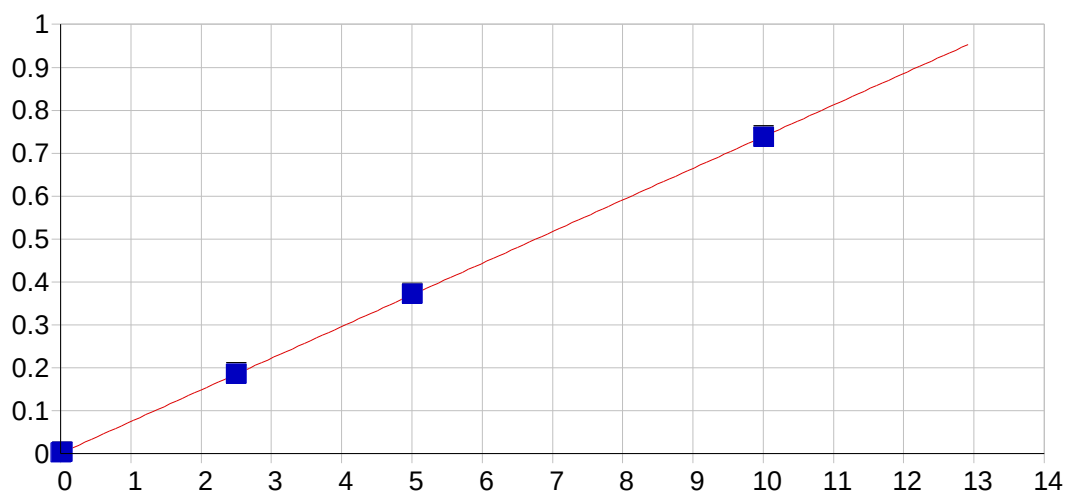


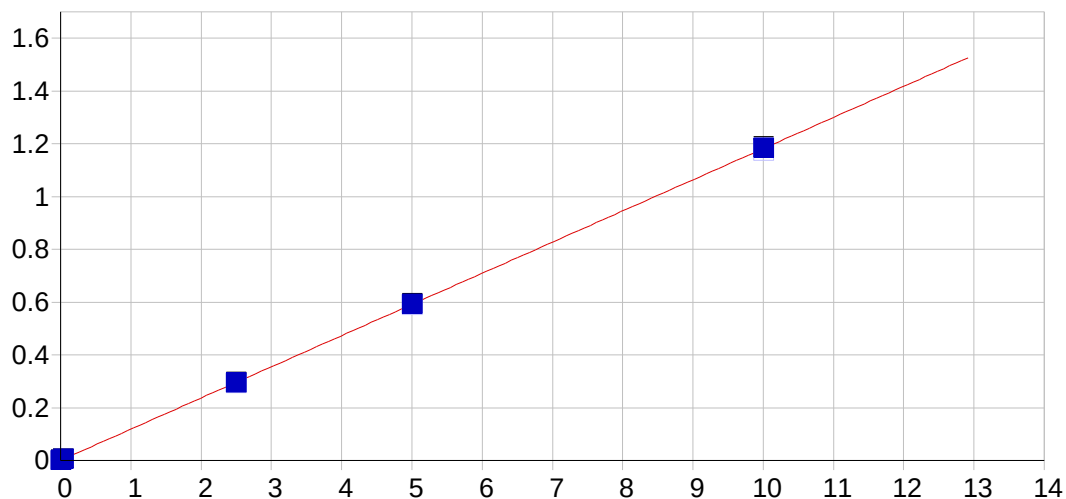


As 189.042 {479}

Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000811 Re-Slope: 1.000000
 A1 (Gain): 0.073745 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.003333
 Predicted MQL: 0.011110

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00081	.000	1
S1	.02000	.01986	-.000	-.676	.00228	.000	1
S3	2.5000	2.4958	-.004	-.168	.18488	.003	1
S4	5.0000	5.0280	.028	.561	.37164	.001	1
S5	10.000	9.9763	-.024	-.237	.73659	.003	1



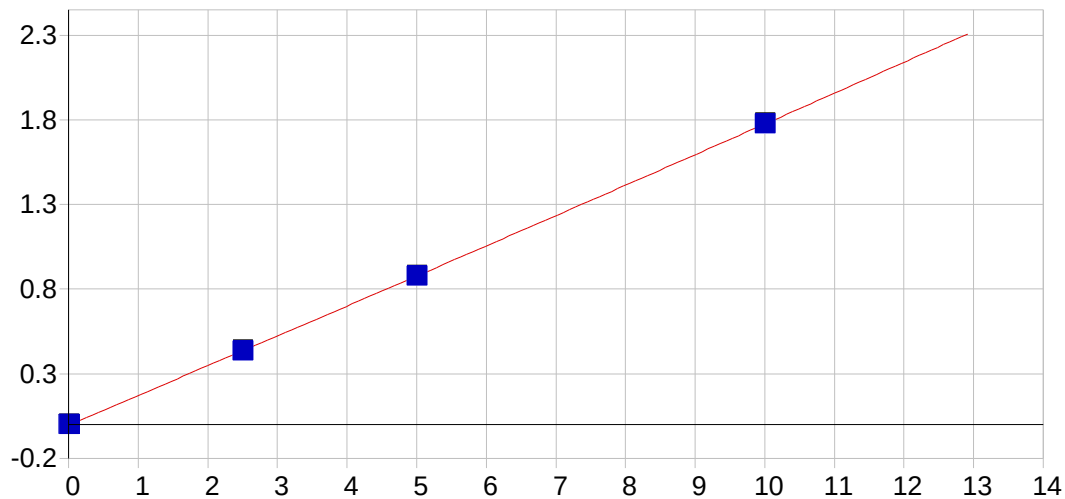
TI 190.856 {477}

Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000530 Re-Slope: 1.000000

A1 (Gain): 0.118126 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.002198
 Predicted MQL: 0.007328

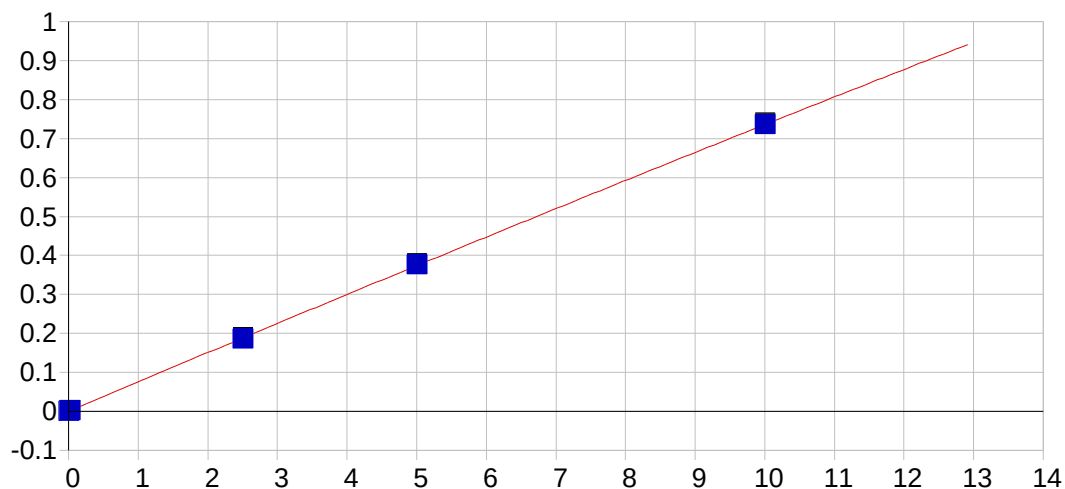
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00053	.000	1
S1	.04000	.03899	-.001	-2.53	.00501	.000	1
S3	2.5000	2.4824	-.018	-.703	.29082	.003	1
S4	5.0000	5.0097	.010	.195	.58641	.001	1
S5	10.000	10.009	.009	.088	1.1710	.006	1



Date of Fit: 10/18/2019 16:54:20 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.001527 Re-Slope: 1.000000
 A1 (Gain): 0.173857 Y-int: 0.000000
 A2 (Curvature): 0.000385
 n (Exponent): 1.000000
 Correlation: 0.999999 Status: Warning Positive Curvature
 Std Error of Est: 0.000004
 Predicted MDL: 0.002631
 Predicted MQL: 0.008771

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00153	.000	1
S1	.01200	.01231	.000	2.59	.00057	.000	1
S3	2.5000	2.4959	-.004	-.165	.43407	.006	1
S4	5.0000	5.0055	.006	.110	.87691	.002	1
S5	10.000	9.9983	-.002	-.017	1.7724	.006	1

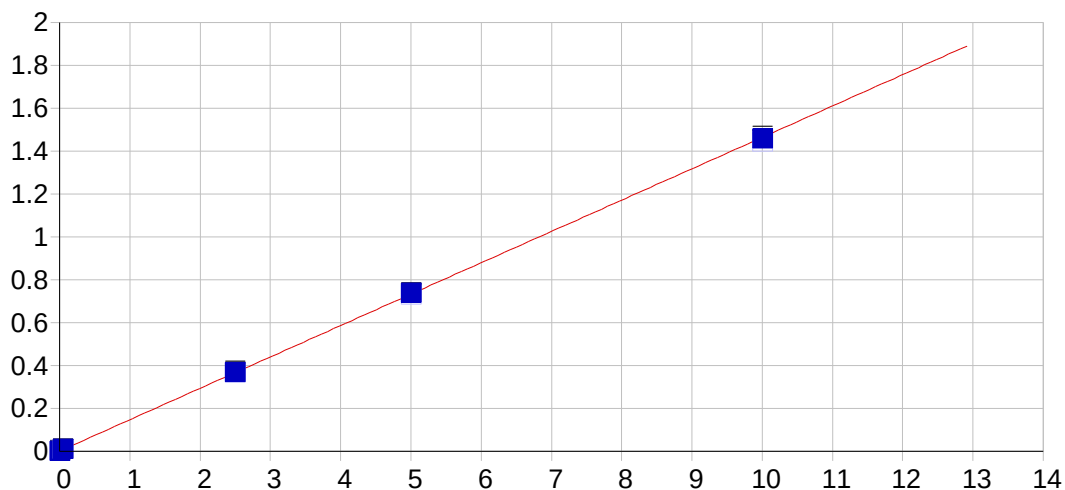


Se 196.090 {472}

Date of Fit: 10/18/2019 16:54:20 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000128 Re-Slope: 1.000000
 A1 (Gain): 0.075994 Y-int: 0.000000
 A2 (Curvature): -0.000241
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.004217
 Predicted MQL: 0.014057

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00013	.000	1
S1	.02000	.02393	.004	19.6	.00169	.000	1
S3	2.5000	2.4727	-.027	-1.09	.18637	.002	1
S4	5.0000	5.0335	.034	.670	.37640	.001	1
S5	10.000	9.9898	-.010	-.102	.73524	.004	1



Sb 206.833 {463}

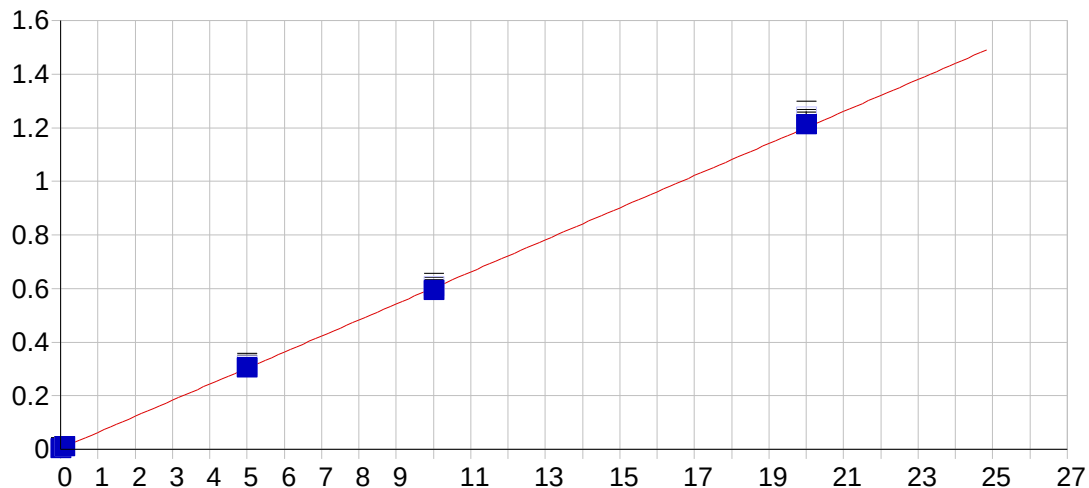
Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001350 Re-Slope: 1.000000
 A1 (Gain): 0.146301 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971
 Std Error of Est: 0.000042
 Predicted MDL: 0.002495
 Predicted MQL: 0.008318

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00135	.000	1
S1	.05000	.05534	.005	10.7	.00926	.000	1
S3	2.5000	2.5087	.009	.347	.36426	.004	1
S4	5.0000	5.0308	.031	.617	.72914	.001	1
S5	10.000	9.9552	-.045	-.448	1.4414	.009	1

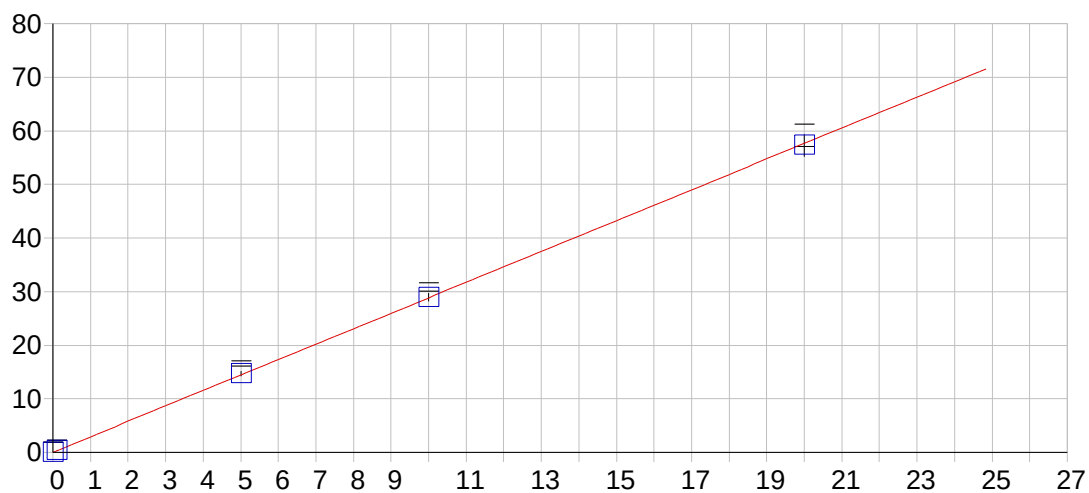


AI 396.152 { 85}

Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003402 Re-Slope: 1.000000
 A1 (Gain): 0.059861 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.014652
 Predicted MQL: 0.048841

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00340	.001	1
S1	.10000	.10317	.003	3.17	.01002	.000	1
S3	5.0000	5.0121	.012	.242	.31097	.010	1
S4	10.000	9.8264	-.174	-1.74	.60671	.011	1
S5	20.000	20.158	.158	.791	1.2403	.020	1

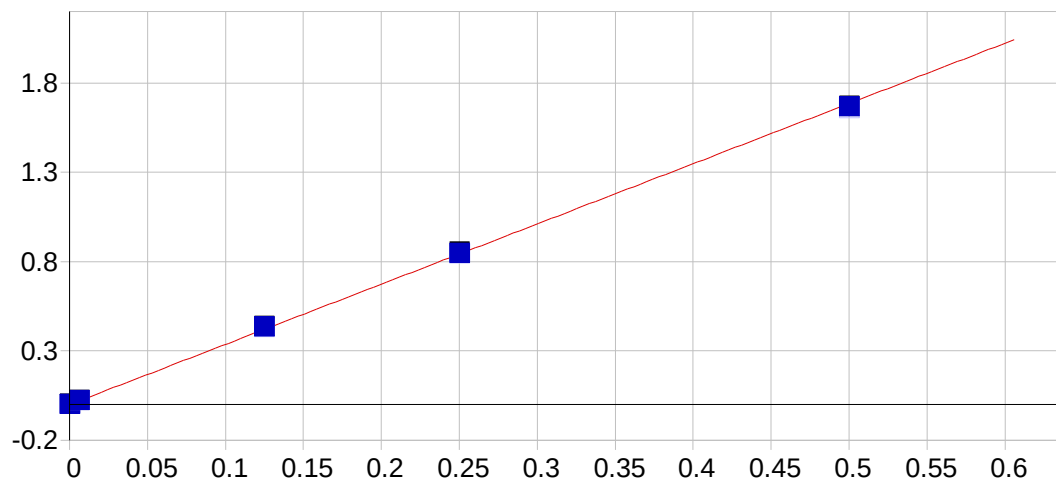


Ba 493.409 {68}

Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.034657 Re-Slope: 1.000000
 A1 (Gain): 2.879904 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.001869
 Predicted MDL: 0.000691
 Predicted MQL: 0.002302

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.03464	.002	1
S1	.10000	.10408	.004	4.08	.33441	.011	1
S3	5.0000	5.0871	.087	1.74	14.685	.447	1
S4	10.000	10.031	.031	.310	28.923	.765	1
S5	20.000	19.878	-.122	-.611	57.281	2.12	1



Be 234.861 {144}

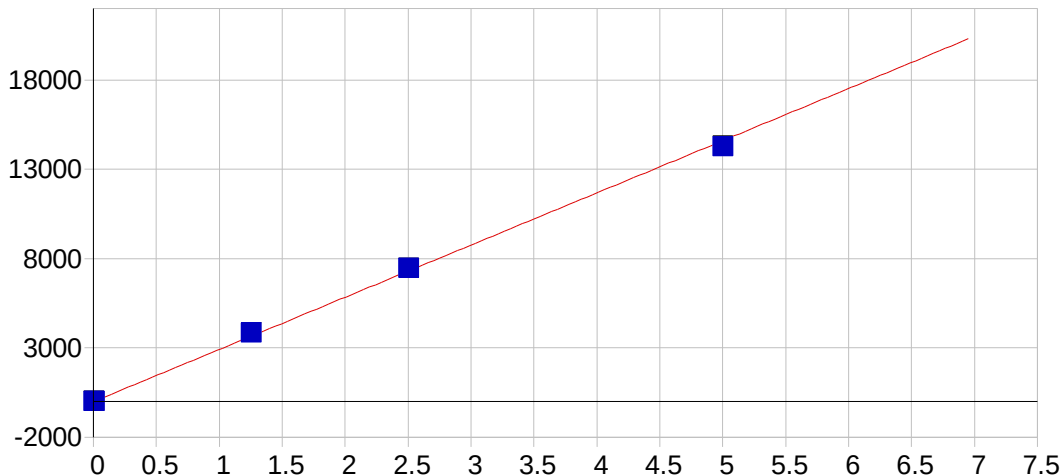
Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000360 Re-Slope: 1.000000
 A1 (Gain): 3.371028 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999863
 Std Error of Est: 0.000165
 Predicted MDL: 0.000118
 Predicted MQL: 0.000394

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00036	.000	1
S1	.00600	.00671	.001	11.9	.02206	.001	1
S3	.12500	.12838	.003	2.70	.42976	.005	1
S4	.25000	.25122	.001	.488	.84120	.008	1
S5	.50000	.49469	-.005	-1.06	1.6566	.002	1

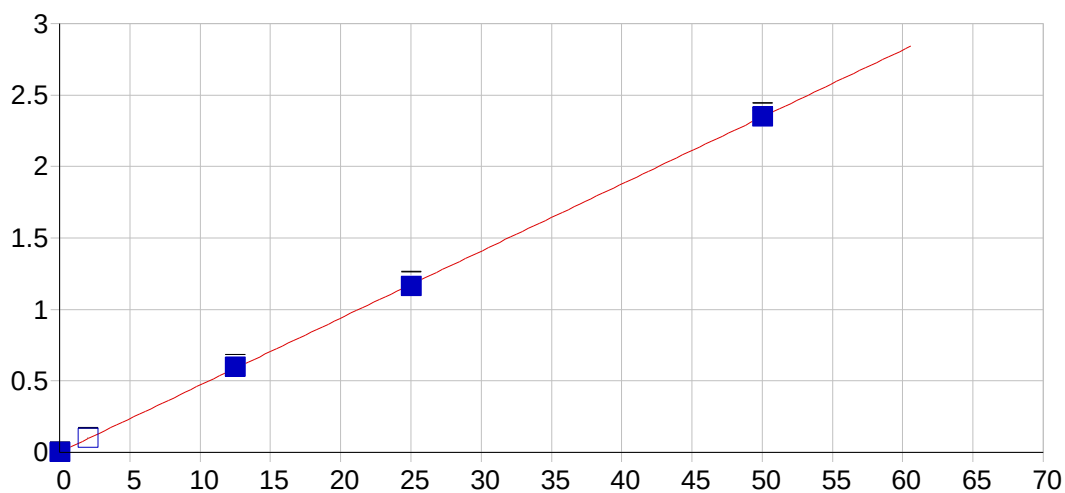


Cd 226.502 {449}

Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -4.350605 Re-Slope: 1.000000
 A1 (Gain): 2921.034576 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999582 Status: OK.
 Std Error of Est: 0.790266
 Predicted MDL: 0.000261
 Predicted MQL: 0.000869

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-4.3541	.411	1
S1	.00600	.00688	.001	14.7	15.787	.318	1
S3	1.2500	1.3169	.067	5.35	3843.1	8.18	1
S4	2.5000	2.5482	.048	1.93	7440.5	4.55	1
S5	5.0000	4.8841	-.116	-2.32	14265.	16.8	1

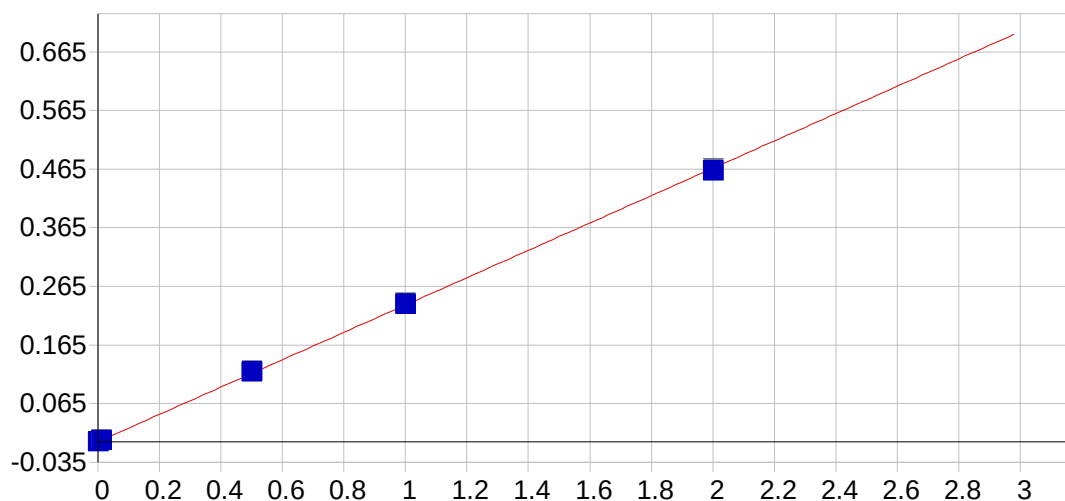


Ca 373.690 { 90}

Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001341 Re-Slope: 1.000000
 A1 (Gain): 0.046896 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000266
 Predicted MDL: 0.016332
 Predicted MQL: 0.054439

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00010	-.000	.000	.00134	.001	1
S2	2.0000	2.0980	.098	4.90	.09973	.003	1
S3	12.500	12.659	.159	1.27	.59530	.019	1
S4	25.000	24.735	-.265	-1.06	1.1620	.031	1
S5	50.000	50.008	.008	.016	2.3478	.027	1



Cr 267.716 {126}

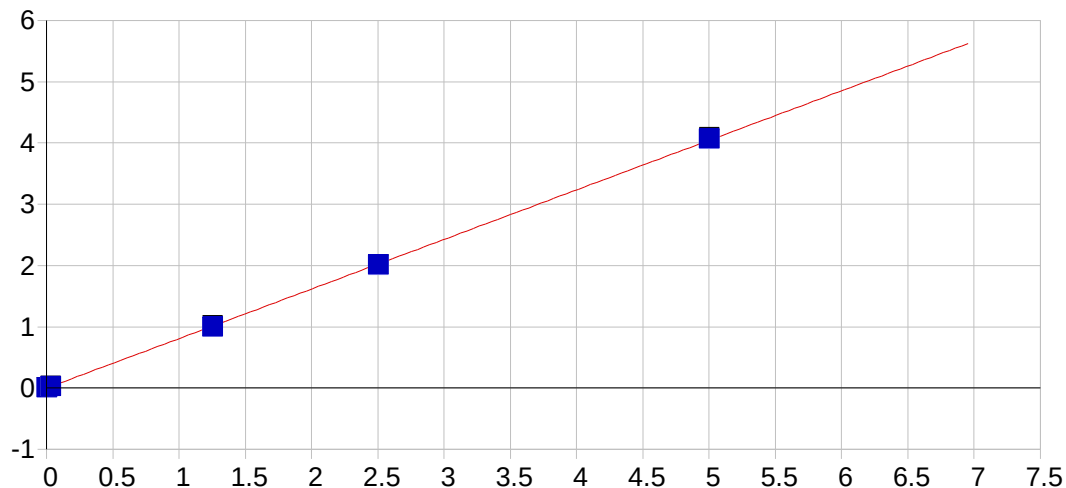
Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000050 Re-Slope: 1.000000
 A1 (Gain): 0.233143 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930
 Std Error of Est: 0.000021
 Predicted MDL: 0.000592
 Predicted MQL: 0.001972

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	.01030	.000	2.99	.00246	.000	1
S3	.50000	.51135	.011	2.27	.12006	.000	1
S4	1.0000	1.0073	.007	.726	.23648	.000	1
S5	2.0000	1.9811	-.019	-.945	.46511	.000	1



Co 228.616 {448}

Date of Fit: 10/18/2019 16:54:20

Type of Fit: Linear

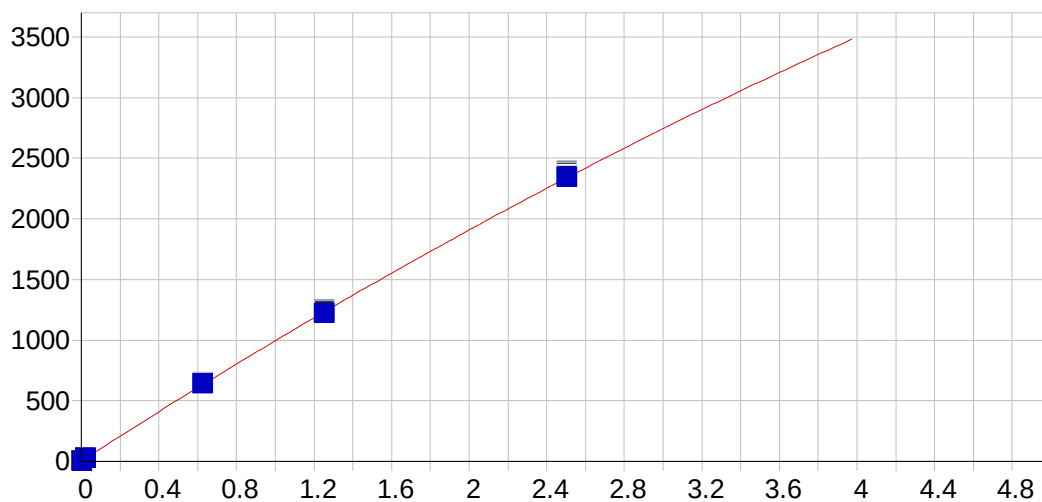
Weighting: 1/Conc

A0 (Offset): -0.001166
 A1 (Gain): 0.809001
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972
 Std Error of Est: 0.000126
 Predicted MDL: 0.000421
 Predicted MQL: 0.001403

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	-.00117	.000	1
S1	.03000	.02962	-.000	-1.27	.02257	.000	1
S3	1.2500	1.2371	-.013	-1.03	.99692	.012	1
S4	2.5000	2.4812	-.019	-.753	2.0006	.001	1
S5	5.0000	5.0321	.032	.641	4.0587	.017	1

