720	.3232141	.2187312
#3	.2223626	2.049627	.5223906	.0767525	2.916587	.3245697	.2189882

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.43145	6.186297	.2991263	.3981909	-.024351	.9267741	.7021520
Stddev	.14129	.015677	.0027365	.0021560	.003830	.0053529	.0010701
%RSD	1.354414	.2534187	.9148399	.5414472	15.72793	.5775800	.1524077

#1	10.33090	6.179534	.2963008	.3996502	-.028264	.9206741	.7019883
#2	10.37046	6.204221	.3017642	.3957145	-.020610	.9289604	.7032945
#3	10.59299	6.175137	.2993139	.3992079	-.024178	.9306878	.7011731

Sample Name: PB121439BS Acquired: 07/17/2019 12:31:32 Type: Unk
 Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2112476	.2212223	.2180440
Stddev	.0024686	.0029329	.0011128
%RSD	1.168564	1.325760	.5103384

#1	.2091129	.2188571	.2168181
#2	.2139508	.2203058	.2189901
#3	.2106791	.2245039	.2183240

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1685.434	2260.965	36542.65	7110.809	2728.022
Stddev	5.966	3.303	55.54	34.563	4.189
%RSD	.3539973	.1461059	.1519763	.4860596	.1535463

#1	1682.950	2260.259	36532.58	7139.858	2732.504
#2	1681.110	2264.565	36492.84	7072.584	2727.354
#3	1692.241	2258.072	36602.54	7119.984	2724.207

Sample Name: PB121439BL Acquired: 07/17/2019 12:35:13 Type: Unk
Method: NON EPA-6010-200.7(v126) 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	.0003406	-.002137	.0001208	.0001466	-.000862	-.001206	-.000268
Stddev	.0023029	.000840	.0009483	.0005452	.001134	.008411	.000540
%RSD	676.2297	39.28871	785.2077	371.9138	131.5533	697.5719	201.1875

#1	.0007966	-.001378	-.000928	-.000211	.000425	.000768	-.000865
#2	.0023814	-.001994	.000374	.000774	-.001716	.006043	.000188
#3	-.002156	-.003039	.000917	-.000124	-.001295	-.010428	-.000128

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	-.000006	-.001748	-.000084	-.000112	.0017341	.0078088
Stddev	.000026	.000079	.011065	.000557	.000291	.0028004	.0015973
%RSD	301.6331	1328.372	632.9209	662.2195	259.1317	161.4898	20.45492

#1	.000020	.000007	.004611	-.000653	.000067	.0006239	.0060972
#2	-.000017	-.000090	-.014524	.000461	.000044	-.000341	.0092597
#3	-.000029	.000066	.004669	-.000061	-.000449	.004919	.0080696

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000130	-.018119	-.000121	.0009866	-.873557	-.001872	-.000163
Stddev	.000212	.007019	.000211	.0002382	.296742	.002144	.000539
%RSD	162.4450	38.73991	174.7719	24.13996	33.96944	114.5191	331.5956

#1	.000022	-.016434	-.000351	.0012071	-.824494	.000539	-.000657
#2	-.000041	-.012095	-.000075	.0010186	-1.19177	-.002592	-.000243
#3	-.000372	-.025827	.000063	.0007341	-.60440	-.003563	.000412

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.084906	.0008578	-.007088	-.000160	-.008667	-.024695	-.002630
Stddev	.093317	.0019793	.000621	.000023	.006458	.000483	.000896
%RSD	109.9058	230.7348	8.755154	14.28158	74.52030	1.955599	34.06779

#1	.022763	.0030235	-.007502	-.000184	-.013806	-.024559	-.003642
#2	-.135063	.0004077	-.006374	-.000138	-.001417	-.025232	-.002311
#3	-.142419	-.000858	-.007387	-.000158	-.010777	-.024295	-.001938

Sample Name: PB121439BL Acquired: 07/17/2019 12:35:13 Type: Unk
 Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000769	-.002332	-.000062
Stddev	.000385	.000435	.000073
%RSD	50.07274	18.64356	117.8212

#1	-.001021	-.002079	.000021
#2	-.000326	-.002084	-.000117
#3	-.000961	-.002835	-.000092

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1674.997	2266.764	36359.81	7069.977	2716.740
Stddev	6.663	2.769	225.42	8.633	4.063
%RSD	.3977979	.1221523	.6199815	.1221106	.1495654

#1	1668.703	2263.955	36442.05	7074.530	2712.720
#2	1681.976	2266.848	36532.57	7060.020	2716.655
#3	1674.313	2269.491	36104.81	7075.380	2720.845

Sample Name: K3853-01 Acquired: 07/17/2019 12:39:06 Type: Unk
Method: NON EPA-6010-200.7(v126) 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	.0070649	.0047980	.0021146	-.004960	-.003926	.0669744
Stddev	.0026642	.0016418	.0020734	.003088	.002446	.0017362
%RSD	37.70974	34.21772	98.05146	62.26332	62.28961	2.592360

#1	.0093335	.0029614	-.000252	-.005478	-.002893	.0650488
#2	.0041312	.0061233	.003609	-.001645	-.002167	.0684205
#3	.0077301	.0053092	.002987	-.007756	-.006719	.0674538

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0292419	.0000769	-.000020	9.902015	.0410130	.0070947
Stddev	.0004392	.0000279	.000092	.015242	.0002270	.0000439
%RSD	1.502020	36.31877	457.6165	.1539296	.5536115	.6182627

#1	.0289323	.0000447	-.000070	9.901860	.0412622	.0071038
#2	.0297446	.0000942	-.000077	9.917335	.0409588	.0071333
#3	.0290488	.0000918	.000086	9.886852	.0408179	.0070470

