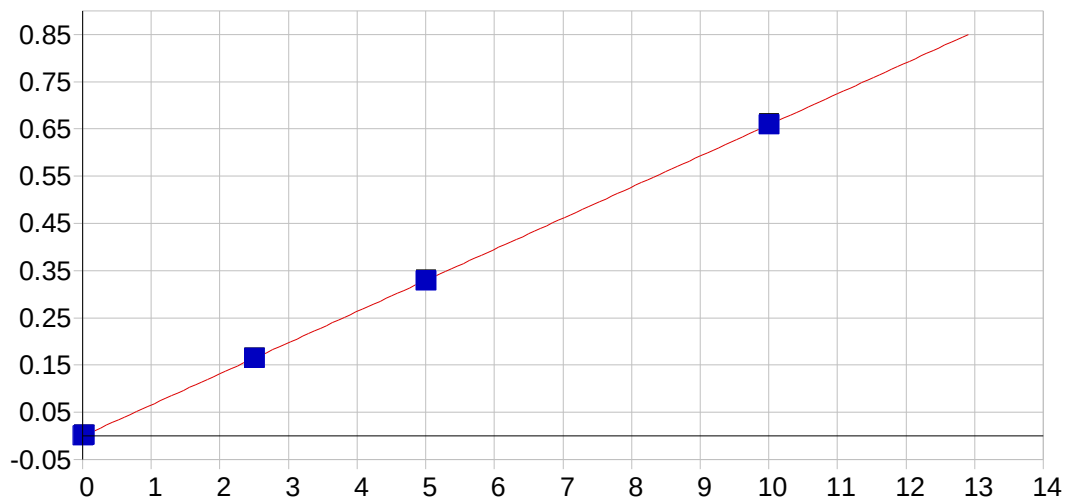


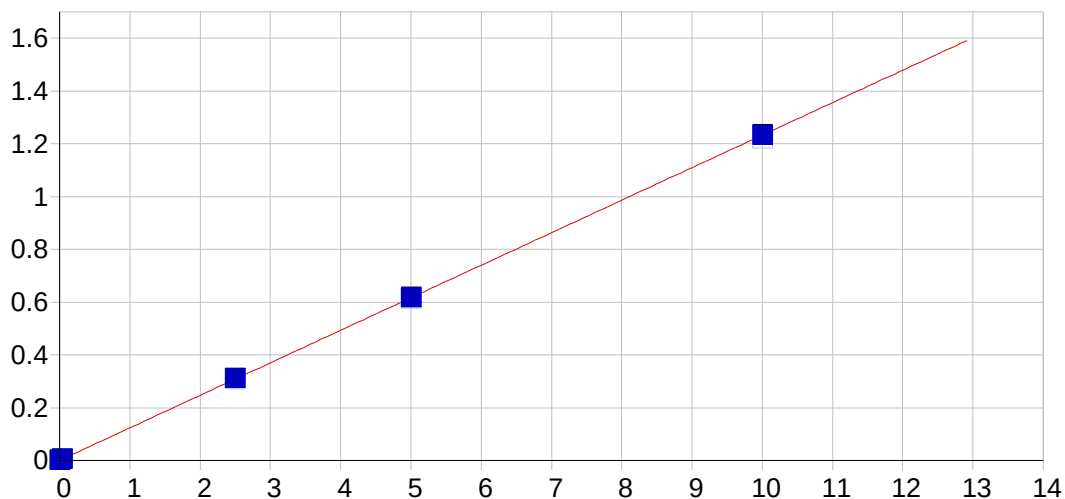


As 189.042 {479}

Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000126 Re-Slope: 1.000000
 A1 (Gain): 0.065862 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.004971
 Predicted MQL: 0.016571

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00013	.000	1
S1	.02000	.02357	.004	17.8	.00143	.000	1
S3	2.5000	2.4962	-.004	-.152	.16427	.000	1
S4	5.0000	4.9879	-.012	-.242	.32838	.001	1
S5	10.000	10.012	.012	.123	.65928	.001	1



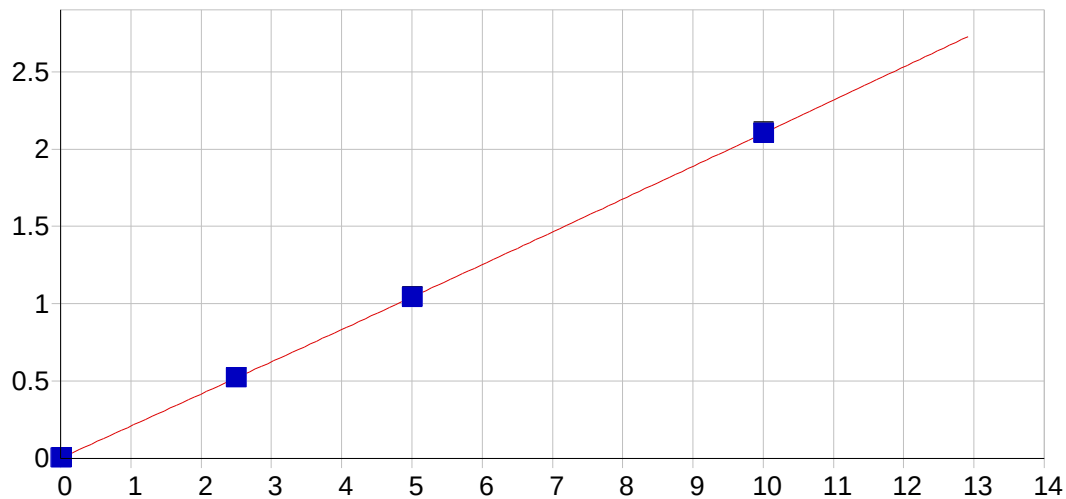
TI 190.856 {477}

Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000451 Re-Slope: 1.000000

A1 (Gain): 0.123217 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.002626
 Predicted MQL: 0.008753

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00045	.000	1
S1	.04000	.03929	-.001	-1.77	.00516	.001	1
S3	2.5000	2.5097	.010	.387	.30662	.001	1
S4	5.0000	5.0051	.005	.103	.61103	.001	1
S5	10.000	9.9859	-.014	-.141	1.2186	.003	1

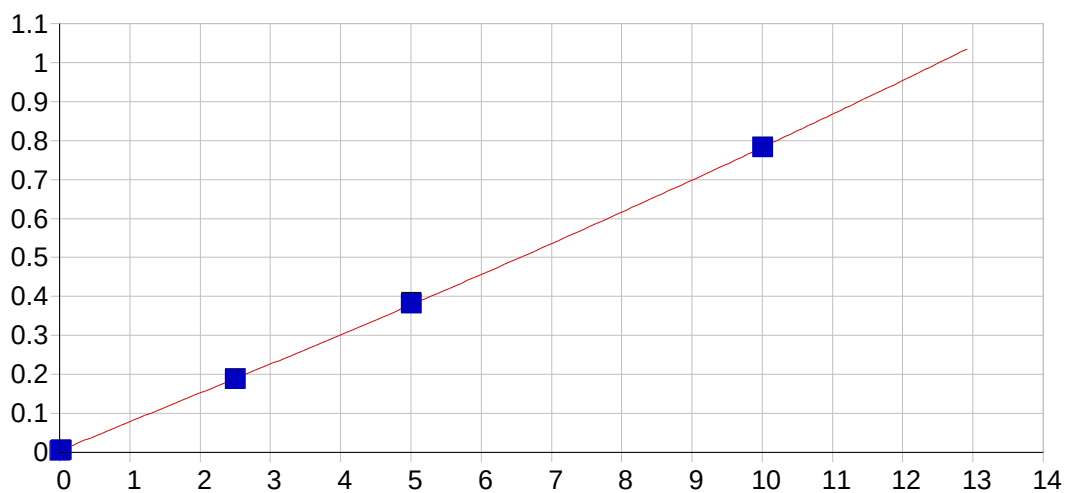


Pb 220.353 {453}

Date of Fit: 11/22/2019 11:28:05 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.002984 Re-Slope: 1.000000
 A1 (Gain): 0.206010 Y-int: 0.000000
 A2 (Curvature): 0.000386
 n (Exponent): 1.000000
 Correlation: 1.000000 Status: Warning Positive Curvature
 Std Error of Est: 0.000007
 Predicted MDL: 0.003204
 Predicted MQL: 0.010680

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00298	.001	1
S1	.01200	.01182	-.000	-1.53	.00537	.000	1
S3	2.5000	2.5042	.004	.167	.52064	.002	1
S4	5.0000	4.9941	-.006	-.117	1.0402	.002	1
S5	10.000	10.002	.002	.019	2.0995	.006	1

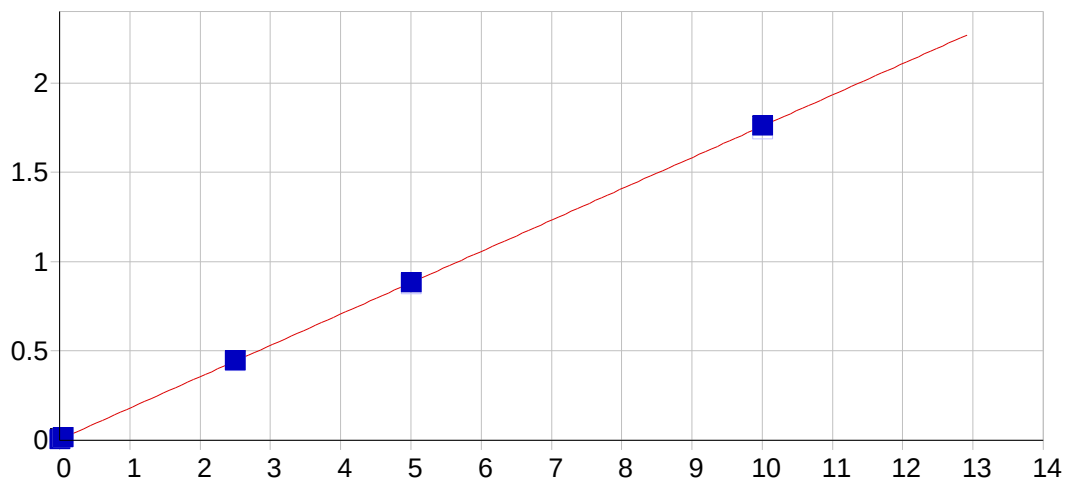


Se 196.090 {472}

Date of Fit: 11/22/2019 11:28:05 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.003383 Re-Slope: 1.000000
 A1 (Gain): 0.074247 Y-int: 0.000000
 A2 (Curvature): 0.001222
 n (Exponent): 0.960000
 Correlation: 0.999986 Status: Warning Positive Curvature
 Std Error of Est: 0.000017
 Predicted MDL: 0.004491
 Predicted MQL: 0.014971

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00338	.000	1
S1	.02000	.02106	.001	5.32	.00522	.000	1
S3	2.5000	2.4768	-.023	-.930	.18798	.001	1
S4	5.0000	5.0318	.032	.636	.38136	.002	1
S5	10.000	9.9903	-.010	-.097	.78250	.001	1



Sb 206.833 {463}

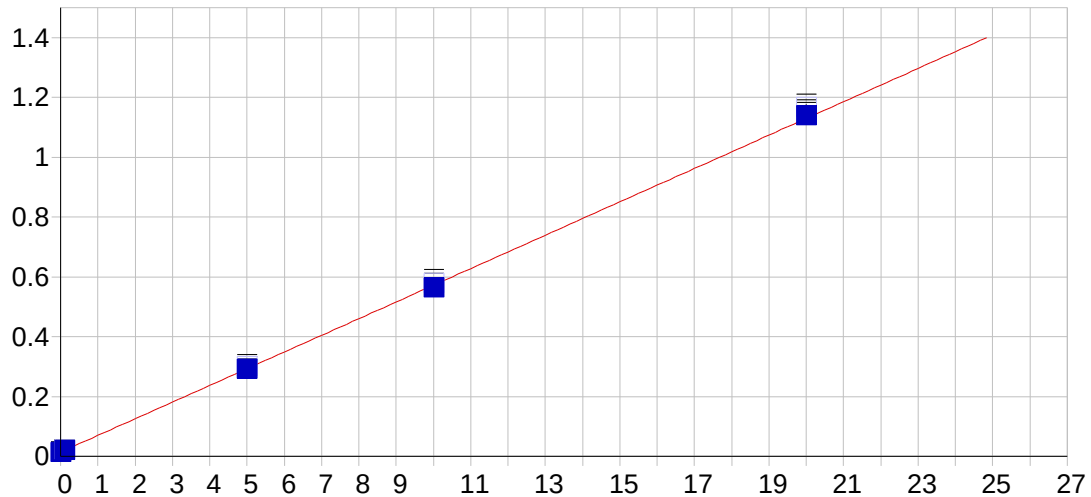
Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005313 Re-Slope: 1.000000
 A1 (Gain): 0.175241 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998
 Std Error of Est: 0.000012
 Predicted MDL: 0.002990
 Predicted MQL: 0.009965

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00531	.001	1
S1	.05000	.05057	.001	1.14	.01396	.001	1
S3	2.5000	2.5092	.009	.367	.44010	.001	1
S4	5.0000	4.9921	-.008	-.159	.87028	.000	1
S5	10.000	9.9982	-.002	-.018	1.7377	.003	1

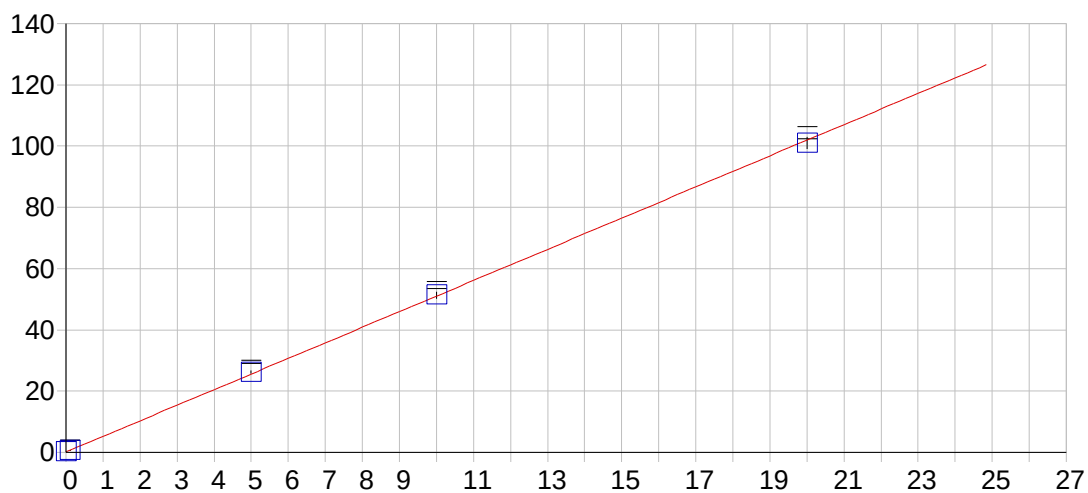


AI 396.152 { 85}

Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.013877 Re-Slope: 1.000000
 A1 (Gain): 0.055791 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.018826
 Predicted MQL: 0.062753

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01388	.001	1
S1	.10000	.11090	.011	10.9	.02048	.002	1
S3	5.0000	4.9820	-.018	-.361	.29886	.007	1
S4	10.000	9.8464	-.154	-1.54	.57728	.014	1
S5	20.000	20.160	.160	.801	1.1668	.009	1

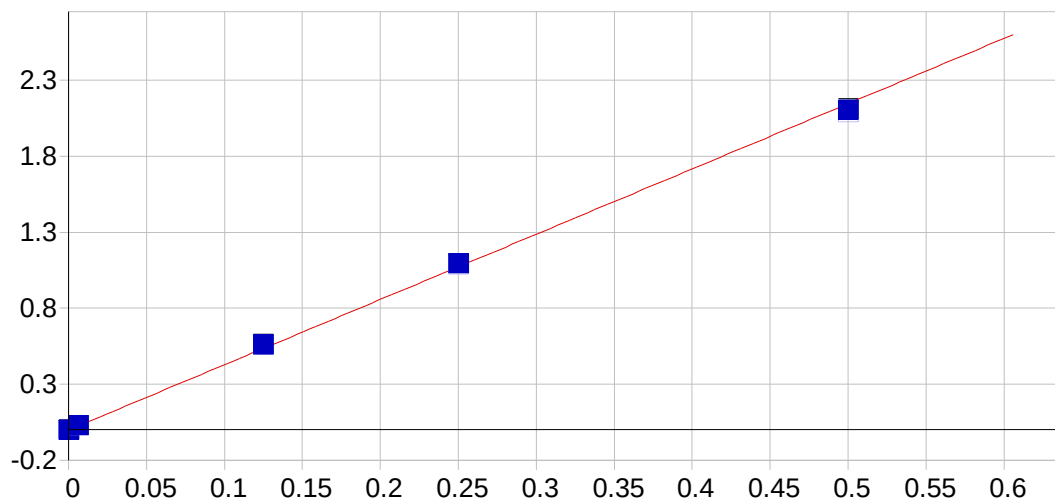


Ba 493.409 { 68}

Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.130867 Re-Slope: 1.000000
 A1 (Gain): 5.090076 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.004554
 Predicted MDL: 0.000654
 Predicted MQL: 0.002181

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.13084	.006	1
S1	.10000	.10315	.003	3.15	.65589	.005	1
S3	5.0000	5.1179	.118	2.36	26.181	.543	1
S4	10.000	10.058	.058	.578	51.326	1.12	1
S5	20.000	19.821	-.179	-.894	101.02	1.90	1



Be 234.861 {144}

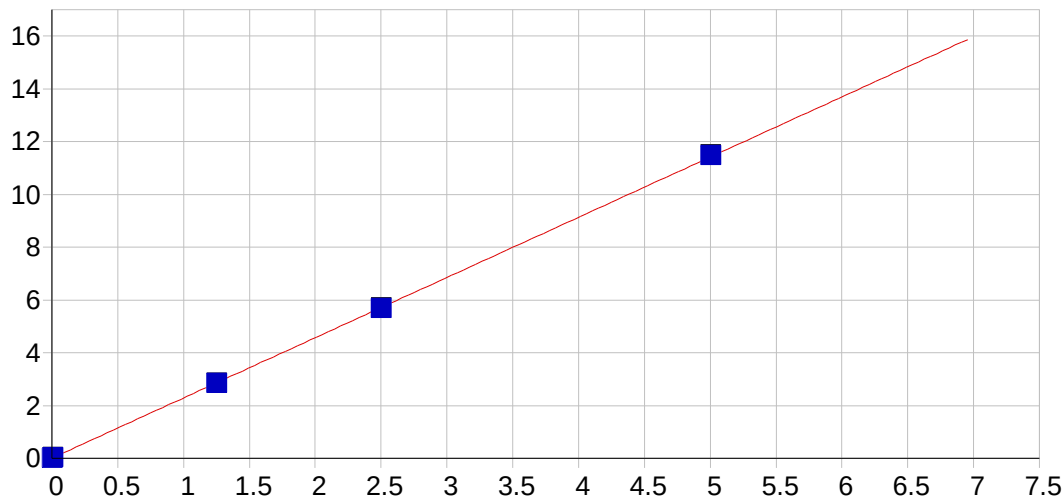
Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000955 Re-Slope: 1.000000
 A1 (Gain): 4.291581 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999672
 Std Error of Est: 0.000324
 Predicted MDL: 0.000131
 Predicted MQL: 0.000435

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00096	.000	1
S1	.00600	.00650	.001	8.38	.02666	.000	1
S3	.12500	.13057	.006	4.46	.55549	.003	1
S4	.25000	.25418	.004	1.67	1.0820	.004	1
S5	.50000	.48975	-.010	-2.05	2.0852	.010	1



Cd 226.502 {449}

Date of Fit: 11/22/2019 11:28:05

Type of Fit: Linear

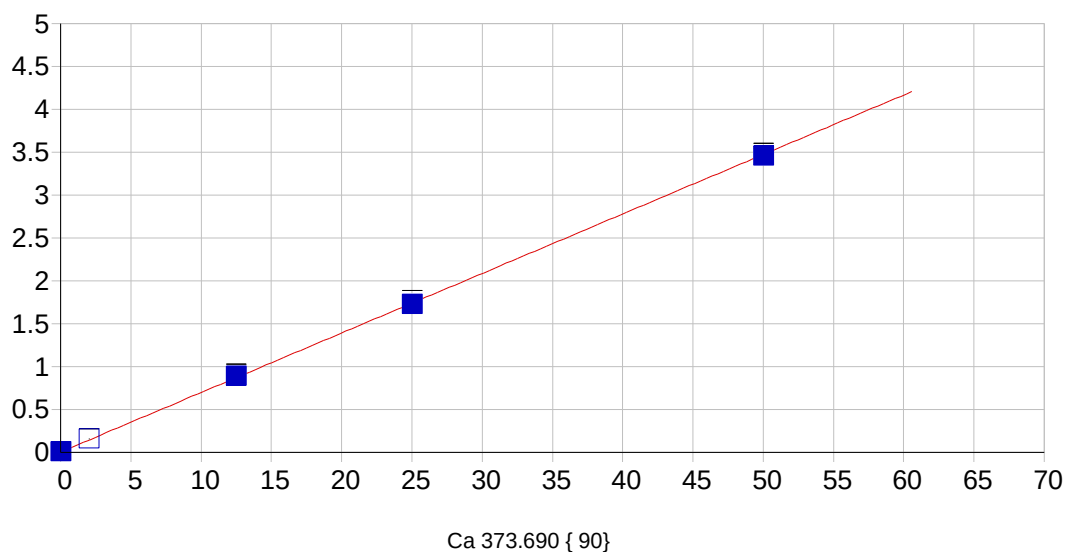
Weighting: 1/Conc

A0 (Offset): 0.006441
 A1 (Gain): 2.281543
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978
 Std Error of Est: 0.000142
 Predicted MDL: 0.000224
 Predicted MQL: 0.000747

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

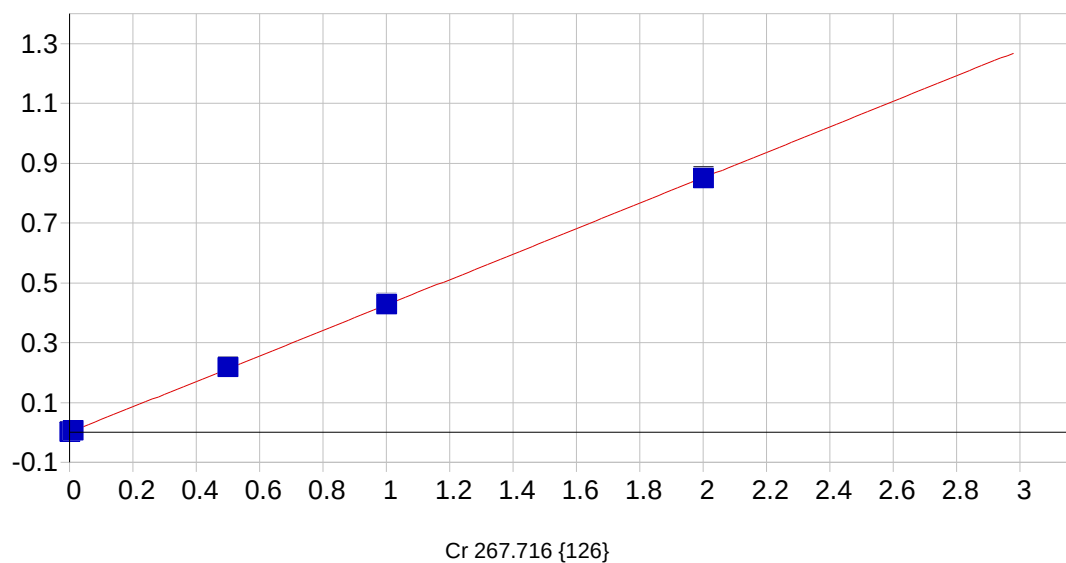
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00644	.000	1
S1	.00600	.00518	-.001	-13.6	.01831	.001	1
S3	1.2500	1.2391	-.011	-.876	2.8346	.008	1
S4	2.5000	2.4874	-.013	-.504	5.6839	.012	1
S5	5.0000	5.0244	.024	.487	11.474	.021	1



Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004199 Re-Slope: 1.000000
 A1 (Gain): 0.069395 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999837 Status: OK.
 Std Error of Est: 0.000684
 Predicted MDL: 0.016545
 Predicted MQL: 0.055150

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00023	-.000	.000	.00418	.001	1
S2	2.0000	2.2152	.215	10.8	.15792	.001	1
S3	12.500	12.710	.210	1.68	.88670	.021	1
S4	25.000	24.834	-.166	-.665	1.7285	.040	1
S5	50.000	49.741	-.259	-.519	3.4578	.031	1