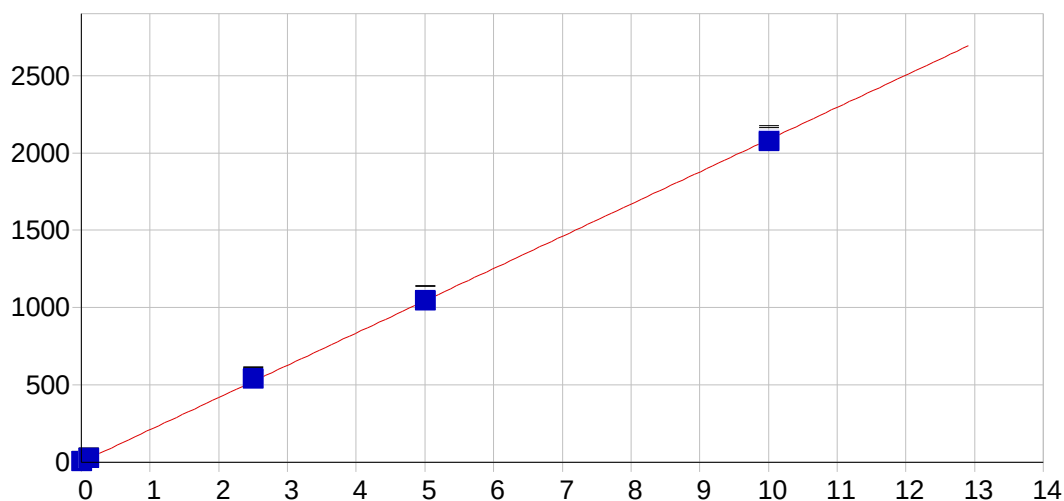


Cu 224.700 {450}

Date of Fit: 10/18/2019 16:54:20 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 2.570882 Re-Slope: 1.000000
 A1 (Gain): 1031.644139 Y-int: 0.000000
 A2 (Curvature): -39.303906
 n (Exponent): 1.000000
 Correlation: 0.999930 Status: OK.
 Std Error of Est: 0.171010
 Predicted MDL: 0.000834
 Predicted MQL: 0.002779

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	2.5680	.116	1
S1	.02000	.02285	.003	14.2	26.476	.127	1
S3	.62500	.62928	.004	.684	647.20	2.13	1
S4	1.2500	1.2370	-.013	-1.04	1240.6	4.47	1
S5	2.5000	2.5060	.006	.239	2385.0	7.62	1



Fe 240.488 {140}

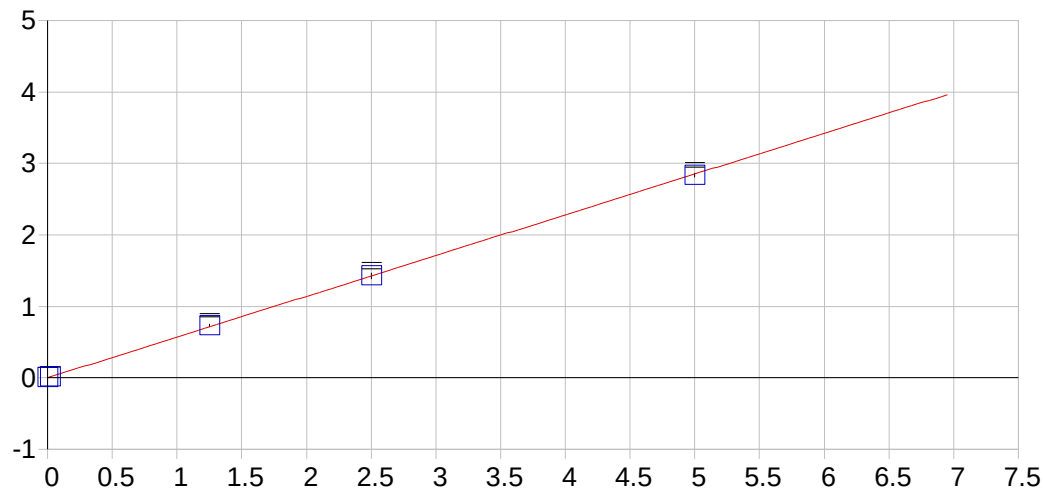
Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2.073274 Re-Slope: 1.000000
 A1 (Gain): 208.365262 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914
 Std Error of Est: 0.148464
 Predicted MDL: 0.007884
 Predicted MQL: 0.026280

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	2.0708	1.51	1
S1	.10000	.11017	.010	10.2	25.131	.846	1
S3	2.5000	2.5626	.063	2.51	538.66	11.1	1
S4	5.0000	4.9930	-.007	-.139	1047.7	27.4	1
S5	10.000	9.9342	-.066	-.658	2082.5	26.6	1



Mn 257.610 {131}

Date of Fit: 10/18/2019 16:54:20

Type of Fit: Linear

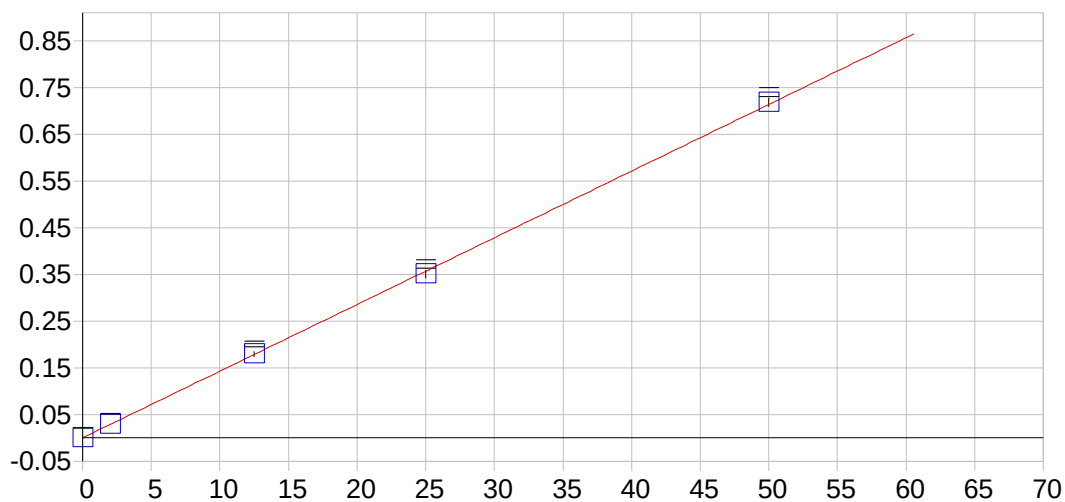
Weighting: 1/Conc

A0 (Offset): 0.000260
 A1 (Gain): 0.570152
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924
 Std Error of Est: 0.000120
 Predicted MDL: 0.000575
 Predicted MQL: 0.001918

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	.00026	.000	1
S1	.02000	.02259	.003	13.0	.01314	.001	1
S3	1.2500	1.2817	.032	2.54	.73103	.022	1
S4	2.5000	2.4955	-.004	-.180	1.4231	.044	1
S5	5.0000	4.9702	-.030	-.596	2.8340	.030	1

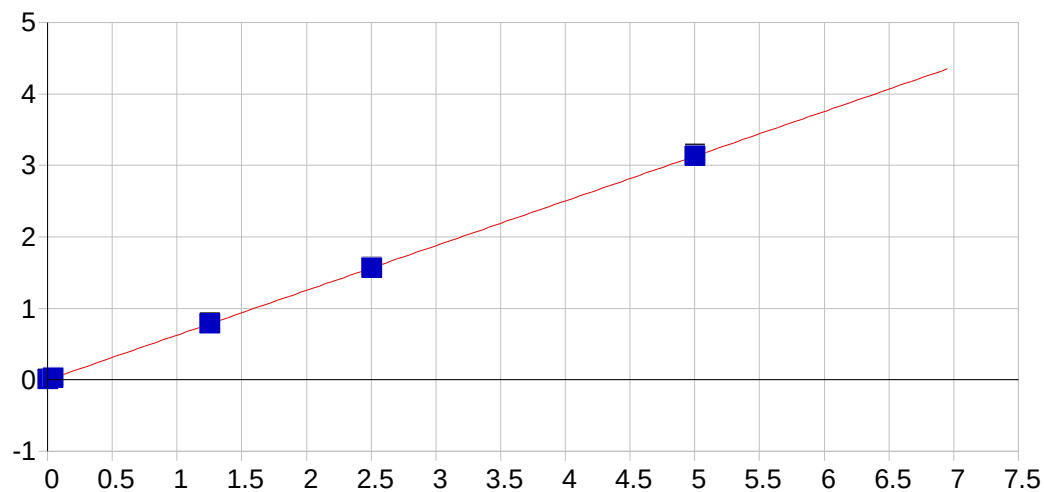


Mg 279.079 {121}

Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000404 Re-Slope: 1.000000
 A1 (Gain): 0.014268 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.028445
 Predicted MQL: 0.094816

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	.00040	.001	1
S2	2.0000	2.0581	.058	2.91	.02977	.001	1
S3	12.500	12.566	.066	.529	.17970	.006	1
S4	25.000	24.552	-.448	-1.79	.35072	.009	1
S5	50.000	50.324	.324	.647	.71844	.009	1



Ni 231.604 {446}

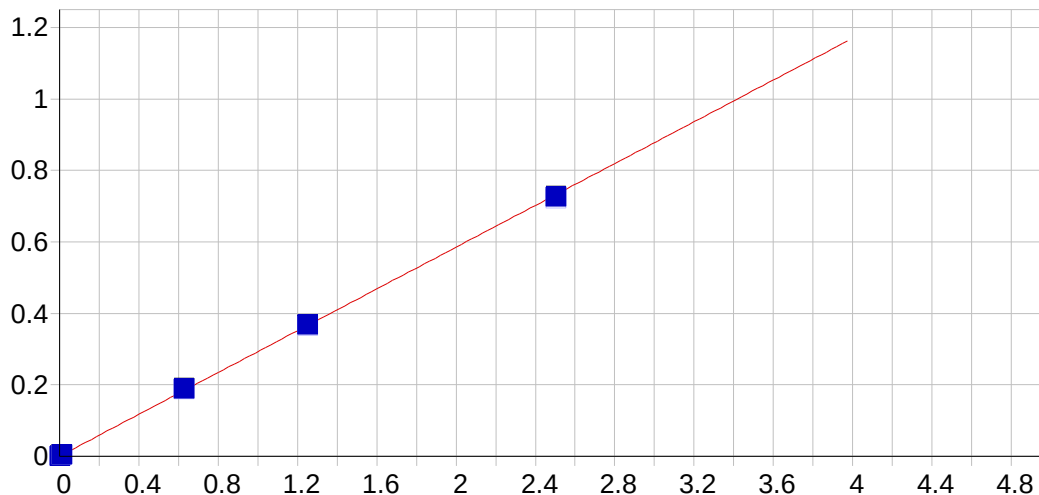
Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000150 Re-Slope: 1.000000
 A1 (Gain): 0.625863 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998
 Std Error of Est: 0.000027
 Predicted MDL: 0.000667
 Predicted MQL: 0.002224

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00015	.000	1
S1	.04000	.04074	.001	1.85	.02539	.000	1
S3	1.2500	1.2460	-.004	-.318	.78102	.010	1
S4	2.5000	2.5003	.000	.010	1.5673	.001	1
S5	5.0000	5.0030	.003	.059	3.1363	.018	1



Ag 328.068 {103}

Date of Fit: 10/18/2019 16:54:20

Type of Fit: Linear

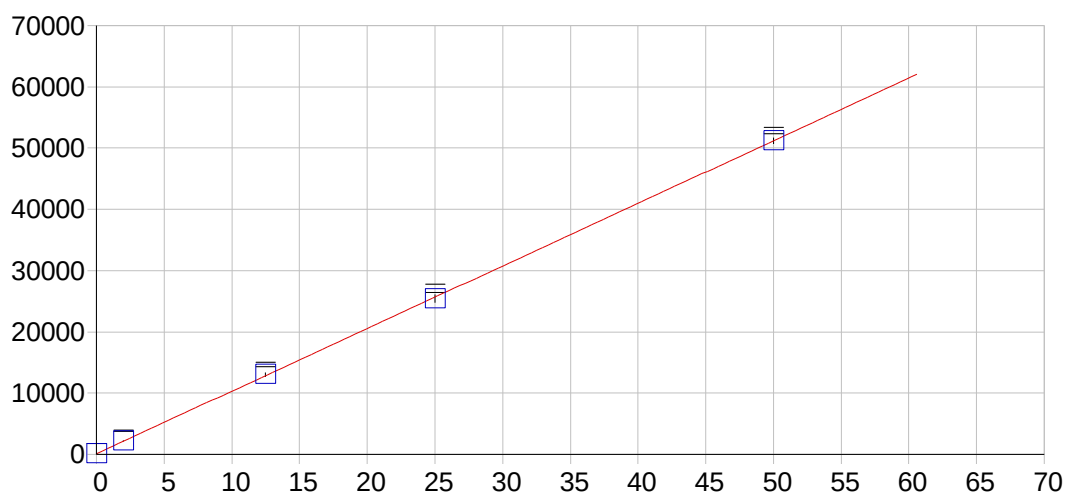
Weighting: 1/Conc

A0 (Offset): 0.000624
 A1 (Gain): 0.292309
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925
 Std Error of Est: 0.000030
 Predicted MDL: 0.000671
 Predicted MQL: 0.002237

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	.00062	.000	1
S1	.01000	.01024	.000	2.38	.00357	.000	1
S3	.62500	.64238	.017	2.78	.18685	.001	1
S4	1.2500	1.2520	.002	.161	.36349	.001	1
S5	2.5000	2.4804	-.020	-.785	.71944	.001	1

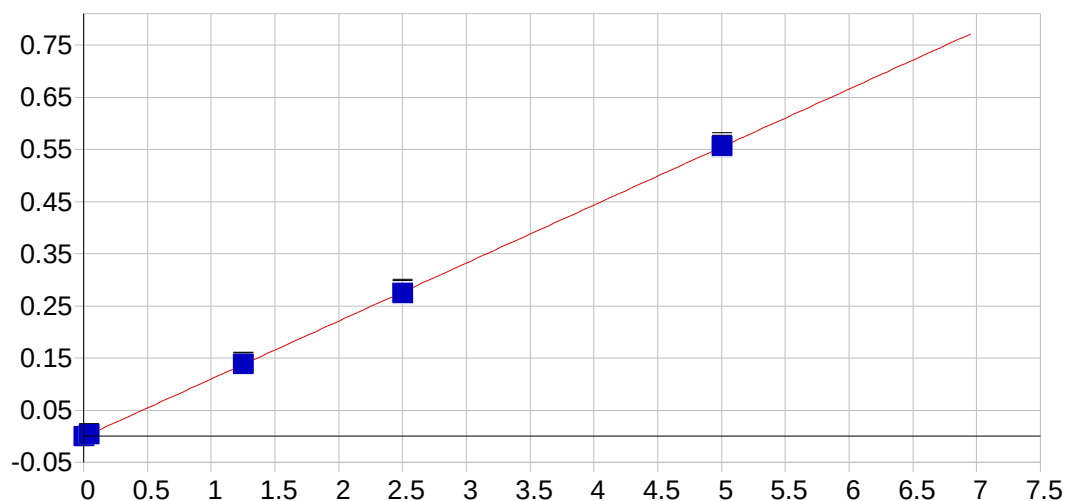


Na 589.592 { 57}

Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 101.593107 Re-Slope: 1.000000
 A1 (Gain): 1021.919542 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 4.130557
 Predicted MDL: 0.010863
 Predicted MQL: 0.036211

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	-.000	.000	101.53	7.73	1
S2	2.0000	2.0561	.056	2.81	2202.8	67.1	1
S3	12.500	12.638	.138	1.11	13017.	342.	1
S4	25.000	24.788	-.212	-.846	25433.	677.	1
S5	50.000	50.017	.017	.034	51215.	551.	1



V 292.402 {115}

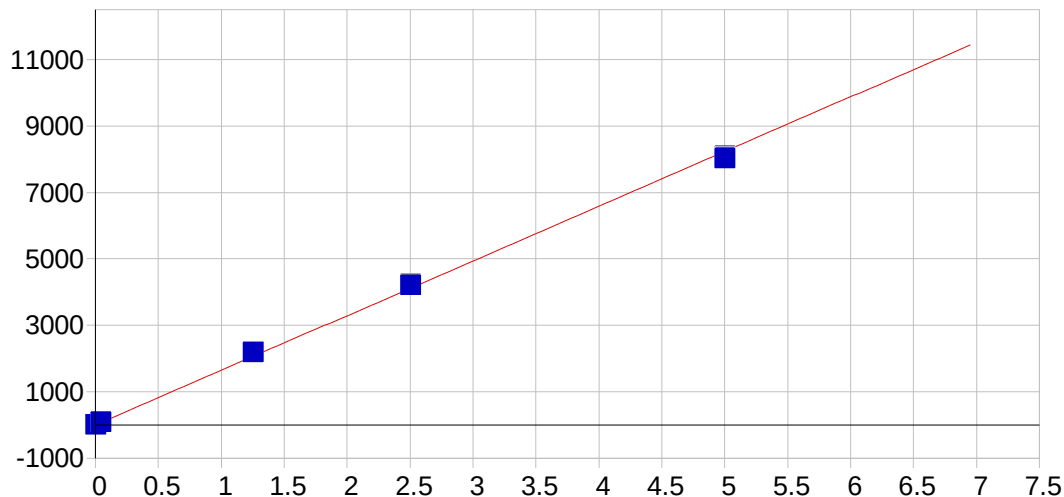
Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001349 Re-Slope: 1.000000
 A1 (Gain): 0.111233 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968
 Std Error of Est: 0.000021
 Predicted MDL: 0.004027
 Predicted MQL: 0.013423

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00135	.000	1
S1	.04000	.04277	.003	6.92	.00334	.000	1
S3	1.2500	1.2539	.004	.309	.13705	.004	1
S4	2.5000	2.4737	-.026	-1.05	.27165	.007	1
S5	5.0000	5.0197	.020	.394	.55271	.005	1

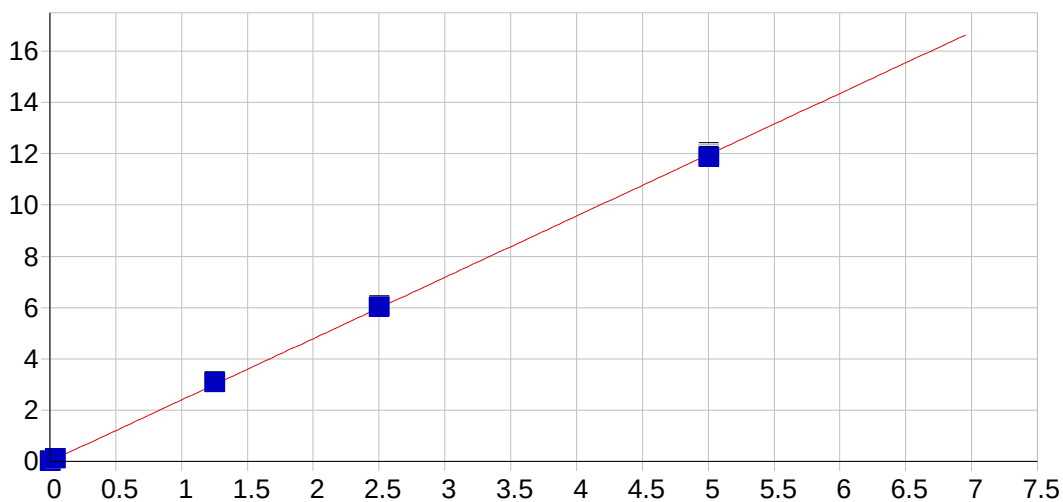


Zn 206.200 {464}

Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.294893 Re-Slope: 1.000000
 A1 (Gain): 1646.095414 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999447 Status: OK.
 Std Error of Est: 1.334190
 Predicted MDL: 0.000359
 Predicted MQL: 0.001196

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.27994	.290	1
S1	.04000	.04700	.007	17.5	78.120	.401	1
S3	1.2500	1.3218	.072	5.74	2190.3	6.96	1
S4	2.5000	2.5522	.052	2.09	4230.1	2.17	1
S5	5.0000	4.8691	-.131	-2.62	8072.5	10.9	1

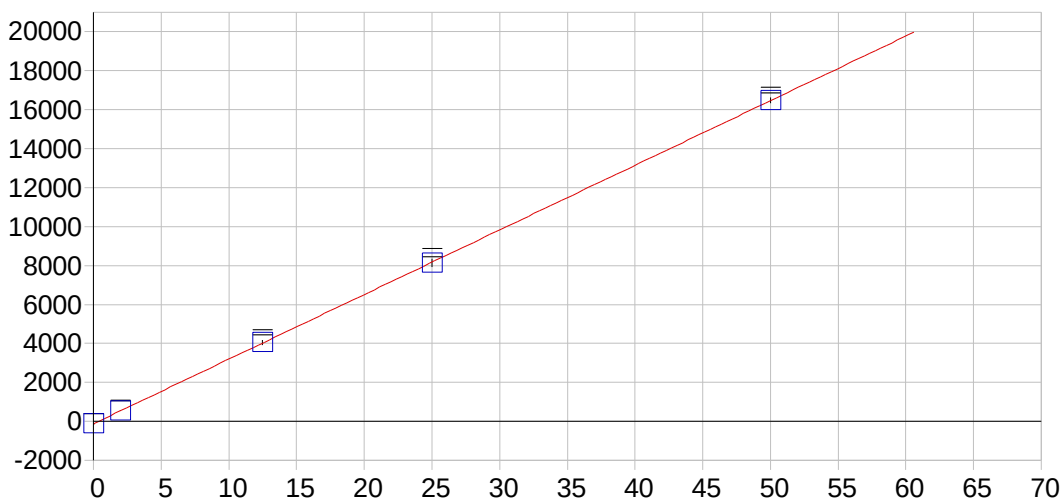


Zn 213.856 {158}

Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004906 Re-Slope: 1.000000
 A1 (Gain): 2.391401 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930 Status: OK.
 Std Error of Est: 0.000690
 Predicted MDL: 0.000466
 Predicted MQL: 0.001552

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00490	.002	1
S1	.04000	.04365	.004	9.14	.10997	.002	1
S3	1.2500	1.2769	.027	2.15	3.0793	.020	1
S4	2.5000	2.5087	.009	.349	6.0459	.031	1
S5	5.0000	4.9607	-.039	-.785	11.951	.080	1



K 766.490 {44}

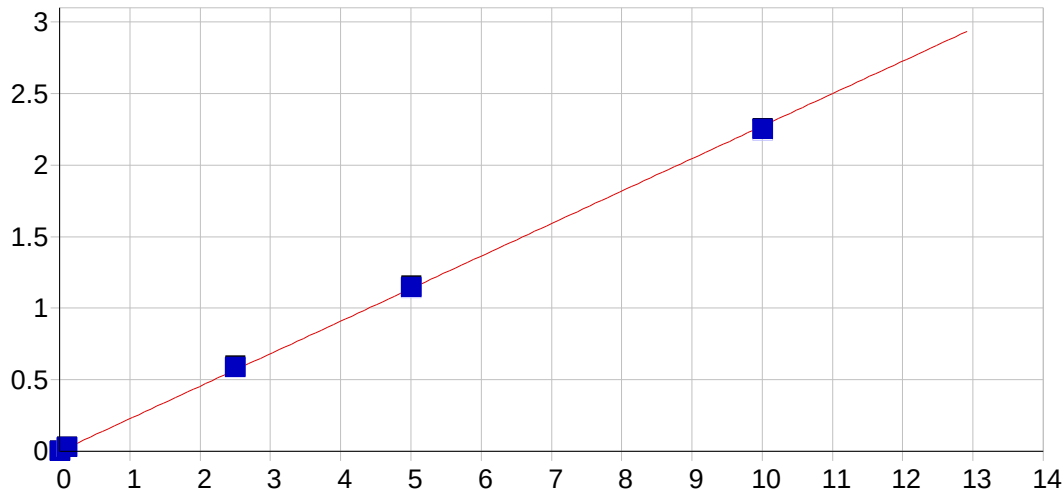
Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -124.383341 Re-Slope: 1.000000
 A1 (Gain): 331.733115 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995
 Std Error of Est: 0.561112
 Predicted MDL: 0.040142
 Predicted MQL: 0.133806

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-124.38	10.4	1
S2	2.0000	1.9899	-.010	-.507	535.72	16.8	1
S3	12.500	12.562	.062	.496	4042.8	126.	1
S4	25.000	24.895	-.105	-.421	8134.0	227.	1
S5	50.000	50.053	.053	.107	16480.	155.	1



B 249.678 {135}

Date of Fit: 10/18/2019 16:54:20

Type of Fit: Linear

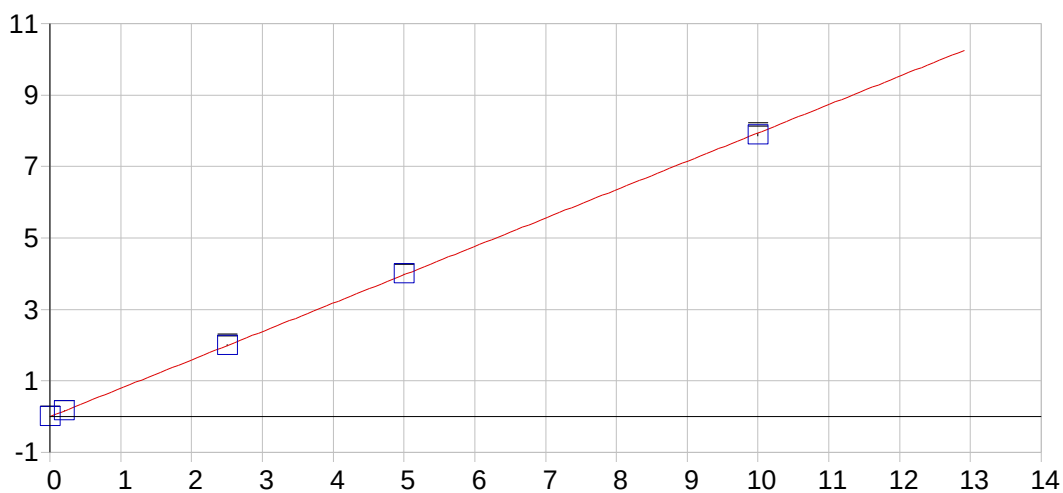
Weighting: 1/Conc

A0 (Offset): 0.000723
 A1 (Gain): 0.227231
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999878
 Std Error of Est: 0.000192
 Predicted MDL: 0.001804
 Predicted MQL: 0.006012

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	.00072	.000	1
S1	.10000	.10860	.009	8.60	.02525	.001	1
S3	2.5000	2.5738	.074	2.95	.58306	.007	1
S4	5.0000	5.0273	.027	.545	1.1380	.013	1
S5	10.000	9.8903	-.110	-1.10	2.2380	.006	1

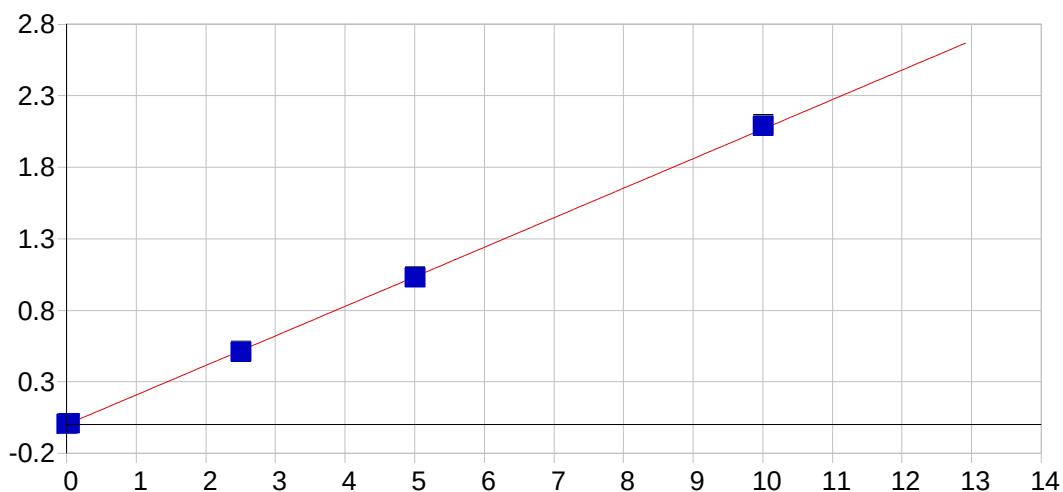


Mo 202.030 {467}

Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000724 Re-Slope: 1.000000
 A1 (Gain): 0.793964 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000562
 Predicted MDL: 0.000431
 Predicted MQL: 0.001436