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1047980	.9135445	.3919581	3.055731	.6993934	.0003484
Stddev	.0041126	.0080415	.0015527	.017291	.0013825	.0007115
%RSD	3.924311	.8802513	.3961373	.5658573	.1976741	204.2212

#1	.1006778	.9226926	.3903709	3.074354	.6977970	.0011005
#2	.1048134	.9103489	.3934738	3.052654	.7001899	-.000314
#3	.1089030	.9075920	.3920297	3.040185	.7001934	.000259

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2117.587	-.001017	.1102116	F 888.3465	4.870450	36.83838
Stddev	7.044	.000681	.0003657	.7883	.013157	.06876
%RSD	.3326500	66.98521	.3318291	.0887330	.2701387	.1866588

#1	2109.477	-.000377	.1099999	887.9564	4.855444	36.90228
#2	2121.098	-.000940	.1100010	889.2537	4.875902	36.76561
#3	2122.186	-.001733	.1106339	887.8293	4.880005	36.84726

Sample Name: K3853-01 Acquired: 07/17/2019 12:39:06 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039876	1478.021	9.346780	-.003101	.0006721	.0579496
Stddev	.0003388	2.274	.024898	.000266	.0003528	.0017519
%RSD	8.496474	.1538375	.2663786	8.591744	52.48704	3.023179

#1	.0039986	1475.744	9.375529	-.003408	.0009947	.0564527
#2	.0043208	1478.029	9.332478	-.002922	.0007262	.0598765
#3	.0036434	1480.291	9.332332	-.002974	.0002954	.0575198

Elem	Sr4077
Units	ppm
Avg	.1169609
Stddev	.0002949
%RSD	.2521207

#1	.1166716
#2	.1169500
#3	.1172611

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1639.004	2164.891	34241.19	7019.536	2304.507
Stddev	3.190	7.122	1.94	10.994	6.258
%RSD	.1946352	.3289755	.0056780	.1566192	.2715624

#1	1636.198	2172.967	34242.79	7007.017	2311.732
#2	1638.341	2159.508	34241.76	7023.972	2300.827
#3	1642.473	2162.198	34239.03	7027.619	2300.960

Sample Name: K3853-01DUP Acquired: 07/17/2019 12:42:52 Type: Unk
Method: NON EPA-6010-200.7(v126) 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	.0057229	.0041618	.0037155	-.006548	-.003970	.0643873
Stddev	.0019026	.0009381	.0019131	.000311	.001829	.0067330
%RSD	33.24575	22.54118	51.48843	4.751302	46.06560	10.45708

#1	.0050800	.0031691	.0022185	-.006273	-.003702	.0570385
#2	.0042249	.0042825	.0030573	-.006486	-.005918	.0702594
#3	.0078636	.0050337	.0058708	-.006886	-.002290	.0658641

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0288457	.0000442	-.000029	9.900118	.0410303	.0069151
Stddev	.0006723	.0000334	.000012	.144156	.0003420	.0003712
%RSD	2.330535	75.44408	41.22223	1.456109	.8334595	5.368606

#1	.0281992	.0000281	-.000042	9.757684	.0409096	.0065799
#2	.0287967	.0000220	-.000025	9.896733	.0414163	.0068512
#3	.0295411	.0000826	-.000020	10.04594	.0407650	.0073141

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1076261	.9142092	.3914133	3.062665	.7008190	.0002977
Stddev	.0031095	.0174254	.0048378	.057114	.0017845	.0003648
%RSD	2.889121	1.906067	1.235969	1.864832	.2546357	122.5357

#1	.1044175	.8940902	.3870668	3.027436	.7011812	.0004907
#2	.1078350	.9240164	.3905477	3.031998	.6988811	-.000123
#3	.1106258	.9245211	.3966254	3.128562	.7023947	.000525

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2123.118	.0006462	.1106233	F 890.0769	4.896926	37.08977
Stddev	20.504	.0023169	.0005092	5.3184	.018295	.04179
%RSD	.9657575	358.5702	.4603409	.5975193	.3735939	.1126637

#1	2100.758	-.000389	.1109738	883.9379	4.903680	37.10377
#2	2127.559	.003300	.1100392	893.0057	4.876214	37.12275
#3	2141.039	-.000972	.1108569	893.2870	4.910882	37.04278

Sample Name: K3853-01DUP Acquired: 07/17/2019 12:42:52 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035971	1487.368	9.418855	-.002240	-.000084	.0612372
Stddev	.0001831	6.097	.023703	.001308	.000338	.0007059
%RSD	5.090168	.4099517	.2516568	58.40160	401.7323	1.152700

#1	.0035909	1491.379	9.430774	-.000976	.000102	.0615568
#2	.0034172	1480.351	9.391558	-.003588	-.000474	.0604281
#3	.0037832	1490.373	9.434233	-.002156	.000120	.0617268

Elem	Sr4077
Units	ppm
Avg	.1173073
Stddev	.0011846
%RSD	1.009833

#1	.1160074
#2	.1175884
#3	.1183261

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1624.195	2150.013	34156.41	6938.119	2285.131
Stddev	6.070	7.407	183.47	9.557	8.156
%RSD	.3737331	.3445229	.5371517	.1377506	.3569311

#1	1620.239	2141.591	34115.72	6945.096	2276.810
#2	1631.184	2155.515	33996.70	6942.036	2293.112
#3	1621.162	2152.933	34356.81	6927.226	2285.471

Sample Name: K3853-01LX5 Acquired: 07/17/2019 12:46:39 Type: Unk
Method: NON EPA-6010-200.7(v126) 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	.0012270	.0021478	.0025171	-.003465	-.002109	.0092476	.0064230
Stddev	.0008216	.0013043	.0028488	.001496	.000104	.0149557	.0002647
%RSD	66.96319	60.72543	113.1772	43.16261	4.931837	161.7254	4.120338

