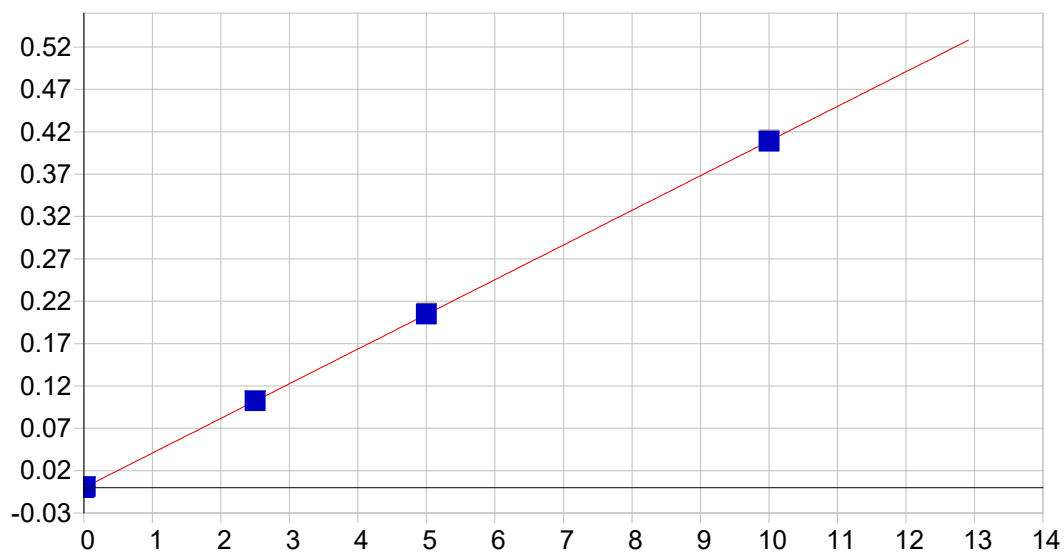


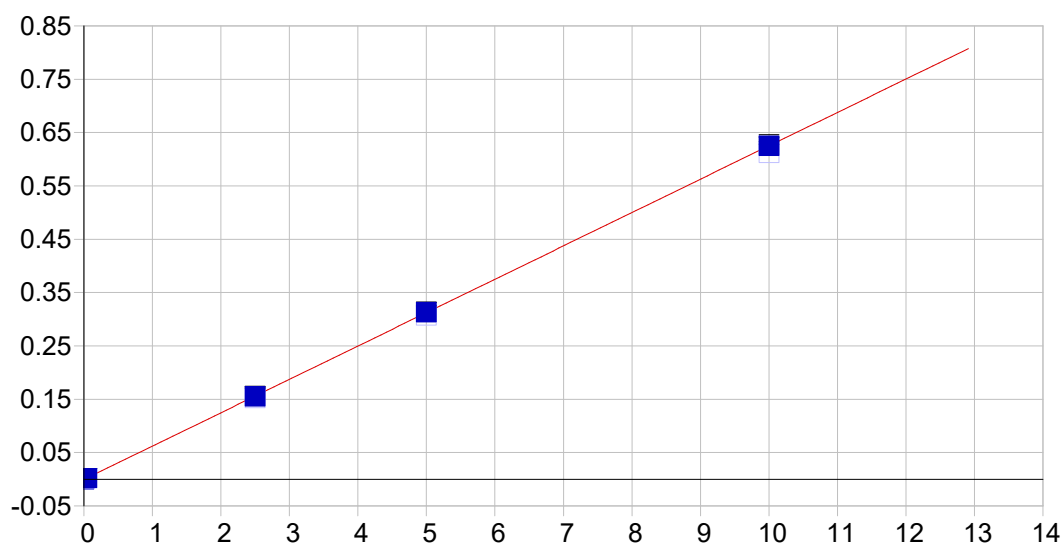


As 189.042 {479}

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000120	Re-Slope:	1.000000
A1 (Gain):	0.040913	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999993	Status:	OK.
Std Error of Est:	0.000004		
Predicted MDL:	0.003972		
Predicted MQL:	0.013240		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00012	.000	1
S1	.02000	.02215	.002	10.7	.00080	.000	1
S3	2.5000	2.5053	.005	.211	.10251	.000	1
S4	5.0000	5.0021	.002	.041	.20479	.001	1
S5	10.000	9.9905	-.010	-.095	.40915	.001	1