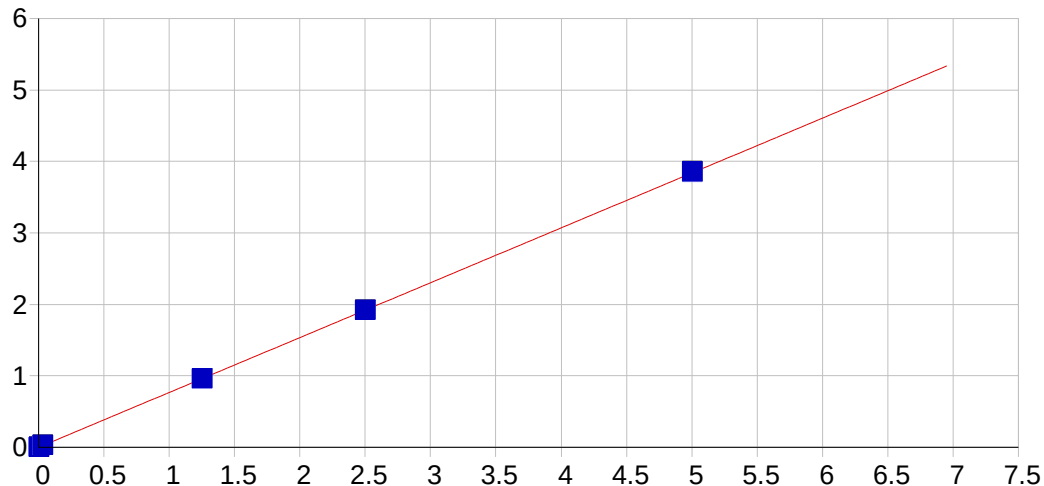
Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000170 Re-Slope: 1.000000
 A1 (Gain): 0.425556 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976
 Std Error of Est: 0.000023
 Predicted MDL: 0.000673
 Predicted MQL: 0.002243

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.01000	.00953	-.000	-4.66	.00424	.000	1
S3	.50000	.50641	.006	1.28	.21699	.000	1
S4	1.0000	1.0041	.004	.406	.43008	.001	1
S5	2.0000	1.9900	-.010	-.500	.85228	.003	1



Co 228.616 {448}

Date of Fit: 11/22/2019 11:28:05

Type of Fit: Linear

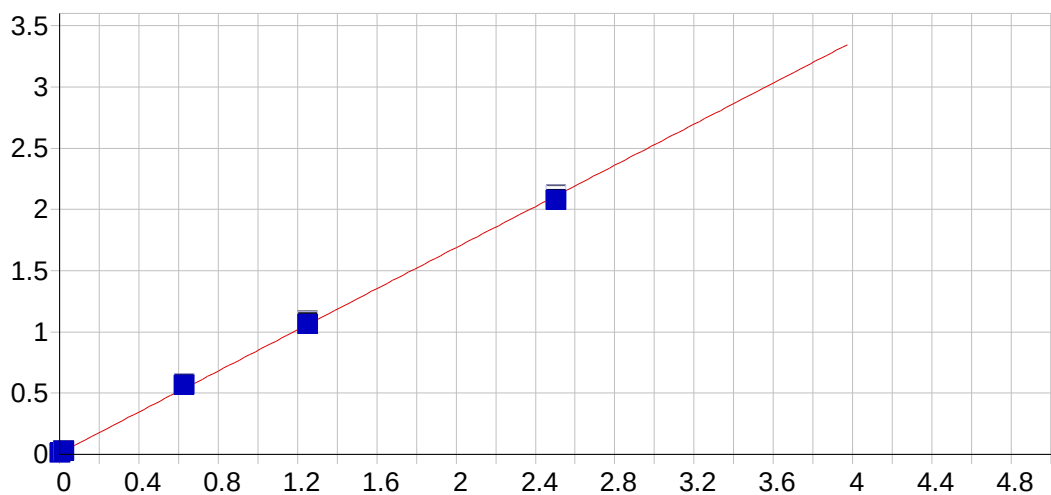
Weighting: 1/Conc

A0 (Offset): 0.001373
 A1 (Gain): 0.767636
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984
 Std Error of Est: 0.000090
 Predicted MDL: 0.000616
 Predicted MQL: 0.002053

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	.00137	.000	1
S1	.03000	.02778	-.002	-7.41	.02249	.000	1
S3	1.2500	1.2414	-.009	-.685	.95172	.002	1
S4	2.5000	2.4960	-.004	-.160	1.9122	.002	1
S5	5.0000	5.0148	.015	.296	3.8404	.009	1

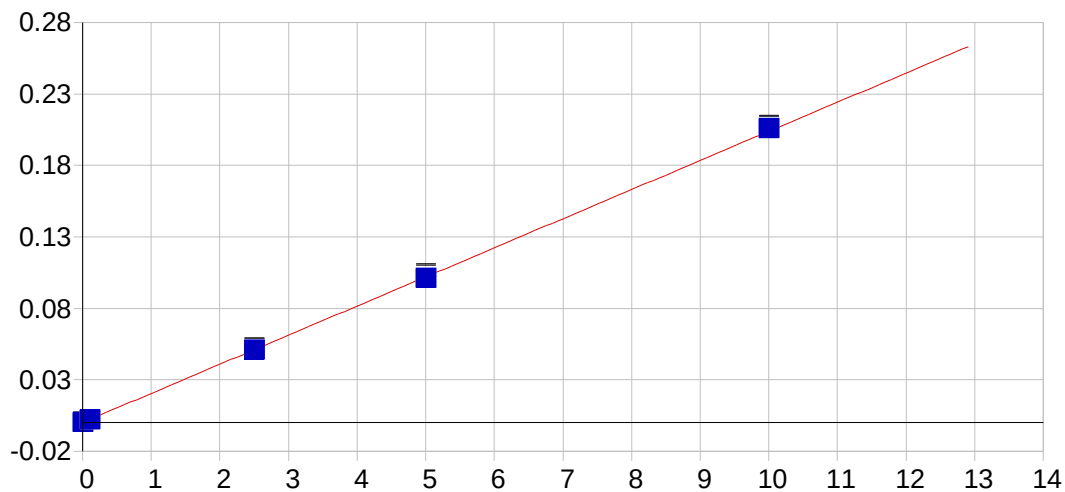


Cu 224.700 {450}

Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009441 Re-Slope: 1.000000
 A1 (Gain): 0.839536 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999728 Status: OK.
 Std Error of Est: 0.000241
 Predicted MDL: 0.000839
 Predicted MQL: 0.002796

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00944	.001	1
S1	.02000	.02088	.001	4.42	.02730	.000	1
S3	.62500	.65904	.034	5.45	.57245	.003	1
S4	1.2500	1.2531	.003	.248	1.0809	.004	1
S5	2.5000	2.4620	-.038	-1.52	2.1152	.003	1



Fe 240.488 {140}

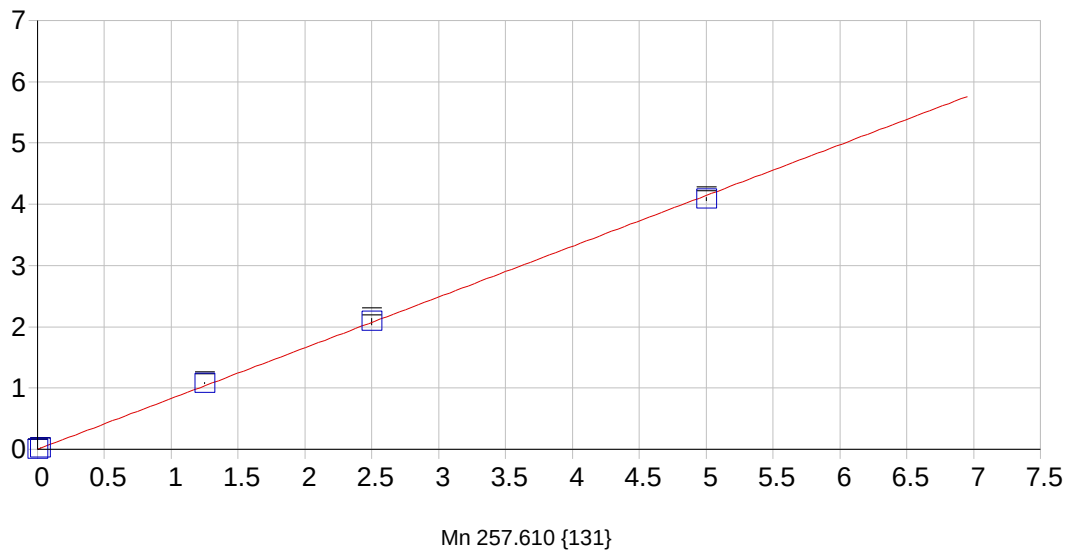
Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000131 Re-Slope: 1.000000
 A1 (Gain): 0.020372 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923
 Std Error of Est: 0.000014
 Predicted MDL: 0.007306
 Predicted MQL: 0.024354

Status: OK.

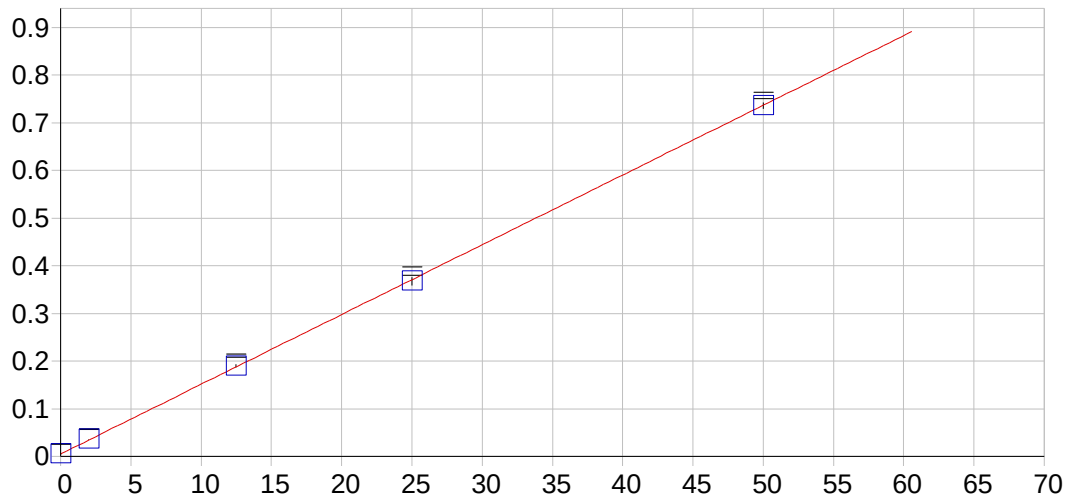
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00013	.000	1
S1	.10000	.08876	-.011	-11.2	.00195	.000	1
S3	2.5000	2.4892	-.011	-.431	.05110	.001	1
S4	5.0000	4.9392	-.061	-1.22	.10126	.003	1
S5	10.000	10.083	.083	.828	.20656	.001	1



Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001678 Re-Slope: 1.000000
 A1 (Gain): 0.828405 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999807 Status: OK.
 Std Error of Est: 0.000278
 Predicted MDL: 0.000596
 Predicted MQL: 0.001986

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00168	.000	1
S1	.02000	.02203	.002	10.1	.01993	.001	1
S3	1.2500	1.3018	.052	4.15	1.0801	.019	1
S4	2.5000	2.5148	.015	.593	2.0850	.058	1
S5	5.0000	4.9313	-.069	-1.37	4.0868	.028	1

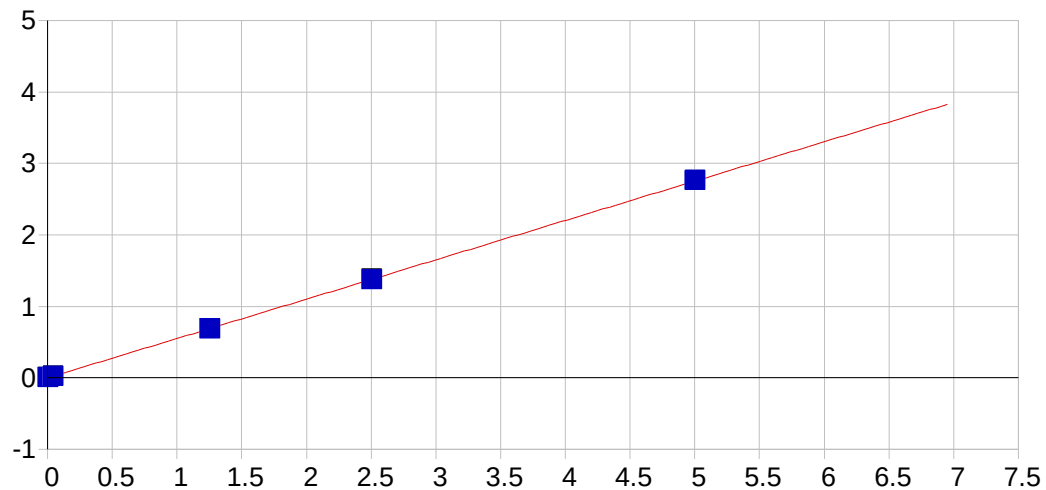


Mg 279.079 {121}

Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004972 Re-Slope: 1.000000
 A1 (Gain): 0.014635 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950 Status: OK.
 Std Error of Est: 0.000080
 Predicted MDL: 0.036960
 Predicted MQL: 0.123198

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00011	-.000	.000	.00497	.000	1
S2	2.0000	2.1058	.106	5.29	.03579	.001	1
S3	12.500	12.641	.141	1.13	.18997	.004	1
S4	25.000	24.788	-.212	-.847	.36775	.009	1
S5	50.000	49.965	-.035	-.069	.73622	.007	1



Ni 231.604 {446}

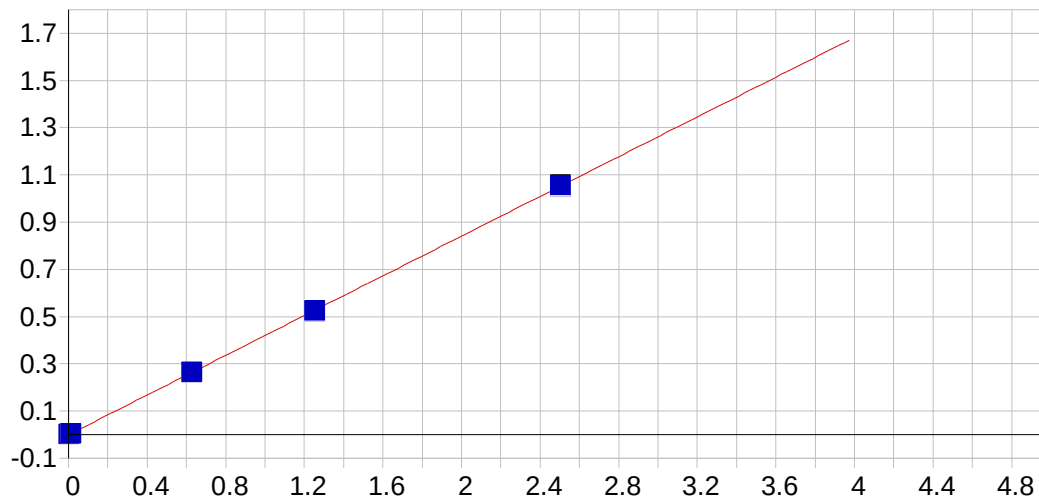
Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000450 Re-Slope: 1.000000
 A1 (Gain): 0.550634 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992
 Std Error of Est: 0.000053
 Predicted MDL: 0.000961
 Predicted MQL: 0.003203

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00045	.000	1
S1	.04000	.03873	-.001	-3.18	.02093	.000	1
S3	1.2500	1.2431	-.007	-.556	.68548	.002	1
S4	2.5000	2.4937	-.006	-.250	1.3756	.003	1
S5	5.0000	5.0145	.014	.290	2.7665	.003	1

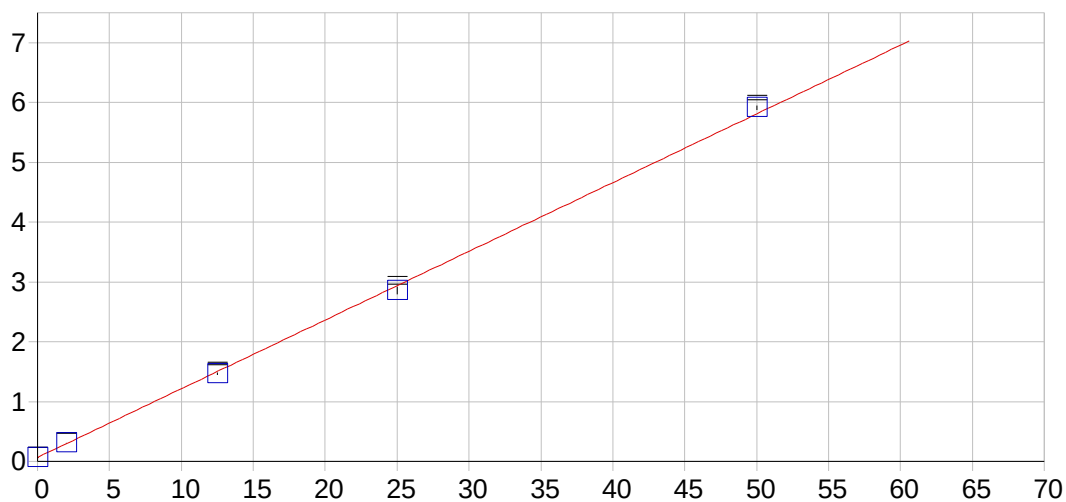


Ag 328.068 {103}

Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000442 Re-Slope: 1.000000
 A1 (Gain): 0.420664 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.001062
 Predicted MQL: 0.003541

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00044	.000	1
S1	.01000	.00921	-.001	-7.93	.00336	.000	1
S3	.62500	.62607	.001	.172	.26064	.001	1
S4	1.2500	1.2422	-.008	-.623	.51755	.002	1
S5	2.5000	2.5075	.008	.300	1.0453	.002	1

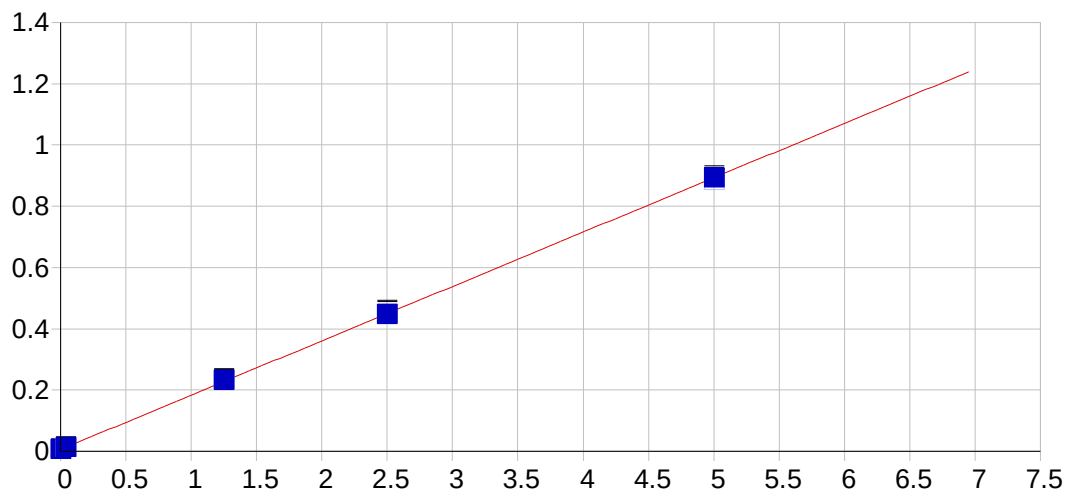


Na 589.592 { 57}

Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.066392 Re-Slope: 1.000000
 A1 (Gain): 0.114851 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999740 Status: OK.
 Std Error of Est: 0.001429
 Predicted MDL: 0.009641
 Predicted MQL: 0.032137

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.06639	.001	1
S2	2.0000	2.0802	.080	4.01	.30530	.006	1
S3	12.500	12.199	-.301	-2.41	1.4675	.022	1
S4	25.000	24.306	-.694	-2.78	2.8579	.062	1
S5	50.000	50.915	.915	1.83	5.9140	.038	1



V 292.402 {115}

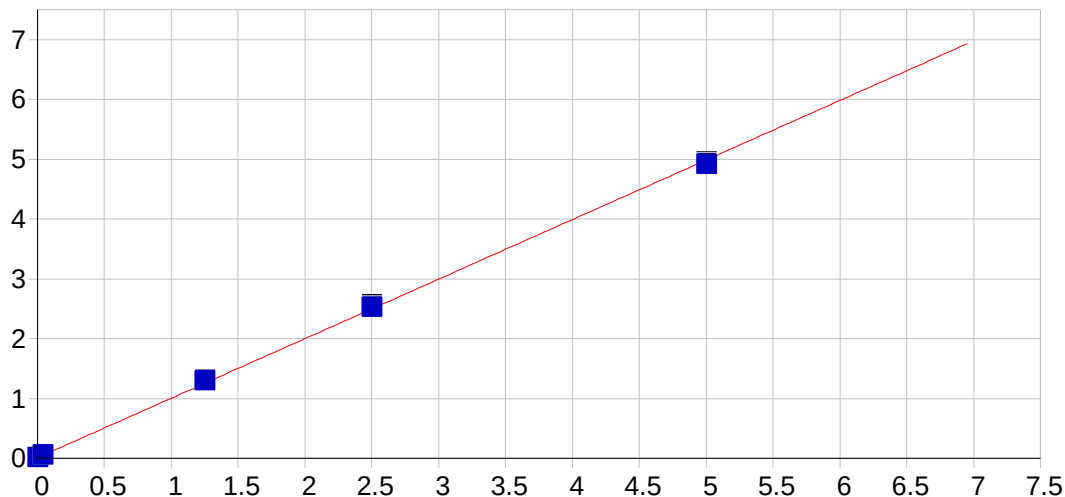
Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005902 Re-Slope: 1.000000
 A1 (Gain): 0.177436 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976
 Std Error of Est: 0.000030
 Predicted MDL: 0.003510
 Predicted MQL: 0.011700

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00590	.000	1
S1	.04000	.04114	.001	2.84	.01309	.000	1
S3	1.2500	1.2698	.020	1.59	.22955	.004	1
S4	2.5000	2.4885	-.011	-.459	.44412	.011	1
S5	5.0000	4.9905	-.009	-.190	.88471	.006	1



Date of Fit: 11/22/2019 11:28:05

Type of Fit: Linear

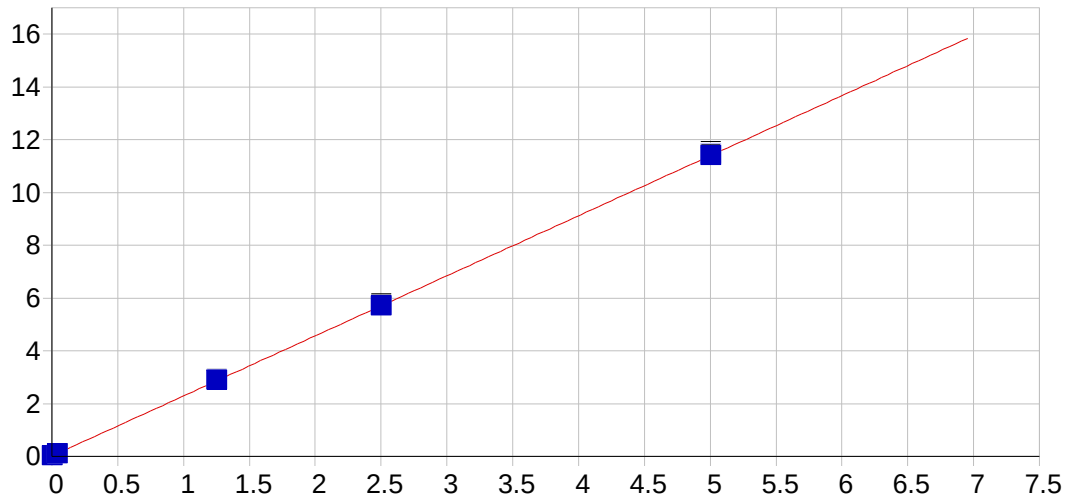
Weighting: 1/Conc

A0 (Offset): 0.009806
 A1 (Gain): 0.995461
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999834
 Std Error of Est: 0.000441
 Predicted MDL: 0.000457
 Predicted MQL: 0.001523

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	.00980	.000	1
S1	.04000	.04137	.001	3.43	.05127	.001	1
S3	1.2500	1.2922	.042	3.38	1.3048	.003	1
S4	2.5000	2.5307	.031	1.23	2.5463	.016	1
S5	5.0000	4.9257	-.074	-1.49	4.9478	.006	1

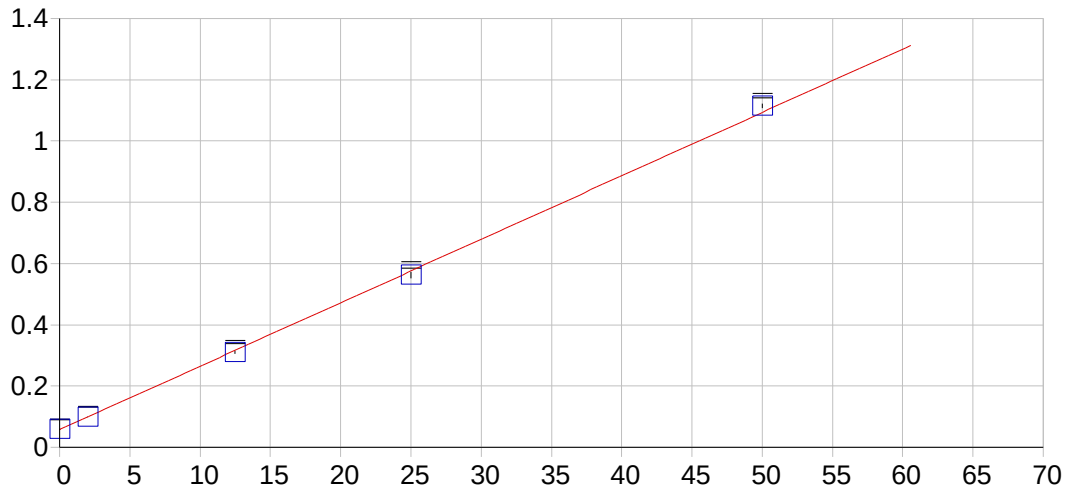


Zn 213.856 {158}

Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015510 Re-Slope: 1.000000
 A1 (Gain): 2.275737 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000181
 Predicted MDL: 0.000623
 Predicted MQL: 0.002076