#1	.0016469	.0008872	.0031955	-.003857	-.002041	.0228171	.0061230
#2	.0017538	.0020645	-.000610	-.001812	-.002229	.0117136	.0066234
#3	.0002803	.0034918	.004966	-.004725	-.002057	-.006788	.0065227

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000422	.0000352	2.052545	.0082920	.0013838	.0234844	.1926100
Stddev	.0000640	.0000752	.020619	.0006061	.0001712	.0013093	.0034472
%RSD	151.6779	213.9153	1.004558	7.309763	12.37337	5.575410	1.789712

#1	.0000168	-.000037	2.030603	.0089830	.0015138	.0248793	.1919750
#2	.0001149	.000113	2.055515	.0078501	.0014479	.0222819	.1963305
#3	-.000005	.000029	2.071519	.0080428	.0011898	.0232919	.1895245

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0816050	.5897549	.1408610	.0007742	434.5285	-.000673	.0232055
Stddev	.0007357	.0127752	.0003929	.0002913	2.1953	.001567	.0004766
%RSD	.9015038	2.166191	.2789366	37.63093	.5052134	232.7524	2.053812

#1	.0817824	.5787433	.1406727	.0004585	432.4487	-.001402	.0236726
#2	.0807968	.5867598	.1405978	.0010326	434.3135	-.001744	.0227199
#3	.0822357	.6037615	.1413127	.0008315	436.8234	.001126	.0232241

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	179.0870	.9169681	7.761418	.0003285	312.9374	1.941559	-.003253
Stddev	.7192	.0055002	.069582	.0001381	.3773	.014247	.001073
%RSD	.4016042	.5998222	.8965091	42.04195	.1205699	.7337838	32.97036

#1	178.2577	.9107680	7.783060	.0004371	312.5384	1.943527	-.002168
#2	179.4624	.9188760	7.683587	.0003752	312.9854	1.926430	-.003278
#3	179.5408	.9212603	7.817608	.0001731	313.2884	1.954719	-.004313

Sample Name: K3853-01LX5 Acquired: 07/17/2019 12:46:39 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002852	.0347820	.0243664
Stddev	.0005543	.0019373	.0001045
%RSD	194.3805	5.569725	.4286491

#1	.0006612	.0366542	.0242479
#2	-.000351	.0327857	.0244065
#3	.000546	.0349062	.0244450

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1641.317	2191.874	35370.29	6934.306	2529.973
Stddev	18.173	4.159	122.40	47.719	1.390
%RSD	1.107192	.1897281	.3460638	.6881525	.0549314

#1	1628.230	2194.053	35253.86	6881.203	2529.538
#2	1633.656	2194.491	35359.11	6973.589	2531.528
#3	1662.066	2187.079	35497.90	6948.126	2528.852

Sample Name: K3853-01MS Acquired: 07/17/2019 12:50:29 Type: Unk
Method: NON EPA-6010-200.7(v126) 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	.8533041	2.069968	1.126435	2.033709	.8069678	2.283828
Stddev	.0067165	.002143	.005134	.005788	.0069497	.030862
%RSD	.7871176	.1035289	.4557742	.2846212	.8612146	1.351319

#1	.8546240	2.068407	1.129101	2.030884	.8026923	2.254959
#2	.8460257	2.072411	1.120516	2.040367	.8032243	2.316356
#3	.8592627	2.069086	1.129688	2.029875	.8149867	2.280168

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2535068	.2107570	.2304932	11.03333	.4725806	.2351002
Stddev	.0020154	.0031292	.0006389	.07590	.0012930	.0007635
%RSD	.7950141	1.484758	.2771755	.6879079	.2736135	.3247394

#1	.2516213	.2126081	.2308505	10.98472	.4739552	.2348870
#2	.2556309	.2125188	.2297556	11.12079	.4713885	.2344661
#3	.2532682	.2071440	.2308735	10.99448	.4723981	.2359477

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4364900	4.401028	.6181616	5.223950	1.262398	.0885594
Stddev	.0010920	.014574	.0036916	.063624	.005059	.0003310
%RSD	.2501816	.3311404	.5971971	1.217933	.4007457	.3738084

#1	.4363256	4.393359	.6151912	5.170888	1.261472	.0889230
#2	.4354895	4.417835	.6222946	5.294485	1.257867	.0884798
#3	.4376549	4.391891	.6169991	5.206477	1.267856	.0882754

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2119.681	.3416312	.3029850	F 899.4333	12.53941	37.25316
Stddev	13.486	.0041399	.0010144	2.6317	.01193	.38721
%RSD	.6362377	1.211794	.3348085	.2925979	.0951347	1.039407

#1	2112.704	.3388216	.3018173	897.6425	12.55111	37.47484
#2	2135.226	.3463854	.3034890	902.4549	12.52726	37.47859
#3	2111.113	.3396867	.3036487	898.2025	12.53987	36.80605

Sample Name: K3853-01MS Acquired: 07/17/2019 12:50:29 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4119091	1476.948	10.41267	.7978534	.2228076	.3031302
Stddev	.0021807	2.847	.12213	.0016180	.0003367	.0014168
%RSD	.5294087	.1927694	1.172869	.2027938	.1510979	.4673755

#1	.4096161	1477.221	10.46570	.7997130	.2224851	.3027264
#2	.4121543	1473.974	10.49931	.7970799	.2231568	.3047051
#3	.4139567	1479.649	10.27299	.7967673	.2227810	.3019593

Elem	Sr4077
Units	ppm
Avg	.3404421
Stddev	.0010378
%RSD	.3048341

#1	.3393179
#2	.3413635
#3	.3406450

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1626.085	2145.181	34076.12	6912.390	2277.756
Stddev	14.894	7.045	309.72	21.197	7.147
%RSD	.9159140	.3284331	.9089083	.3066452	.3137699