Date of Fit: 10/03/2019 14:59:44

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000470

Re-Slope: 1.000000

A1 (Gain): 0.062566

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999997

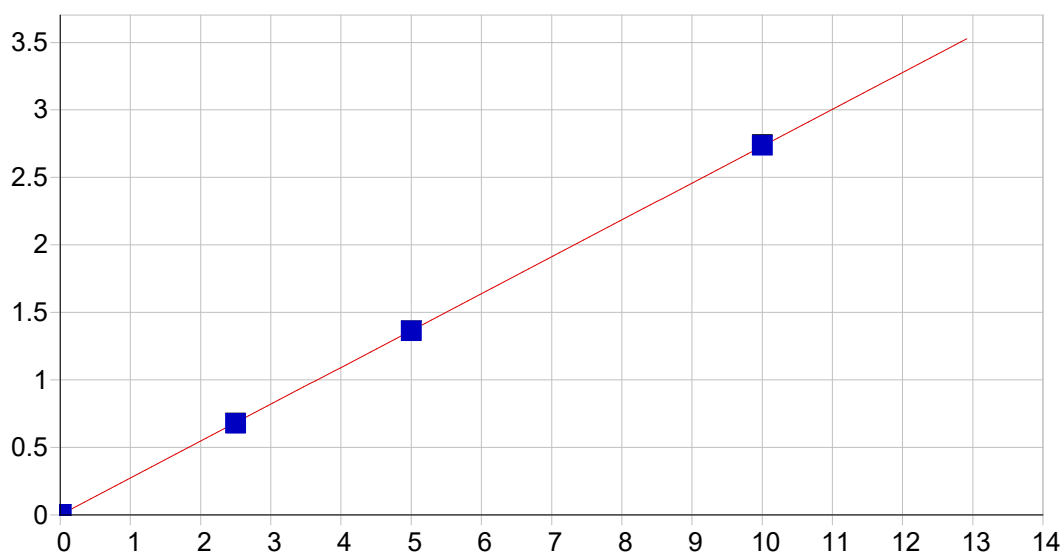
Status: OK.

Std Error of Est: 0.000005

Predicted MDL: 0.002737

Predicted MQL: 0.009125

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00047	.000	1
S1	.04000	.03865	-.001	-3.39	.00185	.000	1
S3	2.5000	2.4920	-.008	-.320	.15218	.001	1
S4	5.0000	5.0140	.014	.280	.30670	.000	1
S5	10.000	9.9953	-.005	-.047	.61183	.002	1