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01551	.001	1
S1	.04000	.03912	-.001	-2.19	.10518	.002	1
S3	1.2500	1.2586	.009	.689	2.8996	.017	1
S4	2.5000	2.4937	-.006	-.253	5.7301	.037	1
S5	5.0000	4.9986	-.001	-.029	11.470	.064	1



K 766.490 {44}

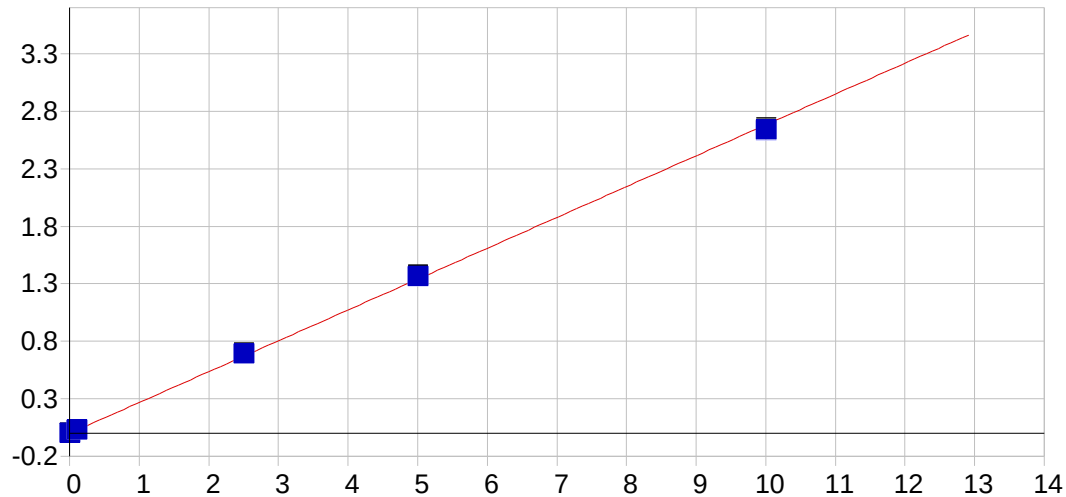
Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.057645 Re-Slope: 1.000000
 A1 (Gain): 0.020715 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999742
 Std Error of Est: 0.000257
 Predicted MDL: 0.055645
 Predicted MQL: 0.185485

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.05765	.001	1
S2	2.0000	1.9785	-.021	-1.07	.09863	.001	1
S3	12.500	12.193	-.307	-2.46	.31022	.005	1
S4	25.000	24.325	-.675	-2.70	.56155	.010	1
S5	50.000	51.003	1.00	2.01	1.1142	.008	1

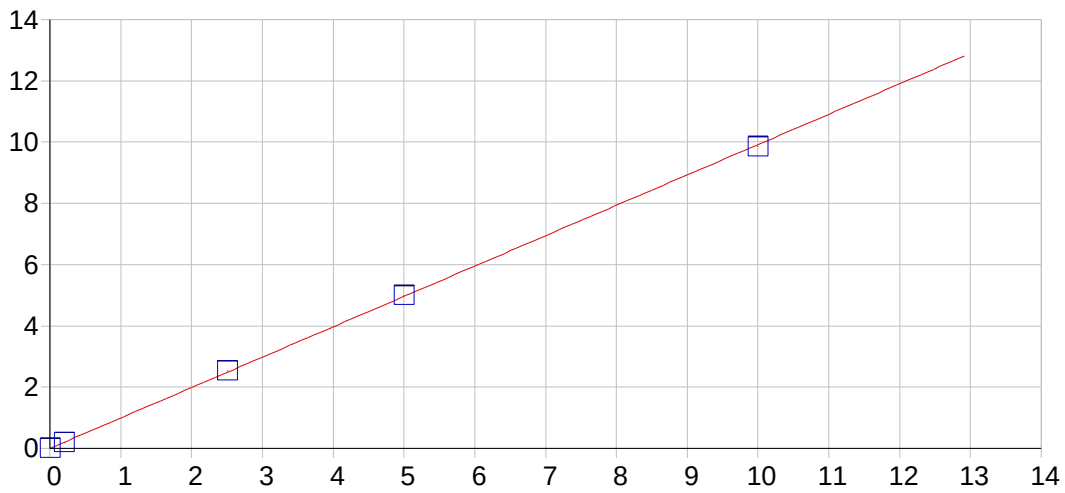


B 249.678 {135}

Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000713 Re-Slope: 1.000000
 A1 (Gain): 0.268196 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999798 Status: OK.
 Std Error of Est: 0.000290
 Predicted MDL: 0.002152
 Predicted MQL: 0.007173

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00071	.001	1
S1	.10000	.09973	-.000	-.273	.02586	.000	1
S3	2.5000	2.5802	.080	3.21	.68833	.007	1
S4	5.0000	5.0893	.089	1.79	1.3583	.009	1
S5	10.000	9.8307	-.169	-1.69	2.6240	.016	1



Date of Fit: 11/22/2019 11:28:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001919

Re-Slope: 1.000000

A1 (Gain): 0.991746

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999951

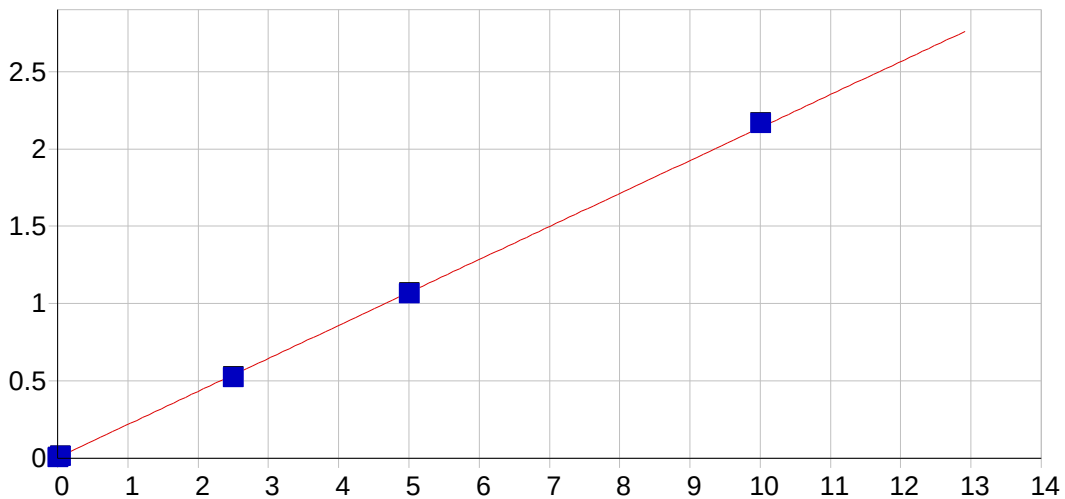
Status: OK.

Std Error of Est: 0.000754

Predicted MDL: 0.000498

Predicted MQL: 0.001661

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00192	.000	1
S1	.20000	.19443	-.006	-2.79	.19474	.001	1
S3	2.5000	2.5494	.049	1.97	2.5302	.007	1
S4	5.0000	5.0253	.025	.505	4.9857	.014	1
S5	10.000	9.9310	-.069	-.690	9.8509	.017	1



Date of Fit: 11/22/2019 11:28:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.005808

Re-Slope: 1.000000

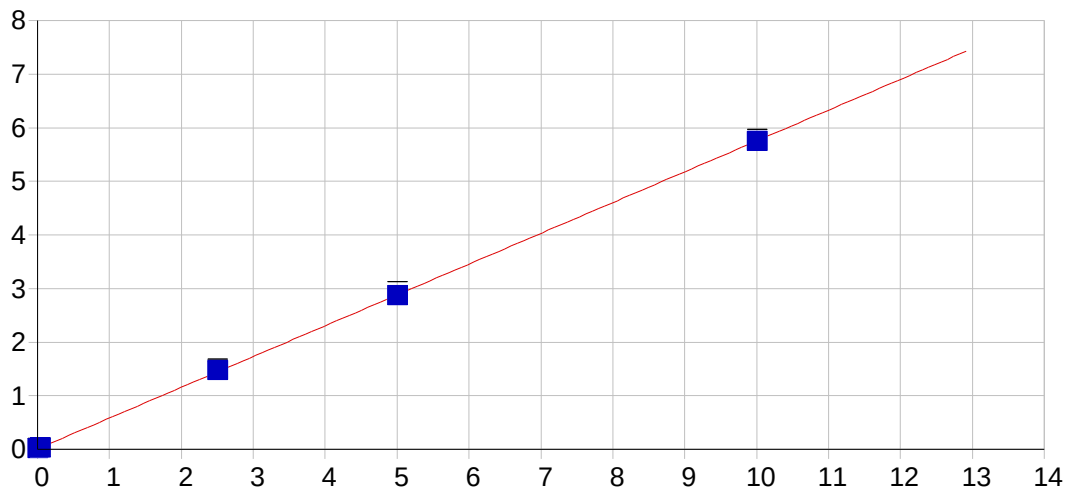
A1 (Gain): 0.213206

Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999878
 Std Error of Est: 0.000114
 Predicted MDL: 0.001341
 Predicted MQL: 0.004470

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00581	.000	1
S1	.04000	.03609	-.004	-9.78	.01350	.000	1
S3	2.5000	2.4249	-.075	-3.00	.52311	.002	1
S4	5.0000	4.9620	-.038	-.760	1.0643	.002	1
S5	10.000	10.117	.117	1.17	2.1640	.004	1



Ti 336.121 {100}

Date of Fit: 11/22/2019 11:28:05

Type of Fit: Linear

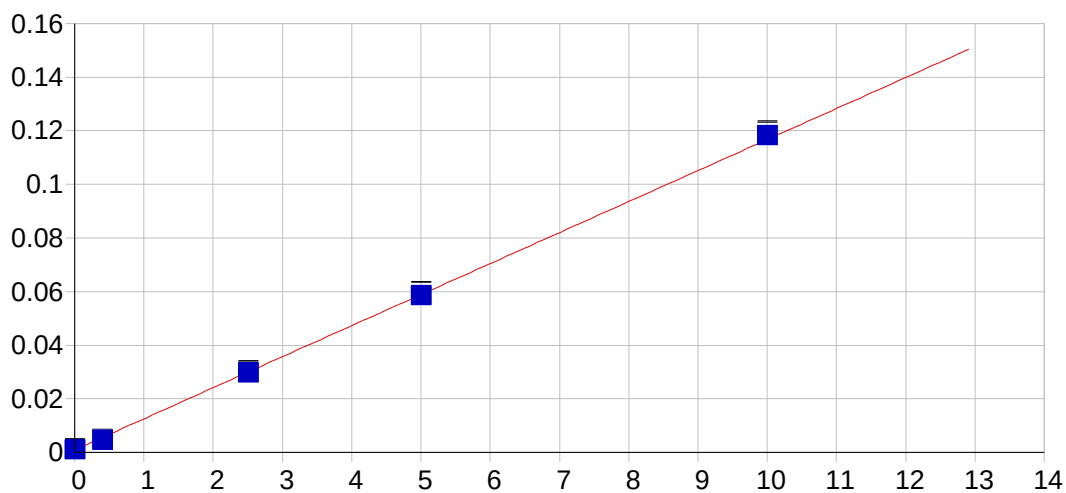
Weighting: 1/Conc

A0 (Offset): 0.007789
 A1 (Gain): 0.574479
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959
 Std Error of Est: 0.000177
 Predicted MDL: 0.001563
 Predicted MQL: 0.005210

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	.00779	.001	1
S1	.04000	.03510	-.005	-12.2	.02794	.001	1
S3	2.5000	2.5422	.042	1.69	1.4681	.029	1
S4	5.0000	4.9782	-.022	-.436	2.8673	.074	1
S5	10.000	9.9845	-.016	-.155	5.7429	.038	1

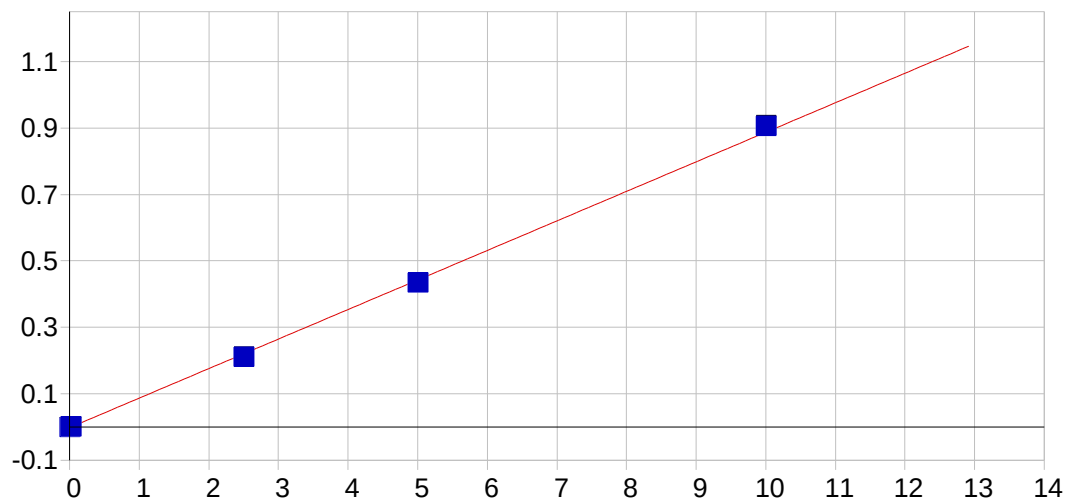


Si 288.158 {117}

Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000973 Re-Slope: 1.000000
 A1 (Gain): 0.011576 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999394 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.017140
 Predicted MQL: 0.057132

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00097	.000	1
S1	.40000	.31212	-.088	-22.0	.00458	.000	1
S3	2.5000	2.4764	-.024	-.945	.02954	.001	1
S4	5.0000	4.9747	-.025	-.507	.05837	.001	1
S5	10.000	10.137	.137	1.37	.11794	.001	1



P 177.495 {490}

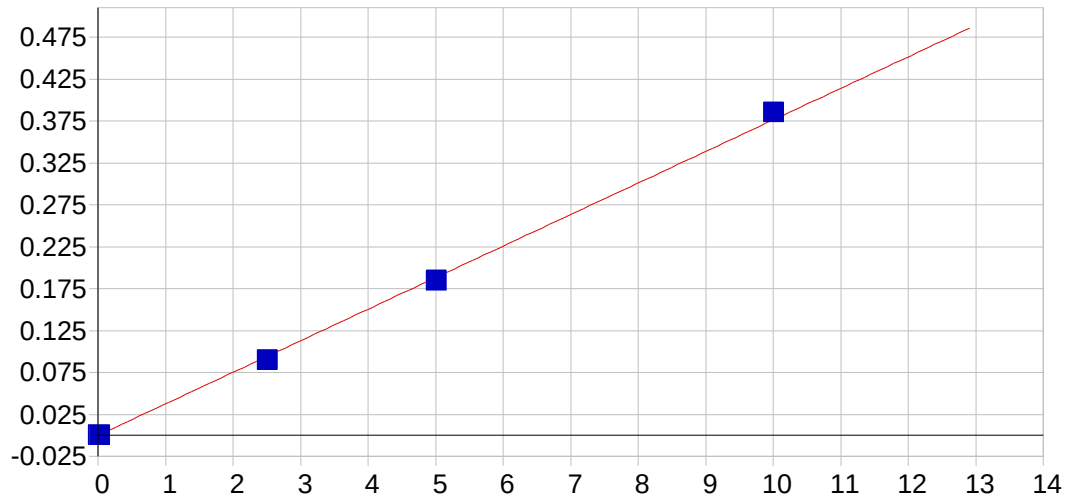
Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002162 Re-Slope: 1.000000
 A1 (Gain): 0.088903 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999676
 Std Error of Est: 0.000055
 Predicted MDL: 0.003014
 Predicted MQL: 0.010047

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00216	.000	1
S1	.02000	.01656	-.003	-17.2	-.00070	.000	1
S3	2.5000	2.3949	-.105	-4.20	.21043	.000	1
S4	5.0000	4.9005	-.100	-1.99	.43286	.001	1
S5	10.000	10.208	.208	2.08	.90407	.002	1



S 182.034 {485}

Date of Fit: 11/22/2019 11:28:05

Type of Fit: Linear

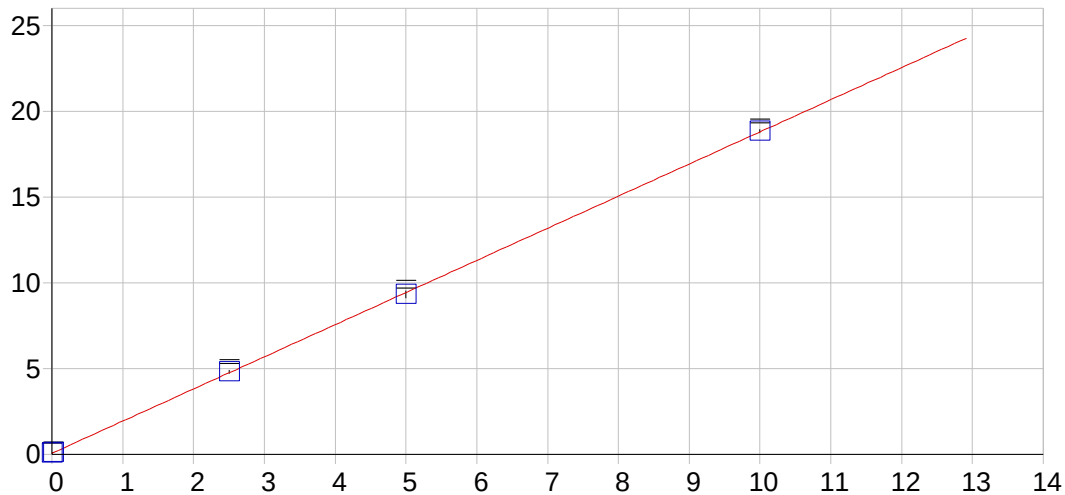
Weighting: 1/Conc

A0 (Offset): -0.000039
 A1 (Gain): 0.037648
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999537
 Std Error of Est: 0.000028
 Predicted MDL: 0.006160
 Predicted MQL: 0.020532

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	-.00004	.000	1
S1	.02000	.01313	-.007	-34.4	.00043	.000	1
S3	2.5000	2.3818	-.118	-4.73	.08956	.000	1
S4	5.0000	4.8864	-.114	-2.27	.18378	.001	1
S5	10.000	10.238	.238	2.38	.38513	.000	1

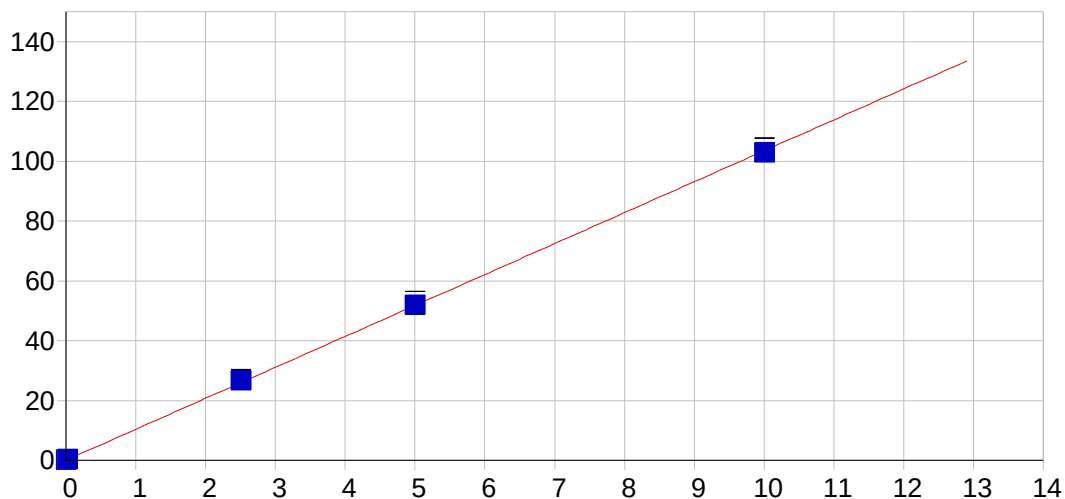


Li 670.784 { 50}

Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.066712 Re-Slope: 1.000000
 A1 (Gain): 1.873318 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000363
 Predicted MDL: 0.001546
 Predicted MQL: 0.005154

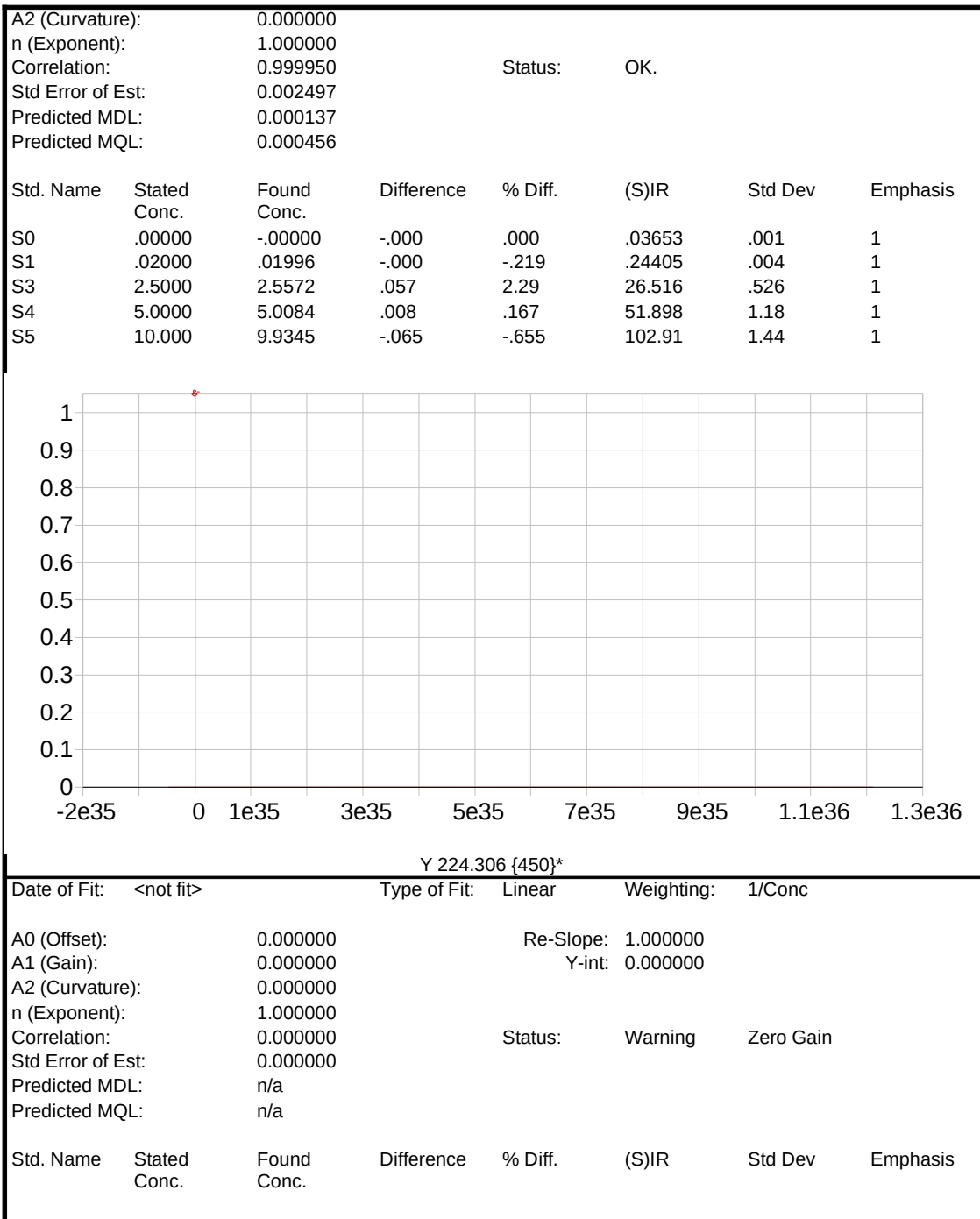
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.06671	.002	1
S5	10.000	10.020	.020	.196	18.837	.110	1
S4	5.0000	4.9460	-.054	-1.08	9.3322	.221	1
S3	2.5000	2.5333	.033	1.33	4.8123	.104	1
S1	.02000	.02114	.001	5.68	.10631	.003	1