#1	1641.032	2151.056	34260.25	6919.159	2277.176
#2	1625.978	2147.118	34249.57	6888.635	2285.175
#3	1611.245	2137.370	33718.54	6929.374	2270.917

Sample Name: K3853-01MSD Acquired: 07/17/2019 12:54:07 Type: Unk
 Method: NON EPA-6010-200.7(v126) 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	.8563694	2.065238	1.128443	2.046844	.8042397	2.285506
Stddev	.0017977	.008053	.006136	.008534	.0015591	.009626
%RSD	.2099182	.3899156	.5437361	.4169547	.1938608	.4211671

#1	.8546539	2.059235	1.126329	2.048723	.8024394	2.278530
#2	.8562149	2.062090	1.123643	2.037527	.8051322	2.281501
#3	.8582393	2.074389	1.135356	2.054283	.8051475	2.296488

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2532391	.2116113	.2305722	10.99728	.4706837	.2352191
Stddev	.0030762	.0025088	.0006017	.12717	.0010277	.0005983
%RSD	1.214751	1.185548	.2609799	1.156339	.2183487	.2543359

#1	.2521635	.2142040	.2304692	10.98923	.4716956	.2348064
#2	.2508451	.2091958	.2300285	10.87432	.4707148	.2349456
#3	.2567087	.2114342	.2312187	11.12827	.4696408	.2359052

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4355141	4.363080	.6150216	5.218494	1.264019	.0875559
Stddev	.0047645	.048260	.0062726	.014883	.003225	.0010896
%RSD	1.093994	1.106108	1.019897	.2851963	.2551583	1.244477

#1	.4317081	4.324790	.6131123	5.227146	1.263857	.0870417
#2	.4339767	4.347162	.6099255	5.201309	1.260878	.0888075
#3	.4408575	4.417289	.6220270	5.227028	1.267323	.0868186

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2114.340	.3402013	.3042533	F 898.9203	12.55250	37.22116
Stddev	19.357	.0019002	.0039309	5.2070	.06265	.32199
%RSD	.9155262	.5585554	1.291985	.5792449	.4991357	.8650670

#1	2105.491	.3392375	.3034463	895.3298	12.56219	37.53674
#2	2100.988	.3389762	.3007884	896.5390	12.48556	36.89313
#3	2136.540	.3423903	.3085250	904.8921	12.60974	37.23361

Sample Name: K3853-01MSD Acquired: 07/17/2019 12:54:07 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4124473	1479.233	10.40853	.8016006	.2220126	.3023944
Stddev	.0000526	4.000	.08995	.0003565	.0029083	.0010679
%RSD	.0127639	.2704307	.8642361	.0444752	1.309983	.3531467
#1	.4123916	1478.844	10.49863	.8012338	.2219715	.3022610
#2	.4124963	1475.441	10.31873	.8016220	.2191251	.3013996
#3	.4124541	1483.413	10.40824	.8019459	.2249413	.3035228

Elem	Sr4077
Units	ppm
Avg	.3401847
Stddev	.0025479
%RSD	.7489866
#1	.3381818
#2	.3393199
#3	.3430525

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1621.027	2138.100	34147.55	6903.857	2267.960
Stddev	12.194	1.471	278.21	33.003	.988
%RSD	.7522611	.0687934	.8147227	.4780357	.0435628
#1	1632.442	2136.444	34461.97	6902.232	2268.297
#2	1622.460	2138.604	33933.30	6937.642	2268.735
#3	1608.180	2139.253	34047.38	6871.696	2266.847

Sample Name: K3853-01A Acquired: 07/17/2019 12:57:46 Type: Unk
Method: NON EPA-6010-200.7(v126) 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	.8552315	2.060688	1.125509	2.035140	.8070416	2.281308
Stddev	.0032631	.001783	.002277	.003512	.0011291	.014194
%RSD	.3815474	.0865154	.2023472	.1725821	.1399110	.6221840

#1	.8550398	2.062431	1.123896	2.032045	.8072767	2.267904
#2	.8585862	2.058868	1.128114	2.034418	.8058133	2.279843
#3	.8520684	2.060764	1.124516	2.038957	.8080346	2.296178

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2531889	.2121833	.2299530	11.03613	.4734119	.2346062
Stddev	.0018018	.0010450	.0005416	.07757	.0001244	.0006970
%RSD	.7116231	.4924731	.2355040	.7028805	.0262806	.2971070

#1	.2511255	.2116657	.2301514	10.94897	.4733001	.2353297
#2	.2539901	.2114982	.2293403	11.09757	.4735459	.2339391
#3	.2544511	.2133860	.2303674	11.06186	.4733897	.2345498

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4360999	4.397617	.6192536	5.211047	1.261392	.0878921
Stddev	.0020439	.032753	.0043311	.094517	.002577	.0004676
%RSD	.4686714	.7447842	.6994006	1.813789	.2043037	.5320276

#1	.4342606	4.359810	.6142799	5.107019	1.261444	.0880775
#2	.4357389	4.415674	.6221932	5.234475	1.258790	.0873602
#3	.4383003	4.417367	.6212877	5.291647	1.263943	.0882385

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2119.458	.3399979	.3041272	F 901.3349	12.48276	37.48429
Stddev	10.163	.0018130	.0002908	2.9925	.04290	.19594
%RSD	.4795301	.5332255	.0956206	.3320095	.3436560	.5227136

#1	2107.770	.3396264	.3043421	898.8764	12.48580	37.39729
#2	2124.394	.3419679	.3037963	900.4614	12.43842	37.34693
#3	2126.211	.3383995	.3042431	904.6670	12.52406	37.70866