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00074	.000	1
S1	.20000	.21310	.013	6.55	.16847	.001	1
S3	2.5000	2.5198	.020	.791	1.9999	.034	1
S4	5.0000	5.0265	.026	.529	3.9901	.007	1
S5	10.000	9.9407	-.059	-.593	7.8918	.042	1



Sn 189.989 {478}

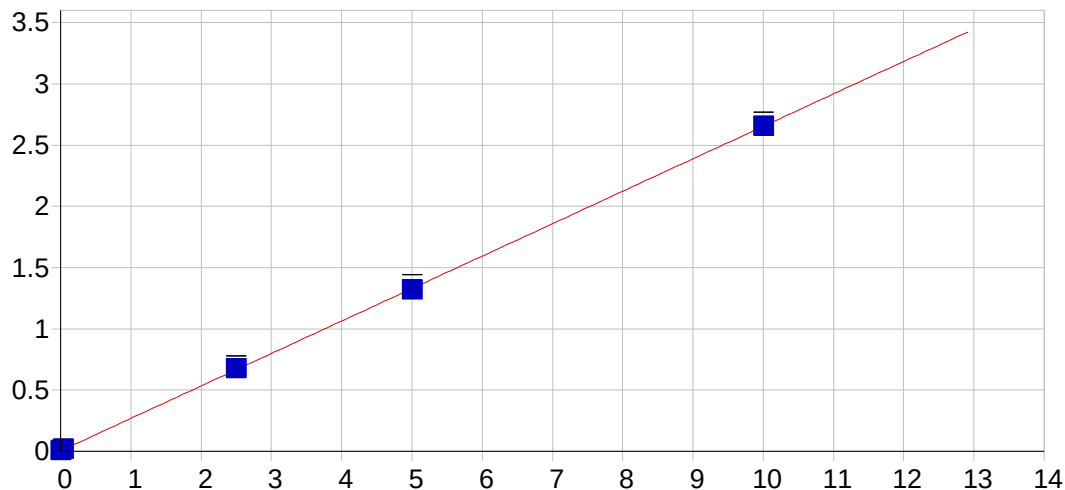
Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000331 Re-Slope: 1.000000
 A1 (Gain): 0.206719 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920
 Std Error of Est: 0.000089
 Predicted MDL: 0.001096
 Predicted MQL: 0.003652

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00033	.000	1
S1	.04000	.03533	-.005	-11.7	.00698	.000	1
S3	2.5000	2.4442	-.056	-2.23	.50522	.006	1
S4	5.0000	4.9695	-.031	-.610	1.0275	.002	1
S5	10.000	10.091	.091	.910	2.0869	.009	1



Ti 336.121 {100}

Date of Fit: 10/18/2019 16:54:20

Type of Fit: Linear

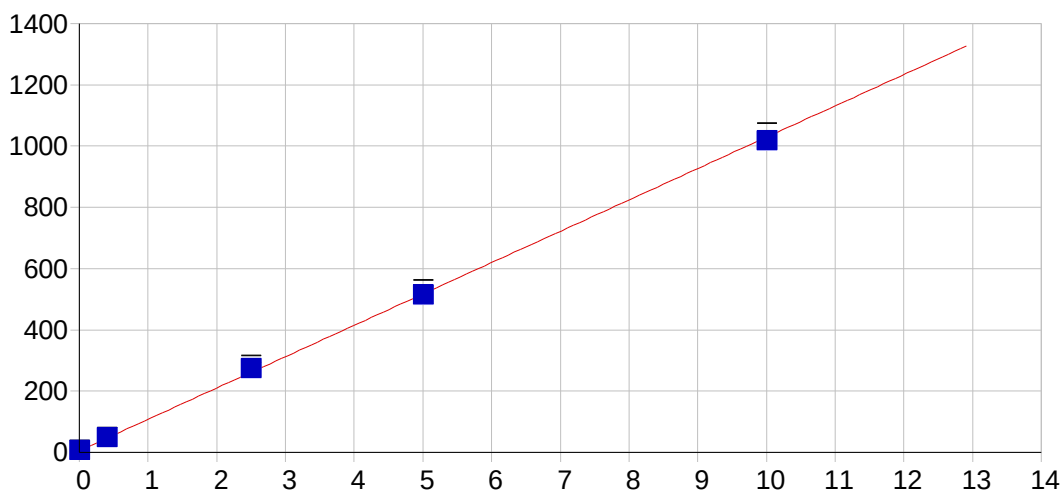
Weighting: 1/Conc

A0 (Offset): 0.004149
 A1 (Gain): 0.264883
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982
 Std Error of Est: 0.000055
 Predicted MDL: 0.001964
 Predicted MQL: 0.006545

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	.00415	.000	1
S1	.04000	.04094	.001	2.35	.01499	.000	1
S3	2.5000	2.5285	.028	1.14	.67382	.021	1
S4	5.0000	4.9623	-.038	-.754	1.3184	.039	1
S5	10.000	10.008	.008	.083	2.6548	.030	1

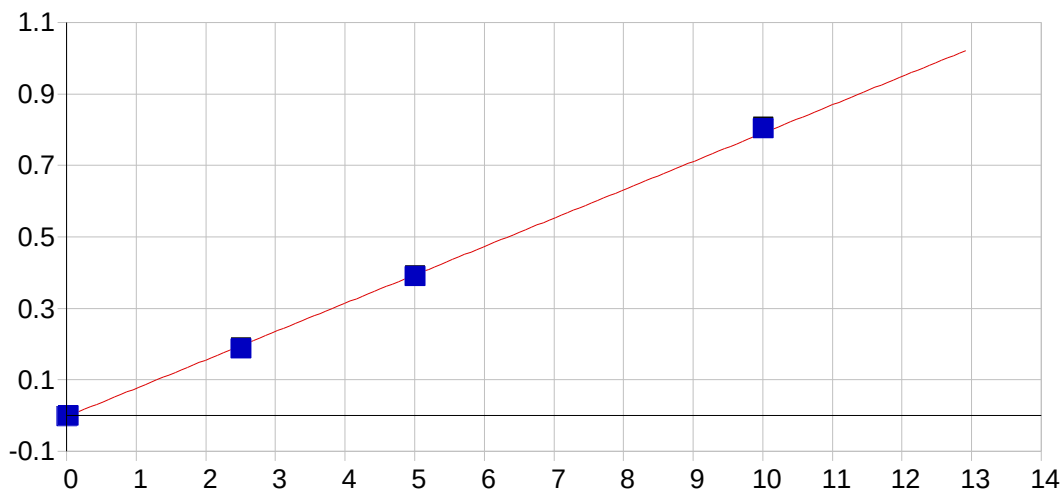


Si 288.158 {117}

Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5.583041 Re-Slope: 1.000000
 A1 (Gain): 102.335861 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999805 Status: OK.
 Std Error of Est: 0.219825
 Predicted MDL: 0.021149
 Predicted MQL: 0.070498

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	5.5803	1.57	1
S1	.40000	.41513	.015	3.78	48.020	.901	1
S3	2.5000	2.6138	.114	4.55	272.22	10.9	1
S4	5.0000	4.9717	-.028	-.565	512.67	16.2	1
S5	10.000	9.8993	-.101	-1.01	1015.2	24.3	1



P 177.495 {490}

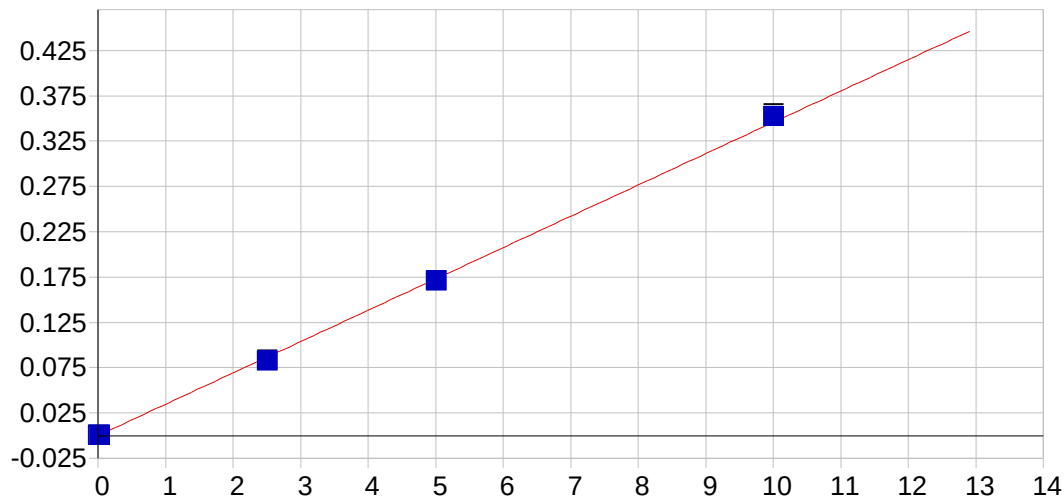
Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002917 Re-Slope: 1.000000
 A1 (Gain): 0.079319 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999779
 Std Error of Est: 0.000040
 Predicted MDL: 0.002461
 Predicted MQL: 0.008203

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00292	.000	1
S1	.02000	.01966	-.000	-1.68	-.00136	.000	1
S3	2.5000	2.3956	-.104	-4.18	.18681	.002	1
S4	5.0000	4.9414	-.059	-1.17	.38845	.001	1
S5	10.000	10.163	.163	1.63	.80209	.004	1



S 182.034 {485}

Date of Fit: 10/18/2019 16:54:20

Type of Fit: Linear

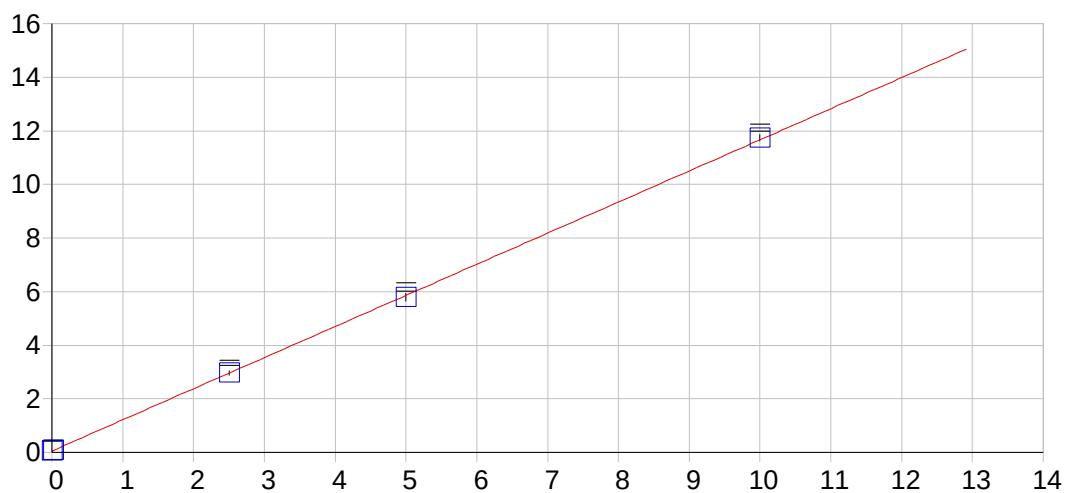
Weighting: 1/Conc

A0 (Offset): 0.000074
 A1 (Gain): 0.034556
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999622
 Std Error of Est: 0.000023
 Predicted MDL: 0.005389
 Predicted MQL: 0.017963

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	.00007	.000	1
S1	.02000	.01239	-.008	-38.0	.00048	.000	1
S3	2.5000	2.3815	-.118	-4.74	.08230	.001	1
S4	5.0000	4.9314	-.069	-1.37	.17035	.000	1
S5	10.000	10.194	.194	1.94	.35209	.002	1

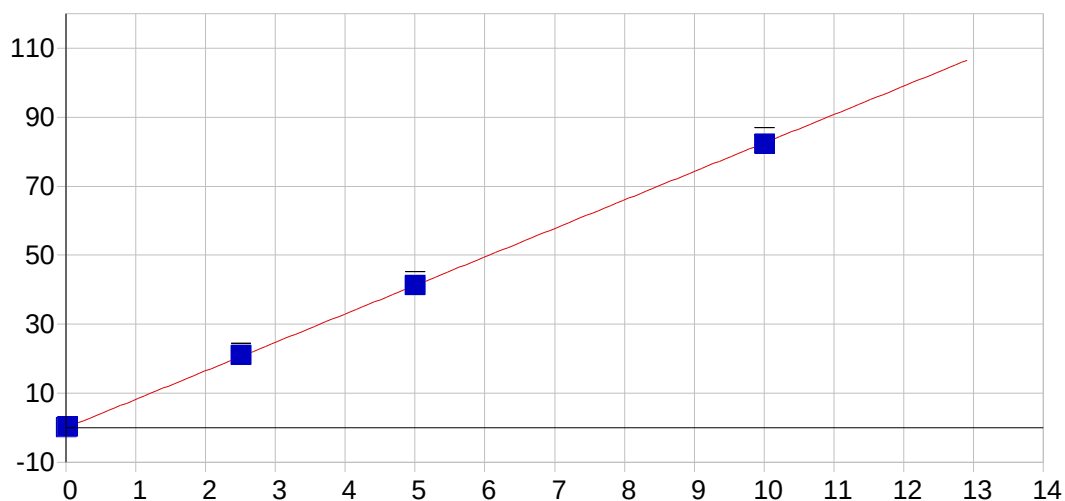


Li 670.784 { 50}

Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.053590 Re-Slope: 1.000000
 A1 (Gain): 1.160928 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000239
 Predicted MDL: 0.001572
 Predicted MQL: 0.005239

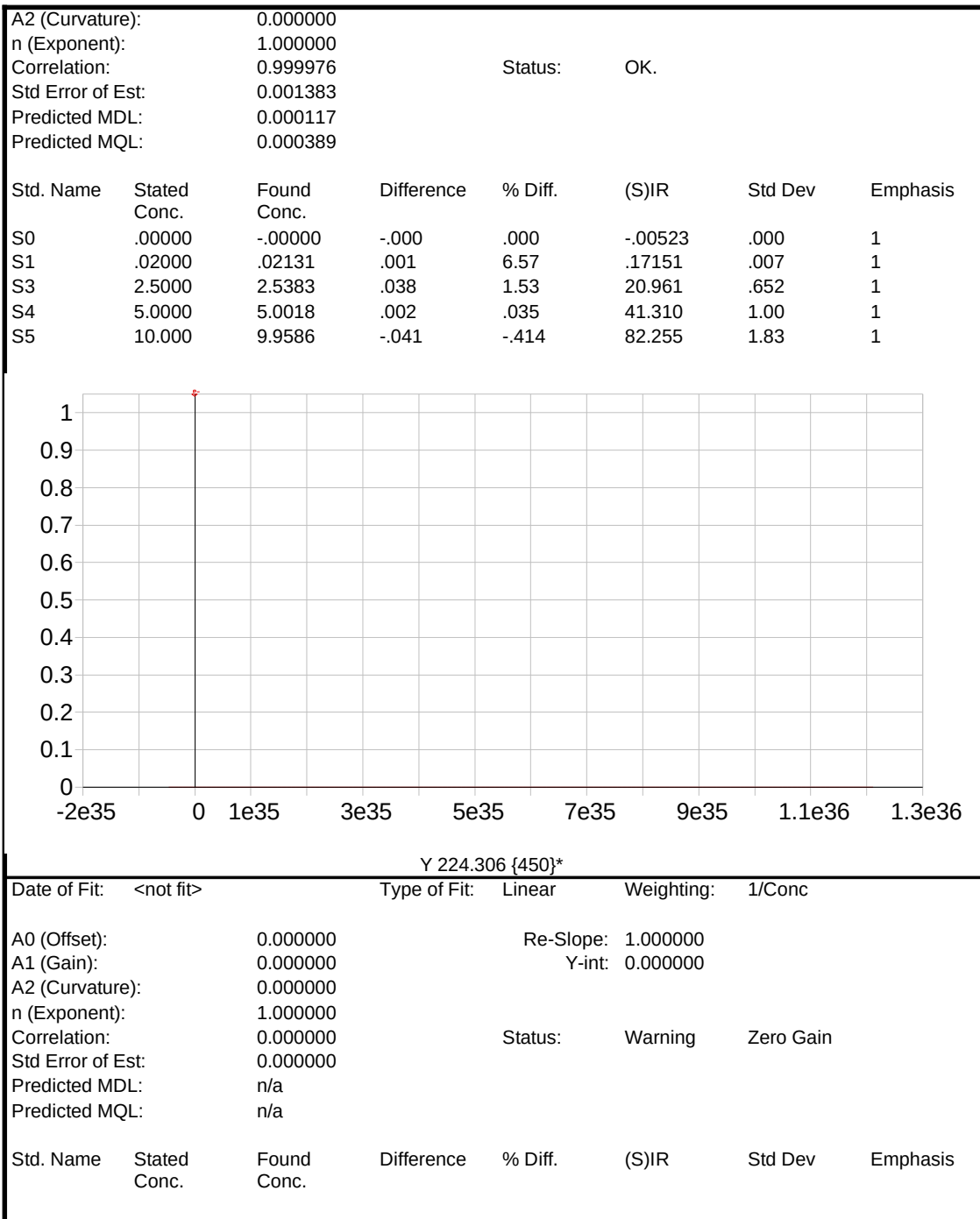
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.05359	.002	1
S5	10.000	10.057	.057	.566	11.729	.131	1
S4	5.0000	4.9326	-.067	-1.35	5.7800	.155	1
S3	2.5000	2.5108	.011	.430	2.9684	.096	1
S1	.02000	.02003	.000	.168	.07685	.002	1

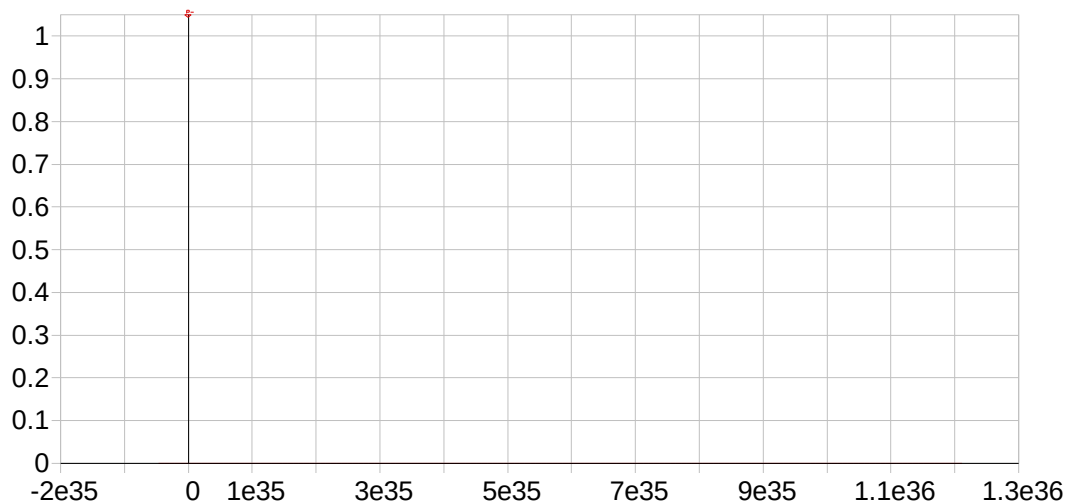


Sr 407.771 { 83}

Date of Fit: 10/18/2019 16:54:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005218 Re-Slope: 1.000000
 A1 (Gain): 8.251464 Y-int: 0.000000





Y 360.073 { 94}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

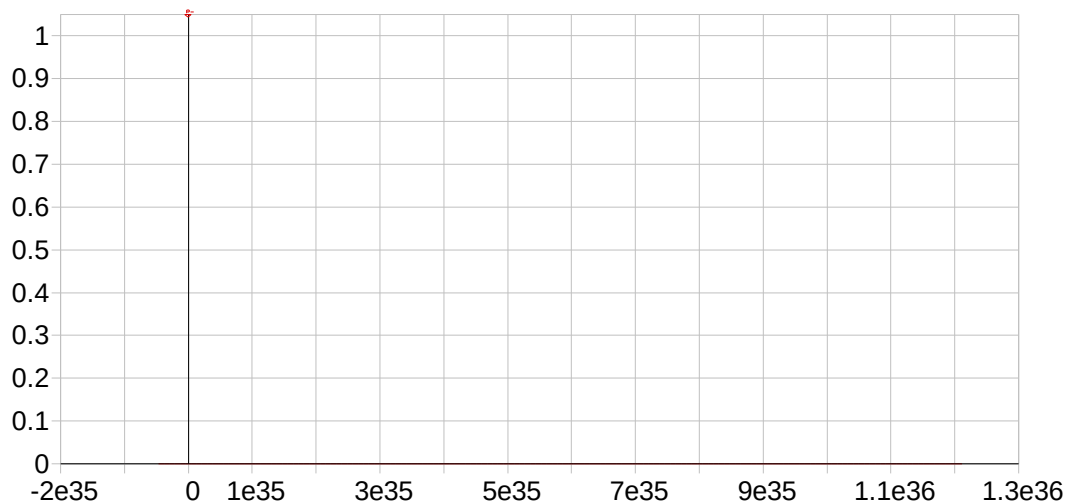
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Y 371.030 { 91}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

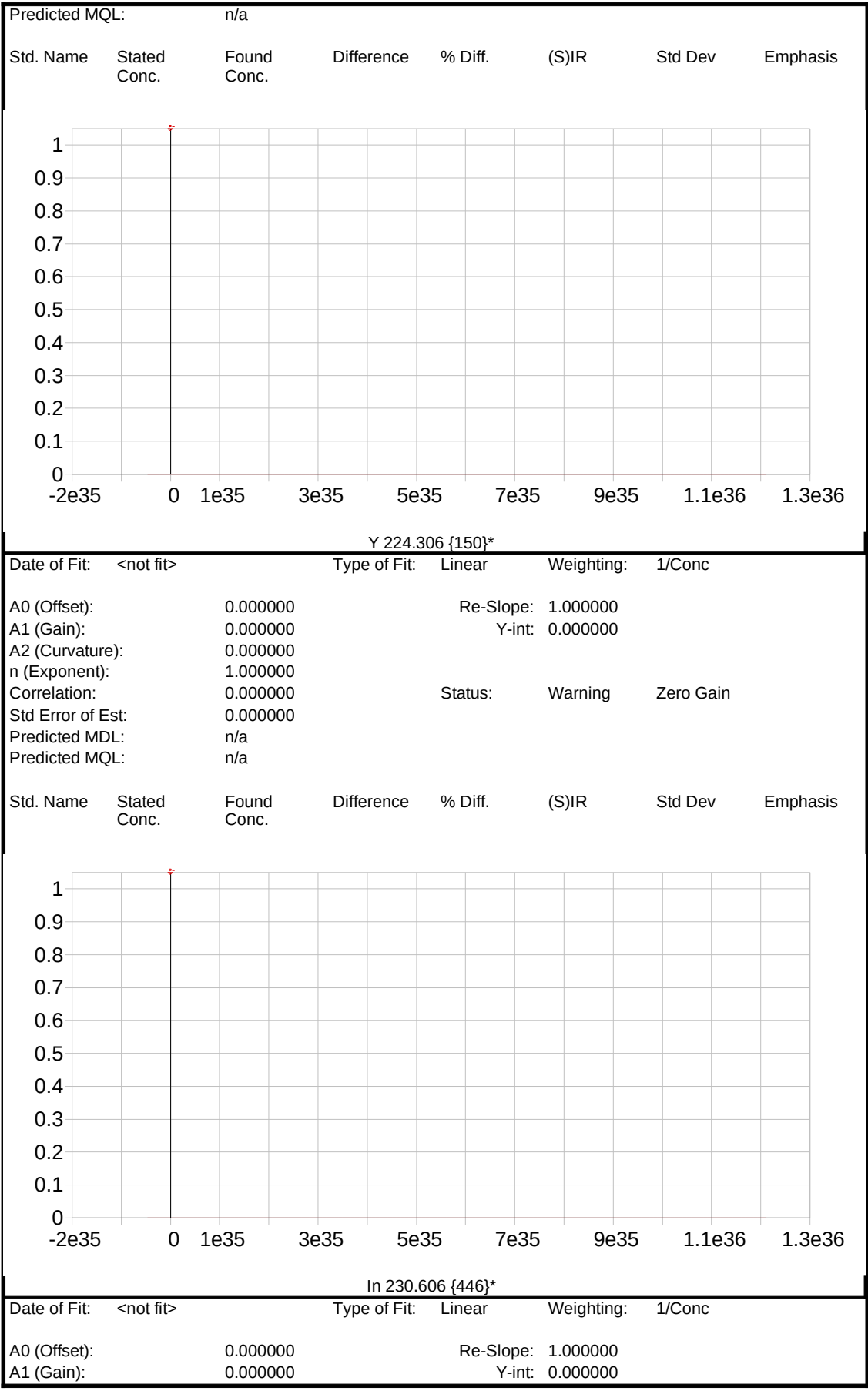
n (Exponent): 1.000000

Correlation: 0.000000

Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a



A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

Sample Name: S0 Acquired: 10/18/2019 12:12:37 Type: Cal
Method: NON EPA-6010-200.7(v42) 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	.00081	.00053	-.00153	-.00013	.00135	.00340	.03464	-.00036
Stddev	.00011	.00028	.00013	.00011	.00017	.00083	.00174	.00036
%RSD	13.866	52.542	8.6467	85.451	12.249	24.505	5.0108	99.719

#1	.00093	.00031	-.00153	-.00020	.00133	.00435	.03614	-.00031
#2	.00071	.00084	-.00166	-.00018	.00152	.00307	.03274	-.00075
#3	.00079	.00044	-.00140	-.00000	.00120	.00278	.03505	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-4.354	.00134	.00005	-.00117	2.568	2.071	.00026	.00040
Stddev	.411	.00082	.00018	.00019	.116	1.508	.00036	.00074
%RSD	9.450	61.311	367.46	16.214	4.515	72.83	138.71	183.45

#1	-4.268	.00042	.00000	-.00134	2.619	3.808	.00052	-.00045
#2	-4.802	.00198	-.00011	-.00096	2.435	1.100	.00041	.00087
#3	-3.993	.00161	.00025	-.00120	2.650	1.304	-.00015	.00079

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00015	.00062	101.5	-.00135	.00490	-124.4	.00072	-.00074
Stddev	.00027	.00007	7.7	.00026	.00165	10.4	.00046	.00018
%RSD	178.66	10.569	7.617	19.489	33.723	8.388	63.397	25.111

#1	-.00013	.00059	93.23	-.00127	.00363	-127.2	.00032	-.00052
#2	.00011	.00070	102.8	-.00114	.00429	-133.1	.00122	-.00086
#3	-.00043	.00058	108.5	-.00164	.00676	-112.8	.00063	-.00082

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	-.00033	.00415	5.580	-.00292	.00007	.05359	-.00523	
Stddev	.00019	.00046	1.569	.00027	.00015	.00176	.00032	
%RSD	59.010	11.125	28.11	9.3165	203.73	3.2921	6.0679	

#1	-.00030	.00373	6.385	-.00299	.00001	.05509	-.00514	
#2	-.00054	.00408	6.583	-.00262	-.00003	.05404	-.00558	
#3	-.00015	.00464	3.773	-.00314	.00025	.05164	-.00497	

Sample Name: S0 Acquired: 10/18/2019 12:12:37 Type: Cal
Method: NON EPA-6010-200.7(v42) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1664.5	22729.	5130.4	1165.9	1905.6
Stddev	5.5	102.	14.2	8.6	5.7
%RSD	.33169	.45087	.27658	.73668	.29690
#1	1660.9	22819.	5114.1	1170.8	1900.1
#2	1670.8	22752.	5138.3	1170.8	1911.4
#3	1661.7	22617.	5139.0	1155.9	1905.1

Sample Name: S1 Acquired: 10/18/2019 12:16:40 Type: Cal
Method: NON EPA-6010-200.7(v42) 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	.00228	.00501	.00057	.00169	.00926	.01002	.33441	.02206
Stddev	.00021	.00034	.00041	.00018	.00023	.00037	.01133	.00059
%RSD	9.1716	6.7543	72.401	10.448	2.4522	3.7380	3.3883	2.6761