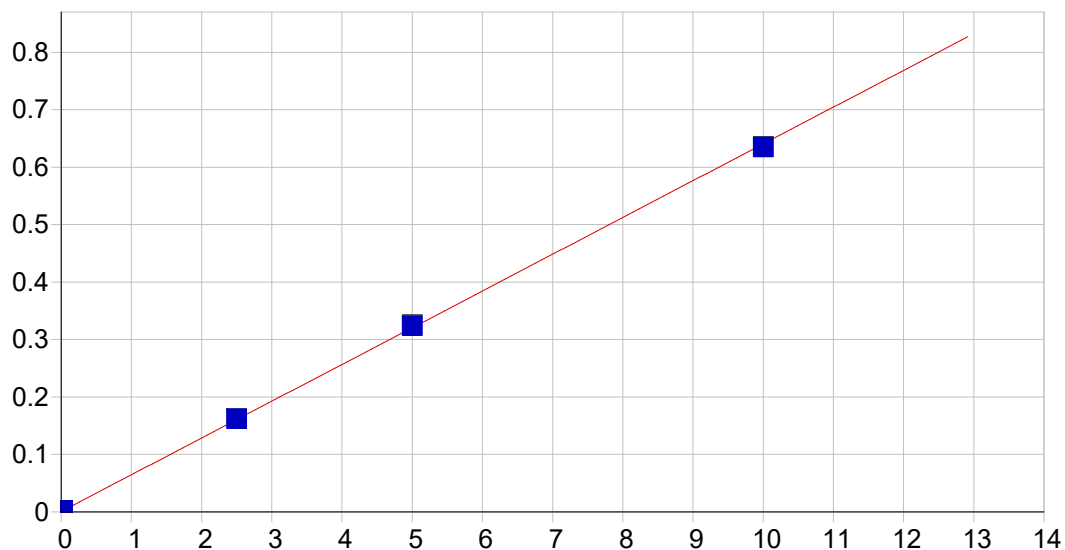


Pb 220.353 {453}

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000513 Re-Slope: 1.000000
 A1 (Gain): 0.273044 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.001678
 Predicted MQL: 0.005594

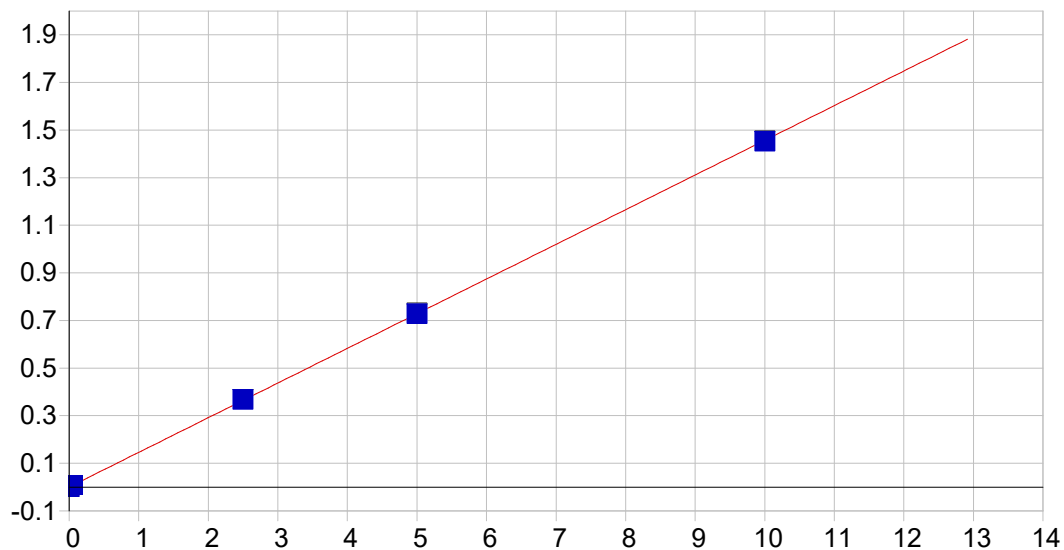
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00051	.000	1
S1	.01200	.01307	.001	8.90	.00401	.000	1
S3	2.5000	2.4807	-.019	-.773	.67689	.002	1
S4	5.0000	4.9929	-.007	-.142	1.3619	.001	1
S5	10.000	10.025	.025	.253	2.7340	.005	1

**Se 196.090 {472}**

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000636 Re-Slope: 1.000000
 A1 (Gain): 0.063983 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.003393
 Predicted MQL: 0.011311

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00064	.000	1
S1	.02000	.02090	.001	4.50	.00197	.000	1
S3	2.5000	2.5269	.027	1.07	.16227	.000	1
S4	5.0000	5.0593	.059	1.19	.32426	.001	1
S5	10.000	9.9129	-.087	-.871	.63472	.001	1