Sample Name: K3853-01A Acquired: 07/17/2019 12:57:46 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4128538	1475.743	10.46839	.7968708	.2223994	.3036626
Stddev	.0005217	5.019	.07025	.0015480	.0004908	.0015386
%RSD	.1263522	.3400894	.6710349	.1942652	.2206826	.5066980
#1	.4122536	1478.948	10.43841	.7978992	.2226612	.3041930
#2	.4131099	1469.959	10.41811	.7950904	.2227038	.3048659
#3	.4131979	1478.321	10.54865	.7976227	.2218332	.3019289

Elem	Sr4077
Units	ppm
Avg	.3404579
Stddev	.0013471
%RSD	.3956715
#1	.3390088
#2	.3406926
#3	.3416721

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1611.787	2128.137	33908.46	6848.398	2266.849
Stddev	4.900	4.305	136.53	54.059	5.689
%RSD	.3040160	.2022928	.4026451	.7893740	.2509490
#1	1606.913	2128.143	33772.61	6840.584	2263.753
#2	1616.713	2132.439	34045.66	6905.939	2273.414
#3	1611.733	2123.829	33907.12	6798.670	2263.380

Sample Name: CCV02 Acquired: 07/17/2019 13:01:26 Type: Unk
Method: NON EPA-6010-200.7(v126) 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	5.167182	5.180370	5.180663	5.188492	5.179986	10.43450
Stddev	.030325	.009353	.002487	.015334	.008982	.03213
%RSD	.5868856	.1805456	.0479989	.2955414	.1733895	.3079572

#1	5.155105	5.181027	5.183430	5.171164	5.171103	10.39740
#2	5.144756	5.170706	5.179944	5.194000	5.179793	10.45285
#3	5.201686	5.189378	5.178616	5.200311	5.189063	10.45326

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.88121	.2567470	2.555768	26.99010	1.023488	2.562571
Stddev	.03952	.0008359	.003675	.06274	.000767	.002721
%RSD	.3631963	.3255805	.1438013	.2324609	.0749721	.1061640

#1	10.90084	.2574406	2.555326	27.01082	1.023054	2.562243
#2	10.83572	.2558189	2.552333	26.91962	1.024374	2.560029
#3	10.90707	.2569815	2.559644	27.03986	1.023036	2.565441

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.309358	5.299242	2.692531	25.79534	2.568426	1.309458
Stddev	.005109	.040409	.012371	.10464	.002530	.006891
%RSD	.3901632	.7625452	.4594615	.4056608	.0984860	.5262658

#1	1.303925	5.255916	2.693748	25.81026	2.566160	1.316527
#2	1.310086	5.305903	2.679596	25.68403	2.567964	1.309088
#3	1.314064	5.335907	2.704248	25.89171	2.571155	1.302760

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.28385	2.623287	2.624362	F 28.18713	5.231763	5.347149
Stddev	.33763	.013674	.009959	.25600	.017629	.023438
%RSD	1.237489	.5212632	.3794778	.9082204	.3369568	.4383313

#1	26.98769	2.614669	2.635849	27.89493	5.218390	5.371132
#2	27.65151	2.616137	2.618165	28.37195	5.225160	5.324297
#3	27.21236	2.639054	2.619070	28.29452	5.251740	5.346017

Sample Name: CCV02 Acquired: 07/17/2019 13:01:26 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.060033	5.241113	5.208839	5.052191	5.350130	5.355782
Stddev	.019868	.007546	.025017	.020696	.018193	.024688
%RSD	.3926521	.1439754	.4802714	.4096471	.3400558	.4609637

#1	5.046421	5.235812	5.215659	5.035587	5.338384	5.372178
#2	5.050847	5.249752	5.181119	5.045607	5.340920	5.327388
#3	5.082833	5.237775	5.229738	5.075378	5.371087	5.367779

Elem	Sr4077
Units	ppm
Avg	5.283602
Stddev	.070832
%RSD	1.340603

#1	5.216316
#2	5.276974
#3	5.357515

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1645.185	2191.093	35726.33	6982.556	2600.684
Stddev	9.880	3.735	85.29	29.483	4.316
%RSD	.6005393	.1704475	.2387385	.4222436	.1659734

#1	1633.852	2189.068	35644.20	6958.660	2596.014
#2	1649.720	2195.403	35720.34	7015.504	2604.527
#3	1651.984	2188.808	35814.46	6973.504	2601.512

Sample Name: CCB02 Acquired: 07/17/2019 13:05:06 Type: Unk
Method: NON EPA-6010-200.7(v126) 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	-.002470	-.001585	-.001029	-.001462	-.000912	-.003037
Stddev	.002700	.001050	.000863	.002656	.000535	.003107
%RSD	109.2767	66.21558	83.93368	181.7294	58.64745	102.2998

#1	-.002817	-.002713	-.000472	.000583	-.000512	-.006020
#2	.000386	-.000638	-.000591	-.004464	-.000703	-.003271
#3	-.004980	-.001404	-.002023	-.000504	-.001519	.000180

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002910	-.000063	.0000245	-.006444	.0000803	-.000114
Stddev	.0005830	.000095	.0000560	.004025	.0003576	.000043
%RSD	200.3840	151.6068	228.0712	62.46379	445.1641	37.62111

#1	.0008249	-.000054	-.000035	-.002669	.0000531	-.000106
#2	.0003791	-.000162	.000076	-.005984	.0004508	-.000160
#3	-.000331	.000028	.000032	-.010679	-.000263	-.000076

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028966	-.000034	.0000204	-.010434	-.000011	.0005980
Stddev	.0017857	.002510	.0003865	.038037	.000277	.0004017
%RSD	61.64943	7308.123	1898.999	364.5502	2509.191	67.18033