#1	.00248	.00481	.00103	.00181	.00905	.01035	.32133	.02144
#2	.00206	.00540	.00023	.00178	.00950	.00961	.34080	.02261
#3	.00229	.00483	.00044	.00149	.00925	.01009	.34110	.02212

Elem	Cd2265	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	15.79	.00246	.02257	26.48	25.13	.01314	.02539	.00357
Stddev	.32	.00019	.00038	.13	.85	.00078	.00040	.00026
%RSD	2.015	7.5677	1.6668	.4806	3.367	5.8988	1.5859	7.3973

#1	16.15	.00229	.02214	26.60	24.73	.01225	.02507	.00327
#2	15.65	.00266	.02276	26.35	24.56	.01364	.02527	.00378
#3	15.56	.00245	.02282	26.48	26.10	.01354	.02585	.00365

Elem	V_2924	Zn2138	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00334	.10997	.02525	.16847	.00698	.01499	48.02	-.00136
Stddev	.00021	.00192	.00069	.00128	.00024	.00049	.90	.00008
%RSD	6.3619	1.7431	2.7380	.76186	3.4707	3.2502	1.877	5.9416

#1	.00321	.11141	.02475	.16699	.00670	.01455	47.28	-.00146
#2	.00358	.11072	.02604	.16928	.00710	.01489	49.02	-.00131
#3	.00322	.10780	.02497	.16914	.00712	.01551	47.76	-.00132

Elem	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.00048	.07685	.17151
Stddev	.00003	.00224	.00671
%RSD	5.6438	2.9126	3.9099

#1	.00046	.07484	.16388
#2	.00048	.07926	.17418
#3	.00051	.07644	.17648

Sample Name: S1 Acquired: 10/18/2019 12:16:40 Type: Cal
Method: NON EPA-6010-200.7(v42) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1682.2	22884.	5163.9	1169.8	1924.1
Stddev	6.6	20.	49.1	3.1	11.5
%RSD	.38980	.08872	.95061	.26900	.59518
#1	1686.7	22871.	5214.2	1168.3	1931.2
#2	1685.2	22908.	5116.1	1167.7	1930.2
#3	1674.7	22874.	5161.4	1173.4	1910.9

Sample Name: S2 Acquired: 10/18/2019 12:20:43 Type: Cal
Method: NON EPA-6010-200.7(v42) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.09973	.02977	2203.	535.7
Stddev	.00335	.00061	67.	16.8
%RSD	3.3612	2.0476	3.048	3.135

#1	.09588	.02939	2127.	516.4
#2	.10134	.03047	2228.	544.5
#3	.10197	.02944	2253.	546.3

Int. Std.	Y_3710
Units	Cts/S
Avg	5176.6
Stddev	38.0
%RSD	.73439

#1	5205.3
#2	5133.5
#3	5190.9

Sample Name: S3 Acquired: 10/18/2019 12:24:42 Type: Cal
Method: NON EPA-6010-200.7(v42) 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	.18488	.29082	.43407	.18637	.36426	.31097	14.685	.42976
Stddev	.00262	.00261	.00585	.00213	.00412	.00964	.447	.00479
%RSD	1.4149	.89797	1.3475	1.1432	1.1302	3.1015	3.0423	1.1138

#1	.18679	.29343	.43699	.18836	.36692	.30015	14.172	.42443
#2	.18190	.28820	.42734	.18412	.35952	.31411	14.892	.43118
#3	.18596	.29083	.43788	.18661	.36635	.31865	14.991	.43368

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3843.	.59530	.12006	.99692	647.2	538.7	.73103	.17970
Stddev	8.	.01861	.00010	.01154	2.1	11.1	.02189	.00613
%RSD	.2128	3.1255	.08633	1.1579	.3298	2.058	2.9938	3.4124

#1	3838.	.57416	.11995	1.0040	649.3	526.2	.70660	.17262
#2	3853.	.60252	.12014	.98361	647.3	542.2	.73765	.18320
#3	3839.	.60921	.12010	1.0031	645.0	547.5	.74884	.18328

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.78102	.18685	13020.	.13705	3.0793	4043.	.58306	1.9999
Stddev	.00972	.00078	342.	.00379	.0203	127.	.00717	.0339
%RSD	1.2441	.41694	2.626	2.7647	.65776	3.128	1.2291	1.6940

#1	.78524	.18765	12630.	.13268	3.0779	3903.	.57479	2.0269
#2	.76990	.18679	13170.	.13900	3.1002	4078.	.58746	1.9619
#3	.78790	.18609	13250.	.13945	3.0597	4148.	.58693	2.0109

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.50522	.67382	272.2	.18681	.08230	2.9684	20.961	
Stddev	.00603	.02063	10.9	.00184	.00071	.0964	.652	
%RSD	1.1942	3.0620	4.000	.98530	.86012	3.2463	3.1101	

#1	.51016	.65031	259.7	.18811	.08289	2.8579	20.211	
#2	.49849	.68228	278.1	.18470	.08152	3.0122	21.280	
#3	.50700	.68888	278.9	.18762	.08250	3.0351	21.391	

Sample Name: S3 Acquired: 10/18/2019 12:24:42 Type: Cal
Method: NON EPA-6010-200.7(v42) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1677.3	22220.	5217.8	1134.2	1837.1
Stddev	23.5	73.	35.5	10.0	21.6
%RSD	1.4037	.33013	.68111	.88254	1.1768
#1	1668.3	22163.	5258.7	1132.1	1831.0
#2	1704.0	22195.	5194.5	1125.4	1861.1
#3	1659.5	22303.	5200.3	1145.1	1819.2

Sample Name: S4 Acquired: 10/18/2019 12:28:29 Type: Cal
Method: NON EPA-6010-200.7(v42) 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	.37164	.58641	.87691	.37640	.72914	.60671	28.923	.84120
Stddev	.00139	.00122	.00151	.00100	.00073	.01142	.765	.00841
%RSD	.37304	.20810	.17174	.26471	.10073	1.8827	2.6450	.99971

#1	.37279	.58504	.87517	.37754	.72978	.59352	28.044	.83421
#2	.37203	.58738	.87772	.37570	.72834	.61349	29.435	.85053
#3	.37010	.58682	.87784	.37597	.72931	.61311	29.291	.83886

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7440.	1.1620	.23648	2.0006	1241.	1048.	1.4231	.35072
Stddev	5.	.0314	.00026	.0008	4.	27.	.0443	.00930
%RSD	.0611	2.7047	.11070	.03776	.3601	2.619	3.1110	2.6523

#1	7440.	1.1257	.23671	2.0015	1242.	1018.	1.3720	.34011
#2	7436.	1.1812	.23653	2.0000	1236.	1054.	1.4475	.35455
#3	7445.	1.1790	.23619	2.0003	1244.	1071.	1.4498	.35750

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.5673	.36349	25430.	.27165	6.0459	8134.	1.1380	3.9901
Stddev	.0014	.00117	677.	.00747	.0312	228.	.0130	.0069
%RSD	.09193	.32180	2.662	2.7493	.51544	2.797	1.1444	.17313

#1	1.5661	.36444	24660.	.26304	6.0459	7892.	1.1278	3.9981
#2	1.5669	.36218	25700.	.27560	6.0147	8167.	1.1527	3.9867
#3	1.5689	.36385	25940.	.27632	6.0770	8343.	1.1336	3.9855

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.0275	1.3184	512.7	.38845	.17035	5.7800	41.310	
Stddev	.0022	.0391	16.2	.00134	.00046	.1546	1.003	
%RSD	.21362	2.9690	3.157	.34464	.27171	2.6744	2.4287	

#1	1.0250	1.2732	495.9	.38779	.17087	5.6020	40.154	
#2	1.0291	1.3418	513.9	.38757	.17020	5.8805	41.957	
#3	1.0285	1.3402	528.2	.38999	.16998	5.8576	41.819	

Sample Name: S4 Acquired: 10/18/2019 12:28:29 Type: Cal
Method: NON EPA-6010-200.7(v42) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1635.1	21940.	5216.6	1124.4	1753.7
Stddev	2.2	54.	48.8	5.3	1.4
%RSD	.13452	.24789	.93628	.46989	.08206
#1	1632.8	21878.	5239.8	1119.7	1755.3
#2	1635.3	21974.	5160.5	1130.1	1753.3
#3	1637.2	21969.	5249.6	1123.5	1752.5

Sample Name: S5 Acquired: 10/18/2019 12:32:11 Type: Cal
Method: NON EPA-6010-200.7(v42) 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	.73659	1.1710	1.7724	.73524	1.4414	1.2403	57.281	1.6566
Stddev	.00321	.0061	.0064	.00360	.0095	.0195	2.119	.0025
%RSD	.43546	.52396	.36291	.49023	.65868	1.5724	3.7001	.15074

#1	.73776	1.1759	1.7729	.73746	1.4446	1.2209	54.869	1.6595
#2	.73905	1.1730	1.7785	.73719	1.4488	1.2399	58.125	1.6556
#3	.73296	1.1642	1.7657	.73108	1.4307	1.2599	58.848	1.6548

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	14270.	2.3478	.46511	4.0587	2385.	2082.	2.8340	.71844
Stddev	17.	.0275	.00017	.0167	8.	27.	.0303	.00927
%RSD	.1179	1.1698	.03759	.41139	.3195	1.277	1.0710	1.2902

#1	14270.	2.3175	.46522	4.0641	2385.	2058.	2.8016	.70870
#2	14280.	2.3547	.46520	4.0721	2393.	2078.	2.8388	.71946
#3	14250.	2.3711	.46491	4.0400	2378.	2111.	2.8617	.72715

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.1363	.71944	51210.	.55271	11.951	16480.	2.2380	7.8918
Stddev	.0178	.00120	551.	.00515	.080	155.	.0062	.0418
%RSD	.56798	.16676	1.077	.93129	.66929	.9378	.27802	.52987

#1	3.1444	.71876	50590.	.54709	12.003	16300.	2.2409	7.9012
#2	3.1486	.72083	51450.	.55383	11.992	16540.	2.2309	7.9281
#3	3.1159	.71874	51610.	.55720	11.859	16590.	2.2423	7.8461

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.0869	2.6548	1015.	.80209	.35209	11.729	82.255	
Stddev	.0087	.0297	24.	.00359	.00225	.131	1.832	
%RSD	.41735	1.1190	2.396	.44749	.63928	1.1139	2.2275	

#1	2.0882	2.6229	989.5	.80179	.35245	11.584	80.219	
#2	2.0948	2.6599	1018.	.80581	.35414	11.764	82.772	
#3	2.0776	2.6817	1038.	.79865	.34968	11.838	83.772	

Sample Name: S5 Acquired: 10/18/2019 12:32:11 Type: Cal
Method: NON EPA-6010-200.7(v42) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1609.2	21585.	5159.9	1093.7	1667.4
Stddev	7.0	24.	9.6	11.0	7.2
%RSD	.43337	.11235	.18523	1.0073	.43148
#1	1605.1	21564.	5154.0	1083.2	1663.9
#2	1605.3	21579.	5171.0	1092.7	1662.6
#3	1617.3	21611.	5154.9	1105.2	1675.6

Sample Name: ICV01 Acquired: 10/18/2019 12:36:08 Type: Unk
Method: NON EPA-6010-200.7(v42) 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	.9997974	.9840055	.9966316	.9899913	.9913967	2.520195
Stddev	.0029089	.0005199	.0030053	.0027858	.0028704	.079989
%RSD	.2909530	.0528317	.3015458	.2813915	.2895350	3.173921

#1	1.001074	.9844357	.9981069	.9870979	.9916877	2.435939
#2	.996468	.9834278	.9931737	.9926552	.9883919	2.529552
#3	1.001850	.9841530	.9986141	.9902208	.9941106	2.595094

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5099375	.5036163	.5342471	10.11942	.5033974	.4926547
Stddev	.0116217	.0052874	.0006575	.38438	.0032103	.0011485
%RSD	2.279048	1.049886	.1230782	3.798468	.6377289	.2331309

#1	.4965358	.4976935	.5337808	9.67817	.5041940	.4924544
#2	.5160381	.5052946	.5339614	10.29851	.4998638	.4916196
#3	.5172386	.5078609	.5349992	10.38158	.5061344	.4938903

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5078587	5.133792	.5114642	5.992095	.4963747	.4615579
Stddev	.0007251	.136229	.0154374	.186288	.0019766	.0017685
%RSD	.1427777	2.653577	3.018281	3.108896	.3982167	.3831608

#1	.5073660	4.983029	.4937595	5.777279	.4942027	.4596047
#2	.5086913	5.170295	.5185220	6.109188	.4980680	.4620186
#3	.5075188	5.248050	.5221112	6.089817	.4968534	.4630505

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.01857	.4936519	1.017707	10.01396	2.623630	2.577877
Stddev	.23715	.0165948	.003499	.23091	.023024	.014511
%RSD	2.367084	3.361632	.3437641	2.305903	.8775687	.5628902

#1	9.75485	.4748137	1.014508	9.75657	2.599730	2.561340
#2	10.08658	.5000334	1.021443	10.08238	2.625494	2.588483
#3	10.21429	.5061086	1.017171	10.20292	2.645666	2.583806

Sample Name: ICV01 Acquired: 10/18/2019 12:36:08 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.436982	2.518177	2.538014	F .0023870	F -.011517	F -.001319
Stddev	.004464	.075209	.081600	.0019530	.001996	.000862
%RSD	.1831636	2.986630	3.215098	81.81779	17.32738	65.35357

#1	2.431840	2.431339	2.443989	.0046102	-.011239	-.002314
#2	2.439854	2.560743	2.590319	.0016030	-.013637	-.000865
#3	2.439253	2.562449	2.579733	.0009478	-.009675	-.000780

Elem	Sr4077
Units	ppm
Avg	F .0067812
Stddev	.0000748
%RSD	1.103440

#1	.0068559
#2	.0067814
#3	.0067063

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1668.984	22593.52	5229.692	1152.507	1873.791
Stddev	5.094	58.42	44.306	.694	2.567
%RSD	.3052319	.2585790	.8472004	.0602095	.1369933

#1	1674.853	22611.75	5280.794	1152.501	1874.994
#2	1666.402	22640.65	5206.243	1151.816	1870.844
#3	1665.698	22528.16	5202.038	1153.204	1875.536

Sample Name: LLICV01 Acquired: 10/18/2019 12:44:13 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180955	.0391703	.0107973	.0237240	.0535057	.1020199
Stddev	.0018048	.0040972	.0005262	.0095884	.0001486	.0081558
%RSD	9.973632	10.45994	4.873652	40.41641	.2777687	7.994332

#1	.0193032	.0384462	.0111196	.0195254	.0534580	.1077529
#2	.0189625	.0435813	.0110821	.0169511	.0536723	.1056238
#3	.0160208	.0354835	.0101900	.0346955	.0533868	.0926829

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1045635	.0065898	.0068313	2.055493	.0109592	.0299848
Stddev	.0032716	.0003768	.0001023	.060807	.0001886	.0000143
%RSD	3.128816	5.717431	1.497218	2.958262	1.721221	.0475366

#1	.1008873	.0066076	.0069165	1.985801	.0109551	.0299705
#2	.1056483	.0062045	.0068596	2.097737	.0111498	.0299847
#3	.1071549	.0069574	.0067179	2.082941	.0107726	.0299990

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234104	.1103145	.0216335	2.083917	.0411928	.0106304
Stddev	.0008727	.0045816	.0016374	.102635	.0002565	.0002162
%RSD	3.727671	4.153196	7.568753	4.925124	.6228101	2.033416

#1	.0224711	.1124662	.0202358	1.967261	.0410593	.0103994
#2	.0235641	.1134241	.0212296	2.160344	.0410306	.0108279
#3	.0241960	.1050531	.0234350	2.124145	.0414886	.0106639

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.040522	.0438060	.0441494	2.035432	.1099943	.2120505
Stddev	.045864	.0021643	.0005914	.060363	.0038261	.0006034
%RSD	2.247666	4.940709	1.339560	2.965587	3.478421	.2845784

#1	1.988627	.0455931	.0446130	1.966903	.1056465	.2116647
#2	2.057325	.0444254	.0434833	2.080718	.1114893	.2117409
#3	2.075616	.0413995	.0443517	2.058675	.1128472	.2127459

Sample Name: LLICV01 Acquired: 10/18/2019 12:44:13 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0382294	.0408133	.4170977	.0189507	F .0136257	.0183179
Stddev	.0006191	.0015511	.0138113	.0004216	.0011420	.0030002
%RSD	1.619379	3.800380	3.311294	2.224484	8.381332	16.37832

#1	.0381279	.0391135	.4040822	.0185396	.0144507	.0148675
#2	.0376674	.0421519	.4156242	.0189305	.0123222	.0203110
#3	.0388930	.0411745	.4315867	.0193820	.0141041	.0197753

Elem	Sr4077
Units	ppm
Avg	.0213907
Stddev	.0006007
%RSD	2.808212

#1	.0207197
#2	.0215737
#3	.0218786

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1673.122	22319.54	5212.382	1144.555	1905.595
Stddev	1.656	18.04	21.791	12.646	.540
%RSD	.0989620	.0808199	.4180651	1.104875	.0283315

#1	1673.728	22321.72	5237.228	1130.286	1906.172
#2	1674.389	22336.38	5203.409	1154.376	1905.511
#3	1671.248	22300.50	5196.511	1149.004	1905.102

Sample Name: ICB01 Acquired: 10/18/2019 12:48:17 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012822	-.002352	-.001917	-.001836	.0002732	.0054134	.0000238
Stddev	.0031973	.000834	.000781	.003323	.0023294	.0083854	.0003763
%RSD	249.3501	35.45224	40.71518	180.9849	852.7454	154.8998	1583.457

#1	.0048628	-.002213	-.001144	-.005306	-.002331	.0139455	.0001349
#2	-.001287	-.003247	-.001902	-.001519	.002158	.0051120	-.000396
#3	.000271	-.001597	-.002705	.001317	.000992	-.002817	.000332

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000017	.0000325	-.003847	-.000022	-.000134	-.000537	-.004770
Stddev	.000126	.0000379	.012409	.000702	.000468	.000100	.003859
%RSD	744.6864	116.6233	322.5396	3244.243	347.8603	18.62077	80.90678

#1	.000064	-.000001	-.018173	-.000172	-.000517	-.000616	-.002034
#2	-.000162	.000074	.003102	-.000636	-.000273	-.000425	-.009185
#3	.000047	.000025	.003530	.000744	.000387	-.000569	-.003092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003777	.0231921	.0002149	-.000304	-.048707	-.000377	-.001431
Stddev	.0006800	.0331129	.0005459	.000312	.007374	.003202	.000202
%RSD	180.0331	142.7765	253.9526	102.7200	15.13978	849.1232	14.13759

#1	.0006592	-.009991	.0007312	-.000267	-.055637	.003290	-.001662
#2	.0008718	.056235	.0002700	-.000634	-.049527	-.002620	-.001288
#3	-.000398	.023333	-.000356	-.000012	-.040957	-.001801	-.001342

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176331	.0038511	-.000459	-.001331	.0011761	-.006052	-.001068
Stddev	.0305464	.0012127	.000609	.000883	.0021330	.012743	.001614
%RSD	173.2337	31.48907	132.6649	66.37797	181.3608	210.5573	151.0942

#1	.0167106	.0042172	-.001158	-.000926	.0011331	.001966	-.000171
#2	-.012442	.0048386	-.000172	-.000722	-.000935	-.020746	-.000103
#3	.048630	.0024976	-.000046	-.002344	.003330	.000624	-.002931

Sample Name: ICB01 Acquired: 10/18/2019 12:48:17 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.008498	-.001372	-.000049
Stddev	.005618	.002240	.000104
%RSD	66.10500	163.2607	214.2989

#1	-.002287	-.003424	.000021
#2	-.013225	-.001711	-.000169
#3	-.009983	.001018	.000002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1685.841	22593.99	5223.988	1154.987	1918.032
Stddev	2.139	526.44	41.860	19.032	2.403
%RSD	.1268879	2.330002	.8012942	1.647813	.1252890

#1	1688.296	21987.28	5264.897	1133.130	1919.842
#2	1684.848	22864.76	5181.239	1167.897	1918.948
#3	1684.378	22929.94	5225.830	1163.934	1915.305

Sample Name: CRI01 Acquired: 10/18/2019 12:52:21 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191697	.0387933	.0109190	.0222579	.0536454	.1007656
Stddev	.0040330	.0028543	.0024846	.0025327	.0026379	.0079858
%RSD	21.03836	7.357774	22.75490	11.37903	4.917191	7.925106

#1	.0155986	.0389477	.0102597	.0218974	.0540642	.1024422
#2	.0183667	.0358648	.0088305	.0199247	.0508232	.0920746
#3	.0235437	.0415672	.0136667	.0249515	.0560488	.1077799

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1030501	.0066618	.0066973	2.047027	.0102317	.0300251
Stddev	.0034462	.0001406	.0002065	.069445	.0002923	.0001694
%RSD	3.344222	2.111032	3.082794	3.392476	2.856698	.5642597

#1	.0991047	.0066062	.0067643	1.968903	.0099027	.0302167
#2	.1045736	.0068217	.0068619	2.070431	.0103311	.0299634
#3	.1054719	.0065574	.0064656	2.101745	.0104614	.0298951

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217531	.0991682	.0221493	2.142115	.0410139	.0104444
Stddev	.0003153	.0108033	.0008987	.057116	.0003088	.0006139
%RSD	1.449635	10.89395	4.057650	2.666346	.7529158	5.877535

#1	.0216399	.0886079	.0211714	2.085668	.0407486	.0105696
#2	.0221094	.0986976	.0229392	2.199877	.0409402	.0109861
#3	.0215099	.1101992	.0223372	2.140801	.0413529	.0097777

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.048558	.0410207	.0432958	2.004782	.1084211	.2127438
Stddev	.064777	.0025029	.0000484	.043562	.0010382	.0012867
%RSD	3.162082	6.101554	.1118960	2.172922	.9575976	.6048277

#1	1.974200	.0388354	.0432400	1.962327	.1075977	.2113924
#2	2.078720	.0437513	.0433273	2.002645	.1095874	.2128846
#3	2.092755	.0404755	.0433200	2.049373	.1080782	.2139543

Sample Name: CRI01 Acquired: 10/18/2019 12:52:21 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0350704	.0413616	.4301182	.0202400	F .0137485	.0191215
Stddev	.0007365	.0020542	.0208395	.0013824	.0047109	.0017240
%RSD	2.100076	4.966341	4.845072	6.830081	34.26490	9.016156

#1	.0348228	.0400593	.4296826	.0217751	.0085030	.0177369
#2	.0344895	.0402959	.4511721	.0190933	.0151236	.0185751
#3	.0358987	.0437296	.4094999	.0198518	.0176188	.0210526

Elem	Sr4077
Units	ppm
Avg	.0211552
Stddev	.0005533
%RSD	2.615625

#1	.0205240
#2	.0213844
#3	.0215570

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1677.786	22610.31	5245.476	1162.931	1917.369
Stddev	3.689	148.83	14.342	5.900	2.268
%RSD	.2198488	.6582350	.2734235	.5073417	.1182702

#1	1679.339	22489.71	5257.948	1156.880	1916.384
#2	1680.444	22564.59	5229.804	1163.243	1919.963
#3	1673.575	22776.64	5248.675	1168.668	1915.761

Sample Name: ICSA01 Acquired: 10/18/2019 12:56:25 Type: Unk
Method: NON EPA-6010-200.7(v42) 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	.0069356	.0200305	-.003715	-.004642	.0352436	255.5523
Stddev	.0012625	.0016567	.003158	.005845	.0030774	10.8238
%RSD	18.20317	8.270797	84.99720	125.9273	8.731668	4.235456

#1	.0083675	.0183208	-.006217	.001847	.0352384	243.1555
#2	.0059826	.0216285	-.004762	-.006279	.0321688	260.3744
#3	.0064568	.0201423	-.000167	-.009493	.0383236	263.1271

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056378	-.003808	-.002494	238.9814	.0555166	-.004457
Stddev	.0003460	.000192	.000543	9.8496	.0017973	.000264
%RSD	6.136859	5.041069	21.78738	4.121479	3.237397	5.922375

#1	.0056677	-.003631	-.001970	227.6996	.0575919	-.004682
#2	.0052779	-.004012	-.002457	243.3751	.0544647	-.004167
#3	.0059679	-.003782	-.003055	245.8695	.0544932	-.004524

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007837	93.54060	.0149294	254.0866	.0253192	-.004717
Stddev	.002092	2.51118	.0003152	10.5839	.0036205	.000361
%RSD	26.69731	2.684593	2.111411	4.165472	14.29950	7.652020

#1	-.005467	90.77396	.0152886	241.8904	.0294471	-.005127
#2	-.009426	94.17202	.0148011	259.5077	.0226821	-.004578
#3	-.008619	95.67581	.0146986	260.8617	.0238283	-.004447

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001839	-.000077	.0123767	-.027505	-.045319	-.005902
Stddev	.010364	.003040	.0003464	.021414	.005179	.000480
%RSD	563.4736	3938.653	2.799218	77.85319	11.42835	8.136736

#1	-.011116	-.003524	.0119776	-.052200	-.047667	-.005800
#2	.009346	.002223	.0125525	-.016241	-.048910	-.005481
#3	-.003748	.001070	.0126001	-.014074	-.039382	-.006425

Sample Name: ICSA01 Acquired: 10/18/2019 12:56:25 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013978	-.003415	-.018158	F .0405327	F -.047979	.0038615
Stddev	.000943	.000744	.010653	.0023287	.006140	.0008018
%RSD	6.747653	21.79438	58.67155	5.745162	12.79730	20.76493

#1	-.014948	-.004274	-.025908	.0378822	-.046934	.0029979
#2	-.013922	-.003000	-.006010	.0414656	-.042428	.0040042
#3	-.013064	-.002971	-.022555	.0422502	-.054574	.0045824

Elem	Sr4077
Units	ppm
Avg	.0017613
Stddev	.0013717
%RSD	77.87883

#1	.0002271
#2	.0028693
#3	.0021877

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1573.019	20959.06	5150.150	1078.081	1647.707
Stddev	5.731	151.73	76.768	4.781	10.427
%RSD	.3643360	.7239364	1.490588	.4434293	.6328231

#1	1577.963	20784.03	5235.837	1076.458	1655.404
#2	1574.356	21039.84	5087.645	1083.462	1651.878
#3	1566.737	21053.31	5126.970	1074.324	1635.841

Sample Name: ICSAB01 Acquired: 10/18/2019 13:00:25 Type: Unk
Method: NON EPA-6010-200.7(v42) 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	.1105394	.1052265	.0487654	.0454946	.6663822	265.3971
Stddev	.0097378	.0044124	.0011660	.0036764	.0060395	6.5251
%RSD	8.809377	4.193274	2.390943	8.080980	.9063111	2.458607

#1	.1004204	.1039883	.0489730	.0441584	.6594346	257.9093
#2	.1113527	.1015654	.0498136	.0426732	.6693323	268.4155
#3	.1198450	.1101257	.0475096	.0496522	.6703796	269.8665

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5402335	.5226009	.9591860	248.5377	.5712816	.4984444
Stddev	.0129842	.0036881	.0021211	6.0898	.0027170	.0026715
%RSD	2.403440	.7057111	.2211331	2.450241	.4756056	.5359758

#1	.5259778	.5185415	.9584351	241.6550	.5687722	.4953597
#2	.5433399	.5257454	.9575425	250.7318	.5709056	.5000079
#3	.5513827	.5235159	.9615804	253.2265	.5741671	.4999656

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4500380	96.88370	.5295438	263.9234	1.022407	.2122643
Stddev	.0020741	2.05894	.0110661	6.2314	.004472	.0006213
%RSD	.4608706	2.125167	2.089742	2.361053	.4374250	.2927039

#1	.4493058	94.57269	.5169224	256.8048	1.017271	.2121500
#2	.4484294	97.55584	.5341272	266.5752	1.024511	.2117081
#3	.4523789	98.52258	.5375819	268.3903	1.025439	.2129348

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008901	.5148604	1.059221	-.009994	1.007311	1.092914
Stddev	.0178055	.0120743	.003762	.049528	.019839	.010439
%RSD	2000.345	2.345158	.3551609	495.5820	1.969498	.9551421