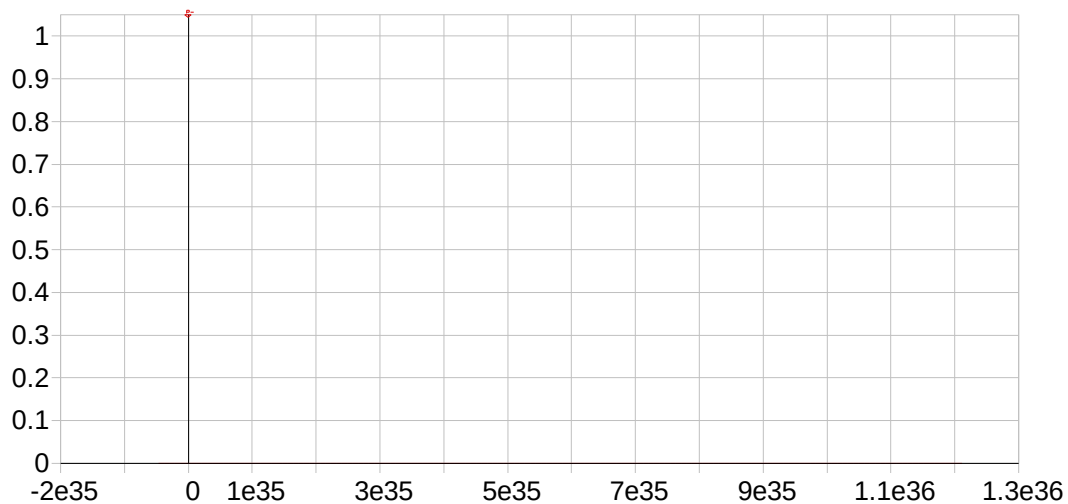


Sr 407.771 { 83}

Date of Fit: 11/22/2019 11:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.036531 Re-Slope: 1.000000
 A1 (Gain): 10.344202 Y-int: 0.000000

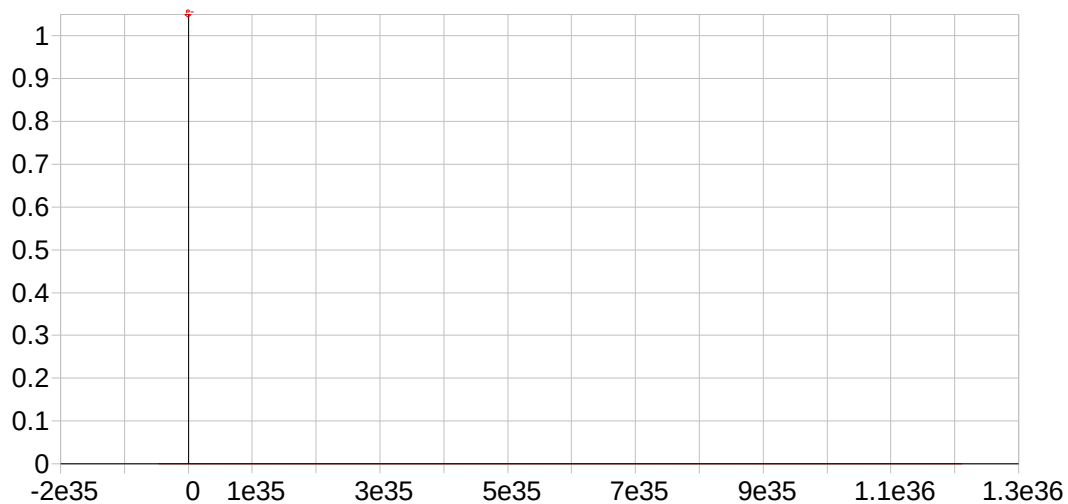




Y 360.073 { 94}*
 Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

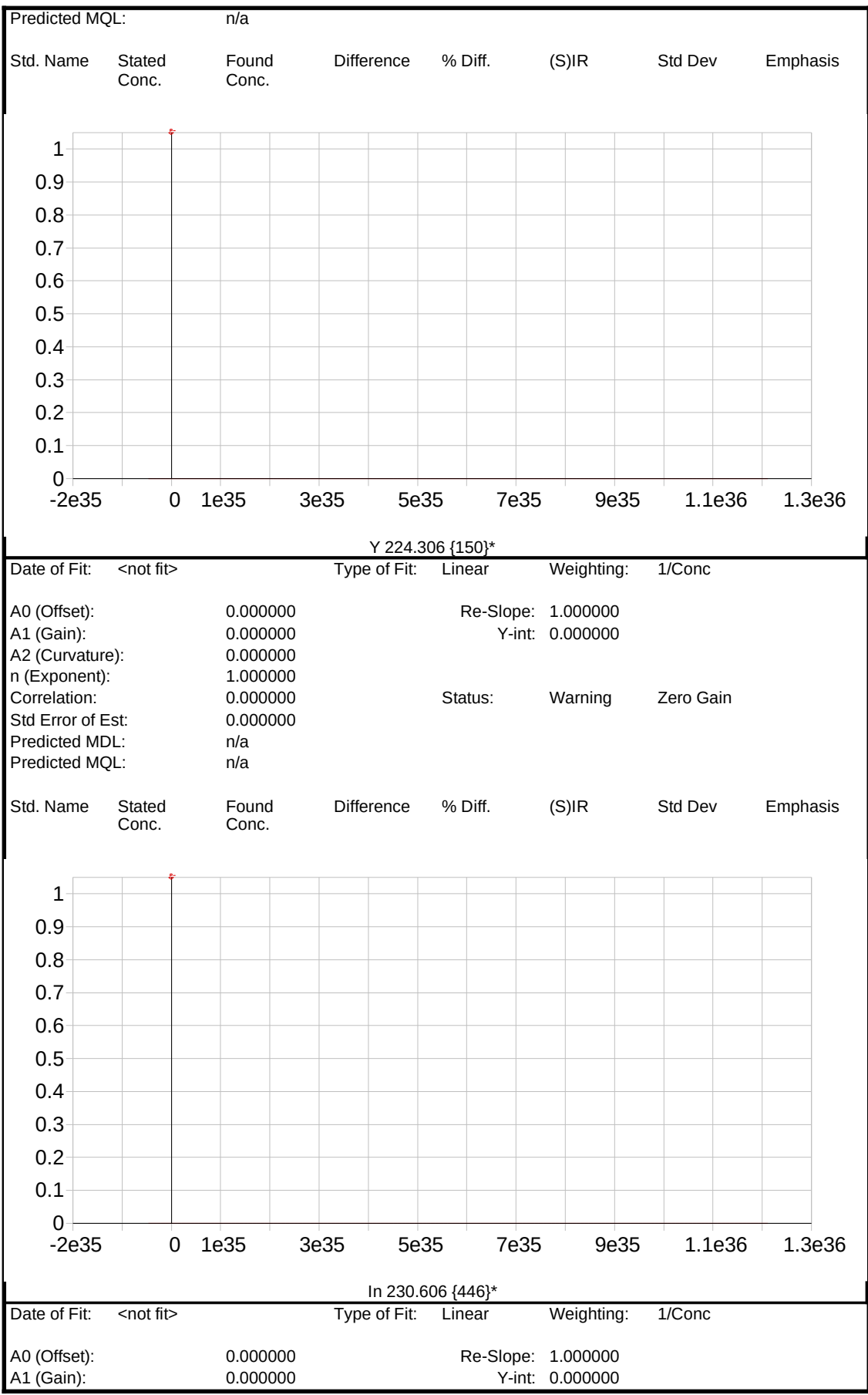
A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

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

Sample Name: S0 Acquired: 11/22/2019 11:04:35 Type: Cal
Method: NON EPA-6010-200.7(v118) 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	-.00013	.00045	.00298	.00338	.00531	.01388	.13084	-.00096
Stddev	.00021	.00032	.00075	.00032	.00082	.00087	.00606	.00042
%RSD	163.45	71.379	24.997	9.6026	15.369	6.3035	4.6309	43.899

#1	-.00025	.00016	.00310	.00301	.00521	.01310	.12476	-.00110
#2	.00011	.00079	.00366	.00357	.00618	.01482	.13687	-.00049
#3	-.00025	.00040	.00219	.00357	.00455	.01371	.13089	-.00129

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	.00644	.00418	.00017	.00137	.00944	.00013	.00168	.00497
Stddev	.00036	.00134	.00037	.00017	.00051	.00015	.00040	.00050
%RSD	5.6084	32.122	219.75	12.068	5.4191	113.32	23.935	10.029

#1	.00626	.00369	.00007	.00140	.00900	.00021	.00214	.00449
#2	.00621	.00570	.00059	.00120	.01000	.00022	.00150	.00549
#3	.00686	.00315	-.00014	.00153	.00931	-.00004	.00140	.00493

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	-.00045	-.00044	.06639	.00590	.01551	.05765	-.00071	.00192
Stddev	.00044	.00011	.00150	.00035	.00141	.00131	.00061	.00048
%RSD	97.161	25.169	2.2580	5.8916	9.0721	2.2645	84.853	24.987

#1	-.00095	-.00040	.06567	.00626	.01591	.05631	-.00026	.00243
#2	-.00015	-.00057	.06539	.00588	.01395	.05772	-.00140	.00186
#3	-.00025	-.00036	.06811	.00556	.01668	.05891	-.00048	.00147

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	.00581	.00779	.00097	-.00216	-.00004	.06671	.03653	
Stddev	.00005	.00083	.00011	.00017	.00017	.00244	.00149	
%RSD	.93949	10.662	10.916	7.9270	447.33	3.6642	4.0803	

#1	.00587	.00875	.00097	-.00216	-.00017	.06566	.03670	
#2	.00576	.00730	.00108	-.00233	-.00010	.06496	.03496	
#3	.00579	.00732	.00087	-.00199	.00016	.06950	.03792	

Sample Name: S0 Acquired: 11/22/2019 11:04:35 Type: Cal
Method: NON EPA-6010-200.7(v118) 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	1026.1	9975.5	3387.5	974.51	1407.6
Stddev	4.5	48.3	15.4	7.54	3.4
%RSD	.44195	.48398	.45437	.77362	.24400
#1	1022.9	9958.8	3370.4	983.02	1403.7
#2	1024.1	9937.8	3391.9	968.66	1408.8
#3	1031.3	10030.	3400.2	971.85	1410.2

Sample Name: S1 Acquired: 11/22/2019 11:08:37 Type: Cal
Method: NON EPA-6010-200.7(v118) 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	.00143	.00516	.00537	.00522	.01396	.02048	.65589	.02666
Stddev	.00026	.00054	.00035	.00032	.00050	.00152	.00495	.00031
%RSD	18.324	10.504	6.4758	6.1429	3.6057	7.4252	.75404	1.1543

#1	.00113	.00529	.00577	.00519	.01401	.02165	.65929	.02691
#2	.00154	.00457	.00513	.00556	.01443	.02102	.65022	.02632
#3	.00161	.00563	.00521	.00492	.01343	.01876	.65817	.02676

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	.01831	.00424	.02249	.02730	.00195	.01993	.02093	.00336
Stddev	.00059	.00028	.00028	.00012	.00006	.00059	.00033	.00040
%RSD	3.2383	6.5793	1.2296	.44261	3.2205	2.9435	1.5970	11.820

#1	.01808	.00392	.02246	.02719	.00201	.02021	.02101	.00320
#2	.01787	.00438	.02278	.02743	.00189	.01925	.02121	.00381
#3	.01899	.00443	.02222	.02726	.00194	.02031	.02056	.00306

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	.01309	.10518	.02586	.19474	.01350	.02794	.00458	-.00070
Stddev	.00040	.00186	.00039	.00062	.00010	.00091	.00009	.00019
%RSD	3.0902	1.7647	1.5256	.31949	.74102	3.2442	1.9612	27.993

#1	.01336	.10674	.02602	.19453	.01362	.02888	.00456	-.00050
#2	.01262	.10313	.02541	.19426	.01348	.02788	.00451	-.00070
#3	.01329	.10567	.02615	.19544	.01342	.02707	.00468	-.00089

Elem	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.00043	.10631	.24405
Stddev	.00007	.00299	.00379
%RSD	16.591	2.8148	1.5548

#1	.00041	.10559	.24835
#2	.00038	.10374	.24116
#3	.00051	.10960	.24264

Sample Name: S1 Acquired: 11/22/2019 11:08:37 Type: Cal
Method: NON EPA-6010-200.7(v118) 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	1038.5	9997.5	3390.0	978.89	1418.2
Stddev	9.8	44.6	65.7	10.92	16.7
%RSD	.94541	.44576	1.9377	1.1151	1.1806
#1	1029.6	10024.	3314.3	966.83	1410.7
#2	1036.9	9946.0	3431.6	981.77	1406.6
#3	1049.0	10023.	3424.2	988.09	1437.4

Sample Name: S2 Acquired: 11/22/2019 11:12:41 Type: Cal
Method: NON EPA-6010-200.7(v118) 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	.15792	.03579	.30530	.09863
Stddev	.00126	.00078	.00574	.00070
%RSD	.80042	2.1749	1.8817	.71182

#1	.15683	.03539	.30032	.09786
#2	.15764	.03529	.30400	.09878
#3	.15931	.03669	.31158	.09924

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	10105.	3491.0
Stddev	42.	38.7
%RSD	.41078	1.1097

#1	10066.	3460.5
#2	10149.	3477.9
#3	10101.	3534.6

Sample Name: S3 Acquired: 11/22/2019 11:16:41 Type: Cal
Method: NON EPA-6010-200.7(v118) 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	.16427	.30662	.52064	.18798	.44010	.29886	26.181	.55549
Stddev	.00029	.00076	.00161	.00080	.00086	.00732	.543	.00261
%RSD	.17714	.24908	.30870	.42598	.19604	2.4489	2.0752	.47060

#1	.16451	.30580	.51895	.18744	.44046	.29094	25.574	.55253
#2	.16436	.30673	.52215	.18760	.43911	.30024	26.347	.55747
#3	.16395	.30732	.52082	.18890	.44072	.30539	26.622	.55647

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8346	.88670	.21699	.95172	.57245	.05110	1.0801	.18997
Stddev	.0085	.02116	.00018	.00230	.00291	.00120	.0192	.00374
%RSD	.29876	2.3868	.08182	.24121	.50761	2.3553	1.7732	1.9688

#1	2.8265	.86292	.21719	.94953	.57160	.04995	1.0595	.18575
#2	2.8338	.89372	.21689	.95411	.57006	.05098	1.0834	.19127
#3	2.8434	.90346	.21688	.95154	.57568	.05235	1.0974	.19289

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	.68548	.26064	1.4675	.22955	2.8996	.31022	.68833	2.5302
Stddev	.00235	.00130	.0222	.00449	.0173	.00505	.00667	.0070
%RSD	.34227	.50062	1.5153	1.9545	.59769	1.6281	.96867	.27514

#1	.68351	.25987	1.4451	.22439	2.8802	.30578	.68161	2.5356
#2	.68486	.25991	1.4677	.23256	2.9052	.30918	.69495	2.5224
#3	.68807	.26215	1.4896	.23169	2.9134	.31571	.68842	2.5327

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	.52311	1.4681	.02954	.21043	.08956	4.8123	26.516	
Stddev	.00166	.0285	.00076	.00014	.00028	.1037	.526	
%RSD	.31740	1.9424	2.5580	.06845	.31755	2.1545	1.9836	

#1	.52154	1.4364	.02959	.21041	.08924	4.6959	25.932	
#2	.52296	1.4760	.02877	.21058	.08964	4.8465	26.661	
#3	.52485	1.4918	.03028	.21030	.08979	4.8947	26.953	

Sample Name: S3 Acquired: 11/22/2019 11:16:41 Type: Cal
Method: NON EPA-6010-200.7(v118) 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	1017.4	9807.7	3463.6	952.15	1336.9
Stddev	2.6	49.7	13.1	.77	1.1
%RSD	.25988	.50669	.37898	.08135	.08369
#1	1014.4	9750.8	3471.9	952.10	1337.4
#2	1019.5	9842.8	3448.4	952.94	1337.7
#3	1018.2	9829.5	3470.4	951.40	1335.7

Sample Name: S4 Acquired: 11/22/2019 11:20:28 Type: Cal
Method: NON EPA-6010-200.7(v118) 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	.32838	.61103	1.0402	.38136	.87028	.57728	51.326	1.0820
Stddev	.00104	.00148	.0019	.00214	.00032	.01411	1.120	.0040
%RSD	.31559	.24157	.18040	.56242	.03639	2.4438	2.1826	.37016

#1	.32729	.61228	1.0399	.38381	.87053	.56099	50.032	1.0774
#2	.32850	.61140	1.0384	.38047	.87038	.58559	51.977	1.0847
#3	.32935	.60940	1.0422	.37980	.86992	.58526	51.967	1.0840

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	5.6839	1.7285	.43008	1.9122	1.0809	.10126	2.0850	.36775
Stddev	.0121	.0401	.00110	.0018	.0039	.00256	.0582	.00884
%RSD	.21282	2.3221	.25532	.09262	.35622	2.5305	2.7905	2.4050

#1	5.6942	1.6821	.43009	1.9134	1.0765	.09860	2.0195	.35756
#2	5.6706	1.7520	.42898	1.9101	1.0825	.10147	2.1045	.37338
#3	5.6870	1.7513	.43117	1.9130	1.0837	.10372	2.1308	.37232

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	1.3756	.51755	2.8579	.44412	5.7301	.56155	1.3583	4.9857
Stddev	.0027	.00160	.0618	.01149	.0370	.01013	.0094	.0144
%RSD	.19971	.30972	2.1614	2.5874	.64497	1.8039	.69276	.28920

#1	1.3783	.51591	2.7894	.43097	5.7063	.55082	1.3479	4.9694
#2	1.3758	.51763	2.8753	.44913	5.7113	.56287	1.3664	4.9967
#3	1.3728	.51912	2.9092	.45225	5.7727	.57095	1.3605	4.9911

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	1.0643	2.8673	.05837	.43286	.18378	9.3322	51.898
Stddev	.0024	.0739	.00136	.00060	.00087	.2213	1.185
%RSD	.22382	2.5780	2.3375	.13864	.47478	2.3718	2.2826

#1	1.0661	2.7826	.05682	.43316	.18479	9.0767	50.531
#2	1.0616	2.9004	.05888	.43325	.18321	9.4636	52.554
#3	1.0653	2.9189	.05940	.43217	.18335	9.4563	52.610

Sample Name: S4 Acquired: 11/22/2019 11:20:28 Type: Cal
Method: NON EPA-6010-200.7(v118) 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	1005.2	9671.7	3465.6	935.85	1288.1
Stddev	5.4	20.6	15.5	3.68	.8
%RSD	.53308	.21275	.44765	.39355	.06557
#1	1011.3	9653.4	3480.1	933.04	1288.7
#2	1001.3	9694.0	3449.2	940.02	1287.1
#3	1003.1	9667.6	3467.3	934.50	1288.4

Sample Name: S5 Acquired: 11/22/2019 11:24:13 Type: Cal
Method: NON EPA-6010-200.7(v118) 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	.65928	1.2186	2.0995	.78250	1.7377	1.1668	101.02	2.0852
Stddev	.00105	.0030	.0057	.00139	.0027	.0094	1.90	.0095
%RSD	.15985	.24687	.27301	.17820	.15234	.80836	1.8797	.45646

#1	.66019	1.2210	2.1049	.78364	1.7407	1.1564	98.830	2.0883
#2	.65813	1.2196	2.1001	.78094	1.7369	1.1748	102.13	2.0745
#3	.65953	1.2152	2.0935	.78293	1.7355	1.1691	102.11	2.0928

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	11.474	3.4578	.85228	3.8404	2.1152	.20656	4.0868	.73622
Stddev	.021	.0309	.00282	.0092	.0026	.00130	.0281	.00674
%RSD	.18665	.89311	.33063	.24044	.12114	.63177	.68758	.91481

#1	11.498	3.4241	.85195	3.8505	2.1178	.20513	4.0569	.72853
#2	11.468	3.4645	.85525	3.8383	2.1152	.20768	4.0908	.73910
#3	11.457	3.4848	.84964	3.8324	2.1127	.20687	4.1127	.74104

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7665	1.0453	5.9140	.88471	11.470	1.1142	2.6240	9.8509
Stddev	.0033	.0022	.0384	.00612	.064	.0077	.0165	.0174
%RSD	.12004	.21087	.65008	.69145	.55810	.68819	.62782	.17691

#1	2.7704	1.0434	5.8874	.87767	11.510	1.1101	2.6314	9.8709
#2	2.7646	1.0477	5.9581	.88783	11.396	1.1230	2.6051	9.8391
#3	2.7646	1.0447	5.8966	.88865	11.504	1.1094	2.6354	9.8427

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	2.1640	5.7429	.11794	.90407	.38513	18.837	102.91	
Stddev	.0044	.0382	.00146	.00173	.00013	.110	1.44	
%RSD	.20305	.66501	1.2393	.19173	.03294	.58437	1.3959	

#1	2.1656	5.7004	.11627	.90593	.38500	18.709	101.30	
#2	2.1674	5.7540	.11900	.90249	.38525	18.899	104.08	
#3	2.1591	5.7744	.11855	.90380	.38515	18.901	103.35	

Sample Name: S5 Acquired: 11/22/2019 11:24:13 Type: Cal
Method: NON EPA-6010-200.7(v118) 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	991.02	9621.6	3556.2	923.36	1231.4
Stddev	4.47	23.4	19.8	7.19	6.2
%RSD	.45105	.24303	.55776	.77877	.50147
#1	989.48	9595.4	3552.6	916.91	1228.8
#2	987.52	9629.1	3577.5	931.11	1227.0
#3	996.05	9640.3	3538.3	922.06	1238.5

Sample Name: ICV01 Acquired: 11/22/2019 12:03:43 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9831432	1.052869	.9860135	.9967544	.9793222	2.575697
Stddev	.0053581	.006183	.0037396	.0052581	.0039159	.051927
%RSD	.5450000	.5872187	.3792659	.5275185	.3998598	2.016050

#1	.9887626	1.057139	.9902087	1.002351	.9802912	2.531568
#2	.9825753	1.055689	.9830300	.995995	.9750127	2.562605
#3	.9780916	1.045779	.9848018	.991917	.9826626	2.632917

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5134753	.4919298	.4804324	10.23413	.5026900	.4894453
Stddev	.0051362	.0022281	.0005893	.12797	.0011027	.0007584
%RSD	1.000282	.4529361	.1226511	1.250410	.2193588	.1549488

#1	.5077421	.4925215	.4800061	10.08930	.5025866	.4888043
#2	.5176567	.4894655	.4811048	10.28116	.5038408	.4902825
#3	.5150269	.4938023	.4801861	10.33194	.5016427	.4892490

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5117508	5.058165	.5033764	5.961335	.4882482	.4887446
Stddev	.0009959	.073573	.0053882	.104189	.0008897	.0017571
%RSD	.1946031	1.454545	1.070411	1.747751	.1822271	.3595125

#1	.5126091	4.981000	.4993364	5.841804	.4872458	.4898455
#2	.5119844	5.127524	.5094941	6.009287	.4889444	.4867182
#3	.5106589	5.065969	.5012986	6.032915	.4885544	.4896702

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.732411	.4919251	1.028167	9.845077	2.421007	2.475160
Stddev	.164821	.0038840	.005482	.204425	.019442	.004349
%RSD	1.693525	.7895555	.5332297	2.076418	.8030493	.1757025

#1	9.545109	.4878238	1.033856	9.614286	2.432681	2.477851
#2	9.796832	.4955474	1.027727	10.00338	2.398564	2.470143
#3	9.855293	.4924042	1.022917	9.91756	2.431777	2.477487

Sample Name: ICV01 Acquired: 11/22/2019 12:03:43 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.323948	2.450586	F 2.300275	F .0069620	F -.007276	F -.002966
Stddev	.003099	.020542	.027625	.0044413	.001717	.000339
%RSD	.1333559	.8382463	1.200956	63.79367	23.59677	11.42410

#1	2.324327	2.427467	2.273397	.0110354	-.007528	-.002845
#2	2.320677	2.466742	2.298836	.0022270	-.008853	-.002705
#3	2.326841	2.457548	2.328591	.0076236	-.005447	-.003349

Elem	Sr4077
Units	ppm
Avg	F .0050226
Stddev	.0000979
%RSD	1.949127

#1	.0050011
#2	.0049372
#3	.0051294

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1017.403	9749.006	3521.625	941.1043	1364.839
Stddev	2.540	12.345	7.192	4.3661	2.895
%RSD	.2496382	.1266283	.2042307	.4639361	.2120820

#1	1014.774	9746.627	3518.073	940.0849	1361.869
#2	1017.593	9738.024	3529.902	937.3381	1364.997
#3	1019.843	9762.368	3516.900	945.8899	1367.651

Sample Name: K5964-04 Acquired: 11/22/2019 13:08:15 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	.0007056	-.007072	.0484041	.0223697	.0012941	1.132986	.0652144
Stddev	.0031935	.001501	.0031369	.0029489	.0029980	.019567	.0013439
%RSD	452.6208	21.22539	6.480550	13.18243	231.6680	1.727072	2.060781

#1	-.000124	-.008259	.0451958	.0190945	.0047557	1.120904	.0637569
#2	-.001991	-.007573	.0485524	.0248139	-.000405	1.122492	.0654817
#3	.004232	-.005385	.0514642	.0232008	-.000468	1.155562	.0664046

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000268	-.001312	62.31519	.0051895	.0036025	.0326350	15.66916
Stddev	.0000786	.000032	1.35604	.0003062	.0003093	.0006471	.14185
%RSD	293.1226	2.435676	2.176095	5.899846	8.586096	1.982894	.9052954

#1	-.000035	-.001278	60.80559	.0048987	.0032515	.0323199	15.52572
#2	.000000	-.001342	62.70993	.0051608	.0038353	.0322057	15.67241
#3	.000115	-.001314	63.43007	.0055090	.0037207	.0333793	15.80936

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3734578	7.047314	.0100813	-.000091	73.55719	.0040827	.5197687
Stddev	.0054823	.123260	.0003762	.000458	1.20378	.0042670	.0032472
%RSD	1.467974	1.749034	3.731148	505.7276	1.636522	104.5159	.6247349

#1	.3671878	6.922063	.0104448	.000337	72.17806	.0027498	.5177010
#2	.3758379	7.051396	.0096937	-.000035	74.09651	.0006412	.5235113
#3	.3773478	7.168482	.0101053	-.000574	74.39702	.0088571	.5180938