#1	.0048263	-.001425	-.000413	-.029216	.000121	.0002655
#2	.0025609	.002863	.000329	.033340	-.000330	.0004840
#3	.0013025	-.001541	.000145	-.035426	.000176	.0010443

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.220801	-.000824	-.000165	.7669494	.0002860	F .0933228
Stddev	.113045	.001354	.000277	.0820367	.0033602	.0024548
%RSD	51.19758	164.3532	167.7754	10.69649	1174.790	2.630450

#1	-.149699	-.001148	.000148	.6892243	-.003592	.0959841
#2	-.161549	.000663	-.000267	.7589172	.002121	.0928376
#3	-.351154	-.001986	-.000377	.8527067	.002329	.0911469

Sample Name: CCB02 Acquired: 07/17/2019 13:05:06 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005050	F .0250912	-.014524	-.001239	.0000793	F .0109573
Stddev	.0004119	.0038252	.001573	.000460	.0007240	.0014412
%RSD	81.56499	15.24504	10.82889	37.10002	913.4284	13.15280

#1	.0008369	.0228876	-.012822	-.000708	.0005187	.0113388
#2	.0006340	.0228779	-.015923	-.001517	.0004754	.0121693
#3	.0000440	.0295081	-.014828	-.001492	-.000756	.0093637

Elem	Sr4077
Units	ppm
Avg	.0003278
Stddev	.0001634
%RSD	49.85300

#1	.0005107
#2	.0002766
#3	.0001961

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1667.050	2242.095	35989.59	6991.130	2687.762
Stddev	13.410	4.606	124.19	51.573	6.826
%RSD	.8044039	.2054447	.3450591	.7376953	.2539493

#1	1675.488	2241.598	36127.84	7003.680	2689.048
#2	1651.587	2237.758	35953.44	6934.440	2680.385
#3	1674.074	2246.930	35887.49	7035.270	2693.853

Sample Name: K3649-01 Acquired: 07/17/2019 13:09:00 Type: Unk
Method: NON EPA-6010-200.7(v126) 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	.4372452	.3546355	15.36474	.0295192	.0816288	147.0411
Stddev	.0013529	.0021095	.05866	.0122938	.0020821	.6989
%RSD	.3094189	.5948452	.3818157	41.64693	2.550742	.4752769

#1	.4362149	.3549286	15.30683	.0172318	.0795126	146.5934
#2	.4387773	.3523947	15.36326	.0295062	.0836751	146.6834
#3	.4367434	.3565831	15.42413	.0418195	.0816987	147.8463

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.295529	.0145122	.2351493	753.8196	1.185677	.6719140
Stddev	.045456	.0001564	.0006672	9.5165	.002764	.0014666
%RSD	1.058217	1.077998	.2837324	1.262434	.2331484	.2182746

#1	4.275477	.0144598	.2344449	743.0265	1.186293	.6703220
#2	4.263547	.0143886	.2352316	757.4289	1.182656	.6732101
#3	4.347563	.0146881	.2357716	761.0035	1.188081	.6722099

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 51.17687	F 1076.798	9.109341	172.1003	F 8.771118	-.033866
Stddev	.15797	11.673	.102817	.9880	.015568	.001074
%RSD	.3086665	1.084035	1.128698	.5740638	.1774867	3.171790

#1	51.13023	1067.968	9.065018	171.7502	8.756317	-.035101
#2	51.04747	1072.394	9.036119	171.3351	8.769684	-.033347
#3	51.35290	1090.032	9.226885	173.2157	8.787352	-.033149

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.38283	F 16.42945	F 38.44765	19.70509	101.6590	^ *****
Stddev	.34439	.08253	.18066	.11286	.2365	-----
%RSD	.8972507	.5023038	.4698949	.5727486	.2326065	-----

#1	38.03415	16.43798	38.26066	19.62109	101.5803	^ -----
#2	38.39158	16.34299	38.62124	19.66081	101.4718	^ -----
#3	38.72277	16.50738	38.46105	19.83338	101.9247	^ -----

Sample Name: K3649-01 Acquired: 07/17/2019 13:09:00 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7460490	51.12125	19.01475	.6736630	5.608696	.9263652
Stddev	.0026731	.08028	.19515	.0024968	.033217	.0123012
%RSD	.3582997	.1570470	1.026300	.3706285	.5922493	1.327902

#1	.7487836	51.06307	18.95252	.6708355	5.601223	.9191654
#2	.7459216	51.08784	18.85830	.6745891	5.579851	.9193611
#3	.7434420	51.21285	19.23342	.6755644	5.645013	.9405689

Elem	Sr4077
Units	ppm
Avg	3.684458
Stddev	.052168
%RSD	1.415900

#1	3.630640
#2	3.687931
#3	3.734803

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1718.472	2302.422	39349.80	7950.609	2209.107
Stddev	13.044	2.100	83.22	69.734	7.324
%RSD	.7590279	.0911904	.2114903	.8770899	.3315518

#1	1728.067	2300.080	39444.34	7989.555	2215.823
#2	1703.620	2303.052	39317.39	7992.171	2210.202
#3	1723.728	2304.135	39287.65	7870.102	2201.297

Sample Name: K3682-01 Acquired: 07/17/2019 13:13:03 Type: Unk
Method: NON EPA-6010-200.7(v126) 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	.1323841	1.087938	7.303316	.0126246	.0412150	185.9211
Stddev	.0044050	.021596	.009498	.0040810	.0014129	1.9842
%RSD	3.327415	1.985063	.1300452	32.32583	3.428091	1.067236

#1	.1306063	1.064264	7.296668	.0079140	.0420642	183.7594
#2	.1291459	1.106560	7.314194	.0150899	.0419969	187.6596
#3	.1374002	1.092991	7.299086	.0148700	.0395840	186.3442