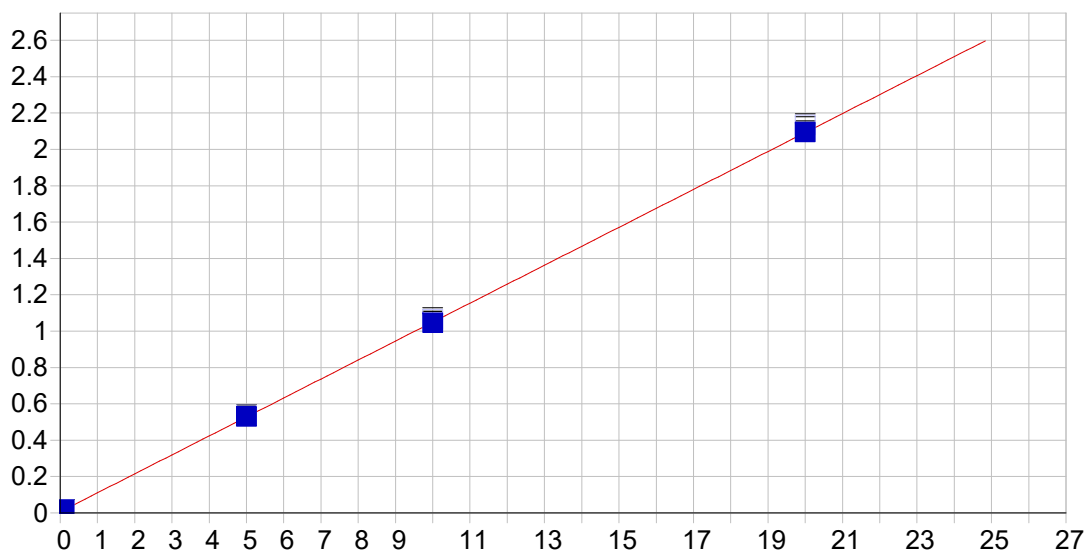


Sb 206.833 {463}

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000307 Re-Slope: 1.000000
 A1 (Gain): 0.145662 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.001955
 Predicted MQL: 0.006516

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00031	.000	1
S1	.05000	.05563	.006	11.3	.00839	.000	1
S3	2.5000	2.5214	.021	.855	.36754	.000	1
S4	5.0000	5.0006	.001	.012	.72864	.002	1
S5	10.000	9.9724	-.028	-.276	1.4528	.001	1

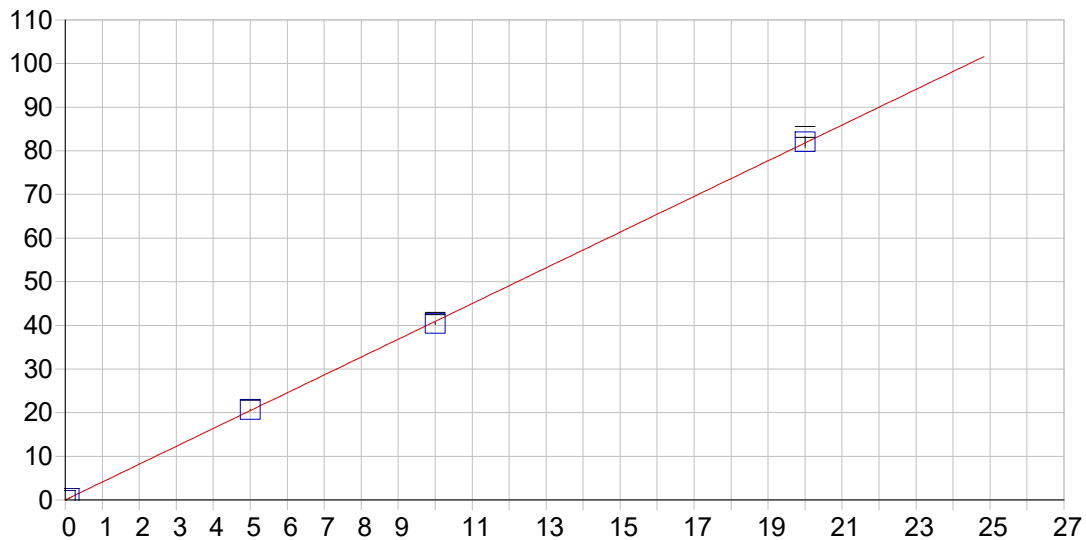


Al 396.152 { 85}

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006313 Re-Slope: 1.000000
 A1 (Gain): 0.104326 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000064
 Predicted MDL: 0.010257
 Predicted MQL: 0.034190