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.517625	.0325187	-.002567	-.034236	.0445225	8.477945	1.197424
Stddev	.097188	.0022704	.000266	.000468	.0012081	.100374	.008699
%RSD	1.761405	6.981955	10.35118	1.368063	2.713463	1.183938	.7264690

#1	5.416812	.0299309	-.002823	-.034258	.0442203	8.364879	1.201582
#2	5.525335	.0334484	-.002292	-.034694	.0458530	8.556543	1.203264
#3	5.610728	.0341766	-.002585	-.033758	.0434942	8.512415	1.187427

Sample Name: K5964-04 Acquired: 11/22/2019 13:08:15 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	2.609922	.0118646	.2287758
Stddev	.014943	.0005412	.0055316
%RSD	.5725568	4.561318	2.417930

#1	2.592722	.0122709	.2224594
#2	2.617324	.0112502	.2311116
#3	2.619719	.0120725	.2327565

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1040.834	9951.840	3724.751	974.6018	1358.364
Stddev	3.878	31.776	38.092	6.6437	5.559
%RSD	.3726244	.3193002	1.022670	.6816836	.4092532

#1	1045.231	9976.417	3761.942	970.5163	1364.772
#2	1039.372	9963.145	3726.494	971.0214	1354.827
#3	1037.899	9915.957	3685.818	982.2677	1355.494

Sample Name: K5896-02LREX5 Acquired: 11/22/2019 13:41:02 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	.0006415	-.001600	-.000557	.0057925	.0062607	.2119887	.0072466
Stddev	.0041987	.001824	.002266	.0049820	.0033903	.0172010	.0009875
%RSD	654.5223	113.9869	406.4442	86.00787	54.15160	8.114092	13.62689

#1	.0030034	-.000672	-.002580	.0115085	.0085226	.2260318	.0061075
#2	-.004206	-.000427	.001891	.0034959	.0078969	.1928030	.0078600
#3	.003127	-.003701	-.000984	.0023730	.0023627	.2171315	.0077723

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000416	-.000547	4.519371	.0007785	.0027089	.0126076	.0424864
Stddev	.0000211	.000015	.159307	.0006296	.0006892	.0005608	.0098814
%RSD	50.65181	2.750237	3.524971	80.87469	25.44208	4.448132	23.25791

#1	.0000639	-.000555	4.357403	.0014806	.0029817	.0121342	.0536909
#2	.0000221	-.000557	4.524835	.0005911	.0019251	.0124615	.0387516
#3	.0000388	-.000530	4.675875	.0002639	.0032200	.0132269	.0350167

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014731	.7237346	.0005660	.0013985	15.75924	-.000495	.0392842
Stddev	.0003513	.0465392	.0006191	.0001890	.49873	.001589	.0009592
%RSD	23.84959	6.430428	109.3791	13.51765	3.164668	321.0602	2.441739

#1	.0013486	.7082111	-.000058	.0011820	15.18632	-.001078	.0384289
#2	.0018698	.6869412	.000575	.0014823	15.99520	-.001710	.0403213
#3	.0012011	.7760516	.001180	.0015311	16.09621	.001303	.0391024

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.87661	.0104334	-.000644	-.007378	.0058896	.8325467	.3990242
Stddev	.41549	.0010025	.000321	.000113	.0024985	.0074198	.0065008
%RSD	2.792935	9.608336	49.78199	1.536327	42.42217	.8912213	1.629183

#1	14.39722	.0093716	-.000694	-.007506	.0087350	.8258367	.4064076
#2	15.09986	.0113635	-.000302	-.007339	.0048803	.8312881	.3941599
#3	15.13276	.0105651	-.000937	-.007289	.0040537	.8405153	.3965052

Sample Name: K5896-02LREX5 Acquired: 11/22/2019 13:41:02 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	2.483097	-.001312	.0133794
Stddev	.004605	.000870	.0004500
%RSD	.1854367	66.30288	3.363481

#1	2.484464	-.001427	.0130185
#2	2.477964	-.000390	.0132361
#3	2.486863	-.002118	.0138836

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1016.171	9588.206	3539.799	922.1901	1374.755
Stddev	3.837	30.278	24.168	1.8507	4.615
%RSD	.3776424	.3157859	.6827370	.2006823	.3357002

#1	1011.744	9590.416	3544.649	921.1316	1369.626
#2	1018.553	9556.883	3561.173	924.3270	1376.065
#3	1018.216	9617.319	3513.574	921.1117	1378.573

Sample Name: LLICV01 Acquired: 11/22/2019 12:07:35 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207232	.0388110	.0141891	.0183119	.0498127	.1073276
Stddev	.0039943	.0016656	.0036956	.0035335	.0015828	.0073888
%RSD	19.27445	4.291529	26.04565	19.29603	3.177566	6.884362

#1	.0171315	.0388309	.0105953	.0142397	.0506275	.0989998
#2	.0200134	.0404666	.0179787	.0201285	.0479884	.1130979
#3	.0250249	.0371356	.0139932	.0205676	.0508221	.1098851

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0983388	.0061508	.0049496	1.974851	.0097459	.0281027
Stddev	.0018731	.0000227	.0002092	.039190	.0005871	.0007203
%RSD	1.904696	.3690212	4.227312	1.984475	6.024251	2.562990

#1	.0961798	.0061284	.0047375	1.930450	.0094545	.0283321
#2	.0995303	.0061738	.0049554	2.004623	.0104217	.0272956
#3	.0993062	.0061503	.0051558	1.989480	.0093614	.0286803

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212835	.1054383	.0202008	1.945401	.0394571	.0112062
Stddev	.0012194	.0134727	.0002080	.075835	.0010034	.0012871
%RSD	5.729125	12.77777	1.029724	3.898183	2.542987	11.48571

#1	.0204407	.0926657	.0201491	1.877112	.0385520	.0116262
#2	.0226817	.1041332	.0204298	1.932074	.0392832	.0097616
#3	.0207282	.1195160	.0200236	2.027016	.0405360	.0122309

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.866718	.0377628	.0381143	1.861966	.0955978	.1951369
Stddev	.045697	.0022806	.0013225	.120232	.0013850	.0011401
%RSD	2.447994	6.039146	3.469731	6.457284	1.448784	.5842718

#1	1.815314	.0358160	.0373346	1.766740	.0970769	.1942399
#2	1.882103	.0372005	.0373671	1.822087	.0943315	.1947509
#3	1.902737	.0402719	.0396413	1.997071	.0953851	.1964199

Sample Name: LLICV01 Acquired: 11/22/2019 12:07:35 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0354712	.0337615	.3307770	.0178973	F .0129877	.0164052
Stddev	.0005354	.0019949	.0173435	.0033418	.0014552	.0020079
%RSD	1.509506	5.908838	5.243248	18.67235	11.20471	12.23966

#1	.0348827	.0316206	.3116892	.0170575	.0124046	.0140880
#2	.0359297	.0355683	.3455684	.0215790	.0146441	.0174961
#3	.0356013	.0340957	.3350734	.0150555	.0119144	.0176315

Elem	Sr4077
Units	ppm
Avg	.0191608
Stddev	.0003326
%RSD	1.735949

#1	.0189191
#2	.0190231
#3	.0195401

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1035.726	9912.277	3523.192	957.9129	1413.932
Stddev	5.071	24.121	16.398	2.9953	3.607
%RSD	.4895925	.2433450	.4654256	.3126853	.2550927

#1	1037.156	9904.748	3518.616	957.2277	1416.922
#2	1039.929	9892.819	3509.568	961.1914	1414.948
#3	1030.094	9939.265	3541.392	955.3197	1409.927

Sample Name: ICB01 Acquired: 11/22/2019 12:11:39 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001831	-.000531	-.001667	-.001279	-.000914	-.007168
Stddev	.005967	.005204	.002544	.002760	.004485	.013663
%RSD	325.9361	979.3895	152.6404	215.7303	490.6809	190.6151

#1	.003841	-.006540	-.003665	-.001301	.002906	-.021182
#2	-.001279	.002417	.001198	-.004028	.000204	.006115
#3	-.008055	.002529	-.002533	.001491	-.005852	-.006437

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002279	-.000096	-.000889	.0005940	.0004805	-.000180
Stddev	.000062	.000156	.000096	.0124646	.0001380	.000554
%RSD	2.720762	162.6294	10.77927	2098.388	28.71970	308.3864

#1	-.002241	.000062	-.000819	.0147528	.0004686	.000162
#2	-.002247	-.000100	-.000998	-.004247	.0003489	.000117
#3	-.002351	-.000249	-.000851	-.008724	.0006241	-.000818

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001705	.0046476	-.000370	-.018657	-.000366	.0006282
Stddev	.0005927	.0095261	.000751	.005420	.000629	.0004116
%RSD	347.5517	204.9706	203.1802	29.05148	171.7885	65.51775

#1	.0005853	-.004458	-.000372	-.016054	-.000987	.0004782
#2	-.000508	.014545	-.001119	-.015029	-.000383	.0003126
#3	.000435	.003855	.000383	-.024887	.000271	.0010937

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.018179	-.004250	-.003357	-.039470	-.004395	-.000970
Stddev	.001010	.002638	.000490	.084253	.001336	.000399
%RSD	5.553314	62.06991	14.60815	213.4614	30.40172	41.10329

#1	-.017590	-.001705	-.003071	.050355	-.002868	-.001314
#2	-.019344	-.006972	-.003077	-.052022	-.004964	-.000533
#3	-.017601	-.004073	-.003923	-.116744	-.005352	-.001063

Sample Name: ICB01 Acquired: 11/22/2019 12:11:39 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006419	-.002860	-.057696	.0017690	-.007880	F -.005135
Stddev	.0015272	.000771	.008594	.0006734	.008053	.000980
%RSD	237.9145	26.95045	14.89539	38.06987	102.2003	19.08656

#1	.0022863	-.002936	-.050483	.0013768	-.014488	-.005797
#2	.0003714	-.003591	-.067205	.0013835	.001090	-.005600
#3	-.000732	-.002055	-.055401	.0025466	-.010242	-.004009

Elem	Sr4077
Units	ppm
Avg	-.001382
Stddev	.000081
%RSD	5.855826

#1	-.001437
#2	-.001421
#3	-.001289

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1042.460	9983.503	3578.468	962.1577	1435.024
Stddev	9.011	30.958	47.436	6.8300	14.207
%RSD	.8644162	.3100892	1.325593	.7098601	.9899923

#1	1036.433	9953.390	3575.485	957.4420	1426.479
#2	1038.129	10015.24	3627.324	969.9900	1427.168
#3	1052.819	9981.88	3532.594	959.0410	1451.423

Sample Name: CRI01 Acquired: 11/22/2019 12:15:42 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198700	.0393045	.0115286	.0171126	.0494963	.1054985
Stddev	.0005172	.0044549	.0023012	.0015263	.0016613	.0144616
%RSD	2.602861	11.33428	19.96104	8.919178	3.356381	13.70785

#1	.0197610	.0442279	.0088734	.0187960	.0479060	.1134138
#2	.0194160	.0381335	.0127658	.0158189	.0493624	.1142746
#3	.0204330	.0355521	.0129467	.0167229	.0512205	.0888071

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0982037	.0061937	.0051658	2.008147	.0095105	.0283071
Stddev	.0017662	.0001352	.0002913	.038072	.0008098	.0006165
%RSD	1.798522	2.183056	5.638227	1.895900	8.514477	2.177926

#1	.0963173	.0063440	.0054801	1.964611	.0086728	.0284435
#2	.0998182	.0061552	.0051122	2.035201	.0095697	.0288439
#3	.0984755	.0060819	.0049050	2.024631	.0102891	.0276338

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212916	.0957615	.0208556	1.969127	.0382188	.0114311
Stddev	.0005168	.0100072	.0009302	.061078	.0011235	.0003494
%RSD	2.427073	10.45015	4.460036	3.101768	2.939633	3.056192

#1	.0216824	.0842686	.0201869	1.925432	.0376228	.0112918
#2	.0207057	.1025471	.0219178	2.038918	.0375189	.0111728
#3	.0214866	.1004688	.0204619	1.943032	.0395147	.0118286

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.892537	.0405573	.0399446	1.906917	.0933520	.1987937
Stddev	.054797	.0006334	.0017880	.109713	.0027008	.0014468
%RSD	2.895424	1.561661	4.476267	5.753430	2.893095	.7277934

#1	1.834147	.0410465	.0405312	1.789010	.0963633	.1982373
#2	1.900622	.0398418	.0379369	1.925739	.0925486	.1977077
#3	1.942842	.0407834	.0413656	2.006001	.0911441	.2004361

Sample Name: CRI01 Acquired: 11/22/2019 12:15:42 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0367898	.0347188	.3029542	.0159962	F .0075031	.0154991
Stddev	.0011272	.0006825	.0088854	.0028007	.0062005	.0011039
%RSD	3.063983	1.965829	2.932907	17.50864	82.63876	7.122470

#1	.0376530	.0340121	.2938248	.0191774	.0131014	.0155482
#2	.0372019	.0347700	.3115736	.0149096	.0085692	.0165776
#3	.0355145	.0353743	.3034642	.0139016	.0008387	.0143714

Elem	Sr4077
Units	ppm
Avg	.0191879
Stddev	.0002499
%RSD	1.302222

#1	.0188996
#2	.0193220
#3	.0193421

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1022.060	9792.448	3519.696	947.4618	1407.105
Stddev	6.597	26.388	26.400	5.2843	9.080
%RSD	.6454701	.2694684	.7500604	.5577370	.6452817

#1	1029.424	9822.084	3504.479	952.9688	1417.130
#2	1016.690	9783.763	3504.429	942.4326	1399.434
#3	1020.066	9771.498	3550.180	946.9840	1404.749

Sample Name: ICSA01 Acquired: 11/22/2019 12:19:44 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176170	.0005950	.0039251	-.000087	.0006165	255.2306
Stddev	.0052284	.0042571	.0053374	.006652	.0040760	2.8431
%RSD	29.67831	715.4955	135.9815	7660.073	661.1500	1.113915

#1	.0146970	.0050082	.0003567	.002336	.0044399	252.7476
#2	.0236532	.0002633	.0100610	-.007610	.0010818	254.6123
#3	.0145008	-.003487	.0013575	.005014	-.003672	258.3319

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047206	-.001248	-.003225	237.9047	.0564254	.0028820
Stddev	.0004647	.000352	.000284	2.9877	.0005265	.0012000
%RSD	9.844642	28.20657	8.804577	1.255833	.9331668	41.63657

#1	.0046086	-.000844	-.003207	235.1126	.0569490	.0042412
#2	.0043221	-.001488	-.002950	237.5458	.0564314	.0024350
#3	.0052310	-.001411	-.003517	241.0556	.0558960	.0019696

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007292	101.4933	.0133987	255.9173	.0094542	-.001952
Stddev	.0019075	1.7340	.0008396	2.8979	.0040126	.000904
%RSD	261.5725	1.708451	6.266421	1.132355	42.44295	46.31266

#1	.0028972	99.5943	.0143637	252.7851	.0127893	-.002362
#2	-.000691	101.8933	.0129973	256.4638	.0050011	-.002579
#3	-.000018	102.9924	.0128352	258.5030	.0105722	-.000916

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0689547	.0267001	-.003349	.2051863	-.015570	-.003908
Stddev	.0094318	.0098127	.000392	.0370053	.007375	.000102
%RSD	13.67823	36.75136	11.68859	18.03496	47.36921	2.600788

#1	.0587059	.0280926	-.002912	.1739577	-.024064	-.003815
#2	.0708885	.0357422	-.003667	.1955425	-.010800	-.003892
#3	.0772697	.0162656	-.003469	.2460587	-.011844	-.004016

Sample Name: ICSA01 Acquired: 11/22/2019 12:19:44 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014322	-.003513	-.056421	F .1478990	-.006353	.0016129
Stddev	.002234	.000385	.017705	.0016543	.007794	.0002125
%RSD	15.59645	10.96473	31.38004	1.118509	122.6751	13.17780

#1	-.012001	-.003956	-.075457	.1459891	-.014251	.0018329
#2	-.014509	-.003319	-.040447	.1488224	.001331	.0015971
#3	-.016456	-.003263	-.053359	.1488853	-.006139	.0014087

Elem	Sr4077
Units	ppm
Avg	F -.014439
Stddev	.000868
%RSD	6.008404

#1	-.013650
#2	-.014300
#3	-.015368

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	947.8960	8900.105	3491.113	860.9389	1175.965
Stddev	3.4358	19.390	29.353	3.8028	1.855
%RSD	.3624672	.2178600	.8407915	.4417003	.1577205

#1	943.9412	8922.292	3459.099	858.6642	1174.030
#2	949.6001	8891.610	3516.760	858.8235	1177.727
#3	950.1466	8886.412	3497.481	865.3290	1176.138

Sample Name: ICSAB01 Acquired: 11/22/2019 12:23:45 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1174308	.0872940	.0522149	.0485634	.6103725	256.1815
Stddev	.0031349	.0030628	.0017544	.0079415	.0078578	3.5927
%RSD	2.669564	3.508576	3.360019	16.35287	1.287370	1.402412

#1	.1197438	.0906115	.0519969	.0576819	.6169611	252.0791
#2	.1186857	.0866967	.0505796	.0431632	.6124808	257.6985
#3	.1138629	.0845740	.0540681	.0448452	.6016757	258.7669

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5180155	.4940115	.9896282	237.4706	.5647110	.4975033
Stddev	.0035952	.0015998	.0004899	2.4248	.0029290	.0008093
%RSD	.6940411	.3238282	.0495051	1.021078	.5186765	.1626780

#1	.5138976	.4958302	.9890914	234.6822	.5616726	.4978784
#2	.5205304	.4928221	.9897422	238.6450	.5675168	.4980571
#3	.5196185	.4933823	.9900511	239.0845	.5649437	.4965745

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4830556	100.8058	.5004895	254.7586	.9794953	.2143338
Stddev	.0013841	1.5437	.0021341	3.5863	.0024152	.0009012
%RSD	.2865364	1.531352	.4263994	1.407737	.2465739	.4204694

#1	.4841336	99.0234	.4982640	250.7001	.9822689	.2137222
#2	.4814947	101.7148	.5025186	256.0752	.9783605	.2139104
#3	.4835385	101.6792	.5006858	257.5006	.9778565	.2153687

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0423073	.5229567	1.036619	.1872869	.9252562	.9936937
Stddev	.0005766	.0107855	.004417	.1511166	.0065811	.0006812
%RSD	1.362843	2.062412	.4261193	80.68720	.7112772	.0685481

#1	.0418888	.5106015	1.033214	.0264290	.9176851	.9930001
#2	.0429650	.5277781	1.041610	.2091518	.9284758	.9943616
#3	.0420681	.5304905	1.035032	.3262800	.9296077	.9937193

Sample Name: ICSAB01 Acquired: 11/22/2019 12:23:45 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9796232	.9772792	.9609396	F .1426204	F -.014980	F .0003981
Stddev	.0018133	.0096274	.0170015	.0052606	.007089	.0014986
%RSD	.1851042	.9851263	1.769261	3.688528	47.32383	376.4937

#1	.9777000	.9662772	.9440291	.1418548	-.016095	-.001296
#2	.9813019	.9841602	.9780307	.1482219	-.007400	.000941
#3	.9798675	.9814002	.9607589	.1377846	-.021446	.001550

Elem	Sr4077
Units	ppm
Avg	F -.013529
Stddev	.000576
%RSD	4.256507

#1	-.012903
#2	-.013648
#3	-.014037

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	958.8971	9052.405	3540.886	877.0166	1190.853
Stddev	1.5609	29.310	12.502	4.7586	.801
%RSD	.1627796	.3237778	.3530825	.5425933	.0672415

#1	957.0952	9076.331	3530.421	874.6263	1189.976
#2	959.8347	9019.712	3537.508	873.9269	1191.038
#3	959.7614	9061.172	3554.731	882.4965	1191.545

Sample Name: CCV01 Acquired: 11/22/2019 12:27:36 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	4.928427	4.905448	4.934372	4.951571	4.919642	9.667706	9.822842
Stddev	.002149	.012263	.013971	.010093	.022423	.131856	.153556
%RSD	.0436082	.2499908	.2831393	.2038267	.4557946	1.363885	1.563256

#1	4.930325	4.892430	4.926709	4.950523	4.909009	9.537442	9.659487
#2	4.926093	4.907131	4.950498	4.962146	4.904513	9.664576	9.844803
#3	4.928862	4.916783	4.925910	4.942043	4.945404	9.801099	9.964235

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2448188	2.439490	24.10517	.9922733	2.460470	1.237071	4.923572
Stddev	.0014975	.005614	.40076	.0042650	.006907	.004121	.083982
%RSD	.6116823	.2301132	1.662529	.4298238	.2807023	.3331243	1.705720

#1	.2438039	2.433776	23.68653	.9876831	2.454058	1.234548	4.828981
#2	.2441138	2.439697	24.14374	.9961137	2.467783	1.241826	4.952363
#3	.2465387	2.444997	24.48525	.9930231	2.459568	1.234838	4.989372

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.441631	24.41958	2.439502	1.235696	24.21502	2.435941	2.479926
Stddev	.049957	.34125	.002779	.001736	.43411	.043314	.016587
%RSD	2.046067	1.397437	.1139299	.1404766	1.792749	1.778141	.6688367

#1	2.388694	24.04695	2.438799	1.233841	23.71406	2.391331	2.486992
#2	2.448248	24.49494	2.437142	1.237281	24.45040	2.438661	2.491810
#3	2.487950	24.71685	2.442566	1.235965	24.48062	2.477832	2.460977

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.55475	4.890842	4.978571	4.850492	4.825824	4.915248	4.825918
Stddev	.41568	.040690	.010227	.006102	.087540	.130485	.019308
%RSD	1.692865	.8319712	.2054235	.1257994	1.813993	2.654692	.4000909

#1	24.07571	4.895544	4.966771	4.852769	4.738937	4.765981	4.845175
#2	24.82035	4.848005	4.984886	4.843579	4.824531	4.972111	4.826018
#3	24.76819	4.928977	4.984055	4.855128	4.914003	5.007651	4.806560

Sample Name: CCV01 Acquired: 11/22/2019 12:27:36 Type: Unk
 Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.806089	4.840974	4.902383
Stddev	.009714	.079700	.076175
%RSD	.2021113	1.646367	1.553834

#1	4.800065	4.756756	4.820116
#2	4.800908	4.850949	4.916558
#3	4.817295	4.915217	4.970474

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1011.991	9759.711	3583.370	938.4738	1305.472
Stddev	1.168	48.470	7.520	8.5963	.472
%RSD	.1154082	.4966360	.2098530	.9159886	.0361631

#1	1011.003	9770.254	3576.745	932.4601	1305.223
#2	1011.691	9706.836	3591.544	934.6415	1306.017
#3	1013.280	9802.041	3581.822	948.3197	1305.177

Sample Name: LLCCV01 Acquired: 11/22/2019 12:32:02 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219058	.0390231	.0111563	.0198371	.0481917	.1012664
Stddev	.0024580	.0029504	.0031128	.0012152	.0051384	.0038808
%RSD	11.22068	7.560584	27.90150	6.126034	10.66243	3.832253

#1	.0191460	.0394690	.0144453	.0186651	.0447044	.1056913
#2	.0238596	.0358752	.0107672	.0197547	.0457781	.0984409
#3	.0227116	.0417251	.0082563	.0210914	.0540925	.0996670

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0958898	.0060933	.0049846	1.919152	.0101532	.0279485
Stddev	.0003905	.0000710	.0000479	.034125	.0004068	.0001187
%RSD	.4072058	1.165763	.9606123	1.778150	4.006544	.4246772

#1	.0954603	.0061067	.0049592	1.884108	.0097150	.0280742
#2	.0962234	.0061566	.0050399	1.921072	.0102257	.0279327
#3	.0959858	.0060165	.0049549	1.952278	.0105189	.0278384

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211714	.0931534	.0195574	1.922806	.0386089	.0105418
Stddev	.0002884	.0035152	.0003259	.027947	.0005680	.0005915
%RSD	1.362064	3.773527	1.666487	1.453463	1.471303	5.611404

#1	.0214922	.0944834	.0191825	1.890776	.0379720	.0110321
#2	.0209336	.0891673	.0197731	1.942227	.0390633	.0107086
#3	.0210884	.0958096	.0197168	1.935415	.0387914	.0098848

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.849233	.0353735	.0379489	F 1.785392	.0956968	.1942992
Stddev	.032045	.0013560	.0004688	.064397	.0018912	.0009132
%RSD	1.732890	3.833370	1.235292	3.606890	1.976248	.4699914

#1	1.822875	.0362823	.0383769	1.711309	.0957376	.1935285
#2	1.839922	.0338149	.0374479	1.816890	.0937856	.1940614
#3	1.884903	.0360233	.0380219	1.827978	.0975673	.1953078

Sample Name: LLCCV01 Acquired: 11/22/2019 12:32:02 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0352376	F .0319655	F .3020903	.0183471	F .0087366	F .0147156
Stddev	.0021376	.0016926	.0038975	.0018007	.0075294	.0003053
%RSD	6.066173	5.295093	1.290192	9.814532	86.18207	2.074471

#1	.0354036	.0300949	.3058953	.0177067	.0083283	.0143976
#2	.0372874	.0333912	.2981064	.0169542	.0164618	.0150063
#3	.0330219	.0324105	.3022690	.0203805	.0014196	.0147430