#1	-.019037	.5011261	1.062931	.041423	.984482	1.080861
#2	.015238	.5238047	1.059322	-.057388	1.017076	1.098837
#3	.006469	.5196504	1.055409	-.014017	1.020375	1.099045

Sample Name: ICSAB01 Acquired: 10/18/2019 13:00:25 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.079970	1.036519	1.012961	F .0428284	F -.050042	F .0042653
Stddev	.010117	.021137	.042848	.0038222	.001310	.0018181
%RSD	.9367423	2.039213	4.229934	8.924363	2.618170	42.62510

#1	1.069047	1.012231	.971285	.0458164	-.051554	.0025369
#2	1.089017	1.046578	1.010707	.0441474	-.049244	.0061615
#3	1.081846	1.050748	1.056891	.0385214	-.049328	.0040976

Elem	Sr4077
Units	ppm
Avg	F .0027130
Stddev	.0006588
%RSD	24.28333

#1	.0022769
#2	.0023912
#3	.0034708

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1565.775	20786.65	5125.277	1059.574	1634.115
Stddev	3.762	19.59	15.313	5.864	6.528
%RSD	.2402416	.0942266	.2987782	.5534493	.3994940

#1	1570.110	20766.54	5139.999	1053.923	1641.146
#2	1563.836	20787.74	5109.434	1059.169	1628.247
#3	1563.377	20805.67	5126.399	1065.631	1632.950

Sample Name: CCV01 Acquired: 10/18/2019 13:04:15 Type: Unk
Method: NON EPA-6010-200.7(v42) 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	5.040852	5.019376	5.012905	5.031313	5.027046	9.918178	10.12233
Stddev	.025499	.009128	.006394	.009736	.010947	.358955	.35047
%RSD	.5058516	.1818467	.1275586	.1935115	.2177710	3.619167	3.462298

#1	5.014768	5.029863	5.016504	5.023045	5.015321	9.520847	9.71820
#2	5.065723	5.015048	5.016689	5.042044	5.037000	10.01464	10.30606
#3	5.042065	5.013218	5.005522	5.028850	5.028819	10.21904	10.34272

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2511603	2.561463	24.87107	1.003267	2.489862	1.241618	5.059314
Stddev	.0038360	.002006	.84085	.000899	.002092	.001583	.110872
%RSD	1.527300	.0783126	3.380834	.0896389	.0840293	.1274619	2.191435

#1	.2468238	2.561043	23.90375	1.002409	2.488681	1.241385	4.937325
#2	.2541101	2.563645	25.28225	1.004203	2.488627	1.240165	5.086671
#3	.2525469	2.559700	25.42720	1.003188	2.492278	1.243304	5.153947

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.518908	24.89742	2.505192	1.252974	25.12067	2.501821	2.506708
Stddev	.075557	1.00060	.002518	.001995	.60368	.089077	.006508
%RSD	2.999601	4.018898	.1005300	.1592158	2.403118	3.560484	.2596090

#1	2.432135	23.75227	2.507689	1.251160	24.43351	2.399945	2.514211
#2	2.554445	25.33704	2.505233	1.255110	25.36283	2.540487	2.503315
#3	2.570146	25.60295	2.502652	1.252652	25.56567	2.565031	2.502599

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.27751	5.065075	5.026274	4.971012	5.010960	5.054987	4.967446
Stddev	.55630	.061041	.008065	.009636	.162757	.130853	.007370
%RSD	2.200783	1.205136	.1604658	.1938413	3.248023	2.588601	.1483719

#1	24.64748	4.995208	5.016976	4.973524	4.823032	4.912431	4.958968
#2	25.48405	5.108073	5.030471	4.979143	5.106407	5.082896	4.972331
#3	25.70101	5.091942	5.031376	4.960368	5.103441	5.169635	4.971037

Sample Name: CCV01 Acquired: 10/18/2019 13:04:15 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.929548	4.977674	5.040387
Stddev	.017438	.174370	.167214
%RSD	.3537483	3.503051	3.317486

#1	4.913624	4.776801	4.847739
#2	4.926837	5.066170	5.125512
#3	4.948183	5.090051	5.147911

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1641.710	22071.39	5241.329	1126.091	1759.734
Stddev	1.517	20.09	70.127	4.938	.814
%RSD	.0923874	.0910420	1.337954	.4385164	.0462523

#1	1643.256	22076.27	5321.329	1120.539	1758.796
#2	1640.224	22049.30	5190.476	1127.742	1760.154
#3	1641.651	22088.59	5212.183	1129.993	1760.252

Sample Name: LLCCV01 Acquired: 10/18/2019 13:07:58 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201484	.0403645	.0096381	.0198740	.0543566	.1024807
Stddev	.0023047	.0018399	.0013061	.0033462	.0009585	.0169609
%RSD	11.43837	4.558160	13.55180	16.83692	1.763332	16.55037

#1	.0227542	.0423038	.0094921	.0237352	.0534036	.1015555
#2	.0183776	.0386435	.0110111	.0178207	.0543456	.0860013
#3	.0193135	.0401462	.0084111	.0180660	.0553205	.1198853

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1039481	.0066202	.0066724	2.052444	.0099330	.0297584
Stddev	.0032744	.0001070	.0001079	.054816	.0004151	.0004213
%RSD	3.149983	1.616928	1.616630	2.670772	4.179301	1.415662

#1	.1002170	.0065053	.0067966	1.998859	.0096118	.0298325
#2	.1052842	.0066381	.0066178	2.050059	.0097855	.0293050
#3	.1063432	.0067171	.0066026	2.108413	.0104018	.0301377

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228461	.1065219	.0228140	2.063726	.0416868	.0107849
Stddev	.0005042	.0076882	.0008471	.046846	.0007940	.0001419
%RSD	2.207021	7.217468	3.713087	2.269961	1.904666	1.315545

#1	.0225897	.1066653	.0219044	2.056283	.0414523	.0108693
#2	.0225217	.0987629	.0235804	2.021047	.0410365	.0106211
#3	.0234271	.1141373	.0229573	2.113848	.0425717	.0108643

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.030483	.0451527	.0443445	2.028030	.1136935	.2138859
Stddev	.057288	.0033236	.0008022	.057591	.0012729	.0008245
%RSD	2.821380	7.360803	1.809056	2.839753	1.119568	.3854994

#1	1.969887	.0427411	.0447538	1.976972	.1132998	.2144315
#2	2.037802	.0489439	.0448595	2.016659	.1151167	.2129374
#3	2.083758	.0437730	.0434202	2.090458	.1126640	.2142888

Sample Name: LLCCV01 Acquired: 10/18/2019 13:07:58 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0366194	.0409009	.4165672	.0189280	F .0121803	.0179288
Stddev	.0016432	.0017221	.0332725	.0008882	.0024438	.0004345
%RSD	4.487235	4.210478	7.987304	4.692565	20.06351	2.423253

#1	.0383559	.0390814	.4003418	.0180976	.0146185	.0175281
#2	.0350889	.0425055	.3945201	.0198645	.0121915	.0178677
#3	.0364135	.0411156	.4548396	.0188218	.0097310	.0183906

Elem	Sr4077
Units	ppm
Avg	.0216644
Stddev	.0004667
%RSD	2.154340

#1	.0211439
#2	.0218036
#3	.0220456

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1679.591	22649.07	5238.052	1163.259	1919.011
Stddev	12.769	110.66	44.247	3.600	14.125
%RSD	.7602186	.4885968	.8447196	.3094978	.7360460

#1	1678.390	22598.52	5263.997	1163.347	1917.585
#2	1692.917	22572.70	5186.963	1159.615	1933.795
#3	1667.465	22775.98	5263.197	1166.814	1905.654

Sample Name: CCB01 Acquired: 10/18/2019 13:23:50 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002415	-.001828	-.000879	-.001495	-.000061	F .0314911
Stddev	.002273	.001504	.001794	.002177	.001943	.0223895
%RSD	94.11780	82.25583	204.1374	145.6284	3184.346	71.09793

#1	-.002813	-.003319	.000959	.000453	.000842	.0573285
#2	.000031	-.001854	-.000970	-.001092	.001266	.0193534
#3	-.004463	-.000312	-.002625	-.003846	-.002292	.0177913

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000034	.0000154	.0000740	.0313825	.0002066	-.000333
Stddev	.001313	.0000067	.0000873	.0285789	.0004015	.000089
%RSD	3828.173	43.50044	117.9245	91.06650	194.3332	26.69760

#1	-.001156	.0000197	.0001530	.0586763	.0004612	-.000435
#2	-.000356	.0000077	.0000888	.0337994	.0004149	-.000271
#3	.001409	.0000189	-.000020	.0016719	-.000256	-.000294

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001425	.0191111	.0001177	.0418521	.0000554	-.000053
Stddev	.000682	.0085987	.0001373	.0074703	.0005208	.000229
%RSD	47.82087	44.99334	116.7080	17.84914	940.7573	431.9754

#1	-.000985	.0190311	.0002716	.0502133	.0006518	-.000291
#2	-.002210	.0277496	.0000736	.0395080	-.000310	-.000034
#3	-.001080	.0105527	.0000078	.0358351	-.000176	.000166

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0302091	.0030785	-.000474	.0590866	-.000278	.0001394
Stddev	.0175599	.0027271	.000887	.0392932	.001032	.0001068
%RSD	58.12782	88.58556	187.0714	66.50110	371.2699	76.59946

#1	.0464098	.0048212	-.001260	.0617488	-.001405	.0002038
#2	.0326684	.0044784	-.000649	.0185299	.000620	.0000161
#3	.0115492	-.000064	.000487	.0969809	-.000049	.0001983

Sample Name: CCB01 Acquired: 10/18/2019 13:23:50 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004933	.0000090	-.022272	.0024104	-.003770	F -.006284
Stddev	.000231	.0004649	.013810	.0030796	.003199	.001412
%RSD	4.674921	5197.210	62.00539	127.7646	84.84093	22.47373

#1	-.004766	-.000292	-.038214	.0046987	-.005930	-.007828
#2	-.004836	-.000226	-.013993	.0036235	-.000096	-.005058
#3	-.005196	.000544	-.014608	-.001091	-.005285	-.005967

Elem	Sr4077
Units	ppm
Avg	-.000081
Stddev	.000098
%RSD	121.1425

#1	-.000021
#2	-.000027
#3	-.000194

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1730.625	23443.72	5511.798	1195.412	1991.219
Stddev	6.580	37.11	231.839	4.759	10.092
%RSD	.3802319	.1582880	4.206236	.3980805	.5068331

#1	1738.214	23469.72	5779.469	1196.559	2002.288
#2	1726.499	23460.22	5374.300	1199.492	1988.842
#3	1727.163	23401.22	5381.624	1190.184	1982.528

Sample Name: LR CHECK 1 Acquired: 10/18/2019 13:28:27 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LR CHECK 1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0283788	.1666630	-.021080	-.409197	.1537392	1943.012	.0083782
Stddev	.0015067	.0123803	.004805	.012834	.0025297	61.559	.0003136
%RSD	5.309092	7.428312	22.79324	3.136438	1.645468	3.168233	3.743554

#1	.0301004	.1554173	-.026414	-.400580	.1566520	1872.401	.0081598
#2	.0277347	.1799292	-.017090	-.403064	.1524734	1985.396	.0087376
#3	.0273012	.1646425	-.019738	-.423947	.1520923	1971.240	.0082371

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012996	-.005238	1715.418	.0850390	-.014149	-.106535	693.5802
Stddev	.000427	.000992	6.002	.0014373	.000471	.002701	3.4807
%RSD	3.288085	18.94377	.3498824	1.690138	3.332362	2.535123	.5018443

#1	-.013292	-.004412	1708.829	.0849402	-.014685	-.103428	689.9776
#2	-.012506	-.006339	1720.573	.0865231	-.013960	-.108320	693.8384
#3	-.013191	-.004964	1716.851	.0836536	-.013801	-.107857	696.9246

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087708	1758.072	.1815801	-.063789	1627.380	-.009554	.1879470
Stddev	.0010598	6.971	.0049288	.000910	26.323	.005091	.0028320
%RSD	12.08334	.3965089	2.714376	1.426036	1.617520	53.28387	1.506830

#1	.0096156	1750.136	.1872392	-.064764	1604.748	-.012056	.1897968
#2	.0091152	1763.209	.1782270	-.063642	1656.268	-.012909	.1893575
#3	.0075816	1760.869	.1792742	-.062962	1621.125	-.003696	.1846867

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	707.2753	-.981619	-.003478	-.068283	-.061242	-.012966	.2588626
Stddev	1.6125	.025027	.002142	.002327	.000972	.012940	.0036813
%RSD	.2279945	2.549531	61.58913	3.407277	1.586605	99.80086	1.422095

#1	706.0380	-.989053	-.005580	-.065609	-.060162	-.002157	.2612830
#2	706.6888	-1.00209	-.001298	-.069395	-.062044	-.009436	.2546262
#3	709.0990	-.95372	-.003555	-.069846	-.061521	-.027305	.2606786

Sample Name: LR CHECK 1 Acquired: 10/18/2019 13:28:27 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LR CHECK 1 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.132819	.0523039	-.721359
Stddev	.000552	.0036411	.003947
%RSD	.4155344	6.961498	.5471855

#1	-.133152	.0481040	-.717282
#2	-.132182	.0542339	-.721632
#3	-.133123	.0545737	-.725162

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1287.419	16346.50	4585.876	852.4434	1451.979
Stddev	3.903	20.76	15.313	3.8406	5.156
%RSD	.3031295	.1270173	.3339180	.4505414	.3550719

#1	1282.923	16333.57	4580.915	848.3310	1456.181
#2	1289.392	16335.49	4573.659	853.0622	1446.226
#3	1289.941	16370.45	4603.054	855.9371	1453.531

Sample Name: LR CHECK 2 Acquired: 10/18/2019 13:32:39 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LR CHECK 2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126611	-.018175	226.2591	.0265783	-.008932	-.876266	96.36571
Stddev	.0048725	.000716	1.6760	.0060536	.008038	.076978	3.40011
%RSD	38.48429	3.941510	.7407565	22.77645	89.99450	8.784797	3.528344

#1	.0169009	-.017489	224.6927	.0334465	-.011551	-.793203	92.44106
#2	.0073381	-.018918	226.0578	.0220183	.000089	-.890393	98.23511
#3	.0137443	-.018117	228.0266	.0242703	-.015333	-.945203	98.42094

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001603	-.012722	.4346071	-.095720	-.031186	237.9163	-.387345
Stddev	.000086	.000484	.0485853	.001573	.000579	.2895	.035582
%RSD	5.368942	3.802576	11.17913	1.643304	1.856460	.1216621	9.186125

#1	-.001596	-.013257	.4860226	-.094459	-.030536	237.6752	-.346301
#2	-.001692	-.012315	.4283382	-.095219	-.031646	237.8363	-.406266
#3	-.001520	-.012595	.3894605	-.097483	-.031377	238.2373	-.409470

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.42003	.1520065	51.18486	.0063861	1.116918	-.091089	35.86924
Stddev	.86924	.0969312	.35842	.0013104	.038768	.001165	.32674
%RSD	2.001930	63.76784	.7002418	20.52006	3.470937	1.279116	.9109150

#1	42.42986	.2575599	50.86292	.0049301	1.147619	-.092415	35.59238
#2	43.77281	.1314714	51.12060	.0067572	1.129780	-.090229	35.78571
#3	44.05741	.0669881	51.57106	.0074710	1.073354	-.090624	36.22964

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5537570	-.003623	-.002390	-.009148	-.017732	.0019673	-.336938
Stddev	.0154620	.001381	.000173	.001260	.000500	.0072733	.007825
%RSD	2.792190	38.11807	7.236208	13.77247	2.819515	369.7133	2.322456

#1	.5636140	-.002694	-.002263	-.007794	-.018157	.0090386	-.343776
#2	.5617204	-.002966	-.002321	-.009365	-.017181	.0023556	-.338633
#3	.5359366	-.005210	-.002587	-.010285	-.017857	-.005492	-.328404

Sample Name: LR CHECK 2 Acquired: 10/18/2019 13:32:39 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LR CHECK 2 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003424	.0031505	.0015354
Stddev	.0022643	.0012659	.0000751
%RSD	661.3623	40.18256	4.891781

#1	.0027284	.0032859	.0014743
#2	-.001777	.0018223	.0015127
#3	.000075	.0043432	.0016193

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1153.358	22385.74	5287.184	963.4509	1751.062
Stddev	4.796	139.91	20.137	7.4101	10.153
%RSD	.4157985	.6250174	.3808718	.7691248	.5797988

#1	1153.017	22542.29	5303.479	970.5154	1760.442
#2	1158.315	22272.89	5264.671	964.0994	1752.463
#3	1148.742	22342.04	5293.401	955.7378	1740.282

Sample Name: K5394-01DLX2 Acquired: 10/18/2019 14:35:42 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: T-17-F1-(0-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2663828	.0701100	2.281191	-.170113	.0215977	38.03038	1.487789
Stddev	.0033420	.0004608	.011621	.005257	.0014205	.31888	.009708
%RSD	1.254585	.6572078	.5094435	3.090384	6.576926	.8384995	.6524782

#1	.2700616	.0697622	2.268481	-.174522	.0202378	37.69167	1.478778
#2	.2635342	.0699353	2.291274	-.171522	.0214834	38.32481	1.498068
#3	.2655525	.0706326	2.283817	-.164295	.0230718	38.07466	1.486523

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010803	-.005551	83.41514	.1266200	.0208229	.5099164	466.1156
Stddev	.000291	.001136	.60488	.0012961	.0004768	.0028425	3.8593
%RSD	2.690309	20.46912	.7251384	1.023602	2.289906	.5574418	.8279699

#1	-.010517	-.004240	82.80914	.1275983	.0202723	.5127999	461.7467
#2	-.011099	-.006158	84.01888	.1251500	.0210971	.5071168	469.0608
#3	-.010794	-.006255	83.41741	.1271116	.0210993	.5098324	467.5394

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7395224	56.20926	.0812200	-.010643	4.780454	.2814336	2.866834
Stddev	.0071217	.31905	.0041275	.000343	.058500	.0043709	.000620
%RSD	.9630181	.5676113	5.081890	3.225180	1.223739	1.553097	.0216391

#1	.7322979	55.87016	.0848076	-.010600	4.714773	.2780422	2.866244
#2	.7465367	56.50351	.0767090	-.010323	4.799630	.2863664	2.867481
#3	.7397326	56.25412	.0821434	-.011005	4.826961	.2798921	2.866775

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.51075	-.068168	.0076098	.0091819	2.588579	.5631323	4.673166
Stddev	.08989	.022076	.0003761	.0007221	.016063	.0132965	.031171
%RSD	.7185198	32.38556	4.942733	7.864158	.6205225	2.361165	.6670285

#1	12.40695	-.093483	.0072105	.0095379	2.570974	.5479104	4.645304
#2	12.56292	-.058098	.0079574	.0096569	2.602437	.5724802	4.667363
#3	12.56237	-.052922	.0076613	.0083510	2.592327	.5690064	4.706831

Sample Name: K5394-01DLX2 Acquired: 10/18/2019 14:35:42 Type: Unk
 Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: T-17-F1-(0-3 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	26.50629	.0496825	-.081634
Stddev	.08847	.0020054	.002161
%RSD	.3337842	4.036492	2.647228

#1	26.40590	.0475197	-.079174
#2	26.54005	.0500476	-.082498
#3	26.57290	.0514804	-.083229

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1644.130	21896.02	5363.669	1122.020	1986.980
Stddev	1.141	80.00	11.135	8.112	9.754
%RSD	.0693948	.3653570	.2075929	.7229523	.4909063

#1	1642.987	21986.93	5358.883	1131.275	1997.436
#2	1645.268	21836.36	5355.727	1118.641	1985.376
#3	1644.136	21864.79	5376.396	1116.144	1978.127

Sample Name: CCV02 Acquired: 10/18/2019 15:06:44 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.042262	5.026444	5.019086	5.001444	5.068070	9.855192	10.11024
Stddev	.028582	.031920	.031979	.019647	.010119	.368980	.37925
%RSD	.5668466	.6350483	.6371509	.3928303	.1996572	3.744021	3.751191
#1	5.036070	5.023242	5.007799	5.004031	5.070576	9.434750	9.67724
#2	5.017283	4.996245	4.994282	4.980632	5.056934	10.00569	10.27008
#3	5.073432	5.059844	5.055179	5.019670	5.076701	10.12514	10.38342
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2525789	2.557346	24.75375	1.000395	2.508728	1.280899	5.067208
Stddev	.0039714	.001923	.91969	.002448	.011144	.002980	.108671
%RSD	1.572325	.0751821	3.715363	.2446882	.4441992	.2326292	2.144599
#1	.2480862	2.558499	23.70895	.998149	2.500049	1.279305	4.946386
#2	.2556213	2.555127	25.11145	1.000031	2.504840	1.279055	5.098276
#3	.2540291	2.558412	25.44085	1.003004	2.521295	1.284337	5.156962
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.528699	24.85488	2.546515	1.249923	24.93080	2.471465	2.523094
Stddev	.112166	.97632	.011156	.008444	.60724	.097760	.007833
%RSD	4.435712	3.928083	.4380879	.6755369	2.435685	3.955532	.3104507
#1	2.400149	23.73557	2.540200	1.253181	24.25400	2.359520	2.514358
#2	2.579284	25.29807	2.539948	1.256252	25.11046	2.514860	2.525434
#3	2.606663	25.53099	2.559396	1.240336	25.42793	2.540016	2.529491
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.49779	5.167577	5.007266	4.999443	5.040261	5.026531	5.021829
Stddev	.69561	.092324	.012860	.017760	.211756	.184994	.024406
%RSD	2.839484	1.786600	.2568362	.3552409	4.201291	3.680358	.4860029
#1	23.71256	5.064545	5.010549	4.994162	4.797551	4.824221	5.013297
#2	24.74399	5.242799	4.993082	4.984922	5.135932	5.068310	5.002834
#3	25.03681	5.195388	5.018167	5.019244	5.187299	5.187064	5.049356

Sample Name: CCV02 Acquired: 10/18/2019 15:06:44 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.929926	4.962272	5.010112
Stddev	.031006	.190955	.184081
%RSD	.6289309	3.848135	3.674194

#1	4.917217	4.744156	4.799211
#2	4.907294	5.043354	5.092617
#3	4.965267	5.099307	5.138508

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1628.012	21920.95	5167.808	1118.386	1740.667
Stddev	4.929	84.14	77.211	3.740	6.178
%RSD	.3027461	.3838154	1.494078	.3344258	.3548987

#1	1628.153	21827.12	5255.867	1115.935	1743.605
#2	1632.868	21946.07	5111.705	1122.691	1744.827
#3	1623.014	21989.67	5135.851	1116.532	1733.568

Sample Name: K5335-01DLX10 Acquired: 10/18/2019 14:39:33 Type: Unk
Method: NON EPA-6010-200.7(v42) 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	.0306151	-.007529	.0008933	.0415076	.0241621	3.486233	.6668315
Stddev	.0043978	.003135	.0021637	.0020805	.0002745	.115936	.0166877
%RSD	14.36487	41.63978	242.2189	5.012388	1.136218	3.325524	2.502541

#1	.0255886	-.010746	.0009241	.0416046	.0241707	3.352565	.6475710
#2	.0337540	-.007358	.0030413	.0435379	.0244323	3.546692	.6759570
#3	.0325027	-.004483	-.001286	.0393803	.0238834	3.559442	.6769666

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021281	-.000650	260.8303	.0107449	.0152161	.0908379	5.005575
Stddev	.0001027	.000360	6.8097	.0005607	.0004104	.0006271	.102641
%RSD	4.826193	55.30215	2.610771	5.218112	2.697440	.6903183	2.050536

#1	.0021357	-.000515	252.9783	.0107451	.0155646	.0904345	4.894368
#2	.0020218	-.000378	264.3949	.0101841	.0153199	.0905188	5.025682
#3	.0022267	-.001058	265.1178	.0113054	.0147637	.0915603	5.096675

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.505158	2.670984	.0578219	-.002361	1.217513	.0073212	.0484210
Stddev	.076293	.068714	.0004483	.000364	.047192	.0058676	.0004320
%RSD	2.176596	2.572608	.7753945	15.43568	3.876065	80.14459	.8921496

#1	3.417226	2.592420	.0577152	-.002222	1.168778	.0109836	.0487200
#2	3.544479	2.700658	.0574366	-.002087	1.220769	.0104265	.0479257
#3	3.553770	2.719876	.0583140	-.002775	1.262992	.0005536	.0486173

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9914425	.0400024	-.005955	.0070126	.1775395	.6287327	.5551554
Stddev	.0024330	.0014610	.000425	.0018566	.0020204	.0102749	.0024469
%RSD	.2453999	3.652195	7.135483	26.47467	1.137981	1.634227	.4407544

#1	.9926954	.0389169	-.006366	.0087224	.1756067	.6175987	.5525053
#2	.9886384	.0394268	-.005980	.0072776	.1773744	.6307502	.5556321
#3	.9929937	.0416635	-.005517	.0050378	.1796373	.6378492	.5573288

Sample Name: K5335-01DLX10 Acquired: 10/18/2019 14:39:33 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.153917	.0091343	.3601907
Stddev	.006223	.0024805	.0078492
%RSD	.2889122	27.15593	2.179186

#1	2.160709	.0063310	.3511377
#2	2.148489	.0110450	.3643398
#3	2.152555	.0100268	.3650947

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1599.313	21202.62	5182.386	1092.750	1728.688
Stddev	7.567	76.14	37.469	7.551	7.895
%RSD	.4731688	.3591020	.7230146	.6909873	.4567307

#1	1590.674	21266.70	5210.172	1090.523	1720.596
#2	1602.497	21222.71	5139.772	1101.164	1736.370
#3	1604.768	21118.45	5197.215	1086.563	1729.098

Sample Name: PB124086BS Acquired: 10/18/2019 14:43:33 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB124086BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7380331	1.906473	.9348659	1.762784	.7732923	2.016587	.2073080
Stddev	.0056942	.013559	.0035734	.006965	.0015363	.055169	.0027896
%RSD	.7715367	.7111941	.3822412	.3951195	.1986708	2.735782	1.345614

#1	.7314715	1.900591	.9319318	1.770809	.7715183	1.953025	.2042087
#2	.7409500	1.896848	.9388455	1.759239	.7741786	2.044692	.2080978
#3	.7416779	1.921979	.9338204	1.758305	.7741798	2.052045	.2096176

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1884870	.1994902	1.048429	.4053711	.1911817	.3078316	3.015152
Stddev	.0010825	.0008257	.011771	.0027043	.0005884	.0009396	.069921
%RSD	.5743246	.4138844	1.122707	.6671215	.3077821	.3052355	2.318996

#1	.1895852	.2004418	1.034885	.4080994	.1906538	.3075510	2.937946
#2	.1884549	.1990643	1.054209	.4053226	.1918161	.3070643	3.033302
#3	.1874209	.1989645	1.056192	.4026914	.1910752	.3088796	3.074209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2035514	1.989623	.4826615	.0725872	3.076142	.3060327	.1993061
Stddev	.0046344	.081806	.0021303	.0005297	.067301	.0041218	.0019152
%RSD	2.276787	4.111615	.4413578	.7297235	2.187839	1.346848	.9609107

#1	.1982007	1.895738	.4802016	.0727937	3.005062	.3019269	.2003245
#2	.2062975	2.045584	.4838881	.0729826	3.084478	.3101703	.1970969
#3	.2061561	2.027547	.4838946	.0719854	3.138888	.3060011	.2004968

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.709303	.2849317	.4135120	.6705227	.1998998	.9318886	5.150238
Stddev	.182954	.0017885	.0010350	.0023356	.0056457	.0151685	.023616
%RSD	1.884321	.6277030	.2502991	.3483286	2.824286	1.627713	.4585332

#1	9.510479	.2844277	.4136472	.6686041	.1933943	.9145944	5.123379
#2	9.746876	.2869182	.4144728	.6698405	.2027873	.9381349	5.167748
#3	9.870554	.2834493	.4124161	.6731234	.2035178	.9429366	5.159588

Sample Name: PB124086BS Acquired: 10/18/2019 14:43:33 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB124086BS Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.006330	.2032222	.2040552
Stddev	.003220	.0047539	.0028749
%RSD	50.87599	2.339283	1.408875

#1	-.004097	.1977449	.2007824
#2	-.010021	.2062759	.2052101
#3	-.004871	.2056458	.2061729