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.048814	.0100854	.0344860	316.9763	.3160103	.2759484
Stddev	.035526	.0000753	.0001132	5.6459	.0003368	.0002241
%RSD	1.734001	.7469404	.3282858	1.781168	.1065905	.0812075

#1	2.014395	.0100116	.0344313	311.4931	.3163088	.2757514
#2	2.085353	.0101622	.0346162	322.7719	.3156451	.2759016
#3	2.046694	.0100825	.0344105	316.6641	.3160771	.2761922

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.403964	235.0269	6.097510	96.11929	F 5.523667	-.023130
Stddev	.069439	2.8951	.092353	1.49362	.003608	.000545
%RSD	.9378640	1.231802	1.514594	1.553919	.0653238	2.354450

#1	7.326190	231.7834	6.004765	94.39590	5.522761	-.023754
#2	7.459737	237.3494	6.189465	97.03877	5.527642	-.022888
#3	7.425966	235.9478	6.098300	96.92319	5.520599	-.022750

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.16860	F 44.74107	3.982481	22.30545	12.53712	.0060237
Stddev	1.02831	.58296	.003236	.25898	.00443	.0083718
%RSD	2.049703	1.302974	.0812458	1.161067	.0353444	138.9814

#1	49.16888	44.09284	3.979534	22.08770	12.54183	-.001867
#2	51.22329	45.22233	3.981965	22.59183	12.53651	.005133
#3	50.11364	44.90805	3.985944	22.23682	12.53303	.014805

Sample Name: K3682-01 Acquired: 07/17/2019 13:13:03 Type: Unk
Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0491503	45.56751	19.37440	.0387304	4.684867	.9004366
Stddev	.0001469	.12448	.26374	.0011542	.060834	.0165935
%RSD	.2989696	.2731873	1.361292	2.980174	1.298528	1.842829

#1	.0492517	45.67359	19.27748	.0400540	4.625418	.8826911
#2	.0489818	45.43047	19.67289	.0382035	4.746998	.9155676
#3	.0492175	45.59848	19.17283	.0379336	4.682185	.9030513

Elem	Sr4077
Units	ppm
Avg	2.823713
Stddev	.016894
%RSD	.5983016

#1	2.804367
#2	2.835560
#3	2.831210

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1993.732	2674.782	44362.97	8923.088	2329.658
Stddev	8.978	.908	160.23	104.470	3.323
%RSD	.4503257	.0339623	.3611805	1.170779	.1426383

#1	2001.478	2674.569	44538.49	8981.140	2326.451
#2	1995.825	2673.999	44325.87	8802.485	2329.436
#3	1983.892	2675.778	44224.54	8985.639	2333.086

Sample Name: CCV03 Acquired: 07/17/2019 13:36:30 Type: Unk
Method: NON EPA-6010-200.7(v126) 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	5.220809	5.239281	5.190493	5.246473	5.188497	10.46055	10.92342
Stddev	.004180	.006921	.019311	.017695	.005967	.04255	.04306
%RSD	.0800552	.1320922	.3720359	.3372727	.1150111	.4067808	.3941680

#1	5.224771	5.243855	5.209563	5.245597	5.190352	10.41791	10.90163
#2	5.221215	5.242669	5.190965	5.229233	5.181822	10.46074	10.89561
#3	5.216441	5.231319	5.170950	5.264590	5.193316	10.50301	10.97302

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2562141	2.551476	27.08977	1.025929	2.562586	1.325358	5.347405
Stddev	.0005858	.001975	.20752	.002346	.004408	.005916	.035851
%RSD	.2286561	.0773920	.7660608	.2286398	.1720307	.4463334	.6704330

#1	.2557026	2.553342	27.02905	1.025621	2.566951	1.320866	5.335855
#2	.2560865	2.551678	26.91937	1.028414	2.562671	1.323147	5.318753
#3	.2568533	2.549408	27.32088	1.023753	2.558136	1.332060	5.387607

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.707802	25.72492	2.565438	1.311760	26.79092	2.635631	2.671369
Stddev	.018894	.17254	.003125	.003794	.15297	.013360	.011063
%RSD	.6977722	.6707269	.1218147	.2892244	.5709868	.5068804	.4141176

#1	2.694945	25.57966	2.568637	1.312069	26.73194	2.630455	2.659142
#2	2.698966	25.67947	2.565284	1.315390	26.67621	2.625634	2.680686
#3	2.729495	25.91564	2.562392	1.307821	26.96460	2.650804	2.674279

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.24855	5.377981	5.220998	5.049257	5.301894	5.276272	5.059114
Stddev	.17699	.008194	.015493	.016624	.023248	.009589	.003358
%RSD	.6742724	.1523562	.2967366	.3292398	.4384908	.1817440	.0663697

#1	26.04511	5.387385	5.206016	5.051580	5.281690	5.266734	5.059907
#2	26.36712	5.372381	5.236955	5.031594	5.296689	5.285912	5.062005
#3	26.33341	5.374176	5.220023	5.064598	5.327304	5.276171	5.055431

Sample Name: CCV03 Acquired: 07/17/2019 13:36:30 Type: Unk
 Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.395650	5.341398	5.400512
Stddev	.033132	.018894	.109214
%RSD	.6140482	.3537242	2.022298

#1	5.372011	5.334753	5.276008
#2	5.381419	5.326726	5.445389
#3	5.433520	5.362717	5.480139

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1609.658	2186.047	35162.07	6871.208	2592.580
Stddev	2.605	3.988	112.81	11.407	8.410
%RSD	.1618513	.1824334	.3208411	.1660084	.3243848

#1	1611.560	2181.597	35060.31	6862.861	2586.700
#2	1606.689	2187.243	35142.50	6866.557	2588.827
#3	1610.726	2189.300	35283.38	6884.205	2602.213