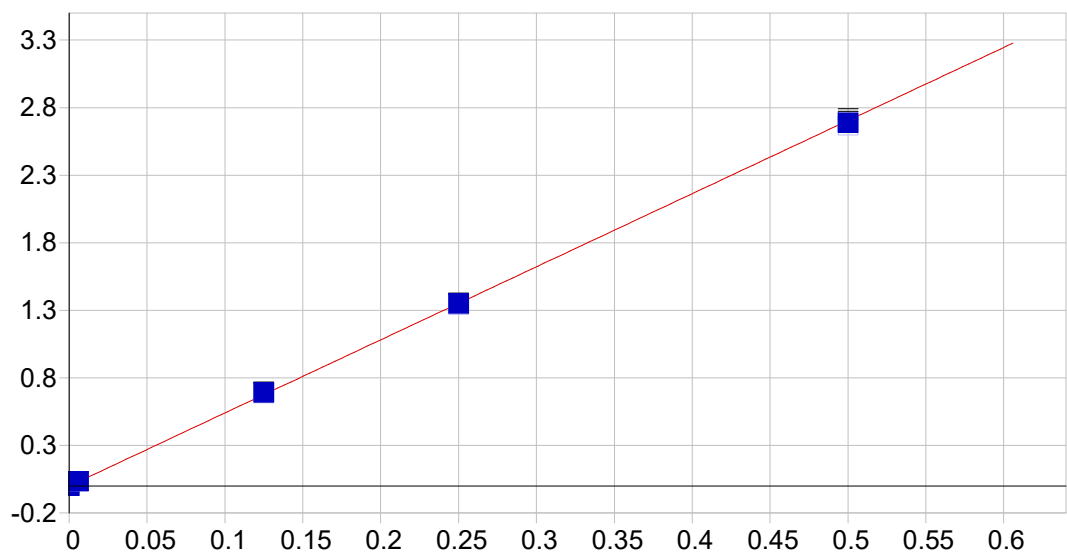
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00631	.001	1
S1	.10000	.11442	.014	14.4	.01903	.000	1
S3	5.0000	5.0116	.012	.232	.53884	.002	1
S4	10.000	9.9593	-.041	-.407	1.0647	.009	1
S5	20.000	20.014	.014	.069	2.1330	.007	1

**Ba 493.409 { 68}**

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006670 Re-Slope: 1.000000
 A1 (Gain): 4.090418 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.002438
 Predicted MDL: 0.000545
 Predicted MQL: 0.001817

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00666	.002	1
S1	.10000	.10294	.003	2.94	.42775	.003	1
S3	5.0000	5.0527	.053	1.05	20.674	.080	1
S4	10.000	9.8852	-.115	-1.15	40.441	.263	1
S5	20.000	20.059	.059	.296	82.057	1.23	1