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1642.535	22208.13	5100.355	1120.135	1865.679
Stddev	1.524	252.92	29.346	11.219	5.382
%RSD	.0927900	1.138844	.5753812	1.001583	.2884803

#1	1641.932	21940.48	5079.559	1107.214	1871.815
#2	1644.269	22240.76	5087.582	1125.786	1863.459
#3	1641.405	22443.15	5133.923	1127.405	1861.761

Sample Name: K5415-01 Acquired: 10/18/2019 14:47:27 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: BS-CONCRETE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0632200	-.078596	.0629125	-.011513	.0572681	185.8527	1.343818
Stddev	.0034543	.005045	.0077659	.003469	.0030351	1.9387	.011352
%RSD	5.463928	6.419507	12.34396	30.13147	5.299735	1.043119	.8447196

#1	.0614998	-.074177	.0709255	-.010907	.0602134	184.0886	1.334273
#2	.0609636	-.077517	.0623921	-.015245	.0541506	185.5411	1.340812
#3	.0671967	-.084093	.0554199	-.008387	.0574402	187.9282	1.356371

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025690	.3683191	1789.888	.2264812	.0558505	.1429026	125.3454
Stddev	.0001570	.0007816	50.111	.0220062	.0011498	.0013256	1.0582
%RSD	6.112290	.2122168	2.799653	9.716566	2.058709	.9275920	.8441959

#1	.0024265	.3682445	1734.332	.2397778	.0563315	.1440583	124.1649
#2	.0025431	.3675775	1803.659	.2010800	.0545383	.1431939	125.6625
#3	.0027373	.3691354	1831.673	.2385859	.0566816	.1414556	126.2087

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.871773	80.35003	.1834673	-.023805	12.05635	.2090036	.7212849
Stddev	.030425	.68108	.0012989	.002267	.09058	.0023040	.0637719
%RSD	.7858165	.8476414	.7079482	9.522455	.7513273	1.102368	8.841434

#1	3.858488	79.84548	.1844400	-.025550	11.95256	.2072106	.7586376
#2	3.850249	80.07985	.1819923	-.021243	12.09707	.2081979	.6476500
#3	3.906581	81.12474	.1839696	-.024621	12.11943	.2116022	.7575671

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.29226	.2132273	-.000160	-.043706	6.546878	.7670992	8.220718
Stddev	.24513	.0073967	.000503	.000982	.070735	.0382124	.084667
%RSD	1.099630	3.468921	313.7127	2.247562	1.080444	4.981415	1.029919

#1	22.01202	.2052717	.000402	-.042679	6.500799	.7263055	8.250080
#2	22.46689	.2198963	-.000316	-.044637	6.511514	.8020595	8.125279
#3	22.39786	.2145139	-.000567	-.043802	6.628322	.7729325	8.286794

Sample Name: K5415-01 Acquired: 10/18/2019 14:47:27 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: BS-CONCRETE Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	63.75489	.1587881	10.39132
Stddev	.52135	.0048422	.18360
%RSD	.8177339	3.049490	1.766887

#1	63.78192	.1550458	10.20647
#2	63.22055	.1570615	10.39384
#3	64.26219	.1642570	10.57365

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1581.538	21774.84	5362.676	1112.913	1492.399
Stddev	12.415	1611.44	35.120	81.454	10.882
%RSD	.7849932	7.400471	.6549031	7.318948	.7291887

#1	1583.547	20834.39	5354.009	1069.178	1492.859
#2	1592.826	23635.53	5401.318	1206.892	1503.044
#3	1568.242	20854.59	5332.701	1062.668	1481.294

Sample Name: K5420-01 Acquired: 10/18/2019 14:51:35 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2832358	.0835899	.5088098	-.320624	.0314910	164.9573
Stddev	.0027587	.0096235	.0070230	.003838	.0033784	4.0552
%RSD	.9740063	11.51272	1.380283	1.196963	10.72805	2.458320

#1	.2848729	.0733319	.5009147	-.322589	.0337490	160.2848
#2	.2800507	.0850189	.5143615	-.323081	.0276071	167.0275
#3	.2847837	.0924190	.5111532	-.316201	.0331170	167.5595

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6365365	.0018664	-.006179	543.0831	.1568303	.3488248
Stddev	.0157844	.0006605	.001637	12.8480	.0011661	.0008375
%RSD	2.479741	35.39144	26.48851	2.365756	.7435426	.2400841

#1	.6184725	.0012207	-.004289	528.3931	.1580642	.3493923
#2	.6434661	.0025408	-.007163	548.6325	.1566802	.3492192
#3	.6476707	.0018376	-.007084	552.2237	.1557466	.3478630

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.552192	F 946.0225	11.16106	116.9987	.1703764	.0025420
Stddev	.008669	19.7225	.28070	2.7970	.0105253	.0025868
%RSD	.2440548	2.084786	2.515006	2.390584	6.177681	101.7619

#1	3.557535	923.5966	10.84325	113.8073	.1817014	-.000367
#2	3.542189	953.8022	11.26483	118.1654	.1685336	.003409
#3	3.556852	960.6687	11.37510	119.0235	.1608942	.004584

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.96491	.8349178	1.168169	28.83587	6.471141	.0068280
Stddev	.50049	.0245427	.002495	.62804	.083506	.0005215
%RSD	2.387290	2.939537	.2135733	2.177965	1.290438	7.637282

#1	20.39067	.8073028	1.167595	28.12600	6.378454	.0068595
#2	21.19566	.8432111	1.166011	29.06241	6.494462	.0073330
#3	21.30841	.8542393	1.170901	29.31920	6.540508	.0062915

Sample Name: K5420-01 Acquired: 10/18/2019 14:51:35 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0251011	6.819451	5.288476	F 19.45551	6.194191	.2008352
Stddev	.0012458	.161647	.021632	.06610	.013516	.0050988
%RSD	4.963293	2.370385	.4090352	.3397461	.2182055	2.538793

#1	.0244110	6.635891	5.313454	19.49811	6.207780	.1949766
#2	.0243530	6.881914	5.276092	19.48905	6.194045	.2032594
#3	.0265393	6.940546	5.275881	19.37936	6.180749	.2042696

Elem	Sr4077
Units	ppm
Avg	-.390979
Stddev	.005693
%RSD	1.456177

#1	-.384577
#2	-.392885
#3	-.395474

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2384.619	32340.82	8086.400	1623.058	1955.679
Stddev	6.871	90.43	21.989	2.678	7.178
%RSD	.2881243	.2796192	.2719246	.1650047	.3670478

#1	2384.705	32400.57	8110.128	1620.388	1951.640
#2	2377.705	32236.78	8066.710	1623.041	1951.430
#3	2391.446	32385.10	8082.362	1625.744	1963.967

Sample Name: K5420-03 Acquired: 10/18/2019 14:55:22 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1081057	.1130818	.3965985	-.376351	.0387967	270.1630
Stddev	.0037943	.0036137	.0097002	.001835	.0044580	5.6256
%RSD	3.509784	3.195675	2.445851	.4876441	11.49068	2.082292

#1	.1114440	.1105269	.3859954	-.378467	.0439403	263.6800
#2	.1088938	.1115021	.4050264	-.375193	.0364011	273.7578
#3	.1039792	.1172164	.3987738	-.375394	.0360486	273.0512

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4869531	.0003486	-.004383	716.1270	.7860107	.4145287
Stddev	.0095103	.0004648	.002016	14.3773	.0322758	.0024793
%RSD	1.953015	133.3262	46.01138	2.007651	4.106279	.5981115

#1	.4759866	.0001843	-.002107	699.5334	.7723083	.4136361
#2	.4929340	.0008733	-.005094	724.8671	.7628466	.4126193
#3	.4919386	-.000012	-.005947	723.9805	.8228770	.4173308

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.645600	F 1012.089	13.25099	196.2613	.3886066	-.008889
Stddev	.013198	19.990	.29048	4.4432	.0098381	.004386
%RSD	.2840996	1.975129	2.192111	2.263920	2.531630	49.34018

#1	4.659629	989.332	12.91627	191.1308	.3997907	-.008903
#2	4.643741	1020.119	13.43711	198.8469	.3847394	-.004496
#3	4.633429	1026.815	13.39958	198.8062	.3812897	-.013268

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.49270	1.575876	1.380961	22.11471	5.851949	.0117774
Stddev	.32280	.032750	.044424	.53657	.092553	.0012608
%RSD	2.227351	2.078191	3.216854	2.426296	1.581583	10.70519

#1	14.12113	1.538567	1.348333	21.51107	5.746284	.0114951
#2	14.65292	1.589182	1.362997	22.29563	5.890916	.0131554
#3	14.70405	1.599878	1.431553	22.53743	5.918648	.0106816

Sample Name: K5420-03 Acquired: 10/18/2019 14:55:22 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.019730	6.857383	3.995949	F 15.84251	7.785707	.3472380
Stddev	.000857	.126703	.037991	.04838	.021819	.0092515
%RSD	4.342150	1.847685	.9507335	.3054047	.2802507	2.664306

#1	-.020223	6.712076	3.963065	15.82258	7.800850	.3365878
#2	-.018740	6.944803	3.987246	15.80728	7.760697	.3518424
#3	-.020225	6.915271	4.037536	15.89768	7.795575	.3532838

Elem	Sr4077
Units	ppm
Avg	.0521741
Stddev	.0052360
%RSD	10.03567

#1	.0505431
#2	.0580316
#3	.0479478

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2134.712	28202.99	7387.900	1427.790	1932.951
Stddev	7.362	696.90	34.279	25.789	5.695
%RSD	.3448520	2.471003	.4639879	1.806225	.2946090

#1	2142.982	28543.06	7386.906	1446.762	1937.227
#2	2132.282	28664.56	7354.129	1438.182	1935.140
#3	2128.873	27401.35	7422.666	1398.426	1926.487

Sample Name: K5420-05 Acquired: 10/18/2019 14:59:08 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0848655	.1081936	.6006377	-.353295	.0348273	258.5027
Stddev	.0046064	.0089499	.0059153	.005383	.0013834	6.9733
%RSD	5.427879	8.272118	.9848374	1.523589	3.972301	2.697583

#1	.0880124	.0981101	.5971562	-.347089	.0332310	250.6061
#2	.0795784	.1151958	.5972892	-.356704	.0356783	261.0872
#3	.0870058	.1112748	.6074677	-.356091	.0355726	263.8149

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3710991	.0024352	-.003252	663.6987	.8099138	.3975467
Stddev	.0088436	.0003196	.002136	17.5372	.0038014	.0006833
%RSD	2.383080	13.12223	65.67688	2.642343	.4693563	.1718777

#1	.3612391	.0020665	-.001054	643.9706	.8137947	.3983322
#2	.3737282	.0026320	-.003384	669.6064	.8097495	.3972175
#3	.3783300	.0026072	-.005320	677.5192	.8061973	.3970902

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.004777	F 961.0709	12.35088	194.6663	.3905368	-.006791
Stddev	.002564	18.3773	.33575	5.3888	.0141851	.001774
%RSD	.0427003	1.912169	2.718446	2.768249	3.632199	26.12682

#1	6.004560	940.4767	11.97997	188.5044	.4068320	-.008827
#2	6.002328	966.9370	12.43863	196.9968	.3838264	-.005965
#3	6.007443	975.7990	12.63404	198.4976	.3809519	-.005579

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.17379	1.642606	1.658347	20.90937	10.39846	.0024981
Stddev	.50167	.037144	.003659	.50445	.13196	.0008684
%RSD	1.992824	2.261278	.2206635	2.412534	1.268999	34.76242

#1	24.61217	1.600064	1.660781	20.33028	10.25748	.0029608
#2	25.33168	1.659154	1.654139	21.14453	10.41888	.0014963
#3	25.57753	1.668599	1.660123	21.25330	10.51901	.0030371

Sample Name: K5420-05 Acquired: 10/18/2019 14:59:08 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.018480	6.935426	4.571855	F 14.39602	8.467078	.3657731
Stddev	.002329	.188749	.011520	.02546	.014982	.0117264
%RSD	12.60393	2.721520	.2519746	.1768667	.1769457	3.205936

#1	-.016054	6.726670	4.559446	14.37011	8.451176	.3523760
#2	-.020699	6.985564	4.573910	14.42101	8.469129	.3707690
#3	-.018687	7.094043	4.582210	14.39693	8.480929	.3741742

Elem	Sr4077
Units	ppm
Avg	-.334557
Stddev	.001915
%RSD	.5723679

#1	-.332643
#2	-.334556
#3	-.336473

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2096.113	28164.84	7204.827	1408.978	1935.236
Stddev	16.424	93.65	50.420	5.177	8.993
%RSD	.7835517	.3325122	.6998027	.3674465	.4647041

#1	2088.659	28071.03	7262.206	1412.405	1931.469
#2	2114.942	28165.16	7184.679	1403.023	1945.500
#3	2084.737	28258.33	7167.597	1411.507	1928.738

Sample Name: K5420-07 Acquired: 10/18/2019 15:02:56 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0954511	.0925581	.5344420	-.365964	.0409136	274.3701
Stddev	.0020367	.0070862	.0028080	.003207	.0009715	5.7851
%RSD	2.133735	7.655899	.5254092	.8764311	2.374405	2.108486

#1	.0958129	.0854413	.5312039	-.362388	.0398473	267.7794
#2	.0972827	.0926199	.5362059	-.368588	.0411454	276.7229
#3	.0932578	.0996132	.5359162	-.366916	.0417482	278.6081

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3313577	.0020523	-.005276	569.9001	.7442557	.4092009
Stddev	.0069361	.0002078	.001655	10.8904	.0037548	.0012592
%RSD	2.093250	10.12582	31.37056	1.910924	.5045023	.3077172

#1	.3233513	.0018333	-.003404	557.4016	.7483852	.4080195
#2	.3355442	.0022467	-.006547	574.9492	.7410468	.4090575
#3	.3351775	.0020768	-.005876	577.3496	.7433352	.4105256

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.749681	F 975.4241	12.56021	212.8673	.3999201	-.008736
Stddev	.007034	17.6706	.23119	4.1317	.0096395	.001245
%RSD	.1875881	1.811577	1.840656	1.940988	2.410366	14.24860

#1	3.749751	955.8132	12.29355	208.2310	.4107068	-.010174
#2	3.756680	980.3502	12.68273	214.2111	.3969047	-.007995
#3	3.742613	990.1089	12.70436	216.1599	.3921486	-.008041

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.67874	1.640967	1.457502	21.62619	6.904152	.0033264
Stddev	.86282	.037028	.008937	.54598	.072250	.0006686
%RSD	2.070164	2.256479	.6131765	2.524643	1.046473	20.09988

#1	40.69161	1.601907	1.466728	21.01643	6.821661	.0028318
#2	42.05547	1.645435	1.456892	21.79232	6.934606	.0040870
#3	42.28913	1.675558	1.448885	22.06981	6.956190	.0030603

Sample Name: K5420-07 Acquired: 10/18/2019 15:02:56 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015122	8.439379	2.838506	F 14.14905	7.530143	.4058523
Stddev	.000880	.162769	.064074	.01697	.019716	.0102910
%RSD	5.816315	1.928685	2.257324	.1199631	.2618256	2.535646

#1	-.016129	8.251447	2.768441	14.15121	7.552823	.3947601
#2	-.014505	8.531160	2.852953	14.13110	7.520511	.4077070
#3	-.014733	8.535531	2.894123	14.16484	7.517094	.4150899

Elem	Sr4077
Units	ppm
Avg	-.415472
Stddev	.007137
%RSD	1.717846

#1	-.408324
#2	-.415495
#3	-.422599

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2061.543	27874.06	7046.799	1402.129	1940.075
Stddev	6.793	105.30	16.973	9.276	4.543
%RSD	.3295087	.3777612	.2408622	.6615351	.2341499

#1	2053.757	27764.97	7048.207	1392.981	1935.362
#2	2066.262	27882.11	7029.165	1401.879	1944.425
#3	2064.609	27975.10	7063.023	1411.527	1940.437

Sample Name: CCB02 Acquired: 10/18/2019 15:10:25 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001091	-.001624	.0027251	-.001703	.0020932	.0110431	-.000544
Stddev	.002278	.000470	.0016991	.004333	.0007899	.0026358	.000709
%RSD	208.8656	28.94929	62.35063	254.3983	37.73517	23.86783	130.2066

#1	.001403	-.001235	.0039054	.001347	.0028823	.0108565	-.001356
#2	-.001614	-.001491	.0034921	-.006663	.0020947	.0137673	-.000229
#3	-.003061	-.002147	.0007777	.000206	.0013026	.0085057	-.000048

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000123	.0001206	.0021561	-.000016	.0000615	.0008355	.0006055
Stddev	.000229	.0001968	.0192430	.000342	.0002458	.0004490	.0124002
%RSD	186.9636	163.1515	892.4913	2121.096	399.6340	53.74101	2047.886

#1	-.000045	-.000033	.0235351	.000359	.0002189	.0013361	-.005339
#2	-.000381	.000342	-.003290	-.000311	.0001873	.0007019	-.007703
#3	.000058	.000053	-.013777	-.000096	-.000222	.0004684	.014859

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001901	.0328146	.0000681	-.000068	.0044147	.0023627	.0000714
Stddev	.0004935	.0090873	.0000815	.000532	.0102913	.0050743	.0003100
%RSD	259.5376	27.69302	119.7379	776.3896	233.1166	214.7649	434.4546

#1	-.000323	.0360401	-.000016	.000291	-.007449	.0028143	.0003274
#2	.000661	.0225545	.000146	-.000679	.010944	.0071961	.0001600
#3	.000232	.0398492	.000075	.000183	.009748	-.002922	-.000273

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126921	.0204269	.0013928	-.001773	.0005120	-.017909	.0021431
Stddev	.0347995	.0021617	.0004548	.000388	.0009475	.008334	.0011180
%RSD	274.1812	10.58253	32.65121	21.87938	185.0607	46.53293	52.16809

#1	-.023730	.0180031	.0018435	-.002207	.0009542	-.018569	.0008682
#2	.016204	.0211224	.0014010	-.001651	-.000576	-.025893	.0029564
#3	.045603	.0221554	.0009340	-.001460	.001158	-.009265	.0026047

Sample Name: CCB02 Acquired: 10/18/2019 15:10:25 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005662	.0004020	.0000955
Stddev	.002643	.0025102	.0000917
%RSD	46.67326	624.3303	96.01975

#1	-.002611	-.002481	.0001993
#2	-.007191	.002102	.0000612
#3	-.007184	.001585	.0000258

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1671.187	22686.01	5148.312	1155.801	1902.212
Stddev	8.563	56.48	92.973	5.540	7.312
%RSD	.5124150	.2489675	1.805901	.4793474	.3843978

#1	1679.613	22695.46	5255.549	1150.429	1909.448
#2	1671.454	22737.17	5099.080	1161.496	1902.361
#3	1662.493	22625.40	5090.307	1155.477	1894.826

Sample Name: PB124086BL Acquired: 10/18/2019 15:14:30 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB124086BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000627	.0013424	.0020226	.0013452	-.000617	-.010712	-.001005
Stddev	.002614	.0021391	.0016970	.0007142	.002280	.003379	.000733
%RSD	417.1137	159.3472	83.89816	53.08947	369.3696	31.54397	72.97011

#1	-.001912	-.000175	.0016265	.0013733	-.002918	-.007061	-.001846
#2	.002381	.000413	.0005588	.0006174	-.000576	-.013729	-.000667
#3	-.002349	.003789	.0038826	.0020450	.001642	-.011348	-.000502

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000094	.0000394	.0041119	-.000251	-.000041	-.000088	-.005980
Stddev	.000120	.0002381	.0102945	.000201	.000048	.000938	.005426
%RSD	127.6091	604.5624	250.3570	79.88824	116.0162	1072.238	90.74296

#1	-.000173	.0002474	.0043232	-.000225	-.000049	.000992	-.009059
#2	-.000153	.0000911	.0142991	-.000463	-.000085	-.000546	.000286
#3	.000044	-.000220	-.006287	-.000065	.000010	-.000709	-.009166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000175	-.011389	.0004642	.0004019	-.007683	-.000055	-.000598
Stddev	.000265	.014128	.0002689	.0003539	.008417	.005419	.000505
%RSD	151.5752	124.0529	57.91879	88.06226	109.5592	9855.455	84.44272

#1	-.000135	-.020856	.0002228	.0007463	-.017374	-.004389	-.000734
#2	.000068	.004850	.0004159	.0000392	-.002201	-.001797	-.000039
#3	-.000457	-.018160	.0007540	.0004203	-.003473	.006021	-.001023

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.020451	.0115243	.0002322	-.002815	-.001280	-.010377	.0003748
Stddev	.029469	.0016143	.0000907	.000088	.001523	.018839	.0007003
%RSD	144.0924	14.00760	39.08876	3.129280	118.9810	181.5352	186.8384

#1	-.019141	.0100070	.0003369	-.002900	-.000980	.003339	.0006806
#2	-.050553	.0132206	.0001763	-.002724	-.002931	-.002614	.0008702
#3	.008340	.0113452	.0001833	-.002821	.000070	-.031857	-.000426

Sample Name: PB124086BL Acquired: 10/18/2019 15:14:30 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB124086BL Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.006677	-.000462	-.000064
Stddev	.000875	.001679	.000042
%RSD	13.09929	363.3869	65.97590

#1	-.006829	-.002111	-.000056
#2	-.007465	-.000521	-.000109
#3	-.005736	.001246	-.000026

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1670.993	22499.62	5183.688	1155.145	1896.339
Stddev	2.338	157.34	3.815	6.430	1.193
%RSD	.1399305	.6993154	.0735961	.5566116	.0628975

#1	1673.324	22357.88	5183.288	1157.827	1897.542
#2	1668.648	22472.07	5180.089	1147.808	1896.318
#3	1671.006	22668.92	5187.688	1159.799	1895.157

Sample Name: K5420-09 Acquired: 10/18/2019 15:18:34 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2111586	.0889063	.4265038	-.289694	.0270142	134.5566
Stddev	.0052138	.0051193	.0080427	.005834	.0028259	2.6369
%RSD	2.469132	5.758136	1.885718	2.013843	10.46062	1.959668

#1	.2073142	.0830101	.4175677	-.286798	.0237513	131.6284
#2	.2170931	.0922209	.4331613	-.296410	.0286183	135.2981
#3	.2090684	.0914877	.4287825	-.285875	.0286729	136.7434

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6911555	.0028645	-.006728	516.6519	-.030175	.3703527
Stddev	.0134026	.0002331	.001357	9.2639	.001705	.0026752
%RSD	1.939154	8.136757	20.16640	1.793058	5.650588	.7223403

#1	.6760935	.0028552	-.005209	506.1805	-.028333	.3679878
#2	.6956077	.0031021	-.007820	519.9949	-.030494	.3698140
#3	.7017655	.0026362	-.007154	523.7802	-.031699	.3732562

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.023092	F 900.7922	10.52822	87.84424	.1019460	.0061569
Stddev	.009354	16.0681	.18761	1.69105	.0110218	.0017925
%RSD	.2325166	1.783770	1.781991	1.925050	10.81137	29.11402

#1	4.031968	883.0066	10.31289	85.93932	.1127185	.0041690
#2	4.023985	905.1096	10.61531	88.42509	.1024287	.0066515
#3	4.013324	914.2606	10.65645	89.16832	.0906908	.0076501

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.95920	.5475201	1.107819	27.26393	7.255517	.0075128
Stddev	1.09867	.0092547	.003072	.53876	.065124	.0003958
%RSD	1.999067	1.690298	.2773200	1.976073	.8975857	5.268669

#1	53.72716	.5384780	1.110289	26.64760	7.180421	.0079551
#2	55.31326	.5471087	1.104379	27.49891	7.296475	.0071917
#3	55.83719	.5569737	1.108789	27.64529	7.289654	.0073916

Sample Name: K5420-09 Acquired: 10/18/2019 15:18:34 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016041	5.544086	4.118548	F 20.84879	12.00774	.1548823
Stddev	.001224	.104084	.011697	.08010	.04187	.0046408
%RSD	7.628167	1.877379	.2840183	.3842161	.3487153	2.996323
#1	-.017186	5.424604	4.111487	20.75780	11.97621	.1499673
#2	-.014751	5.592587	4.112107	20.87986	11.99175	.1554906
#3	-.016185	5.615068	4.132050	20.90870	12.05525	.1591889

Elem	Sr4077
Units	ppm
Avg	-.228079
Stddev	.004134
%RSD	1.812677
#1	-.223877
#2	-.228218
#3	-.232142

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2520.497	33787.94	8538.522	1709.185	1945.362
Stddev	6.281	103.36	15.666	7.163	8.099
%RSD	.2491935	.3058945	.1834780	.4191084	.4163235
#1	2524.942	33793.01	8536.174	1717.377	1953.615
#2	2513.312	33682.14	8524.161	1704.098	1937.426
#3	2523.238	33888.66	8555.229	1706.081	1945.044

Sample Name: K5420-11 Acquired: 10/18/2019 15:22:23 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3724101	.1014424	.6520652	-.346026	.0324614	203.9222
Stddev	.0076858	.0057259	.0096307	.005951	.0029541	2.7871
%RSD	2.063806	5.644507	1.476948	1.719719	9.100280	1.366729

#1	.3807440	.0961215	.6421434	-.342521	.0342830	200.8434
#2	.3656010	.1007041	.6613756	-.342660	.0340481	206.2731
#3	.3708852	.1075017	.6526765	-.352897	.0290530	204.6501

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5848822	.0027694	-.002121	466.6372	.2973212	.3842768
Stddev	.0088651	.0006536	.001515	6.2362	.0037942	.0014210
%RSD	1.515711	23.60114	71.43658	1.336421	1.276116	.3697905

#1	.5750598	.0031498	-.000536	459.7792	.3008665	.3839013
#2	.5922895	.0031438	-.002273	471.9679	.2933194	.3830813
#3	.5872975	.0020147	-.003555	468.1644	.2977776	.3858479

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.789552	F 986.9860	11.05130	142.8309	.2386838	.0021924
Stddev	.012425	15.7283	.17373	1.6712	.0090268	.0013850
%RSD	.3278809	1.593564	1.572066	1.170062	3.781916	63.17237

#1	3.802490	968.8750	10.85855	141.0020	.2490906	.0008867
#2	3.788454	994.8698	11.19584	144.2785	.2339873	.0036449
#3	3.777713	997.2132	11.09950	143.2122	.2329734	.0020455

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.28740	1.031521	2.393389	25.04642	8.101642	.0051956
Stddev	.66543	.015977	.018848	.55337	.061443	.0004834
%RSD	2.060971	1.548854	.7875144	2.209376	.7583967	9.303566

#1	31.52344	1.014001	2.398692	24.41691	8.041233	.0050468
#2	32.59819	1.045286	2.372457	25.26630	8.164068	.0048041
#3	32.74058	1.035276	2.409018	25.45606	8.099624	.0057359

Sample Name: K5420-11 Acquired: 10/18/2019 15:22:23 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-6 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015421	6.877924	1.472237	F 18.76107	6.975411	.2555289
Stddev	.001736	.097015	.039657	.03681	.032377	.0047767
%RSD	11.25494	1.410524	2.693642	.1961947	.4641526	1.869319

#1	-.014115	6.771497	1.455702	18.79932	7.008326	.2500225
#2	-.014758	6.961416	1.517486	18.75801	6.974305	.2580051
#3	-.017391	6.900860	1.443523	18.72589	6.943602	.2585590

Elem	Sr4077
Units	ppm
Avg	-.475008
Stddev	.009982
%RSD	2.101379

#1	-.463997
#2	-.477565
#3	-.483463

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2306.798	31235.96	7869.169	1570.276	1982.734
Stddev	1.087	135.29	58.565	12.514	1.037
%RSD	.0471346	.4331235	.7442348	.7969065	.0523091

#1	2308.044	31222.60	7828.159	1566.773	1981.602
#2	2306.309	31377.43	7843.106	1584.168	1983.639
#3	2306.041	31107.84	7936.241	1559.888	1982.961

Sample Name: K5420-13 Acquired: 10/18/2019 15:26:10 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1717114	.0536746	1.763440	-.114615	.0217846	127.9192	.8428245
Stddev	.0003499	.0028502	.009838	.001869	.0026038	3.1297	.0219384
%RSD	.2037852	5.310068	.5579069	1.630822	11.95261	2.446619	2.602961

#1	.1717136	.0507761	1.757838	-.116066	.0189413	124.3297	.8177409
#2	.1720602	.0537737	1.774800	-.115274	.0240527	129.3512	.8523001
#3	.1713604	.0564738	1.757683	-.112506	.0223599	130.0766	.8584326