Elem	Sr4077
Units	ppm
Avg	.0187055
Stddev	.0004167
%RSD	2.227569

#1	.0182353
#2	.0190288
#3	.0188525

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1042.104	9966.267	3605.172	963.3868	1432.249
Stddev	2.589	19.027	14.172	3.5275	.627
%RSD	.2484474	.1909149	.3931142	.3661545	.0437811

#1	1044.761	9952.313	3590.782	959.4162	1431.626
#2	1041.962	9987.941	3605.619	966.1588	1432.880
#3	1039.589	9958.548	3619.116	964.5854	1432.241

Sample Name: CCB01 Acquired: 11/22/2019 12:36:06 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	.0018182	-.001659	-.003216	.0005646	-.002526	-.010905	-.001749
Stddev	.0032310	.000737	.002525	.0036552	.001842	.010090	.000203
%RSD	177.7004	44.46286	78.50571	647.3518	72.91276	92.52620	11.60171

#1	.0055322	-.000807	-.002675	-.003601	-.003541	.000310	-.001621
#2	-.000345	-.002102	-.005968	.002059	-.000400	-.013777	-.001643
#3	.000267	-.002067	-.001006	.003236	-.003636	-.019247	-.001983

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000090	-.000641	-.002023	.0001185	-.000786	.0002852	.0115795
Stddev	.000148	.000147	.011917	.0007706	.000143	.0003658	.0063746
%RSD	163.9173	22.96842	589.0955	650.3893	18.22591	128.2645	55.05047

#1	.000044	-.000640	-.011309	-.000755	-.000627	.0001932	.0046337
#2	-.000248	-.000788	-.006174	.000704	-.000826	-.000026	.0129423
#3	-.000067	-.000494	.011414	.000406	-.000905	.000688	.0171625

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000841	-.040162	-.000722	.0009559	-.018321	-.003790	-.003391
Stddev	.000565	.031879	.001087	.0009016	.005371	.002351	.000407
%RSD	67.26378	79.37615	150.5349	94.31450	29.31407	62.03986	11.99172

#1	-.000285	-.013510	-.000551	.0000213	-.024064	-.004337	-.003839
#2	-.001415	-.075478	.000269	.0010263	-.017477	-.005819	-.003044
#3	-.000822	-.031498	-.001884	.0018203	-.013422	-.001213	-.003290

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.039705	-.000814	-.000658	.0001986	-.003245	-.047504	.0033934
Stddev	.033888	.000573	.000540	.0002836	.001383	.005081	.0018980
%RSD	85.34927	70.36753	82.10432	142.7694	42.60293	10.69546	55.93221

#1	-.048018	-.001415	-.000998	-.000117	-.003109	-.047311	.0018871
#2	-.002434	-.000274	-.000035	.000280	-.004691	-.052679	.0055252
#3	-.068663	-.000753	-.000941	.000433	-.001936	-.042523	.0027679

Sample Name: CCB01 Acquired: 11/22/2019 12:36:06 Type: Unk
 Method: NON EPA-6010-200.7(v118) 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	-.007108	-.007133	-.001297
Stddev	.005262	.001247	.000074
%RSD	74.02170	17.48755	5.674799

#1	-.012535	-.007855	-.001347
#2	-.002029	-.005692	-.001332
#3	-.006761	-.007850	-.001213

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1033.813	9928.461	3566.947	957.4443	1429.291
Stddev	3.660	37.412	37.578	1.6171	3.069
%RSD	.3540228	.3768181	1.053503	.1688930	.2147379

#1	1036.836	9895.276	3535.043	956.3175	1428.919
#2	1034.860	9921.100	3557.429	956.7183	1432.530
#3	1029.744	9969.006	3608.368	959.2971	1426.425

Sample Name: PB125028BL Acquired: 11/22/2019 12:40:11 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	-.001375	.0019260	-.001419	.0022701	.0003032	-.009243	-.001816
Stddev	.006090	.0022005	.001847	.0057295	.0027923	.022145	.000470
%RSD	443.0757	114.2524	130.1892	252.3905	920.8784	239.5975	25.86192

#1	.001733	.0035801	-.001693	.0074904	-.002767	-.004816	-.001299
#2	.002535	.0027695	-.003114	-.003860	.002691	.010355	-.001933
#3	-.008392	-.000571	.000550	.003180	.000986	-.033267	-.002216

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	-.000759	.0064997	-.000047	-.000204	.0001332	-.002009
Stddev	.000093	.000090	.0013381	.000405	.000070	.0003311	.006999
%RSD	447.0987	11.90024	20.58673	869.2571	34.23385	248.6309	348.3303

#1	.000020	-.000769	.0079352	-.000469	-.000283	-.000039	.005100
#2	-.000127	-.000664	.0052871	-.000008	-.000150	.000515	-.002234
#3	.000045	-.000844	.0062766	.000337	-.000180	-.000076	-.008893

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000528	-.035960	.0004614	.0017799	-.018953	-.002520	-.003321
Stddev	.000957	.009459	.0001277	.0004404	.002075	.002516	.000436
%RSD	181.1932	26.30402	27.67191	24.74543	10.94658	99.87242	13.14386

#1	-.001131	-.044549	.0005480	.0021537	-.019842	-.002110	-.003566
#2	.000576	-.025822	.0003147	.0012943	-.016582	-.005216	-.002817
#3	-.001030	-.037510	.0005214	.0018916	-.020435	-.000233	-.003580

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.029565	-.003148	-.000617	-.000905	-.003039	-.061146	-.000036
Stddev	.046078	.004317	.000501	.001586	.001440	.010037	.002062
%RSD	155.8538	137.1492	81.20472	175.2871	47.38476	16.41392	5803.996

#1	-.023336	-.008054	-.000719	-.002513	-.003140	-.054255	-.002367
#2	-.078441	-.001461	-.001058	-.000859	-.001551	-.056523	.001549
#3	.013082	.000072	-.000073	.000658	-.004425	-.072661	.000712

Sample Name: PB125028BL Acquired: 11/22/2019 12:40:11 Type: Unk
 Method: NON EPA-6010-200.7(v118) 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	-.007771	-.005210	-.001374
Stddev	.000916	.001135	.000034
%RSD	11.78687	21.79181	2.450168

#1	-.008579	-.005666	-.001405
#2	-.006776	-.003918	-.001379
#3	-.007957	-.006047	-.001338

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1024.036	9885.688	3524.758	953.5085	1416.631
Stddev	3.851	50.038	20.243	7.3813	1.474
%RSD	.3760950	.5061686	.5742963	.7741166	.1040616

#1	1025.475	9833.584	3504.059	944.9970	1417.512
#2	1026.961	9890.114	3525.705	958.1506	1417.453
#3	1019.673	9933.367	3544.511	957.3779	1414.929

Sample Name: PB125028BS Acquired: 11/22/2019 12:44:17 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7534203	1.934147	.9433787	1.795053	.7483234	1.925835
Stddev	.0083051	.004590	.0012452	.001736	.0048268	.022176
%RSD	1.102325	.2373364	.1319954	.0967117	.6450107	1.151485

#1	.7507583	1.935336	.9424913	1.794476	.7461968	1.904409
#2	.7627301	1.929079	.9448022	1.793679	.7538483	1.948691
#3	.7467726	1.938027	.9428426	1.797004	.7449252	1.924405

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2005573	.1965160	.1861495	.9710139	.4013972	.1886371
Stddev	.0036628	.0005839	.0006869	.0049742	.0031682	.0003300
%RSD	1.826294	.2971387	.3690113	.5122640	.7892990	.1749305

#1	.1963963	.1971606	.1869412	.9683377	.3991656	.1886474
#2	.2019820	.1963651	.1857117	.9679508	.4000025	.1889618
#3	.2032937	.1960224	.1857957	.9767532	.4050235	.1883021

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3038386	2.939267	.1975922	1.900196	.4725754	.0749405
Stddev	.0007373	.064849	.0045321	.078290	.0015942	.0012264
%RSD	.2426628	2.206298	2.293642	4.120083	.3373487	1.636519

#1	.3046611	2.864506	.1923604	1.811094	.4743854	.0761900
#2	.3036180	2.980316	.2001038	1.931518	.4713799	.0737386
#3	.3032368	2.972979	.2003124	1.957974	.4719608	.0748928

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.836379	.2897266	.1955684	9.445178	.2804074	.3812516
Stddev	.061700	.0056005	.0007673	.149926	.0035732	.0010342
%RSD	2.175309	1.933034	.3923346	1.587326	1.274291	.2712628

#1	2.770164	.2849359	.1962758	9.279060	.2835719	.3821295
#2	2.846716	.2883598	.1956768	9.486029	.2811182	.3801116
#3	2.892258	.2958840	.1947527	9.570444	.2765323	.3815138

Sample Name: PB125028BS Acquired: 11/22/2019 12:44:17 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6238751	.1817526	.8284123	5.204479	F -.017216	.1945243
Stddev	.0020068	.0022303	.0142278	.018353	.004679	.0030436
%RSD	.3216660	1.227123	1.717482	.3526360	27.18059	1.564640

#1	.6216087	.1792986	.8272862	5.197373	-.019139	.1912186
#2	.6254263	.1823030	.8147810	5.190741	-.020627	.1951439
#3	.6245904	.1836562	.8431697	5.225322	-.011881	.1972105

Elem	Sr4077
Units	ppm
Avg	F .1972431
Stddev	.0030585
%RSD	1.550632

#1	.1937118
#2	.1989662
#3	.1990514

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1037.304	9976.543	3595.848	960.0612	1421.467
Stddev	4.113	26.727	22.656	4.1180	4.530
%RSD	.3965330	.2678943	.6300481	.4289355	.3187172

#1	1032.747	9951.914	3574.845	962.7447	1416.511
#2	1040.742	9972.753	3592.841	955.3198	1425.396
#3	1038.422	10004.96	3619.856	962.1190	1422.493

Sample Name: K5896-02 Acquired: 11/22/2019 12:48:18 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	.0029599	-.001273	.0016238	.0236098	.0057659	1.061415	.0377369
Stddev	.0072513	.002212	.0032278	.0021783	.0028870	.043925	.0006432
%RSD	244.9887	173.8139	198.7846	9.226076	50.07064	4.138354	1.704362

#1	-.004659	.001238	.0053260	.0212629	.0061215	1.109508	.0371065
#2	.009777	-.002122	-.000600	.0255668	.0084585	1.023415	.0383921
#3	.003761	-.002934	.000146	.0239995	.0027175	1.051320	.0377119

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001809	-.000093	23.28134	.0045895	.0130217	.0588712	.1697145
Stddev	.0001603	.000114	.07285	.0005091	.0007805	.0008219	.0008107
%RSD	88.62265	122.3337	.3129150	11.09312	5.993809	1.396109	.4776614

#1	.0002437	-.000060	23.19722	.0051071	.0129261	.0588797	.1706441
#2	.0003002	.000000	23.32311	.0040893	.0138456	.0580451	.1693452
#3	-.000001	-.000220	23.32369	.0045721	.0122934	.0596889	.1691544

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070524	4.134836	.0028173	-.000204	82.21807	.0007306	.2060554
Stddev	.0003273	.040550	.0007965	.000454	.95788	.0007546	.0006713
%RSD	4.640664	.9806929	28.27041	222.9202	1.165042	103.2895	.3257891

#1	.0073938	4.130892	.0023533	-.000134	81.13974	.0000427	.2053615
#2	.0067413	4.096402	.0023616	.000212	82.97037	.0006113	.2061033
#3	.0070222	4.177214	.0037370	-.000689	82.54411	.0015378	.2067015

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	77.29948	.0699272	-.000065	-.036748	.0423870	4.513701	2.071617
Stddev	.81106	.0040451	.000293	.000784	.0015707	.032795	.021082
%RSD	1.049245	5.784682	454.2416	2.133880	3.705502	.7265674	1.017660

#1	76.41455	.0745875	-.000044	-.036427	.0439766	4.505219	2.047279
#2	78.00745	.0673262	-.000368	-.037642	.0423482	4.549903	2.084257
#3	77.47644	.0678678	.000218	-.036175	.0408361	4.485979	2.083314

Sample Name: K5896-02 Acquired: 11/22/2019 12:48:18 Type: Unk
 Method: NON EPA-6010-200.7(v118) 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	13.12580	-.005250	.0729675
Stddev	.13529	.000793	.0001906
%RSD	1.030683	15.09960	.2611483

#1	12.97155	-.004903	.0728144
#2	13.18158	-.004690	.0729072
#3	13.22428	-.006157	.0731809

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1036.228	9872.793	3662.597	975.5030	1345.169
Stddev	5.231	43.380	18.509	4.7263	10.449
%RSD	.5048174	.4393915	.5053464	.4844940	.7767435

#1	1042.012	9919.203	3653.988	980.7712	1357.081
#2	1034.846	9833.265	3683.842	974.1027	1340.872
#3	1031.827	9865.912	3649.960	971.6351	1337.554

Sample Name: K5936-01 Acquired: 11/22/2019 12:52:20 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035030	-.003382	.0106120	.1093574	.0457152	-.199202
Stddev	.0048233	.001634	.0014097	.0043693	.0042485	.019872
%RSD	137.6913	48.31270	13.28411	3.995429	9.293481	9.975881

#1	.0088585	-.001530	.0092464	.1091498	.0485754	-.178074
#2	.0021492	-.004620	.0120621	.1050957	.0408334	-.202013
#3	-.000499	-.003995	.0105276	.1138269	.0477368	-.217519

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2315210	.0001952	.0018939	370.8346	-.000721	.0027919
Stddev	.0036699	.0002018	.0001522	7.9062	.000913	.0002216
%RSD	1.585128	103.3747	8.037999	2.132015	126.7457	7.939057

#1	.2272857	.0003086	.0019719	361.7643	-.000871	.0025370
#2	.2335173	-.000038	.0017185	374.4717	.000259	.0029390
#3	.2337601	.000315	.0019913	376.2677	-.001549	.0028998

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054263	-.105291	.4652934	50.79914	.0258627	-.007166
Stddev	.0002740	.007452	.0094157	1.09803	.0013581	.000419
%RSD	5.050172	7.077273	2.023609	2.161512	5.251029	5.851079

#1	.0056171	-.096695	.4544912	49.55596	.0243234	-.007650
#2	.0055495	-.109918	.4717619	51.20496	.0263729	-.006939
#3	.0051123	-.109260	.4696271	51.63650	.0268917	-.006909

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	77.98474	.0065455	.0187441	35.67172	.9134625	.0979970
Stddev	1.12337	.0024195	.0006790	.35668	.0074958	.0003854
%RSD	1.440496	36.96357	3.622445	.9999021	.8205951	.3932620

#1	76.75643	.0077849	.0193597	35.29375	.9051086	.0976565
#2	78.23782	.0080941	.0180158	35.71902	.9196006	.0979191
#3	78.95999	.0037575	.0188568	36.00239	.9156784	.0984154

Sample Name: K5936-01 Acquired: 11/22/2019 12:52:20 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.091787	-.011494	9.522486	.0124132	F 133.4775	.0263476
Stddev	.000720	.001132	.122400	.0007206	.0743	.0016945
%RSD	.7847872	9.844019	1.285377	5.804693	.0556913	6.431195

#1	-.091951	-.010498	9.387106	.0132348	133.4185	.0260831
#2	-.090999	-.012724	9.555017	.0118891	133.5610	.0248010
#3	-.092412	-.011261	9.625333	.0121156	133.4529	.0281588

Elem	Sr4077
Units	ppm
Avg	1.664250
Stddev	.032152
%RSD	1.931937

#1	1.627268
#2	1.679910
#3	1.685572

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	985.9936	9305.524	3647.858	904.2338	1243.472
Stddev	3.0416	27.702	25.341	6.1961	3.702
%RSD	.3084830	.2976982	.6946888	.6852361	.2977269

#1	985.5305	9274.568	3669.266	899.3915	1242.182
#2	989.2403	9314.023	3619.878	902.0937	1247.647
#3	983.2101	9327.981	3654.430	911.2164	1240.588

Sample Name: K5964-01 Acquired: 11/22/2019 12:56:18 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	-.001929	-.005882	.0373313	.0289277	.0042297	.8945899	.0583600
Stddev	.007009	.002643	.0016836	.0029078	.0062178	.0129374	.0007519
%RSD	363.3312	44.94075	4.509951	10.05195	147.0030	1.446182	1.288429

#1	-.005193	-.008058	.0369415	.0268498	.0100428	.9088598	.0576385
#2	.006117	-.006648	.0358767	.0322508	-.002326	.8912828	.0583026
#3	-.006712	-.002940	.0391756	.0276827	.004972	.8836270	.0591391

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000240	-.001172	55.77394	.0053909	.0028253	.0240708	13.63067
Stddev	.000048	.000287	.94524	.0015412	.0002804	.0012848	.08950
%RSD	20.14839	24.51825	1.694762	28.58783	9.926032	5.337452	.6565769

#1	-.000189	-.001202	54.89577	.0053140	.0025195	.0229530	13.54164
#2	-.000286	-.000871	55.65170	.0038897	.0028859	.0237850	13.72063
#3	-.000246	-.001443	56.77435	.0069691	.0030704	.0254744	13.62973

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3225971	6.166108	.0181905	-.000062	66.43119	.0010221	.4638416
Stddev	.0059145	.081689	.0005905	.000667	.81757	.0004442	.0016103
%RSD	1.833394	1.324808	3.246174	1075.361	1.230706	43.46528	.3471741

#1	.3174207	6.076285	.0175564	.000593	65.51830	.0012917	.4641455
#2	.3213270	6.186080	.0182904	-.000741	67.09595	.0012652	.4621010
#3	.3290434	6.235959	.0187246	-.000038	66.67931	.0005093	.4652783

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.968828	.0417153	-.002917	-.034401	.0306358	8.036268	1.011286
Stddev	.190540	.0029611	.000227	.000733	.0014460	.140631	.008062
%RSD	3.834707	7.098364	7.788622	2.129931	4.719814	1.749956	.7971630

#1	4.887277	.0383679	-.002825	-.035183	.0290430	7.919836	1.003777
#2	5.186571	.0439924	-.002750	-.034289	.0318657	8.192514	1.010276
#3	4.832636	.0427857	-.003176	-.033730	.0309987	7.996455	1.019805

Sample Name: K5964-01 Acquired: 11/22/2019 12:56:18 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	2.691496	.0109068	.2166828
Stddev	.006282	.0013272	.0042307
%RSD	.2333982	12.16810	1.952472

#1	2.686615	.0118195	.2131312
#2	2.689289	.0115165	.2155538
#3	2.698583	.0093843	.2213635

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1047.758	9975.421	3795.461	971.2798	1368.582
Stddev	5.388	20.484	53.468	2.7725	5.425
%RSD	.5142017	.2053457	1.408734	.2854444	.3963908

#1	1053.979	9976.586	3802.939	970.2215	1374.159
#2	1044.621	9995.298	3844.795	969.1924	1368.264
#3	1044.674	9954.380	3738.647	974.4256	1363.323

Sample Name: K5964-02 Acquired: 11/22/2019 13:00:17 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	-.001403	-.004234	.0303463	.0264282	.0042219	.8811653	.0558298
Stddev	.001746	.002356	.0022169	.0066551	.0016547	.0168744	.0007060
%RSD	124.4779	55.65440	7.305322	25.18168	39.19198	1.915006	1.264504

#1	.000501	-.003295	.0282465	.0323063	.0035116	.8619916	.0551278
#2	-.001780	-.006915	.0301281	.0192024	.0030410	.8877483	.0558219
#3	-.002929	-.002492	.0326642	.0277758	.0061131	.8937559	.0565396

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000028	-.000968	51.02520	.0036945	.0024168	.0228761	11.67346
Stddev	.000089	.000051	.79668	.0003890	.0005437	.0002560	.06095
%RSD	323.3312	5.256875	1.561356	10.52955	22.49735	1.119074	.5221593

#1	-.000012	-.001015	50.30960	.0036813	.0029946	.0226041	11.60333
#2	.000053	-.000914	50.88235	.0033122	.0019152	.0229117	11.71364
#3	-.000124	-.000974	51.88364	.0040899	.0023406	.0231124	11.70343

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2785772	5.962554	.0084147	.0001741	57.66243	.0015700	.4164369
Stddev	.0051406	.056769	.0002722	.0004371	.35955	.0030345	.0040960
%RSD	1.845313	.9520839	3.235371	251.1154	.6235474	193.2719	.9835908

#1	.2740306	5.926150	.0085630	.0006535	57.26691	.0040735	.4209939
#2	.2775456	5.933547	.0085806	.0000709	57.96952	-.001805	.4130617
#3	.2841553	6.027965	.0081005	-.000202	57.75085	.002441	.4152550

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.398150	.0405075	-.002646	-.032975	.0309099	7.763529	.9218355
Stddev	.124395	.0015786	.000220	.000209	.0007124	.034408	.0039101
%RSD	2.828352	3.897010	8.305106	.6324186	2.304721	.4432046	.4241618

#1	4.425352	.0399927	-.002764	-.033054	.0301344	7.798162	.9242325
#2	4.506693	.0392506	-.002782	-.033132	.0310600	7.729350	.9239506
#3	4.262405	.0422792	-.002393	-.032739	.0315352	7.763075	.9173235

Sample Name: K5964-02 Acquired: 11/22/2019 13:00:17 Type: Unk
 Method: NON EPA-6010-200.7(v118) 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	2.970821	.0098642	.2147889
Stddev	.009068	.0004829	.0026241
%RSD	.3052260	4.895815	1.221697

#1	2.963099	.0093366	.2123236
#2	2.968559	.0102843	.2144959
#3	2.980806	.0099719	.2175471

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1053.837	9912.690	3716.523	967.1330	1381.760
Stddev	6.312	88.909	19.276	7.7830	8.287
%RSD	.5989609	.8969242	.5186672	.8047482	.5997106

#1	1051.483	9813.098	3722.652	959.7661	1374.912
#2	1049.040	9940.900	3731.990	966.3586	1379.397
#3	1060.988	9984.072	3694.927	975.2742	1390.971

Sample Name: K5964-03 Acquired: 11/22/2019 13:04:16 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	-.005677	-.006458	.0603309	.0208054	-.002092	1.532398	.0837049
Stddev	.001985	.000594	.0021165	.0014832	.003132	.019570	.0007902
%RSD	34.95700	9.200457	3.508221	7.128746	149.6950	1.277110	.9440727

#1	-.007966	-.007083	.0627470	.0202663	-.000084	1.539736	.0832088
#2	-.004633	-.005901	.0594415	.0196673	-.005700	1.510219	.0832897
#3	-.004433	-.006390	.0588041	.0224828	-.000491	1.547238	.0846162

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000157	-.001548	81.48365	.0057530	.0039956	.0405130	21.44922
Stddev	.000144	.000340	.54321	.0012496	.0009592	.0008019	.17781
%RSD	91.72777	21.98192	.6666531	21.72134	24.00547	1.979276	.8289593

#1	-.000209	-.001941	81.04250	.0056596	.0043030	.0396481	21.30118
#2	-.000267	-.001338	81.31807	.0070466	.0029205	.0412318	21.40005
#3	.000006	-.001366	82.09039	.0045526	.0047635	.0406590	21.64644

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5096608	8.397457	.0122841	-.000880	99.80328	.0019485	.6849196
Stddev	.0068243	.028349	.0004359	.000694	.52786	.0026479	.0049622
%RSD	1.338992	.3375848	3.548089	78.93535	.5288992	135.8948	.7244881

#1	.5056715	8.420171	.0122718	-.001276	99.29691	-.001074	.6805782
#2	.5057703	8.365687	.0127260	-.001285	99.76263	.003057	.6838519
#3	.5175407	8.406514	.0118545	-.000078	100.3503	.003862	.6903287

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.348653	.0411808	-.002216	-.034847	.0622295	9.841467	1.527688
Stddev	.069012	.0001956	.000916	.002716	.0029494	.029654	.005417
%RSD	.9391048	.4750839	41.32056	7.793617	4.739545	.3013180	.3545772

#1	7.272974	.0413936	-.001241	-.031769	.0646354	9.836082	1.521729
#2	7.364880	.0411401	-.003057	-.036907	.0589390	9.814874	1.529022
#3	7.408105	.0410087	-.002350	-.035865	.0631139	9.873444	1.532313

Sample Name: K5964-03 Acquired: 11/22/2019 13:04:16 Type: Unk
 Method: NON EPA-6010-200.7(v118) 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	2.170888	.0185508	.2633934
Stddev	.013549	.0012264	.0012285
%RSD	.6241343	6.610775	.4663945

#1	2.181497	.0188090	.2620881
#2	2.155625	.0172159	.2635653
#3	2.175542	.0196275	.2645269

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1039.771	9848.654	3655.043	967.1155	1338.465
Stddev	4.174	23.375	12.791	9.0342	10.634
%RSD	.4014773	.2373416	.3499592	.9341369	.7945063

#1	1037.336	9844.015	3654.186	966.3893	1332.667
#2	1044.591	9874.000	3668.241	976.4908	1350.738
#3	1037.386	9827.946	3642.702	958.4663	1331.991

Sample Name: K5896-02DUP Acquired: 11/22/2019 13:12:14 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	.0008575	-.004217	.0020001	.0274584	.0068329	1.050586	.0386555
Stddev	.0019626	.002305	.0037430	.0045464	.0022043	.036814	.0018834
%RSD	228.8940	54.65882	187.1426	16.55745	32.25993	3.504095	4.872214

#1	.0010947	-.006615	.0020941	.0232078	.0087674	1.055171	.0366775
#2	.0026907	-.004015	-.001789	.0322518	.0044331	1.084892	.0404272
#3	-.001213	-.002019	.005695	.0269156	.0072983	1.011695	.0388617