Sample Name: CCB03 Acquired: 07/17/2019 13:40:08 Type: Unk
Method: NON EPA-6010-200.7(v126) 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	-.001102	-.000252	-.001239	-.003499	-.003409	-.002129	.0004945
Stddev	.001822	.000849	.001353	.002101	.000578	.014068	.0003459
%RSD	165.4061	337.2650	109.2302	60.03777	16.96123	660.8473	69.94388

#1	-.001943	-.000596	.000197	-.004971	-.003651	.003696	.0008755
#2	-.002351	-.000874	-.001422	-.004434	-.002749	.008091	.0002003
#3	.000989	.000715	-.002492	-.001093	-.003826	-.018173	.0004076

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000916	.0000303	.0058896	-.000180	.0002432	.0030119	.0088252
Stddev	.0000396	.0001218	.0097781	.000127	.0000485	.0015306	.0042902
%RSD	43.19699	402.3809	166.0250	70.71643	19.94910	50.81846	48.61342

#1	.0000536	.0001472	.0168362	-.000323	.0002877	.0042104	.0136446
#2	.0000887	-.000096	-.001980	-.000136	.0001915	.0012877	.0074087
#3	.0001326	.000039	.002812	-.000080	.0002502	.0035375	.0054223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000275	-.022682	.0005573	.0009501	-.593197	-.001570	.0002934
Stddev	.000190	.024225	.0004078	.0002720	.428849	.002362	.0002956
%RSD	69.00858	106.8038	73.17294	28.62195	72.29459	150.4033	100.7439

#1	-.000199	-.002283	.0008744	.0012461	-.156455	.001059	-.000047
#2	-.000491	-.016305	.0000973	.0007112	-1.01369	-.002257	.000483
#3	-.000135	-.049457	.0007003	.0008931	-.60944	-.003513	.000445

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0687468	.0003469	.0241232	.0003595	.0001768	-.019350	-.001306
Stddev	.0721530	.0036959	.0007775	.0006700	.0022810	.001377	.000902
%RSD	104.9548	1065.458	3.223174	186.3724	1290.075	7.118072	69.07829

#1	.1361766	.0038816	.0246277	.0008489	-.001928	-.017822	-.001825
#2	.0774107	-.003491	.0245141	.0006337	.002601	-.019730	-.000264
#3	-.007347	.000650	.0232278	-.000404	-.000143	-.020497	-.001827

Sample Name: CCB03 Acquired: 07/17/2019 13:40:08 Type: Unk
 Method: NON EPA-6010-200.7(v126) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003148	.0025712	.0004464
Stddev	.0003090	.0005165	.0002274
%RSD	98.15193	20.08961	50.95055

#1	.0002641	.0031448	.0006782
#2	.0006461	.0021429	.0004373
#3	.0000343	.0024258	.0002236

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1648.854	2225.451	35743.86	6945.943	2668.779
Stddev	13.397	2.502	321.74	65.248	6.409
%RSD	.8125146	.1124063	.9001325	.9393651	.2401511

#1	1633.713	2224.220	35376.14	6877.300	2669.327
#2	1659.173	2228.330	35881.82	6953.370	2674.897
#3	1653.675	2223.804	35973.61	7007.160	2662.114

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Custom ID1	Custom ID2	Custom ID3
1	1	1	1	1	Unk	ICV01		ICV01		
2	2	1	2	1	Unk	LLICV01		LLICV01		
3	3	1	3	1	Unk	ICB01		ICB01		
4	4	1	4	1	Unk	CRI01		CRI01		
5	5	1	5	1	Unk	ICSA01		ICSA01		
6	6	1	6	1	Unk	ICSAB01		ICSAB01		
7	7	1	7	1	Unk	CCV01		CCV01		
8	8	1	8	1	Unk	LLCCV01		LLCCV01		
9	9	1	9	1	Unk	CCB01		CB01		
10	10	1	10	1	Unk	LR CHECK 1				
11	11	1	11	1	Unk	LR CHECK 2				
12	15	1	3	2	Unk	PB121439BS				
13	14	1	2	2	Unk	PB121439BL				
14	16	1	4	2	Unk	K3853-01				
15	17	1	5	2	Unk	K3853-01DUP				
16	18	1	6	2	Unk	K3853-01LX5				
17	19	1	7	2	Unk	K3853-01MS				
18	20	1	8	2	Unk	K3853-01MSD				
19	21	1	9	2	Unk	K3853-01A				
20	22	1	10	2	Unk	CCV02				
21	23	1	11	2	Unk	CCB02				
22	24	1	12	2	Unk	K3649-01				
23	25	1	1	3	Unk	K3682-01				
24	26	1	2	3	Unk	CCV03				
25	27	1	3	3	Unk	CCB03				

	CorrFact	Check	Check Table	Fail Action
1	1	X	ICV1 200.7	---
2	1	X	DOD-CRI/LLICV/LL	---
3	1	X	DOD-ICB	---
4	1	X	CRI/LLICV/LLCCV	---
5	1	X	ICSA2	---
6	1	X	ICSAB2	---
7	1	X	CCV 200.7	---
8	1	X	DOD-CRI/LLICV/LL	---
9	1	X	DOD-ICB	---
10	1	X	LR CHECK 1	---
11	1	X	LR CHECK 2	---
12	1	X	LCSS,LCSW	---
13	1	X	ICB,CCB,PBW,PBS	---
14	1	X	LR	---
15	1	X	LR	---
16	1	X	LR	---
17	1	X	LR	---
18	1	X	LR	---
19	1	X	LR	---
20	1	X	CCV	---
21	1	X	ICB,CCB,PBW,PBS	---
22	1	X	LR	---
23	1	X	LR	---
24	1	X	CCV	---
25	1	X	ICB,CCB,PBW,PBS	---