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003323	.0005086	63.02522	.1567226	.1205567	1.485637	329.4503
Stddev	.000222	.0006900	1.68378	.0005732	.0003974	.000486	5.5657
%RSD	6.679647	135.6729	2.671591	.3657426	.3296634	.0327402	1.689400

#1	-.003577	.0012813	61.09407	.1570202	.1201359	1.485797	323.3039
#2	-.003169	-.000046	63.79563	.1560618	.1209257	1.486023	330.8978
#3	-.003222	.000290	64.18596	.1570858	.1206085	1.485091	334.1493

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.640379	63.31501	.2433916	-.001899	4.151015	.3698769	2.911369
Stddev	.124191	1.81303	.0024163	.000502	.074653	.0174065	.023886
%RSD	2.676311	2.863513	.9927774	26.45613	1.798434	4.706030	.8204417

#1	4.498530	61.22591	.2461814	-.002460	4.068952	.3498179	2.915541
#2	4.693073	64.24194	.2419608	-.001491	4.169194	.3810090	2.932894
#3	4.729536	64.47718	.2420325	-.001745	4.214901	.3788037	2.885672

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.11309	.5587461	.0002190	.0606662	1.271061	4.577062	8.310458
Stddev	.17951	.0111855	.0001032	.0020482	.030598	.123597	.022254
%RSD	1.615280	2.001900	47.10791	3.376189	2.407294	2.700359	.2677819

#1	10.90700	.5459675	.0003070	.0592513	1.236125	4.717817	8.284795
#2	11.19693	.5635083	.0002445	.0630148	1.293096	4.527113	8.322153
#3	11.23533	.5667625	.0001055	.0597323	1.283962	4.486257	8.324426

Sample Name: K5420-13 Acquired: 10/18/2019 15:26:10 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SP-1 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.063195	.2000826	-.084962
Stddev	.013125	.0051913	.001847
%RSD	.6361403	2.594580	2.173677

#1	2.048723	.1941398	-.086625
#2	2.066535	.2037337	-.082974
#3	2.074327	.2023743	-.085285

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1878.803	25012.44	6082.499	1286.296	1923.945
Stddev	2.307	21.39	62.535	12.176	5.076
%RSD	.1227671	.0855267	1.028106	.9466109	.2638283

#1	1878.409	25036.84	6151.395	1283.432	1929.795
#2	1881.280	24996.94	6029.326	1275.807	1921.328
#3	1876.718	25003.54	6066.776	1299.649	1920.712

Sample Name: K5436-04 Acquired: 10/18/2019 15:30:00 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0670727	.0243457	1.089039	-.043742	.0283107	61.15054	.4559401
Stddev	.0026312	.0046183	.007171	.003900	.0011346	2.34389	.0162709
%RSD	3.922983	18.96973	.6585044	8.915147	4.007503	3.832986	3.568649

#1	.0695791	.0203528	1.096418	-.039244	.0295825	58.46388	.4373150
#2	.0643323	.0294035	1.088606	-.046171	.0279469	62.77709	.4673905
#3	.0673067	.0232809	1.082095	-.045811	.0274026	62.21065	.4631149

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002625	-.001664	149.7904	.2306035	.0252296	.1428358	173.9682
Stddev	.000357	.000447	5.6833	.0013421	.0004203	.0026172	3.5826
%RSD	13.60931	26.87718	3.794176	.5820055	1.665979	1.832287	2.059368

#1	-.002902	-.001289	143.2555	.2316339	.0250894	.1456818	169.8434
#2	-.002750	-.002159	153.5787	.2310908	.0257022	.1405327	175.7567
#3	-.002222	-.001545	152.5370	.2290858	.0248974	.1422928	176.3044

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8554793	11.01722	.0817995	-.002844	4.077355	.3040208	.8345514
Stddev	.0299313	.33574	.0026690	.000363	.108718	.0126209	.0039086
%RSD	3.498772	3.047414	3.262847	12.74813	2.666379	4.151316	.4683492

#1	.8211034	10.63339	.0833836	-.003137	3.959765	.2895921	.8378131
#2	.8757664	11.16193	.0832969	-.002957	4.098083	.3130085	.8356221
#3	.8695682	11.25634	.0787180	-.002439	4.174215	.3094619	.8302191

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.938722	.0354988	.0003832	.0100354	.6400738	3.819251	3.422034
Stddev	.183857	.0010134	.0001532	.0014205	.0175252	.011839	.016241
%RSD	1.849901	2.854858	39.96657	14.15527	2.738003	.3099848	.4745878

#1	9.746548	.0349786	.0002542	.0110733	.6198759	3.810306	3.438526
#2	9.956675	.0348511	.0003430	.0084165	.6512532	3.814770	3.421518
#3	10.11294	.0366667	.0005525	.0106165	.6490923	3.832676	3.406057

Sample Name: K5436-04 Acquired: 10/18/2019 15:30:00 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SP-2 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.045020	.0439623	.0963431
Stddev	.007415	.0048414	.0052352
%RSD	.3625692	11.01250	5.433860

#1	2.050089	.0383740	.0907187
#2	2.048462	.0466268	.1010740
#3	2.036510	.0468862	.0972365

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1725.047	22871.75	5560.926	1170.317	1877.942
Stddev	7.260	122.07	100.506	11.703	9.358
%RSD	.4208425	.5337080	1.807356	.9999934	.4983183

#1	1720.748	22788.98	5669.322	1161.946	1873.062
#2	1720.965	22814.34	5470.823	1165.315	1872.033
#3	1733.429	23011.95	5542.632	1183.690	1888.731

Sample Name: K5436-04DUP Acquired: 10/18/2019 15:33:53 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 3425-28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0650779	.0290036	1.099295	-.043884	.0268452	61.26784	.4453939
Stddev	.0035507	.0008753	.014653	.002012	.0038993	2.41007	.0168911
%RSD	5.456095	3.018017	1.332927	4.584026	14.52527	3.933660	3.792394

#1	.0613455	.0284969	1.083690	-.042739	.0225846	58.56443	.4264086
#2	.0654748	.0300144	1.101435	-.042707	.0302365	62.04762	.4510165
#3	.0684136	.0284996	1.112760	-.046207	.0277143	63.19148	.4587565

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002947	-.000588	168.7492	.2248104	.0253750	.1441174	173.2445
Stddev	.000216	.000485	6.5760	.0091018	.0004106	.0029445	4.5023
%RSD	7.314763	82.40331	3.896908	4.048632	1.617956	2.043156	2.598801

#1	-.002706	-.000046	161.3106	.2299885	.0250068	.1474427	168.2530
#2	-.003012	-.000738	171.1479	.2143010	.0253004	.1430690	174.4815
#3	-.003122	-.000981	173.7892	.2301418	.0258177	.1418405	176.9990

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8572133	11.22325	.0866795	-.002440	4.036150	.3059826	.8148250
Stddev	.0335417	.48406	.0015077	.000941	.135147	.0163772	.0306473
%RSD	3.912878	4.312982	1.739412	38.57762	3.348424	5.352347	3.761211

#1	.8201070	10.67605	.0881138	-.003407	3.883503	.2878148	.8339738
#2	.8661545	11.39815	.0851078	-.001527	4.084383	.3196121	.7794776
#3	.8853784	11.59554	.0868169	-.002387	4.140563	.3105210	.8310237

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.953007	.0263116	.0001167	.0096851	.6445583	3.893740	3.508348
Stddev	.322558	.0106600	.0005517	.0012208	.0211599	.016482	.082679
%RSD	3.240813	40.51457	472.7578	12.60544	3.282851	.4233043	2.356625

#1	9.583639	.0146281	.0005650	.0096887	.6204093	3.874881	3.472646
#2	10.09623	.0287979	-.000499	.0084624	.6534143	3.900949	3.449521
#3	10.17916	.0355087	.000285	.0109041	.6598513	3.905390	3.602879

Sample Name: K5436-04DUP Acquired: 10/18/2019 15:33:53 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 3425-28 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.100570	.0443764	.1198821
Stddev	.040210	.0029516	.0073788
%RSD	1.914236	6.651194	6.155078

#1	2.069089	.0410416	.1115142
#2	2.086754	.0454351	.1226768
#3	2.145866	.0466527	.1254554

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1699.226	23229.22	5517.900	1189.068	1848.975
Stddev	31.882	651.36	68.232	44.579	37.462
%RSD	1.876288	2.804051	1.236565	3.749041	2.026114

#1	1718.503	22928.67	5596.678	1158.725	1872.269
#2	1716.749	23976.59	5477.454	1240.249	1868.895
#3	1662.425	22782.40	5479.566	1168.228	1805.761

Sample Name: K5436-04LX5 Acquired: 10/18/2019 15:37:47 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 3860-50 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138213	.0042372	.2253467	.0019126	.0103952	12.26287	.0895128
Stddev	.0051341	.0006673	.0012462	.0047460	.0025211	.84666	.0073582
%RSD	37.14617	15.74777	.5529962	248.1492	24.25256	6.904249	8.220245

#1	.0111030	.0035105	.2239689	-.002622	.0081514	11.28686	.0810233
#2	.0197431	.0043788	.2263950	.001514	.0099108	12.70206	.0934602
#3	.0106179	.0048223	.2256761	.006845	.0131233	12.79970	.0940550

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000965	-.000573	34.25669	.0476473	.0048277	.0308327	35.18917
Stddev	.000071	.000148	2.30602	.0002474	.0003400	.0009790	1.03803
%RSD	7.401505	25.88245	6.731583	.5192030	7.041772	3.175052	2.949860

#1	-.001041	-.000463	31.59692	.0479296	.0049951	.0319441	33.99894
#2	-.000900	-.000742	35.47728	.0475440	.0044366	.0300980	35.66170
#3	-.000953	-.000515	35.69586	.0474684	.0050516	.0304561	35.90687

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1758289	2.291365	.0182107	-.000769	.7476739	.0613997	.1703460
Stddev	.0120927	.140374	.0011221	.000677	.0250843	.0014068	.0015557
%RSD	6.877549	6.126206	6.161586	87.97261	3.354982	2.291201	.9132731

#1	.1618680	2.129291	.0195056	-.000871	.7187175	.0601176	.1697199
#2	.1825805	2.370416	.0175248	-.001389	.7615428	.0611770	.1721172
#3	.1830384	2.374387	.0176016	-.000047	.7627613	.0629046	.1692008

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.918722	.0102458	-.002299	-.002071	.1294120	.7584549	.6932560
Stddev	.093417	.0023001	.000530	.000472	.0091401	.0149703	.0044117
%RSD	4.868717	22.44959	23.06014	22.79819	7.062815	1.973794	.6363748

#1	1.831649	.0123103	-.002433	-.002129	.1192623	.7514136	.6934389
#2	1.907119	.0077665	-.002748	-.001572	.1319810	.7483035	.6975734
#3	2.017399	.0106605	-.001714	-.002511	.1369927	.7756477	.6887557

Sample Name: K5436-04LX5 Acquired: 10/18/2019 15:37:47 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 3860-50 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4012488	.0069295	.0244001
Stddev	.0086754	.0020141	.0034354
%RSD	2.162108	29.06527	14.07944

#1	.4099629	.0046996	.0204413
#2	.4011710	.0074724	.0261598
#3	.3926126	.0086164	.0265991

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1678.472	22493.00	5394.054	1155.223	1878.719
Stddev	3.046	18.10	223.979	9.484	2.090
%RSD	.1815018	.0804735	4.152329	.8209885	.1112291

#1	1681.970	22473.42	5652.595	1156.785	1877.515
#2	1677.046	22496.47	5258.923	1145.054	1881.132
#3	1676.401	22509.12	5270.646	1163.829	1877.510

Sample Name: K5436-04MS Acquired: 10/18/2019 15:41:48 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 3860-50DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7977978	1.889232	1.977914	1.699606	.1997006	77.12907	.5884103
Stddev	.0005108	.003846	.004328	.002560	.0031665	3.58275	.0274251
%RSD	.0640265	.2035693	.2188192	.1506469	1.585625	4.645138	4.660879
#1	.7976807	1.885114	1.977399	1.702489	.1960444	73.55222	.5607062
#2	.7973557	1.889851	1.973867	1.697597	.2015003	77.11730	.5889771
#3	.7983570	1.892731	1.982477	1.698734	.2015572	80.71769	.6155477
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1873358	.2040266	15.46052	.6346382	.2140449	.4639334	192.0126
Stddev	.0039786	.0005322	.74175	.0015552	.0022424	.0040691	4.3118
%RSD	2.123786	.2608239	4.797692	.2450544	1.047625	.8770903	2.245592
#1	.1832312	.2044223	14.74600	.6331717	.2156012	.4685524	187.2473
#2	.1876008	.2042357	15.40878	.6344740	.2114746	.4608778	193.1462
#3	.1911752	.2034216	16.22679	.6362691	.2150589	.4623700	195.6444
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.024167	12.61446	.5535778	.0705607	7.099655	.6235358	1.009826
Stddev	.044168	.67840	.0067716	.0016542	.180964	.0312747	.001097
%RSD	4.312584	5.377963	1.223252	2.344437	2.548907	5.015697	.1086657
#1	.979043	11.91587	.5613957	.0687501	6.910580	.5942764	1.008906
#2	1.026147	12.65681	.5497955	.0709388	7.117149	.6198347	1.009532
#3	1.067312	13.27069	.5495423	.0719931	7.271237	.6564964	1.011040
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.79372	.2761773	.3421248	.6457499	.8963075	4.983611	8.657303
Stddev	.58237	.0088368	.0003753	.0013296	.0363700	.072757	.023477
%RSD	2.554946	3.199673	.1096902	.2059027	4.057757	1.459933	.2711771
#1	22.16059	.2694929	.3420068	.6472778	.8588821	5.066261	8.675191
#2	22.91402	.2861961	.3425449	.6448549	.8985193	4.955340	8.630719
#3	23.30654	.2728428	.3418228	.6451171	.9315211	4.929232	8.665999

Sample Name: K5436-04MS Acquired: 10/18/2019 15:41:48 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 3860-50DUP Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.981915	.2486278	.1038988
Stddev	.005002	.0130081	.0091710
%RSD	.2523681	5.231970	8.826851

#1	1.986423	.2356151	.0950932
#2	1.982787	.2486368	.1032071
#3	1.976535	.2616314	.1133961

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1749.060	23262.47	5469.696	1200.146	1921.442
Stddev	5.405	98.39	128.663	4.560	3.006
%RSD	.3090348	.4229474	2.352289	.3799467	.1564293

#1	1755.293	23338.04	5587.376	1194.882	1923.687
#2	1746.232	23298.16	5489.392	1202.663	1922.612
#3	1745.656	23151.22	5332.321	1202.892	1918.027

Sample Name: K5436-04MSD Acquired: 10/18/2019 15:45:35 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7969882	1.879144	1.976603	1.697309	.2053967	76.41396	.5852608
Stddev	.0201940	.041202	.033856	.037980	.0044017	2.19234	.0162343
%RSD	2.533794	2.192569	1.712829	2.237651	2.143031	2.869033	2.773860

#1	.8024580	1.879239	1.978249	1.685214	.2003177	73.92202	.5667282
#2	.8138840	1.920297	2.009605	1.739863	.2081039	77.27382	.5920855
#3	.7746228	1.837894	1.941954	1.666849	.2077685	78.04602	.5969686

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1881533	.2038227	15.24166	.6403055	.2133383	.4629872	191.4743
Stddev	.0021953	.0004193	.47710	.0032914	.0047873	.0028885	4.1412
%RSD	1.166764	.2057260	3.130251	.5140425	2.243988	.6238858	2.162773

#1	.1858180	.2038513	14.69119	.6422920	.2136806	.4658961	186.9226
#2	.1901748	.2033898	15.49789	.6421183	.2179452	.4629459	192.4812
#3	.1884671	.2042269	15.53591	.6365062	.2083890	.4601195	195.0192

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.018636	12.47836	.5530676	.0708409	7.133143	.6131574	1.022643
Stddev	.028680	.32500	.0138442	.0006030	.184113	.0147313	.007710
%RSD	2.815520	2.604488	2.503157	.8511831	2.581092	2.402536	.7539364

#1	.985585	12.10818	.5551642	.0701466	6.924052	.5976436	1.023018
#2	1.033349	12.61007	.5657439	.0711422	7.204398	.6148723	1.014753
#3	1.036973	12.71683	.5382947	.0712339	7.270980	.6269562	1.030159

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.89505	.2780176	.3446790	.6433494	.8965828	5.060629	8.625610
Stddev	.61909	.0145523	.0068155	.0132714	.0219646	.062945	.173242
%RSD	2.704013	5.234310	1.977338	2.062859	2.449813	1.243819	2.008463

#1	22.18939	.2614689	.3442878	.6401095	.8720349	5.110086	8.615505
#2	23.14892	.2837671	.3516816	.6579408	.9033347	4.989775	8.803684
#3	23.34685	.2888169	.3380675	.6319980	.9143789	5.082025	8.457642

Sample Name: K5436-04MSD Acquired: 10/18/2019 15:45:35 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.964943	.2457114	.1025476
Stddev	.034747	.0075527	.0031132
%RSD	1.768354	3.073814	3.035887

#1	1.966621	.2370081	.0989564
#2	1.998820	.2495798	.1044830
#3	1.929387	.2505462	.1042034

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1752.623	23289.94	5510.727	1203.135	1929.691
Stddev	35.073	86.42	29.777	2.612	38.048
%RSD	2.001172	.3710439	.5403400	.2171267	1.971697

#1	1748.170	23202.42	5543.128	1201.893	1929.743
#2	1719.989	23292.18	5484.562	1206.136	1891.617
#3	1789.710	23375.21	5504.491	1201.375	1967.713

Sample Name: CCV03 Acquired: 10/18/2019 15:49:23 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 3860-50MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.050159	5.011889	5.016078	5.053712	5.056066	9.827540	10.01341
Stddev	.001675	.003699	.012769	.017991	.010617	.584879	.60253
%RSD	.0331699	.0738065	.2545674	.3560033	.2099833	5.951426	6.017209

#1	5.051924	5.012247	5.010339	5.072031	5.057464	9.155382	9.32079
#2	5.049961	5.015396	5.007185	5.053038	5.044819	10.10673	10.30272
#3	5.048591	5.008024	5.030710	5.036067	5.065914	10.22050	10.41671

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2513334	2.566943	24.65202	1.014663	2.510468	1.278359	5.014736
Stddev	.0085670	.007292	1.52986	.004556	.004700	.003159	.128690
%RSD	3.408632	.2840615	6.205826	.4490353	.1872250	.2471161	2.566232

#1	.2414515	2.561217	22.89914	1.015573	2.515692	1.275277	4.867879
#2	.2558801	2.564459	25.33865	1.018696	2.509128	1.278209	5.068518
#3	.2566686	2.575152	25.71829	1.009720	2.506583	1.281590	5.107810

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.483152	24.73445	2.536502	1.260772	24.87707	2.465698	2.541601
Stddev	.156113	1.41054	.004845	.004800	.67802	.142076	.007953
%RSD	6.286903	5.702741	.1910224	.3807127	2.725495	5.762097	.3129131

#1	2.303058	23.10840	2.538206	1.261654	24.13265	2.304366	2.547922
#2	2.566417	25.46618	2.531035	1.265070	25.03930	2.520586	2.544209
#3	2.579980	25.62877	2.540265	1.255592	25.45926	2.572142	2.532671

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.78755	5.066603	5.021739	5.001621	4.970901	4.980050	5.052546
Stddev	.66174	.176624	.004905	.005023	.291820	.118873	.018577
%RSD	2.669656	3.486036	.0976788	.1004203	5.870574	2.386986	.3676716

#1	24.09720	4.863279	5.027179	4.996321	4.635371	4.857031	5.072243
#2	24.84905	5.154464	5.017654	5.006310	5.111759	4.988828	5.050053
#3	25.41639	5.182065	5.020384	5.002233	5.165572	5.094290	5.035342

Sample Name: CCV03 Acquired: 10/18/2019 15:49:23 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 3860-50MS Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.938955	4.919497	4.997669
Stddev	.004559	.300449	.296288
%RSD	.0923117	6.107310	5.928528

#1	4.940524	4.573867	4.657780
#2	4.933819	5.066338	5.133798
#3	4.942523	5.118286	5.201428

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1632.921	21815.34	5232.342	1112.981	1748.691
Stddev	2.481	95.27	186.481	4.676	3.953
%RSD	.1519559	.4367267	3.563997	.4200959	.2260697

#1	1630.065	21793.36	5447.307	1109.443	1744.132
#2	1634.150	21732.98	5114.007	1111.218	1751.167
#3	1634.548	21919.69	5135.714	1118.282	1750.773

Sample Name: CCB03 Acquired: 10/18/2019 16:01:09 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 3860-50MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004182	-.001813	.0027981	.0019634	-.000034	-.006962	-.000508
Stddev	.001432	.001754	.0027457	.0002976	.002152	.011269	.000595
%RSD	34.24408	96.72959	98.12578	15.15613	6383.500	161.8566	117.2222

#1	-.004063	.000182	.0046737	.0022841	.002095	-.008522	-.001102
#2	-.002813	-.002512	-.000353	.0019099	.000012	-.017369	.000088
#3	-.005670	-.003109	.004074	.0016962	-.002208	.005005	-.000510

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000276	-.000084	.0074513	-.000302	-.000439	.0002449	-.001542
Stddev	.0000763	.000100	.0051575	.000140	.000325	.0007678	.012383
%RSD	276.0596	120.1945	69.21571	46.31316	73.93465	313.4873	802.8921

#1	-.000035	.000032	.0116217	-.000275	-.000815	.0005497	.000894
#2	.000005	-.000147	.0016844	-.000454	-.000253	-.000628	.009441
#3	.000113	-.000136	.0090479	-.000178	-.000250	.000813	-.014962

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000062	.0222246	-.000274	-.000330	-.040166	.0014536	.0001413
Stddev	.000193	.0065605	.000695	.000273	.001645	.0057703	.0003558
%RSD	311.0789	29.51925	253.2534	82.87953	4.095085	396.9672	251.7854

#1	-.000182	.0152132	-.000624	-.000241	-.040250	.0080864	.0000396
#2	-.000164	.0232461	.000526	-.000636	-.041767	-.001315	.0005369
#3	.000160	.0282145	-.000724	-.000112	-.038480	-.002411	-.000153

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135050	.0075303	.0003877	-.001938	-.000107	-.012857	.0006379
Stddev	.0270130	.0010385	.0001801	.000846	.001006	.018318	.0001915
%RSD	200.0229	13.79033	46.45033	43.67792	942.4912	142.4773	30.02289

#1	.0440135	.0086422	.0004848	-.002814	-.000808	-.011038	.0005637
#2	-.007373	.0065856	.0001799	-.001125	.001046	.004484	.0008554
#3	.003874	.0073631	.0004984	-.001874	-.000558	-.032015	.0004946

Sample Name: CCB03 Acquired: 10/18/2019 16:01:09 Type: Unk
 Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 3860-50MSD Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.007598	-.000596	-.000103
Stddev	.001143	.002508	.000011
%RSD	15.04995	420.7464	11.05017

#1	-.008381	-.003306	-.000114
#2	-.008127	-.000126	-.000091
#3	-.006286	.001644	-.000105

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1670.983	22228.26	5109.303	1142.445	1906.147
Stddev	13.112	78.33	9.270	14.611	13.151
%RSD	.7846866	.3523675	.1814412	1.278951	.6899019

#1	1675.124	22273.65	5113.927	1145.963	1912.466
#2	1656.301	22137.82	5098.630	1126.396	1891.030
#3	1681.525	22273.30	5115.352	1154.976	1914.946

Sample Name: K5420-15 Acquired: 10/18/2019 16:10:21 Type: Unk
 Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: SP-2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1502851	.0497047	1.733504	-.112820	.0226498	163.1330	.8551875
Stddev	.0030333	.0047640	.001754	.003535	.0045260	15.0820	.0785051
%RSD	2.018349	9.584515	.1011594	3.133279	19.98265	9.245234	9.179869

#1	.1516682	.0467640	1.733451	-.116796	.0275404	150.8233	.7919261
#2	.1523804	.0471490	1.731777	-.110035	.0186087	158.6191	.8305906
#3	.1468068	.0552012	1.735283	-.111628	.0218003	179.9565	.9430458

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001128	-.000399	93.11576	.2060929	.1334102	1.210315	332.7158
Stddev	.000247	.001095	8.49831	.0117250	.0012626	.004336	9.5576
%RSD	21.88795	274.8004	9.126604	5.689156	.9464407	.3582483	2.872591

#1	-.001324	.000675	86.18762	.2015803	.1329581	1.214989	323.1980
#2	-.000851	-.000355	90.56135	.2194037	.1324358	1.209532	332.6369
#3	-.001210	-.001515	102.5983	.1972948	.1348367	1.206424	342.3126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.723747	79.99744	.3049910	-.004183	10.09579	.3671343	2.537863
Stddev	.412265	7.04125	.0075093	.001921	.27891	.0347070	.073639
%RSD	8.727494	8.801849	2.462131	45.92406	2.762592	9.453485	2.901601

#1	4.380987	74.26230	.3110681	-.005116	9.82163	.3368153	2.506598
#2	4.609033	77.87399	.3073090	-.005459	10.08652	.3595970	2.621975
#3	5.181219	87.85604	.2965961	-.001974	10.37921	.4049905	2.485014

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.53258	.5032639	-.000403	.0448503	1.614028	4.586188	7.441222
Stddev	.32369	.0016227	.000682	.0002151	.130296	.071709	.027025
%RSD	2.391949	.3224310	169.1674	.4796323	8.072741	1.563594	.3631776

#1	13.17671	.5014950	.000209	.0447714	1.508854	4.618958	7.466954
#2	13.61158	.5046835	-.001138	.0450936	1.573443	4.635657	7.443645
#3	13.80947	.5036132	-.000280	.0446856	1.759786	4.503948	7.413067

Sample Name: K5420-15 Acquired: 10/18/2019 16:10:21 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SP-2 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.707463	.2507630	-.017378
Stddev	.016761	.0227214	.020126
%RSD	.6190601	9.060916	115.8137

#1	2.721891	.2317619	-.031461
#2	2.689078	.2445957	-.026346
#3	2.711421	.2759314	.005673

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1863.781	24456.22	5912.062	1262.498	1880.389
Stddev	4.854	744.47	353.007	29.189	6.551
%RSD	.2604382	3.044084	5.970965	2.311974	.3484023

#1	1858.508	24788.31	6177.158	1272.812	1872.954
#2	1868.062	23603.51	6047.669	1229.553	1885.317
#3	1864.772	24976.85	5511.359	1285.129	1882.894

Sample Name: K5436-01 Acquired: 10/18/2019 16:14:10 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 3425-28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0511547	.0328197	.4864546	-.071831	.0089541	78.69472	.3433417
Stddev	.0043473	.0028694	.0019514	.002714	.0010713	7.19175	.0315608
%RSD	8.498318	8.742885	.4011493	3.778468	11.96444	9.138802	9.192248

#1	.0541008	.0298103	.4846912	-.072618	.0079836	72.99541	.3183009
#2	.0532016	.0331242	.4861214	-.068810	.0101036	76.31372	.3329317
#3	.0461618	.0355248	.4885511	-.074064	.0087750	86.77502	.3787925

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002380	-.002616	15.92201	.2623208	.0207519	.1208117	187.1999
Stddev	.000179	.000166	1.51724	.0024300	.0000910	.0007586	5.5961
%RSD	7.522056	6.326988	9.529225	.9263362	.4384878	.6278854	2.989358

#1	-.002506	-.002454	14.74142	.2600302	.0207240	.1208158	181.3727
#2	-.002458	-.002610	15.39130	.2648695	.0208536	.1215682	187.6949
#3	-.002175	-.002784	17.63333	.2620627	.0206781	.1200511	192.5320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8267790	8.664129	.0625502	-.002310	1.817484	.2224334	.6920219
Stddev	.0771147	.748121	.0038176	.000668	.066039	.0222747	.0034242
%RSD	9.327117	8.634691	6.103232	28.91834	3.633539	10.01412	.4948104

#1	.7639294	8.072009	.0663744	-.002397	1.747038	.2020843	.6905641
#2	.8035768	8.415461	.0625370	-.002930	1.827425	.2189846	.6959337
#3	.9128309	9.504919	.0587393	-.001603	1.877989	.2462315	.6895678