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001660	-.000030	23.43574	.0039049	.0136533	.0620566	.1895302
Stddev	.0001407	.000225	.62224	.0002520	.0019391	.0004598	.0050664
%RSD	84.79230	754.5203	2.655094	6.454030	14.20225	.7409976	2.673134

#1	.0000422	-.000289	22.72083	.0036139	.0158917	.0616793	.1877225
#2	.0003191	.000112	23.85533	.0040479	.0124871	.0619216	.1856155
#3	.0001366	.000087	23.73105	.0040529	.0125811	.0625688	.1952524

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070554	4.232692	.0031302	.0008751	83.55044	.0029824	.2138376
Stddev	.0003795	.096117	.0002244	.0006008	1.44468	.0021595	.0034733
%RSD	5.378286	2.270834	7.168979	68.65601	1.729114	72.40693	1.624248

#1	.0067100	4.122806	.0029943	.0008035	81.96915	.0024766	.2102745
#2	.0074616	4.274135	.0033892	.0015086	83.88092	.0011207	.2140249
#3	.0069947	4.301136	.0030071	.0003134	84.80124	.0053499	.2172134

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	78.69053	.0709784	-.000119	-.036655	.0412228	4.627332	2.136371
Stddev	1.42003	.0029115	.000393	.002253	.0029342	.030240	.015426
%RSD	1.804570	4.101912	330.7461	6.146476	7.118005	.6535083	.7220479

#1	77.11418	.0690755	-.000083	-.039190	.0416994	4.615626	2.118714
#2	79.08776	.0695298	.000255	-.035894	.0438897	4.661675	2.143173
#3	79.86964	.0743301	-.000528	-.034882	.0380795	4.604694	2.147227

Sample Name: K5896-02DUP Acquired: 11/22/2019 13:12:14 Type: Unk
 Method: NON EPA-6010-200.7(v118) 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	13.56731	-.002283	.0739034
Stddev	.06659	.001519	.0021130
%RSD	.4908062	66.53765	2.859172

#1	13.61572	-.003908	.0714719
#2	13.49137	-.000899	.0752945
#3	13.59483	-.002042	.0749438

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	999.0024	9421.420	3520.389	934.0164	1296.948
Stddev	2.7431	7.964	47.373	3.2943	4.702
%RSD	.2745800	.0845284	1.345686	.3526999	.3625715

#1	999.3868	9430.420	3562.585	936.7503	1297.602
#2	1001.533	9415.287	3469.143	934.9401	1301.289
#3	996.087	9418.552	3529.438	930.3589	1291.953

Sample Name: K5896-02LX5 Acquired: 11/22/2019 13:16:16 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	.0008693	-.000519	.0006294	.0089311	.0031410	.1956814	.0065173
Stddev	.0044205	.002829	.0001982	.0039583	.0032139	.0090719	.0003867
%RSD	508.5416	545.3318	31.48821	44.32049	102.3197	4.636071	5.933928

#1	.0053215	-.002605	.0007950	.0045828	.0054563	.2057618	.0060722
#2	-.003519	.002702	.0006834	.0123248	-.000528	.1881736	.0067703
#3	.000805	-.001654	.0004098	.0098857	.004495	.1931088	.0067096

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000134	-.000696	3.975222	.0003380	.0025917	.0120102	.0429347
Stddev	.000110	.000242	.127236	.0001934	.0004914	.0002898	.0065116
%RSD	81.95212	34.70295	3.200733	57.20600	18.95973	2.413262	15.16639

#1	-.000100	-.000680	3.850380	.0002766	.0021442	.0119525	.0430112
#2	-.000045	-.000463	3.970560	.0005547	.0025134	.0117536	.0363852
#3	-.000257	-.000945	4.104724	.0001829	.0031176	.0123246	.0494078

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003592	.6545851	-.000132	.0015094	13.86876	-.002516	.0358197
Stddev	.0000628	.0194913	.000914	.0001311	.32892	.002751	.0016259
%RSD	17.48847	2.977650	695.1189	8.684498	2.371632	109.3493	4.539182

#1	.0003491	.6454794	.000267	.0016502	13.50705	.000315	.0354013
#2	.0003020	.6769627	-.001177	.0014870	13.94931	-.005180	.0344439
#3	.0004264	.6413131	.000516	.0013909	14.14991	-.002684	.0376139

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.96933	.0096716	-.001008	-.007029	.0069648	.7515921	.3751326
Stddev	.23512	.0044229	.000303	.002714	.0009169	.0261541	.0036830
%RSD	1.812892	45.73076	30.11435	38.61662	13.16462	3.479831	.9817764

#1	12.71140	.0067795	-.000993	-.004292	.0074644	.7369066	.3710397
#2	13.02490	.0147630	-.000712	-.007075	.0059066	.7360812	.3781794
#3	13.17169	.0074722	-.001318	-.009719	.0075233	.7817885	.3761786

Sample Name: K5896-02LX5 Acquired: 11/22/2019 13:16:16 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	2.380947	-.002094	.0116041
Stddev	.041158	.000601	.0002564
%RSD	1.728645	28.69668	2.209160

#1	2.334138	-.002125	.0113172
#2	2.397238	-.001479	.0116847
#3	2.411467	-.002680	.0118105

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1007.347	9548.672	3551.253	924.1518	1365.029
Stddev	3.690	28.166	7.531	2.5724	4.308
%RSD	.3662826	.2949757	.2120644	.2783551	.3155870

#1	1004.712	9538.310	3556.884	921.6314	1361.317
#2	1011.564	9527.154	3542.699	924.0510	1369.753
#3	1005.766	9580.551	3554.177	926.7732	1364.017

Sample Name: CCV02 Acquired: 11/22/2019 13:20:19 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.041034	4.978865	5.038476	5.029657	4.976357	9.884960	9.792266
Stddev	.015667	.006291	.007060	.005514	.018247	.190146	.166384
%RSD	.3107828	.1263608	.1401233	.1096374	.3666726	1.923589	1.699138

#1	5.051750	4.980794	5.043906	5.035778	4.986797	9.707124	9.632754
#2	5.023054	4.983966	5.030494	5.025077	4.955288	9.862360	9.779283
#3	5.048298	4.971835	5.041027	5.028116	4.986987	10.08540	9.964761

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2415590	2.480531	24.31873	1.023337	2.512949	1.253108	5.073960
Stddev	.0023622	.005923	.52372	.002429	.005825	.002322	.092733
%RSD	.9779161	.2387766	2.153576	.2373678	.2318163	.1853092	1.827632

#1	.2405719	2.487234	23.82799	1.025272	2.516842	1.252748	4.967584
#2	.2398505	2.478356	24.25805	1.024128	2.506252	1.250987	5.116535
#3	.2442547	2.476003	24.87015	1.020611	2.515753	1.255590	5.137760

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.420948	24.72720	2.482713	1.286448	24.87529	2.451716	2.558424
Stddev	.046564	.50878	.003807	.004371	.42735	.039032	.021222
%RSD	1.923370	2.057565	.1533358	.3397535	1.717969	1.592028	.8294858

#1	2.372511	24.30780	2.485909	1.287487	24.38204	2.411345	2.567920
#2	2.424952	24.58063	2.483728	1.290206	25.10919	2.454550	2.534112
#3	2.465380	25.29318	2.478501	1.281652	25.13462	2.489254	2.573239

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.68197	4.778207	5.044401	4.949088	4.819259	5.101185	4.920424
Stddev	.45301	.068860	.008096	.002003	.094504	.121562	.020492
%RSD	1.763915	1.441134	.1604877	.0404789	1.960956	2.383015	.4164641

#1	25.16361	4.764911	5.053595	4.951049	4.719042	4.966151	4.941221
#2	26.00192	4.716964	5.041271	4.947045	4.831973	5.135513	4.900252
#3	25.88037	4.852746	5.038338	4.949169	4.906762	5.201893	4.919799

Sample Name: CCV02 Acquired: 11/22/2019 13:20:19 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.882537	4.857283	4.935798
Stddev	.018674	.102179	.084700
%RSD	.3824562	2.103616	1.716029

#1	4.897815	4.755126	4.851081
#2	4.888075	4.857242	4.935832
#3	4.861721	4.959483	5.020480

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	988.8189	9334.101	3527.868	898.9971	1273.184
Stddev	2.6796	44.458	21.548	6.0969	4.896
%RSD	.2709923	.4762913	.6107923	.6781856	.3845274

#1	985.7248	9296.682	3521.816	892.6186	1268.152
#2	990.3509	9322.373	3551.795	904.7667	1273.470
#3	990.3809	9383.246	3509.994	899.6061	1277.931

Sample Name: CCB02 Acquired: 11/22/2019 13:24:04 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	.0016086	.0008446	.0020803	.0009250	.0018957	.0136792	-.000586
Stddev	.0030845	.0016458	.0055668	.0023681	.0006721	.0244878	.000188
%RSD	191.7542	194.8517	267.5908	256.0022	35.45622	179.0147	32.00109

#1	.0043317	.0013011	-.002153	-.001462	.0025159	.0326384	-.000799
#2	.0022351	-.000981	.000008	.000963	.0011815	-.013968	-.000513
#3	-.001741	.002214	.008386	.003274	.0019895	.022367	-.000446

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000113	-.000436	.0019967	.0007058	-.000407	.0008765	.0081843
Stddev	.000082	.000052	.0041531	.0004794	.000516	.0000290	.0087730
%RSD	72.33907	11.98292	207.9985	67.92319	126.7151	3.308616	107.1924

#1	-.000208	-.000393	.0061280	.0005556	-.000299	.0008520	.0182879
#2	-.000069	-.000421	-.002178	.0003195	-.000969	.0009085	.0024972
#3	-.000063	-.000495	.002040	.0012423	.000046	.0008689	.0037679

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000397	-.027770	.0004609	.0007994	.0170028	-.004073	-.002631
Stddev	.000599	.024012	.0004760	.0002630	.0021342	.001739	.000565
%RSD	151.1026	86.46683	103.2935	32.90435	12.55176	42.69527	21.47310

#1	-.000277	-.053417	.0003383	.0010895	.0162094	-.006046	-.002934
#2	.000134	-.005824	.0009862	.0007321	.0153789	-.003413	-.002979
#3	-.001047	-.024069	.0000581	.0005765	.0194200	-.002761	-.001979

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0554816	.0030437	.0004702	.0020900	-.003294	-.050095	-.000677
Stddev	.0673320	.0017018	.0001618	.0003677	.001689	.009258	.003598
%RSD	121.3592	55.91206	34.39926	17.59205	51.26862	18.48009	531.0851

#1	.0185395	.0011232	.0006061	.0018672	-.001756	-.040390	.003038
#2	.0147068	.0036437	.0005132	.0018884	-.003024	-.051066	-.000926
#3	.1331984	.0043641	.0002913	.0025143	-.005101	-.058828	-.004144

Sample Name: CCB02 Acquired: 11/22/2019 13:24:04 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	.0062714	-.002507	-.001236
Stddev	.0046410	.000656	.000189
%RSD	74.00198	26.16026	15.31291

#1	.0015439	-.003156	-.001430
#2	.0064496	-.002520	-.001052
#3	.0108207	-.001844	-.001226

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1021.360	9730.332	3521.996	942.8478	1404.224
Stddev	3.821	25.828	47.650	1.0627	5.623
%RSD	.3741492	.2654362	1.352913	.1127151	.4004505

#1	1017.067	9716.564	3483.753	943.7975	1400.542
#2	1024.389	9760.127	3506.859	943.0459	1410.697
#3	1022.626	9714.305	3575.375	941.6999	1401.434

Sample Name: K5896-02MS Acquired: 11/22/2019 13:28:09 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	.8769588	2.217162	1.122454	2.185547	.8745251	2.876782	.2678353
Stddev	.0115654	.013623	.004295	.002078	.0075402	.050519	.0055254
%RSD	1.318812	.6144551	.3826882	.0950929	.8622053	1.756090	2.062995

#1	.8809656	2.224520	1.127315	2.187173	.8726994	2.820785	.2615628
#2	.8639228	2.201442	1.120875	2.183205	.8680654	2.890624	.2699603
#3	.8859881	2.225524	1.119171	2.186263	.8828105	2.918937	.2719827

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2316423	.2219063	23.74406	.4694370	.2365510	.3991223	3.591251
Stddev	.0010219	.0005000	.45379	.0022884	.0009195	.0018916	.047249
%RSD	.4411561	.2253305	1.911191	.4874771	.3887217	.4739443	1.315663

#1	.2305077	.2216282	23.22068	.4706653	.2355196	.4001904	3.536836
#2	.2324904	.2216071	24.02767	.4708489	.2372850	.3969382	3.615038
#3	.2319287	.2224835	23.98384	.4667967	.2368484	.4002383	3.621880

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2357805	6.377572	.5589557	.0875429	82.15058	.3513750	.4280130
Stddev	.0048465	.178305	.0035334	.0010989	1.20122	.0070704	.0023853
%RSD	2.055519	2.795808	.6321500	1.255304	1.462214	2.012218	.5572928

#1	.2304116	6.176627	.5557078	.0866445	80.76460	.3433327	.4279229
#2	.2370974	6.516883	.5584410	.0872160	82.89063	.3541788	.4256740
#3	.2398324	6.439206	.5627182	.0887682	82.79652	.3566135	.4304421

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	85.25760	.3839206	.4450719	.7302725	.2401828	4.819401	8.554420
Stddev	1.17789	.0040374	.0003747	.0033393	.0056187	.040282	.025870
%RSD	1.381568	1.051622	.0841779	.4572736	2.339322	.8358198	.3024215

#1	83.89760	.3798265	.4451456	.7264302	.2342610	4.775622	8.533179
#2	85.92241	.3840366	.4446658	.7324745	.2454390	4.827684	8.546850
#3	85.95278	.3878988	.4454042	.7319129	.2408484	4.854897	8.583231

Sample Name: K5896-02MS Acquired: 11/22/2019 13:28:09 Type: Unk
 Method: NON EPA-6010-200.7(v118) 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	12.67513	.2309650	.2953853
Stddev	.04004	.0053399	.0062836
%RSD	.3158589	2.311999	2.127270

#1	12.64003	.2248782	.2881483
#2	12.66664	.2348614	.2985529
#3	12.71873	.2331553	.2994548

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1033.658	9842.300	3593.921	966.3969	1340.342
Stddev	3.120	10.013	33.611	4.7231	5.854
%RSD	.3018779	.1017349	.9352204	.4887315	.4367502

#1	1034.603	9839.550	3632.181	968.6127	1346.073
#2	1036.196	9833.949	3569.152	969.6047	1340.582
#3	1030.174	9853.400	3580.428	960.9733	1334.372

Sample Name: K5896-02MSD Acquired: 11/22/2019 13:32:02 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	.8558456	2.186410	1.103499	2.129883	.8618676	2.826984	.2558035
Stddev	.0086171	.005346	.002568	.010229	.0008643	.028827	.0051192
%RSD	1.006852	.2445182	.2327275	.4802392	.1002806	1.019707	2.001232

#1	.8475271	2.180289	1.104583	2.132885	.8623884	2.801838	.2500682
#2	.8552768	2.188778	1.105347	2.138275	.8608699	2.858445	.2574316
#3	.8647331	2.190163	1.100567	2.118490	.8623445	2.820668	.2599106

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2262789	.2181297	22.66102	.4595771	.2336122	.3905069	3.498719
Stddev	.0021699	.0002902	.43724	.0018187	.0003957	.0013081	.096720
%RSD	.9589707	.1330566	1.929463	.3957421	.1693702	.3349629	2.764441

#1	.2276318	.2178748	22.15663	.4577946	.2340023	.3890139	3.403787
#2	.2274289	.2180687	22.89401	.4595068	.2332112	.3910555	3.495236
#3	.2237760	.2184456	22.93242	.4614300	.2336230	.3914513	3.597133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2284920	6.250709	.5514862	.0842676	79.34397	.3343356	.3528632
Stddev	.0049245	.128000	.0031973	.0002489	1.95002	.0067736	.0005436
%RSD	2.155229	2.047762	.5797581	.2953259	2.457675	2.026001	.1540653

#1	.2229460	6.114483	.5478532	.0839996	77.30600	.3265258	.3534227
#2	.2301776	6.269163	.5527338	.0843116	79.53375	.3386111	.3528300
#3	.2323524	6.368479	.5538715	.0844915	81.19216	.3378700	.3523370

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	82.51158	.3393463	.4362064	.7179525	.2449249	4.987178	8.378054
Stddev	1.98398	.0067171	.0002739	.0019223	.0034183	.063138	.017066
%RSD	2.404483	1.979412	.0628011	.2677416	1.395660	1.266015	.2037025

#1	80.36543	.3461422	.4358966	.7192289	.2437461	4.931594	8.375420
#2	82.89059	.3391856	.4364167	.7157417	.2487766	4.974114	8.362458
#3	84.27870	.3327110	.4363060	.7188869	.2422519	5.055827	8.396284

Sample Name: K5896-02MSD Acquired: 11/22/2019 13:32:02 Type: Unk
 Method: NON EPA-6010-200.7(v118) 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	12.30327	.2234926	.2850810
Stddev	.05110	.0053586	.0037769
%RSD	.4153445	2.397650	1.324870

#1	12.24478	.2173164	.2807261
#2	12.33926	.2262554	.2870531
#3	12.32578	.2269059	.2874636

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1021.258	9701.761	3546.011	951.3138	1321.235
Stddev	1.612	34.342	27.796	9.3255	2.834
%RSD	.1578573	.3539804	.7838800	.9802741	.2145261

#1	1023.109	9709.127	3521.896	953.6057	1324.264
#2	1020.506	9731.822	3539.724	959.2797	1318.647
#3	1020.159	9664.333	3576.412	941.0561	1320.793

Sample Name: K5896-02A Acquired: 11/22/2019 13:37:07 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	.7617347	1.938913	.9779192	1.911364	.7451454	2.869239	.2345024
Stddev	.0021474	.010604	.0019168	.006319	.0049810	.048589	.0046551
%RSD	.2819112	.5468947	.1960029	.3305858	.6684608	1.693454	1.985098

#1	.7598290	1.926729	.9796056	1.906330	.7402837	2.813661	.2296197
#2	.7640615	1.946053	.9783174	1.918455	.7502377	2.890376	.2349972
#3	.7613137	1.943957	.9758347	1.909307	.7449147	2.903680	.2388903

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1974444	.1927907	23.50076	.4084532	.2089355	.3536483	3.150170
Stddev	.0005124	.0006669	.50394	.0008228	.0014320	.0013490	.073833
%RSD	.2595178	.3459106	2.144375	.2014325	.6853735	.3814408	2.343763

#1	.1976305	.1922718	23.03388	.4087606	.2076165	.3547300	3.077574
#2	.1968649	.1925575	23.43340	.4090781	.2087315	.3521368	3.147755
#3	.1978377	.1935429	24.03499	.4075211	.2104586	.3540781	3.225180

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2003831	5.954732	.4871464	.0753945	82.23231	.2969982	.4039907
Stddev	.0047276	.102476	.0011558	.0009522	1.64947	.0020169	.0033328
%RSD	2.359275	1.720920	.2372587	1.263022	2.005867	.6790930	.8249607

#1	.1965161	5.869818	.4862588	.0744173	80.39441	.2959812	.4016882
#2	.1989798	5.925819	.4867269	.0763196	82.71842	.2956924	.4024716
#3	.2056535	6.068558	.4884533	.0754466	83.58410	.2993212	.4078124

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	84.42693	.3418362	.3829552	.6245985	.2209457	5.179397	7.722602
Stddev	1.78048	.0045599	.0010909	.0020299	.0038822	.079080	.014590
%RSD	2.108903	1.333940	.2848677	.3249889	1.757063	1.526822	.1889196

#1	82.39695	.3386122	.3825972	.6243381	.2189255	5.137783	7.709227
#2	85.15995	.3398430	.3820882	.6267460	.2184902	5.129812	7.720419
#3	85.72389	.3470533	.3841801	.6227114	.2254213	5.270594	7.738160

Sample Name: K5896-02A Acquired: 11/22/2019 13:37:07 Type: Unk
 Method: NON EPA-6010-200.7(v118) 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	12.82769	.1964785	.2630976
Stddev	.02241	.0051604	.0041379
%RSD	.1747290	2.626441	1.572742

#1	12.82168	.1917523	.2588621
#2	12.80890	.1956987	.2633002
#3	12.85250	.2019844	.2671304

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1020.455	9637.613	3556.692	950.1621	1316.396
Stddev	1.931	13.050	10.329	1.8571	.958
%RSD	.1892681	.1354098	.2904054	.1954539	.0727917

#1	1018.610	9630.139	3544.856	952.3049	1315.289
#2	1022.462	9630.019	3563.884	949.1627	1316.943
#3	1020.293	9652.682	3561.335	949.0187	1316.955

Sample Name: K5978-10DLX5 Acquired: 11/22/2019 13:45:05 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0276381	-.001874	.0124936	.1020064	.0689530	376.7189
Stddev	.0006762	.001740	.0079096	.0009028	.0066268	7.9754
%RSD	2.446526	92.85275	63.30869	.8850108	9.610599	2.117067

#1	.0282395	-.003288	.0133404	.1029132	.0615350	367.6954
#2	.0277686	-.002404	.0041948	.1011077	.0710359	379.6370
#3	.0269062	.000069	.0199458	.1019982	.0742881	382.8242

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5060549	-.000700	.0010986	20.19334	-.005119	.0044807
Stddev	.0115301	.000192	.0007336	.43559	.000615	.0006981
%RSD	2.278426	27.41618	66.77831	2.157112	12.00721	15.57975

#1	.4930251	-.000479	.0019418	19.70359	-.004545	.0044811
#2	.5102013	-.000824	.0006070	20.33897	-.005768	.0051786
#3	.5149384	-.000797	.0007468	20.53745	-.005045	.0037824

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0375720	13.53968	13.03531	3.985834	.0079080	.0006244
Stddev	.0015931	.32571	.27414	.088028	.0010919	.0011571
%RSD	4.240092	2.405620	2.103042	2.208518	13.80737	185.3145

#1	.0383883	13.16551	12.72828	3.897832	.0084444	-.000362
#2	.0385916	13.69380	13.12209	3.985783	.0066517	.000337
#3	.0357362	13.75973	13.25555	4.073888	.0086280	.001898

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.70457	-.005686	.1041587	1.305935	.0004903	.0000349
Stddev	.38786	.002614	.0008005	.050873	.0011140	.0005731
%RSD	2.469753	45.97549	.7685141	3.895519	227.2060	1642.641

#1	15.25678	-.006929	.1042169	1.251564	-.000377	-.000149
#2	15.92165	-.002682	.1033307	1.313861	.001747	.000677
#3	15.93530	-.007447	.1049284	1.352379	.000101	-.000424

Sample Name: K5978-10DLX5 Acquired: 11/22/2019 13:45:05 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016385	.0322628	F 13.68591	6.158050	10.64756	-.001735
Stddev	.001398	.0023119	.37837	.012511	.03863	.000477
%RSD	8.530823	7.165869	2.764655	.2031640	.3628048	27.48891

#1	-.015607	.0296485	13.25438	6.150959	10.61622	-.001946
#2	-.015551	.0331018	13.84250	6.150696	10.63575	-.001189
#3	-.017999	.0340379	13.96084	6.172496	10.69072	-.002070

Elem	Sr4077
Units	ppm
Avg	.0675838
Stddev	.0013926
%RSD	2.060521

#1	.0660826
#2	.0678352
#3	.0688335

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1026.483	9314.897	3614.965	926.0332	1273.280
Stddev	.413	23.726	4.245	3.9049	2.933
%RSD	.0402450	.2547078	.1174199	.4216798	.2303328

#1	1026.118	9333.884	3615.927	921.5383	1276.295
#2	1026.931	9288.300	3610.321	927.9720	1273.106
#3	1026.398	9322.508	3618.645	928.5892	1270.437

Sample Name: CCV03 Acquired: 11/22/2019 13:51:42 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	4.966295	4.921928	4.964140	4.944959	4.919469	9.811616	9.926634
Stddev	.003617	.009549	.006151	.018612	.016753	.057973	.048587
%RSD	.0728319	.1940088	.1239025	.3763788	.3405378	.5908562	.4894648

#1	4.969670	4.924919	4.957604	4.953995	4.921355	9.756195	9.870572
#2	4.966739	4.911241	4.969814	4.923554	4.935200	9.871842	9.952802
#3	4.962477	4.929623	4.965002	4.957327	4.901854	9.806812	9.956529

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2444074	2.452282	24.52577	1.008544	2.481761	1.242593	5.004485
Stddev	.0014757	.004607	.22975	.003174	.004067	.001916	.051846
%RSD	.6037882	.1878822	.9367862	.3147158	.1638759	.1541680	1.035982

#1	.2450819	2.447314	24.26656	1.006504	2.477946	1.244488	4.952748
#2	.2454253	2.456415	24.60645	1.006927	2.486040	1.240658	5.004269
#3	.2427150	2.453116	24.70430	1.012201	2.481296	1.242634	5.056439

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.449753	24.74096	2.444109	1.256169	24.55291	2.469843	2.497498
Stddev	.017807	.22208	.003382	.007387	.29204	.019106	.018356
%RSD	.7268901	.8976204	.1383905	.5880340	1.189420	.7735528	.7349602

#1	2.429375	24.63148	2.447970	1.253810	24.25658	2.448147	2.495148
#2	2.462322	24.59488	2.442689	1.250250	24.56169	2.477231	2.480430
#3	2.457561	24.99652	2.441667	1.264447	24.84046	2.484152	2.516915

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.23446	4.849065	5.012155	4.860198	4.857146	5.000733	4.827375
Stddev	.29504	.031515	.003607	.001863	.025850	.080390	.002831
%RSD	1.169200	.6499120	.0719709	.0383378	.5321977	1.607557	.0586532

#1	24.89868	4.847327	5.009109	4.858118	4.827320	4.922003	4.827972
#2	25.35247	4.881413	5.016139	4.860760	4.873082	4.997512	4.829861
#3	25.45223	4.818455	5.011218	4.861715	4.871034	5.082685	4.824293

Sample Name: CCV03 Acquired: 11/22/2019 13:51:42 Type: Unk
 Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.796818	4.893535	4.985014
Stddev	.010126	.035018	.028926
%RSD	.2111086	.7155883	.5802597

#1	4.805573	4.853459	4.951976
#2	4.785728	4.908921	5.005786
#3	4.799152	4.918226	4.997279

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	988.7593	9420.960	3488.217	908.2555	1278.372
Stddev	3.4001	13.524	19.487	4.9006	3.680
%RSD	.3438748	.1435568	.5586403	.5395578	.2878706

#1	986.0417	9412.984	3469.854	903.5657	1276.821
#2	987.6641	9436.575	3486.136	913.3426	1275.722
#3	992.5720	9413.319	3508.661	907.8580	1282.574

Sample Name: CCB03 Acquired: 11/22/2019 13:55:24 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	.0054919	.0017160	.0009705	.0015043	.0008475	-.003194	-.001084
Stddev	.0050551	.0003634	.0048844	.0019203	.0018901	.004112	.000254
%RSD	92.04548	21.17852	503.2826	127.6588	223.0229	128.7355	23.44794

#1	.0067385	.0021161	.0009133	-.000184	.0010051	-.007558	-.001136
#2	.0098071	.0014063	.0058833	.001104	.0026539	.000608	-.001308
#3	-.000070	.0016256	-.003885	.003593	-.001117	-.002631	-.000808

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000185	-.000499	.0053649	.0001684	-.000375	.0008533	.0108028
Stddev	.000131	.000260	.0081248	.0007363	.000301	.0013672	.0071045
%RSD	70.71780	52.19278	151.4447	437.2398	80.35904	160.2181	65.76488

#1	-.000064	-.000421	-.003108	.0006354	-.000535	-.000396	.0165689
#2	-.000324	-.000286	.006112	.0005502	-.000562	.002314	.0028663
#3	-.000166	-.000789	.013090	-.000680	-.000027	.000642	.0129734

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	-.047679	.0005178	.0007929	-.003725	.0004863	-.003295
Stddev	.000490	.051063	.0016437	.0011714	.014210	.0031916	.000472
%RSD	2387.287	107.0969	317.4549	147.7340	381.5055	656.2766	14.31556

#1	.000453	-.043537	-.000629	.0013409	-.017307	-.003061	-.003638
#2	-.000525	.001186	.002401	-.000552	.011039	.001395	-.002757
#3	.000010	-.100688	-.000219	.001590	-.004906	.003125	-.003490

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014944	.0040236	.0007755	.0008495	-.002259	-.053567	.0011345
Stddev	.041279	.0011859	.0002733	.0009976	.000342	.001495	.0016813
%RSD	276.2334	29.47450	35.23302	117.4307	15.11761	2.790178	148.1956

#1	-.033081	.0027606	.0009658	.0009607	-.001981	-.054483	.0029760
#2	.032299	.0051134	.0004624	.0017868	-.002157	-.051843	.0007460
#3	-.044048	.0041968	.0008984	-.000199	-.002641	-.054376	-.000319

Sample Name: CCB03 Acquired: 11/22/2019 13:55:24 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	-.000503	-.003785	-.001198
Stddev	.003888	.000163	.000036
%RSD	772.5949	4.299198	3.024027

#1	-.001870	-.003620	-.001157
#2	-.003523	-.003789	-.001213
#3	.003883	-.003945	-.001225

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1027.249	9769.887	3533.747	947.1584	1416.846
Stddev	1.304	23.196	20.663	3.0894	1.387
%RSD	.1269707	.2374228	.5847227	.3261769	.0978644

#1	1025.815	9745.450	3517.457	944.2473	1417.353
#2	1027.568	9791.602	3556.989	950.3996	1415.278
#3	1028.364	9772.610	3526.795	946.8282	1417.909

Sample Name: K5978-10 Acquired: 11/22/2019 13:59:27 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1120234	.0090917	.0572297	.5019009	.3164301	1772.866
Stddev	.0168026	.0075299	.0015254	.0134759	.0083643	15.865
%RSD	14.99921	82.82119	2.665369	2.684979	2.643330	.8948582

#1	.0942401	.0069535	.0557155	.5171926	.3244958	1754.622
#2	.1141964	.0028622	.0587660	.4917604	.3169985	1783.423
#3	.1276339	.0174595	.0572074	.4967497	.3077962	1780.553

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.410793	-.002363	.0107643	97.53574	-.023747	.0204480
Stddev	.007132	.000183	.0000773	.19799	.000866	.0013731
%RSD	.2958249	7.727028	.7185835	.2029915	3.647276	6.714890

#1	2.404683	-.002572	.0108210	97.34528	-.024488	.0219857
#2	2.418629	-.002233	.0106762	97.74048	-.023958	.0200136
#3	2.409066	-.002284	.0107956	97.52145	-.022794	.0193447

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1554027	67.12879	F 62.21551	19.31446	.0377301	.0008458
Stddev	.0015619	.68248	.25276	.15509	.0037864	.0011336
%RSD	1.005080	1.016674	.4062578	.8029695	10.03564	134.0256

#1	.1567493	66.34386	62.23264	19.44006	.0380373	-.000463
#2	.1536904	67.46042	62.45927	19.36221	.0337993	.001510
#3	.1557684	67.58208	61.95463	19.14111	.0413535	.001490

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	82.25657	-.010087	.5323426	6.958774	.0125831	.0069562
Stddev	.77830	.004229	.0045346	.190111	.0039767	.0010632
%RSD	.9461807	41.92715	.8518224	2.731965	31.60355	15.28400

#1	81.35790	-.005219	.5294098	6.742371	.0081524	.0073709
#2	82.71133	-.012855	.5300525	7.098904	.0158430	.0057482
#3	82.70049	-.012189	.5375656	7.035048	.0137538	.0077496

Sample Name: K5978-10 Acquired: 11/22/2019 13:59:27 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.090803	.1698534	F 70.11177	F 31.95418	55.70995	.0051049
Stddev	.001508	.0023679	.65932	.05813	.13703	.0009648
%RSD	1.660537	1.394059	.9403819	.1819311	.2459690	18.89924

#1	-.089858	.1699302	69.38637	31.88848	55.66324	.0044345
#2	-.090009	.1721820	70.67459	31.97511	55.60239	.0062106
#3	-.092542	.1674481	70.27435	31.99895	55.86423	.0046696

Elem	Sr4077
Units	ppm
Avg	.3269919
Stddev	.0007339
%RSD	.2244445

#1	.3271935
#2	.3276040
#3	.3261783

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1081.497	9237.880	3774.191	975.3247	1154.344
Stddev	4.568	35.548	19.953	4.3509	3.728
%RSD	.4223771	.3848067	.5286566	.4461016	.3229221

#1	1084.068	9276.919	3752.590	980.3026	1156.794
#2	1084.199	9229.344	3778.054	973.4244	1156.184
#3	1076.223	9207.377	3791.930	972.2472	1150.054

Sample Name: CCV04 Acquired: 11/22/2019 14:05:37 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	4.897741	4.842740	4.890503	4.856924	4.839469	9.439322	9.616303
Stddev	.016007	.007234	.014222	.026931	.011642	.087321	.090163
%RSD	.3268265	.1493717	.2908174	.5544780	.2405630	.9250741	.9376096

#1	4.879321	4.834795	4.876297	4.827439	4.826183	9.359868	9.517955
#2	4.908276	4.848946	4.904742	4.880224	4.847884	9.425289	9.635893
#3	4.905625	4.844477	4.890470	4.863109	4.844341	9.532810	9.695060

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2390379	2.413481	23.67779	.9909838	2.454799	1.226982	4.821519
Stddev	.0014727	.009066	.24729	.0030355	.010424	.004537	.087460
%RSD	.6160853	.3756533	1.044395	.3063100	.4246539	.3697953	1.813953

#1	.2405763	2.404982	23.39979	.9906055	2.444300	1.222324	4.720640
#2	.2388963	2.423024	23.76036	.9881551	2.465147	1.227234	4.867863
#3	.2376411	2.412436	23.87324	.9941906	2.454949	1.231388	4.876055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.376230	24.12210	2.408203	1.231315	23.88304	2.387475	2.448422
Stddev	.023782	.31153	.005940	.003963	.44506	.025376	.004331
%RSD	1.000827	1.291482	.2466619	.3218892	1.863499	1.062895	.1768917

#1	2.351285	23.76974	2.401717	1.232416	23.38232	2.360410	2.453423
#2	2.378759	24.36100	2.413378	1.234611	24.03318	2.391282	2.445922
#3	2.398647	24.23556	2.409514	1.226917	24.23361	2.410733	2.445920

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.41344	4.752661	4.942454	4.779842	4.703654	4.842032	4.736829
Stddev	.40566	.030954	.013122	.021500	.055221	.066429	.041456
%RSD	1.661627	.6512929	.2654991	.4498140	1.173998	1.371931	.8751788

#1	23.96814	4.788360	4.929166	4.755513	4.641566	4.775094	4.690281
#2	24.51026	4.736333	4.955404	4.796290	4.722125	4.843059	4.769774
#3	24.76194	4.733290	4.942792	4.787721	4.747272	4.907941	4.750434

Sample Name: CCV04 Acquired: 11/22/2019 14:05:37 Type: Unk
 Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.719519	4.742156	4.826270
Stddev	.012302	.055202	.039745
%RSD	.2606625	1.164077	.8235066

#1	4.714644	4.680563	4.783622
#2	4.733511	4.758741	4.832917
#3	4.710401	4.787165	4.862273

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	994.4745	9500.054	3523.851	917.2557	1289.625
Stddev	.7649	39.694	30.014	4.2083	3.163
%RSD	.0769121	.4178273	.8517458	.4587952	.2452630

#1	994.0242	9459.752	3490.467	912.5548	1290.517
#2	994.0417	9501.298	3532.483	918.5402	1286.112
#3	995.3577	9539.111	3548.603	920.6721	1292.246

Sample Name: CCB04 Acquired: 11/22/2019 14:09:20 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	.0049293	.0010478	.0026640	.0018433	.0005393	.0076580	-.000652
Stddev	.0068019	.0049993	.0006896	.0034341	.0010313	.0067737	.001561
%RSD	137.9888	477.1028	25.88402	186.2965	191.2297	88.45343	239.3675

#1	-.002907	-.004543	.0034155	.0058021	-.000074	.0008121	.000041
#2	.009305	.005089	.0025163	.0000605	-.000038	.0078046	-.002440
#3	.008390	.002597	.0020603	-.000333	.001730	.0143572	.000443

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000039	-.000640	.0015171	.0003991	-.000209	.0003292	.0078317
Stddev	.000096	.000200	.0089262	.0009692	.000084	.0000666	.0067255
%RSD	248.6114	31.26090	588.3682	242.8868	40.11461	20.22520	85.87529

#1	-.000088	-.000634	.0036391	.0006806	-.000113	.0003939	.0096942
#2	-.000101	-.000843	.0091912	.0011964	-.000244	.0003330	.0003713
#3	.000072	-.000443	-.008279	-.000680	-.000269	.0002608	.0134297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000897	-.048116	-.000456	.0013333	-.000755	-.001300	-.002957
Stddev	.000516	.016293	.000202	.0012430	.004358	.003593	.000664
%RSD	57.50320	33.86154	44.40905	93.22972	577.0975	276.3257	22.46574

#1	-.001272	-.063889	-.000285	.0004557	-.004690	-.002006	-.003547
#2	-.001110	-.049110	-.000679	.0007884	-.001505	.002593	-.003086
#3	-.000309	-.031349	-.000402	.0027557	.003929	-.004488	-.002237

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011944	.0023310	.0003432	-.000894	-.003226	-.034688	.0013423
Stddev	.022886	.0008789	.0003320	.001236	.000771	.024177	.0025928
%RSD	191.6021	37.70663	96.73493	138.3026	23.91151	69.69753	193.1648

#1	.012310	.0021715	.0007250	-.000243	-.003581	-.020832	.0038551
#2	-.033158	.0015427	.0001230	-.002319	-.003757	-.020628	.0014955
#3	-.014986	.0032788	.0001815	-.000119	-.002341	-.062605	-.001324

Sample Name: CCB04 Acquired: 11/22/2019 14:09:20 Type: Unk
 Method: NON EPA-6010-200.7(v118) 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	-.001999	-.004641	-.001214
Stddev	.002802	.001399	.000145
%RSD	140.1851	30.14582	11.95776

#1	.001226	-.005092	-.001047
#2	-.003380	-.003072	-.001300
#3	-.003841	-.005759	-.001296

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1021.827	9670.532	3507.349	932.8726	1405.441
Stddev	3.268	1.098	36.709	11.0244	2.062
%RSD	.3198257	.0113507	1.046625	1.181769	.1467098

#1	1023.159	9669.265	3479.794	944.0224	1405.219
#2	1018.103	9671.177	3493.231	921.9780	1407.605
#3	1024.218	9671.155	3549.020	932.6174	1403.499

Sample Name: K5960-07 Acquired: 11/22/2019 15:23:56 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1071265	.0185253	.0674346	.4971553	.3695245	1816.215
Stddev	.0175630	.0005909	.0050457	.0086014	.0108466	47.300
%RSD	16.39461	3.189527	7.482380	1.730128	2.935284	2.604305

#1	.0997512	.0188390	.0672628	.5063929	.3628839	1768.052
#2	.1271746	.0178438	.0624769	.4893766	.3820413	1817.992
#3	.0944538	.0188933	.0725640	.4956966	.3636484	1862.601

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.420662	-.002337	.0078179	98.91477	-.025485	.0192698
Stddev	.025377	.000074	.0004493	.95035	.000927	.0006317
%RSD	1.048360	3.150757	5.746594	.9607730	3.635834	3.278216

#1	2.392804	-.002402	.0074116	97.83259	-.024481	.0191641
#2	2.426720	-.002257	.0077417	99.29829	-.025667	.0199477
#3	2.442462	-.002353	.0083004	99.61343	-.026307	.0186977

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1361122	62.06285	F 62.09600	19.07037	.0365094	-.004181
Stddev	.0005518	.77694	.55312	.18856	.0024089	.000339
%RSD	.4053769	1.251856	.8907565	.9887329	6.597915	8.104703

#1	.1365081	61.20650	61.50745	18.85302	.0362649	-.004429
#2	.1354819	62.72259	62.17542	19.16802	.0342322	-.003795
#3	.1363465	62.25947	62.60511	19.19008	.0390313	-.004320

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	82.93578	-.009317	.5343535	6.568134	.0099655	.0068459
Stddev	1.21182	.004069	.0016857	.130981	.0025124	.0012352
%RSD	1.461160	43.67414	.3154688	1.994182	25.21035	18.04246

#1	81.63900	-.012795	.5341144	6.429878	.0099061	.0061462
#2	84.03946	-.010315	.5361460	6.690364	.0125071	.0061194
#3	83.12887	-.004842	.5328001	6.584160	.0074834	.0082721

Sample Name: K5960-07 Acquired: 11/22/2019 15:23:56 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.091086	.1640510	F 69.58186	F 31.71555	55.09815	.0036085
Stddev	.003520	.0023233	.98638	.17237	.22284	.0005502
%RSD	3.864595	1.416187	1.417585	.5434800	.4044486	15.24658

#1	-.095146	.1616579	68.53606	31.53442	54.99704	.0030564
#2	-.088880	.1641976	70.49549	31.73466	54.94378	.0036124
#3	-.089233	.1662975	69.71403	31.87756	55.35362	.0041568

Elem	Sr4077
Units	ppm
Avg	.3370038
Stddev	.0030190
%RSD	.8958404

#1	.3336421
#2	.3378858
#3	.3394837

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1072.158	9160.706	3689.773	959.9237	1137.897
Stddev	.820	35.061	16.913	4.3157	4.245
%RSD	.0765156	.3827344	.4583672	.4495827	.3730538

#1	1071.914	9191.292	3681.256	960.4096	1142.183
#2	1073.073	9122.442	3709.251	955.3857	1137.815
#3	1071.487	9168.383	3678.811	963.9759	1133.694

Sample Name: K5960-07DLX5 Acquired: 11/22/2019 15:27:58 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0230133	.0041198	.0172612	.0952477	.0808290	381.1292
Stddev	.0068073	.0032968	.0016201	.0022778	.0030631	4.7311
%RSD	29.58007	80.02361	9.385806	2.391453	3.789552	1.241337

#1	.0166427	.0020627	.0172173	.0978740	.0804373	376.0646
#2	.0301863	.0023743	.0189028	.0940597	.0779807	381.8879
#3	.0222109	.0079224	.0156634	.0938096	.0840691	385.4351

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5087394	-.000833	.0005086	20.53842	-.005669	.0042763
Stddev	.0055794	.000277	.0001973	.19297	.001434	.0008215
%RSD	1.096705	33.20615	38.78231	.9395556	25.28978	19.21176

#1	.5029955	-.000541	.0005455	20.33595	-.004382	.0043151
#2	.5090845	-.001091	.0006848	20.55907	-.007214	.0034360
#3	.5141382	-.000868	.0002955	20.72023	-.005411	.0050777

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0340263	12.23171	13.06428	3.963439	.0065217	-.000213
Stddev	.0001574	.27019	.11380	.070685	.0013096	.001246
%RSD	.4625915	2.208920	.8710439	1.783417	20.07997	586.2274

#1	.0340156	11.92728	12.95521	3.888170	.0058287	.000096
#2	.0341888	12.32480	13.05536	3.973738	.0057041	.000850
#3	.0338746	12.44304	13.18227	4.028410	.0080321	-.001584

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.54867	-.004855	.1073675	1.205028	-.007038	.0000421
Stddev	.36295	.003991	.0013606	.016933	.001171	.0005956
%RSD	2.334288	82.21952	1.267280	1.405172	16.63866	1413.725

#1	15.14542	-.008409	.1058246	1.186429	-.008390	.0000763
#2	15.65145	-.005618	.1078820	1.209107	-.006333	-.000570
#3	15.84916	-.000537	.1083958	1.219549	-.006391	.000620

Sample Name: K5960-07DLX5 Acquired: 11/22/2019 15:27:58 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014053	.0306481	F 13.48370	6.025908	10.39451	-.002834
Stddev	.000975	.0005445	.32655	.022837	.02058	.001592
%RSD	6.941452	1.776452	2.421848	.3789816	.1979627	56.16764

#1	-.014974	.0312056	13.11911	6.022612	10.40593	-.004671
#2	-.013031	.0306211	13.58268	6.004897	10.37075	-.001862
#3	-.014154	.0301177	13.74931	6.050213	10.40683	-.001969

Elem	Sr4077
Units	ppm
Avg	.0705672
Stddev	.0006132
%RSD	.8690052

#1	.0698957
#2	.0707083
#3	.0710976

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1027.463	9352.925	3501.122	922.6319	1265.529
Stddev	1.180	14.556	43.322	2.0081	.761
%RSD	.1148873	.1556340	1.237377	.2176495	.0601037

#1	1026.328	9347.139	3452.048	924.3803	1266.397
#2	1028.684	9369.485	3517.252	923.0769	1265.211
#3	1027.378	9342.151	3534.065	920.4387	1264.979

Sample Name: CCV05 Acquired: 11/22/2019 15:31:57 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	4.988817	5.043232	5.022811	5.024857	4.991658	10.15750	9.889849
Stddev	.023323	.019682	.009097	.011203	.014442	.11539	.073345
%RSD	.4675017	.3902592	.1811179	.2229425	.2893254	1.136053	.7416174

#1	5.014840	5.023763	5.029750	5.036410	4.998759	10.03021	9.806040
#2	4.981811	5.063120	5.026171	5.024119	5.001175	10.18702	9.942309
#3	4.969801	5.042813	5.012512	5.014041	4.975040	10.25527	9.921199

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2479605	2.478703	24.85520	1.020503	2.514481	1.251637	5.091816
Stddev	.0010506	.002032	.20844	.003996	.006807	.004979	.082818
%RSD	.4236897	.0819956	.8386302	.3915388	.2707080	.3977997	1.626495

#1	.2485166	2.480725	24.61726	1.018504	2.518266	1.252090	5.006959
#2	.2486162	2.476660	24.94274	1.017902	2.518555	1.256374	5.096054
#3	.2467488	2.478723	25.00560	1.025104	2.506623	1.246447	5.172433

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.454084	24.86973	2.499125	1.300119	24.81117	2.476804	2.598780
Stddev	.031675	.22391	.004219	.000541	.35930	.028307	.014448
%RSD	1.290709	.9003374	.1688215	.0415823	1.448133	1.142886	.5559720

#1	2.420274	24.62497	2.501201	1.299669	24.42510	2.447572	2.601230
#2	2.458906	24.91995	2.501905	1.299970	24.87262	2.478755	2.583263
#3	2.483071	25.06426	2.494271	1.300719	25.13577	2.504086	2.611847

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.17199	4.883618	5.030737	5.003082	4.960837	5.049718	5.000012
Stddev	.36687	.036092	.012767	.006246	.038625	.071685	.009095
%RSD	1.457464	.7390512	.2537825	.1248428	.7785998	1.419577	.1818916

#1	24.79893	4.904508	5.045472	4.997971	4.917166	4.977697	4.989747
#2	25.18468	4.904404	5.023772	5.010044	4.990516	5.050395	5.007064
#3	25.53235	4.841942	5.022967	5.001230	4.974829	5.121062	5.003225

Sample Name: CCV05 Acquired: 11/22/2019 15:31:57 Type: Unk
Method: NON EPA-6010-200.7(v118) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.872060	4.931987	5.028726
Stddev	.012609	.048083	.037290
%RSD	.2587924	.9749114	.7415355

#1	4.872498	4.876552	4.985670
#2	4.884444	4.957024	5.050693
#3	4.859238	4.962384	5.049815

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	986.8726	9314.889	3435.871	898.1576	1261.198
Stddev	3.1510	19.037	16.369	4.0838	1.414
%RSD	.3192944	.2043730	.4764243	.4546880	.1121334

#1	983.5685	9295.580	3421.932	897.5479	1259.571
#2	987.2051	9333.642	3431.785	902.5120	1262.128
#3	989.8442	9315.446	3453.897	894.4129	1261.896

Sample Name: CCB05 Acquired: 11/22/2019 15:35:40 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	.0025181	.0017195	-.000502	.0016700	-.000089	.0181854	-.000004
Stddev	.0012676	.0036152	.001421	.0020399	.000946	.0105468	.000782
%RSD	50.33680	210.2491	283.0735	122.1432	1062.028	57.99589	21845.43

#1	.0036676	.0019636	-.001024	.0017296	.000966	.0212251	-.000768
#2	.0011587	-.002012	-.001588	-.000399	-.000373	.0064526	-.000038
#3	.0027281	.005206	.001106	.003679	-.000860	.0268786	.000795

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000242	-.000660	-.003352	.0002298	-.000406	.0007891	.0106991
Stddev	.000193	.000071	.010569	.0003673	.000782	.0001755	.0024952
%RSD	79.76287	10.75751	315.3293	159.8445	192.4914	22.24440	23.32166

#1	-.000463	-.000695	-.001307	.0006529	-.001247	.0009067	.0078180
#2	-.000108	-.000707	.006046	.0000442	-.000273	.0008733	.0121175
#3	-.000154	-.000579	-.014793	-.000008	.000300	.0005873	.0121619

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001108	-.047925	-.000345	.0019744	-.014438	-.001471	-.003299
Stddev	.000518	.022210	.001096	.0006009	.012631	.002143	.000892
%RSD	46.74991	46.34429	317.4014	30.43479	87.48932	145.6361	27.05006

#1	-.001656	-.022290	-.000177	.0026468	-.029011	-.001867	-.003290
#2	-.000627	-.060066	-.001516	.0017864	-.007649	.000842	-.002411
#3	-.001040	-.061419	.000657	.0014900	-.006652	-.003388	-.004196

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0568973	-.000664	.0002921	.0021444	-.002399	-.045693	.0011331
Stddev	.0140253	.001580	.0005530	.0022108	.001169	.016307	.0028135
%RSD	24.65029	237.8555	189.3545	103.0993	48.71721	35.68769	248.3089

#1	.0483282	.000580	.0008323	.0026787	-.003749	-.038551	-.001743
#2	.0730830	-.002442	.0003167	-.000285	-.001737	-.064352	.003880
#3	.0492806	-.000130	-.000273	.004039	-.001712	-.034175	.001262

Sample Name: CCB05 Acquired: 11/22/2019 15:35:40 Type: Unk
Method: NON EPA-6010-200.7(v118) 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	-.000516	-.005312	-.001200
Stddev	.006417	.001112	.000060
%RSD	1242.729	20.92789	4.970577

#1	.005735	-.006555	-.001148
#2	-.000197	-.004971	-.001187
#3	-.007087	-.004411	-.001265

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1016.433	9541.313	3429.374	917.3965	1379.279
Stddev	5.346	14.342	24.672	1.9085	7.075
%RSD	.5259195	.1503131	.7194410	.2080377	.5129551

#1	1012.144	9527.608	3424.065	916.6999	1372.405
#2	1022.422	9540.113	3407.788	915.9341	1386.540
#3	1014.734	9556.216	3456.269	919.5554	1378.893