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.75375	.0129833	.0067250	.0253435	.6627815	4.209439	3.833657
Stddev	.20470	.0295988	.0000922	.0001980	.0608542	.058518	.024521
%RSD	1.903562	227.9756	1.371390	.7811008	9.181639	1.390156	.6396320

#1	10.52770	.0271843	.0066602	.0255188	.6154333	4.274088	3.805609
#2	10.80696	.0328057	.0066842	.0251288	.6414907	4.160093	3.844327
#3	10.92660	-.021040	.0068306	.0253828	.7314205	4.194137	3.851036

Sample Name: K5436-01 Acquired: 10/18/2019 16:14:10 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 3425-28 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.226095	.0409163	-.071190
Stddev	.013379	.0073852	.006405
%RSD	1.091166	18.04940	8.997078

#1	1.217757	.0352411	-.074192
#2	1.219002	.0382418	-.075542
#3	1.241527	.0492662	-.063835

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1785.459	23709.92	5395.490	1230.201	1962.618
Stddev	4.983	116.73	337.619	10.050	3.193
%RSD	.2791156	.4923047	6.257422	.8169394	.1626687

#1	1785.198	23775.63	5624.452	1223.813	1963.564
#2	1790.569	23575.15	5554.264	1225.005	1965.230
#3	1780.612	23778.99	5007.753	1241.785	1959.059

Sample Name: K5436-04A Acquired: 10/18/2019 16:18:06 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA8656 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7908190	1.875808	1.980199	1.673723	.2051843	75.57331	.5838795
Stddev	.0034716	.009880	.003589	.006614	.0028743	2.43665	.0180412
%RSD	.4389933	.5266979	.1812277	.3951969	1.400855	3.224219	3.089890

#1	.7868162	1.868945	1.983733	1.676613	.2021157	72.76086	.5630482
#2	.7926332	1.871347	1.976558	1.678401	.2056234	77.04939	.5941239
#3	.7930077	1.887132	1.980306	1.666155	.2078138	76.90967	.5944663

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1878999	.2032281	15.17644	.6283737	.2126033	.4611092	189.0147
Stddev	.0020039	.0005138	.45537	.0011862	.0010173	.0018231	3.9980
%RSD	1.066476	.2528054	3.000484	.1887702	.4784952	.3953711	2.115159

#1	.1857218	.2027375	14.65181	.6296421	.2136868	.4624690	184.5042
#2	.1896654	.2031845	15.40833	.6281870	.2116687	.4618209	190.4183
#3	.1883125	.2037622	15.46919	.6272919	.2124544	.4590376	192.1216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.023246	12.47223	.5575034	.0697835	7.071490	.6104038	1.015146
Stddev	.031009	.45904	.0022751	.0010434	.191038	.0240650	.004852
%RSD	3.030430	3.680511	.4080834	1.495204	2.701517	3.942471	.4779257

#1	.988108	11.96191	.5598705	.0685934	6.865097	.5832346	1.019222
#2	1.034857	12.60329	.5553332	.0702163	7.107256	.6189384	1.016436
#3	1.046775	12.85148	.5573065	.0705409	7.242117	.6290383	1.009779

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.38886	.2653410	.3408862	.6426713	.8966174	4.997190	8.593830
Stddev	.56379	.0082027	.0008589	.0011051	.0253957	.070768	.016592
%RSD	2.518150	3.091394	.2519501	.1719505	2.832393	1.416153	.1930669

#1	21.74856	.2574912	.3415748	.6415605	.8673937	4.959425	8.607190
#2	22.60722	.2646756	.3411599	.6426829	.9133334	4.953315	8.575258
#3	22.81080	.2738562	.3399238	.6437705	.9091250	5.078829	8.599042

Sample Name: K5436-04A Acquired: 10/18/2019 16:18:06 Type: Unk
 Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSA8656 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.937974	.2471953	.1033964
Stddev	.008524	.0074689	.0055380
%RSD	.4398262	3.021435	5.356064

#1	1.932809	.2385719	.0970018
#2	1.933300	.2514058	.1066294
#3	1.947812	.2516084	.1065580

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1749.160	23439.51	5460.156	1210.538	1923.054
Stddev	3.058	38.59	53.452	4.408	5.173
%RSD	.1748369	.1646211	.9789462	.3641171	.2690006

#1	1745.631	23482.56	5520.010	1213.647	1917.360
#2	1750.829	23408.03	5417.181	1205.494	1927.464
#3	1751.022	23427.95	5443.277	1212.473	1924.337

Sample Name: K5420-01DLX10 Acquired: 10/18/2019 16:21:54 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0506090	.0036798	.0615231	-.014578	.0190772	24.34093	.0955642
Stddev	.0029242	.0006161	.0002234	.001900	.0004939	.83503	.0038792
%RSD	5.778050	16.74140	.3631392	13.03054	2.588837	3.430569	4.059263

#1	.0493436	.0043472	.0613764	-.016768	.0194723	23.37677	.0910849
#2	.0539528	.0031330	.0617802	-.013593	.0185235	24.81446	.0977868
#3	.0485305	.0035591	.0614126	-.013373	.0192358	24.83157	.0978208

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002681	-.002696	85.91247	.0327989	.0432591	.4385167	107.6230
Stddev	.000187	.000574	2.87080	.0005044	.0014990	.0032967	2.3032
%RSD	6.970548	21.27777	3.341540	1.537743	3.465057	.7517819	2.140098

#1	-.002849	-.002284	82.60634	.0322608	.0430874	.4387749	105.0020
#2	-.002480	-.002453	87.35668	.0328753	.0448365	.4416767	108.5431
#3	-.002714	-.003351	87.77438	.0332608	.0418533	.4350985	109.3241

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.809987	18.31848	.0419609	-.003650	2.029529	.1324312	.1880517
Stddev	.059021	.62123	.0039067	.000629	.052226	.0025623	.0005497
%RSD	3.260852	3.391269	9.310366	17.23511	2.573308	1.934842	.2923161

#1	1.743409	17.62473	.0413132	-.004286	1.977622	.1294915	.1881542
#2	1.830666	18.50739	.0461510	-.003637	2.028896	.1336108	.1874580
#3	1.855887	18.82333	.0384185	-.003028	2.082069	.1341912	.1885430

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.831349	.9443135	-.003131	-.001964	1.069002	.5046693	2.446642
Stddev	.077568	.0188248	.000505	.002196	.032737	.0125600	.080671
%RSD	2.739627	1.993493	16.11244	111.8065	3.062370	2.488749	3.297207

#1	2.744997	.9225850	-.002621	.000065	1.032419	.5001829	2.398172
#2	2.853925	.9546510	-.003630	-.004296	1.079050	.4949686	2.539767
#3	2.895125	.9557046	-.003143	-.001661	1.095537	.5188564	2.401988

Sample Name: K5420-01DLX10 Acquired: 10/18/2019 16:21:54 Type: Unk
 Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-1 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7128400	.0267352	-.020531
Stddev	.0226133	.0025246	.000765
%RSD	3.172283	9.442884	3.725529

#1	.6946211	.0238202	-.021245
#2	.7381487	.0282084	-.020623
#3	.7057502	.0281772	-.019724

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1712.357	23116.83	5473.860	1193.792	1814.142
Stddev	42.536	126.17	63.573	6.501	46.862
%RSD	2.484060	.5458075	1.161400	.5445870	2.583122

#1	1737.074	23053.32	5545.459	1186.460	1839.640
#2	1663.241	23035.03	5424.032	1196.061	1760.060
#3	1736.755	23262.14	5452.090	1198.855	1842.726

Sample Name: K5420-03DLX10 Acquired: 10/18/2019 16:25:51 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168985	.0086197	.0432304	-.016974	.0180789	36.15286	.0660431
Stddev	.0019112	.0001744	.0007856	.005006	.0021822	.87699	.0012249
%RSD	11.30986	2.022958	1.817245	29.49480	12.07028	2.425790	1.854654

#1	.0181147	.0084933	.0441365	-.019607	.0193681	35.16684	.0646295
#2	.0178853	.0088187	.0427406	-.011200	.0155594	36.44602	.0667890
#3	.0146957	.0085473	.0428141	-.020114	.0193092	36.84571	.0667109

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003530	-.003181	103.9873	.1206421	.0517524	.5799899	115.2515
Stddev	.000175	.000366	2.7072	.0013472	.0005205	.0031482	2.7771
%RSD	4.954673	11.50290	2.603358	1.116678	1.005736	.5428025	2.409595

#1	-.003571	-.002798	100.9727	.1221966	.0514176	.5764624	112.1222
#2	-.003681	-.003219	104.7781	.1198138	.0514875	.5825144	116.2096
#3	-.003338	-.003527	106.2109	.1199159	.0523520	.5809928	117.4226

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.981324	27.79904	.0738768	-.003836	1.356827	.2301547	.1951421
Stddev	.051614	.62643	.0021065	.000289	.035897	.0092236	.0015030
%RSD	2.605038	2.253421	2.851354	7.527180	2.645647	4.007580	.7702348

#1	1.922034	27.10884	.0714554	-.004124	1.316225	.2200022	.1966540
#2	2.005712	27.95671	.0752880	-.003838	1.369905	.2324435	.1936480
#3	2.016224	28.33157	.0748869	-.003546	1.384352	.2380184	.1951243

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.125326	.7978980	-.002443	-.008287	.9867931	.3754169	1.934090
Stddev	.072915	.0126474	.000419	.000587	.0250241	.0162911	.015523
%RSD	3.430791	1.585091	17.13861	7.078303	2.535898	4.339455	.8026165

#1	2.042663	.7833000	-.002821	-.008521	.9581988	.3942275	1.916315
#2	2.152807	.8048339	-.001993	-.008721	1.004693	.3661487	1.944979
#3	2.180507	.8055600	-.002515	-.007620	.997487	.3658745	1.940977

Sample Name: K5420-03DLX10 Acquired: 10/18/2019 16:25:51 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8808111	.0434952	.0366592
Stddev	.0024247	.0027933	.0010571
%RSD	.2752827	6.422118	2.883514

#1	.8782920	.0403899	.0354389
#2	.8831289	.0442925	.0372429
#3	.8810126	.0458032	.0372957

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1714.489	22808.77	5416.045	1173.392	1842.440
Stddev	2.893	49.45	12.589	6.300	5.396
%RSD	.1687412	.2168138	.2324319	.5368895	.2928533

#1	1714.640	22782.17	5424.422	1175.542	1845.243
#2	1711.523	22865.83	5422.143	1178.335	1836.220
#3	1717.303	22778.31	5401.568	1166.298	1845.858

Sample Name: K5420-05DLX10 Acquired: 10/18/2019 16:29:45 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156761	.0072588	.0734996	-.019552	.0179844	34.87304	.0510661
Stddev	.0009688	.0034628	.0011258	.003507	.0015895	1.03777	.0015892
%RSD	6.180176	47.70484	1.531691	17.93935	8.838082	2.975838	3.112038

#1	.0167633	.0037438	.0741937	-.022717	.0172376	33.70033	.0495416
#2	.0153609	.0106669	.0722007	-.020157	.0198097	35.24603	.0509438
#3	.0149042	.0073658	.0741044	-.015781	.0169058	35.67275	.0527129

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002750	-.003087	96.56450	.1294290	.0508496	.7589425	112.2020
Stddev	.000234	.000421	2.82277	.0047560	.0012888	.0035684	2.5784
%RSD	8.523858	13.64264	2.923202	3.674585	2.534488	.4701833	2.297979

#1	-.003020	-.002612	93.35156	.1348217	.0522995	.7626889	109.3527
#2	-.002599	-.003234	97.69574	.1258335	.0504146	.7555838	112.8790
#3	-.002630	-.003415	98.64619	.1276317	.0498346	.7585547	114.3743

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.836729	27.58046	.0750660	-.003991	2.485238	.2377120	.2398443
Stddev	.053581	.98087	.0035053	.000548	.061396	.0095898	.0029135
%RSD	2.917192	3.556404	4.669622	13.72416	2.470412	4.034217	1.214743

#1	1.775957	26.46935	.0790441	-.004588	2.416938	.2269092	.2431964
#2	1.857066	27.94584	.0737236	-.003874	2.502934	.2410065	.2384158
#3	1.877164	28.32621	.0724304	-.003511	2.535843	.2452203	.2379208

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.085123	1.527695	-.003934	-.008227	.9989305	.4664594	1.820176
Stddev	.054052	.018223	.000307	.001622	.0311956	.0134118	.030102
%RSD	2.592257	1.192873	7.797952	19.71481	3.122905	2.875243	1.653803

#1	2.022724	1.507173	-.004252	-.006913	.9629816	.4538664	1.854935
#2	2.117511	1.533925	-.003640	-.010040	1.014923	.4805623	1.802837
#3	2.115133	1.541986	-.003909	-.007728	1.018887	.4649495	1.802756

Sample Name: K5420-05DLX10 Acquired: 10/18/2019 16:29:45 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9983963	.0451908	-.022225
Stddev	.0220077	.0016763	.000230
%RSD	2.204300	3.709348	1.035326

#1	1.023192	.0437407	-.022441
#2	.990817	.0470262	-.021983
#3	.981180	.0448055	-.022251

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1689.325	22468.88	5439.797	1159.687	1807.888
Stddev	24.716	410.51	42.336	4.393	26.195
%RSD	1.463042	1.827022	.7782714	.3787707	1.448953

#1	1660.792	21996.57	5488.539	1154.710	1777.768
#2	1704.083	22670.24	5412.178	1163.022	1820.540
#3	1703.101	22739.84	5418.674	1161.329	1825.356

Sample Name: K5420-07DLX10 Acquired: 10/18/2019 16:33:40 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161807	.0043683	.0633250	-.018893	.0141378	38.89888	.0475163
Stddev	.0034350	.0011379	.0023385	.002386	.0008568	3.97719	.0059107
%RSD	21.22902	26.04854	3.692780	12.62736	6.060521	10.22444	12.43930

#1	.0126700	.0054171	.0625500	-.016611	.0141603	35.75256	.0427350
#2	.0163375	.0045292	.0659526	-.018696	.0149831	37.57488	.0456890
#3	.0195347	.0031585	.0614725	-.021370	.0132699	43.36921	.0541249

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003289	-.003217	86.41629	.1174861	.0523273	.4729574	114.0935
Stddev	.000514	.000604	8.79538	.0007771	.0004191	.0028017	3.3835
%RSD	15.62445	18.77880	10.17791	.6614572	.8009331	.5923700	2.965515

#1	-.002757	-.002730	79.54779	.1166739	.0522079	.4751190	110.5592
#2	-.003328	-.003028	83.37162	.1182227	.0519810	.4739611	114.4186
#3	-.003783	-.003893	96.32947	.1175616	.0527932	.4697922	117.3027

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.908000	31.41657	.0763802	-.003923	4.148952	.2410133	.2089822
Stddev	.189405	3.21195	.0029450	.000323	.135446	.0299356	.0011339
%RSD	9.926879	10.22376	3.855710	8.227506	3.264576	12.42073	.5425572

#1	1.763214	28.79988	.0797165	-.003926	4.013019	.2179824	.2084008
#2	1.838435	30.44865	.0752822	-.004245	4.149931	.2302054	.2102888
#3	2.122351	35.00117	.0741421	-.003599	4.283905	.2748519	.2082570

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.141402	.9877706	-.003878	-.007293	1.248211	.2758011	1.800734
Stddev	.039177	.0555952	.000259	.000630	.117786	.0226033	.002454
%RSD	1.829482	5.628347	6.684165	8.638504	9.436403	8.195519	.1362998

#1	2.102368	.9447800	-.004043	-.007777	1.156630	.2988721	1.798883
#2	2.141121	.9679781	-.003579	-.007522	1.206921	.2748347	1.799802
#3	2.180719	1.050554	-.004011	-.006581	1.381084	.2536964	1.803519

Sample Name: K5420-07DLX10 Acquired: 10/18/2019 16:33:40 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9012038	.0550317	-.030591
Stddev	.0037325	.0092125	.005930
%RSD	.4141647	16.74036	19.38476

#1	.8979678	.0479993	-.034002
#2	.9052871	.0516358	-.034027
#3	.9003566	.0654602	-.023744

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1679.836	22251.68	5150.777	1149.169	1806.477
Stddev	1.567	207.36	356.431	6.424	1.838
%RSD	.0932869	.9318666	6.919938	.5589903	.1017325

#1	1679.928	22486.72	5385.412	1154.434	1805.162
#2	1678.224	22094.59	5326.295	1142.012	1808.577
#3	1681.354	22173.74	4740.624	1151.062	1805.692

Sample Name: K5420-09DLX10 Acquired: 10/18/2019 16:37:35 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0364489	.0070520	.0493719	-.013630	.0147553	20.49182	.1081641
Stddev	.0022942	.0041989	.0027092	.005034	.0032049	.71222	.0039650
%RSD	6.294238	59.54147	5.487413	36.93474	21.72064	3.475633	3.665710

#1	.0389235	.0023709	.0473086	-.007825	.0126082	19.67165	.1037584
#2	.0343928	.0104861	.0483672	-.016274	.0132184	20.84946	.1092882
#3	.0360302	.0082992	.0524400	-.016792	.0184392	20.95435	.1114456

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002309	-.002844	83.84485	.0018214	.0454893	.4898210	101.3006
Stddev	.000173	.000336	2.92470	.0007258	.0006464	.0013211	2.0949
%RSD	7.474932	11.83040	3.488225	39.84955	1.421065	.2697143	2.068024

#1	-.002118	-.002456	80.51668	.0023746	.0451163	.4913451	98.9177
#2	-.002454	-.003057	85.01260	.0020900	.0451159	.4890032	102.1311
#3	-.002356	-.003019	86.00526	.0009996	.0462358	.4891147	102.8529

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.748805	14.25115	.0300675	-.003868	5.413200	.0916058	.1847590
Stddev	.054915	.59418	.0023865	.000806	.151608	.0045100	.0005596
%RSD	3.140120	4.169328	7.937158	20.84276	2.800708	4.923309	.3029003

#1	1.686631	13.57369	.0327824	-.004745	5.239024	.0864194	.1844387
#2	1.769105	14.49594	.0283007	-.003159	5.485054	.0946067	.1854052
#3	1.790680	14.68384	.0291195	-.003700	5.515521	.0937913	.1844332

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.621348	1.089699	-.002996	-.007183	.8906540	.4206877	2.531083
Stddev	.042282	.017455	.000412	.001277	.0307660	.0149412	.009094
%RSD	1.612990	1.601773	13.74457	17.78327	3.454314	3.551609	.3592839

#1	2.573303	1.072026	-.002806	-.008595	.8552301	.4223605	2.536967
#2	2.652890	1.090144	-.003469	-.006845	.9060412	.4049806	2.520609
#3	2.637851	1.106927	-.002714	-.006108	.9106908	.4347221	2.535673

Sample Name: K5420-09DLX10 Acquired: 10/18/2019 16:37:35 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.345398	.0214511	.0074936
Stddev	.004313	.0024211	.0017429
%RSD	.3205928	11.28673	23.25893

#1	1.348040	.0187630	.0054924
#2	1.340421	.0221302	.0083088
#3	1.347735	.0234603	.0086794

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1750.049	23175.51	5578.521	1191.945	1837.389
Stddev	2.777	148.29	69.593	9.705	1.878
%RSD	.1586563	.6398421	1.247523	.8142459	.1022017

#1	1750.345	23140.35	5658.173	1201.189	1837.039
#2	1752.667	23047.96	5547.908	1181.836	1839.417
#3	1747.137	23338.21	5529.482	1192.810	1835.710

Sample Name: K5420-11DLX10 Acquired: 10/18/2019 16:41:30 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0555710	.0057555	.0794347	-.021504	.0146976	29.30213	.0845520
Stddev	.0054005	.0029291	.0005935	.003637	.0007241	1.16485	.0041976
%RSD	9.718139	50.89241	.7471930	16.91534	4.926656	3.975304	4.964568

#1	.0616675	.0026224	.0791797	-.018782	.0147950	27.96152	.0797076
#2	.0513871	.0084254	.0790114	-.020095	.0139297	29.87788	.0871129
#3	.0536585	.0062186	.0801132	-.025635	.0153680	30.06700	.0868353

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002555	-.002506	71.24413	.0549724	.0480920	.4642821	111.8626
Stddev	.000120	.000479	2.90338	.0002291	.0002917	.0015413	2.5218
%RSD	4.698923	19.11980	4.075254	.4167964	.6065069	.3319843	2.254364

#1	-.002621	-.001962	67.89650	.0550996	.0477725	.4625162	108.9844
#2	-.002627	-.002689	72.76096	.0551097	.0481592	.4653572	112.9195
#3	-.002416	-.002867	73.07492	.0547079	.0483442	.4649729	113.6840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.694416	21.48255	.0510379	-.003399	3.121836	.1561720	.3751737
Stddev	.064384	.93639	.0016527	.000157	.103472	.0081662	.0035108
%RSD	3.799805	4.358854	3.238121	4.606611	3.314475	5.228956	.9357794

#1	1.621146	20.40153	.0529443	-.003223	3.002427	.1467959	.3730927
#2	1.720138	22.00339	.0500099	-.003523	3.177984	.1599924	.3732011
#3	1.741963	22.04272	.0501595	-.003450	3.185098	.1617277	.3792271

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.429436	1.177412	-.002929	-.007147	1.030002	.1446387	2.351367
Stddev	.093343	.019881	.000266	.001626	.039685	.0231685	.006380
%RSD	3.842182	1.688567	9.066924	22.75241	3.852931	16.01819	.2713351

#1	2.335860	1.154587	-.003136	-.006266	.984400	.1350863	2.350280
#2	2.522545	1.186695	-.002630	-.006153	1.048895	.1277736	2.345600
#3	2.429902	1.190954	-.003022	-.009024	1.056711	.1710561	2.358220

Sample Name: K5420-11DLX10 Acquired: 10/18/2019 16:41:30 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-6 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7982032	.0334226	-.034807
Stddev	.0077836	.0027053	.001054
%RSD	.9751426	8.094189	3.027325

#1	.7892887	.0303432	-.036002
#2	.8016692	.0345077	-.034413
#3	.8036518	.0354169	-.034008

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1730.960	22851.26	5502.149	1184.846	1841.502
Stddev	7.268	122.20	93.515	5.324	3.208
%RSD	.4198803	.5347451	1.699617	.4493542	.1742072

#1	1723.673	22992.30	5610.131	1187.956	1838.324
#2	1731.001	22784.08	5448.427	1178.699	1841.442
#3	1738.208	22777.38	5447.890	1187.885	1844.739

Sample Name: CCV04 Acquired: 10/18/2019 16:45:24 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.025709	5.014663	4.999159	4.974008	5.033773	9.846242	9.852593
Stddev	.019555	.012063	.032624	.005290	.002415	.499610	.451893
%RSD	.3890995	.2405616	.6525986	.1063467	.0479783	5.074117	4.586541

#1	5.023473	5.006863	5.002160	4.968437	5.036485	9.272035	9.334276
#2	5.007367	5.008568	4.965137	4.978963	5.031855	10.08513	10.05962
#3	5.046285	5.028558	5.030179	4.974623	5.032977	10.18156	10.16388

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2464723	2.561850	24.46398	1.001430	2.505496	1.277840	4.954232
Stddev	.0063941	.005290	1.21967	.013743	.010186	.001260	.142118
%RSD	2.594262	.2064970	4.985564	1.372335	.4065591	.0985928	2.868617

#1	.2393711	2.560419	23.06450	.989634	2.503820	1.279292	4.791116
#2	.2482724	2.557423	25.02705	.998134	2.496252	1.277195	5.020222
#3	.2517735	2.567709	25.30040	1.016521	2.516417	1.277033	5.051358

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.428958	24.56617	2.534296	1.254899	24.53494	2.423186	2.490330
Stddev	.108256	1.09806	.006887	.016820	.64939	.113953	.037292
%RSD	4.456910	4.469809	.2717661	1.340355	2.646815	4.702630	1.497459

#1	2.304791	23.32140	2.538547	1.241836	23.79603	2.292330	2.464037
#2	2.478533	24.97962	2.526350	1.248984	24.79383	2.476660	2.473945
#3	2.503550	25.39748	2.537991	1.273878	25.01495	2.500568	2.533009

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.51704	4.986209	4.981875	5.002074	4.880397	4.907006	5.034162
Stddev	.74119	.104547	.007928	.008482	.207503	.143492	.027376
%RSD	3.023148	2.096719	.1591367	.1695793	4.251773	2.924221	.5438102

#1	23.67160	4.866744	4.988840	5.003407	4.642073	4.743050	5.042790
#2	24.82453	5.030907	4.973247	4.993003	4.978138	4.968283	5.003511
#3	25.05499	5.060977	4.983538	5.009810	5.020980	5.009686	5.056184

Sample Name: CCV04 Acquired: 10/18/2019 16:45:24 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.888469	4.889629	4.937594
Stddev	.005939	.234449	.234343
%RSD	.1214971	4.794815	4.746097

#1	4.893398	4.620249	4.668533
#2	4.881875	5.001037	5.047199
#3	4.890134	5.047601	5.097049

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1638.775	21844.58	5190.543	1120.290	1750.553
Stddev	1.342	251.87	114.652	14.834	3.173
%RSD	.0819050	1.152998	2.208854	1.324106	.1812688

#1	1637.305	22049.81	5322.908	1132.067	1747.857
#2	1639.935	21920.43	5126.496	1125.172	1754.050
#3	1639.086	21563.51	5122.226	1103.630	1749.752

Sample Name: CCB04 Acquired: 10/18/2019 16:57:12 Type: Unk
Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000694	-.002199	-.001158	.0010189	-.000744	-.000606	-.001170
Stddev	.002556	.003112	.001854	.0015624	.000279	.023144	.000349
%RSD	368.2356	141.5512	160.0131	153.3374	37.50314	3816.845	29.80914

#1	-.003612	-.003662	-.001519	-.000784	-.000915	-.016735	-.001467
#2	.001144	.001376	.000849	.001964	-.000422	-.010996	-.000786
#3	.000386	-.004309	-.002805	.001877	-.000896	.025912	-.001256

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000050	.0001843	-.007593	.0001546	-.000013	-.000279	.0042176
Stddev	.0000855	.0001503	.012651	.0001499	.000280	.000609	.0046832
%RSD	1695.658	81.55837	166.6179	96.93993	2105.430	218.3521	111.0405

#1	.0000007	.0000332	-.013240	.0003007	.000307	-.000690	.0033844
#2	-.000078	.0001860	.006898	.0001621	-.000208	.000421	.0000069
#3	.000093	.0003338	-.016436	.0000011	-.000140	-.000568	.0092615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000053	.0116938	-.000228	.0001381	-.053520	.0015051	-.000405
Stddev	.000837	.0210295	.000802	.0004276	.011536	.0014789	.000857
%RSD	1573.247	179.8344	351.1084	309.5374	21.55475	98.25811	211.4810

#1	.000638	.0337719	.000512	-.000223	-.066639	.0004694	.000579
#2	.000186	-.008101	-.001080	.000610	-.048962	.0008471	-.000808
#3	-.000984	.009410	-.000117	.000027	-.044960	.0031988	-.000987

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0527675	.0045002	-.000001	-.002852	.0007134	-.010002	-.000171
Stddev	.0141385	.0011948	.000622	.000839	.0023137	.000815	.002658
%RSD	26.79400	26.54971	82075.87	29.41553	324.3146	8.143201	1557.962

#1	.0690424	.0050458	-.000483	-.003815	-.001765	-.010941	-.003179
#2	.0435149	.0031300	-.000220	-.002281	.002817	-.009477	.000811
#3	.0457451	.0053248	.000701	-.002460	.001088	-.009589	.001857

Sample Name: CCB04 Acquired: 10/18/2019 16:57:12 Type: Unk
 Method: NON EPA-6010-200.7(v42) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB04 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004300	-.001777	-.000060
Stddev	.004365	.000162	.000029
%RSD	101.4992	9.105378	48.04222

#1	.000716	-.001761	-.000027
#2	-.007228	-.001947	-.000071
#3	-.006389	-.001625	-.000082

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1688.456	22318.54	5147.362	1158.293	1920.833
Stddev	23.421	16.21	24.779	15.419	25.779
%RSD	1.387120	.0726457	.4814018	1.331150	1.342048

#1	1685.364	22337.23	5165.367	1144.827	1917.229
#2	1666.735	22310.19	5119.101	1175.112	1897.047
#3	1713.269	22308.20	5157.618	1154.940	1948.224