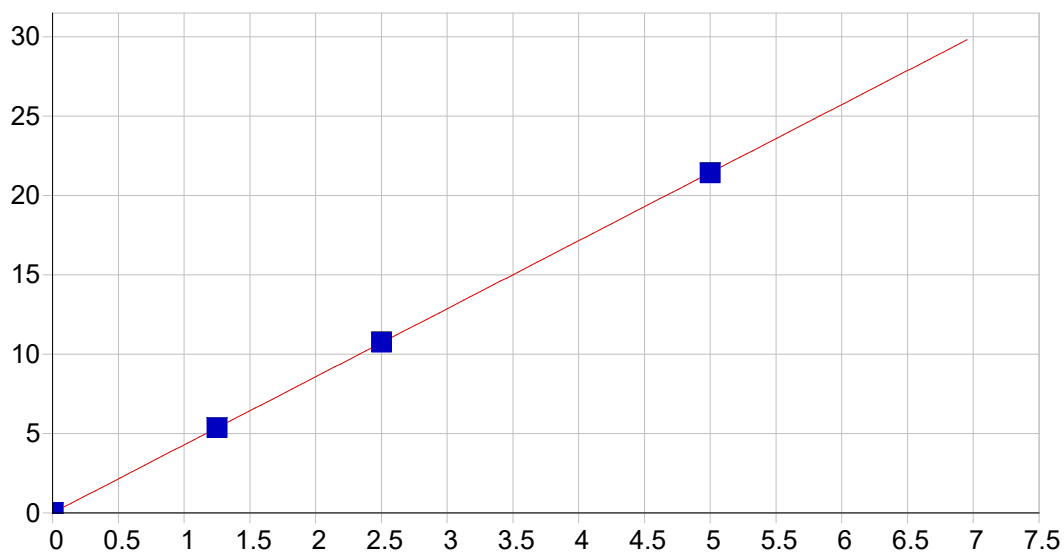


Be 234.861 {144}

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000923 Re-Slope: 1.000000
 A1 (Gain): 5.409863 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000213
 Predicted MDL: 0.000074
 Predicted MQL: 0.000248

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00093	.000	1
S1	.00600	.00661	.001	10.2	.03449	.001	1
S3	.12500	.12800	.003	2.40	.68701	.003	1
S4	.25000	.24950	-.001	-.201	1.3397	.005	1
S5	.50000	.49689	-.003	-.623	2.6690	.031	1

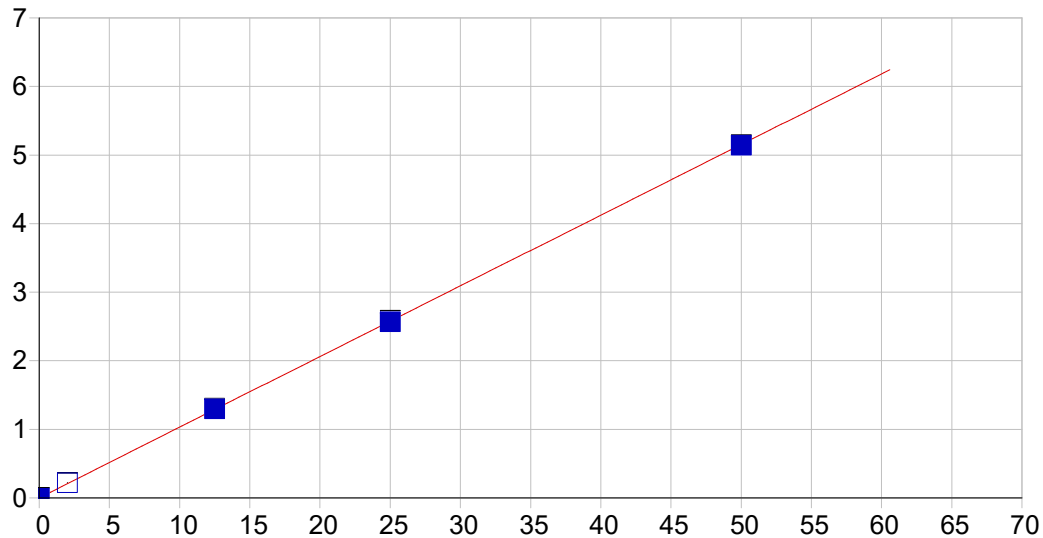


Cd 214.438 {457}

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000298 Re-Slope: 1.000000
A1 (Gain): 4.288828 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999997 Status: OK.
Std Error of Est: 0.000097
Predicted MDL: 0.000077
Predicted MQL: 0.000255

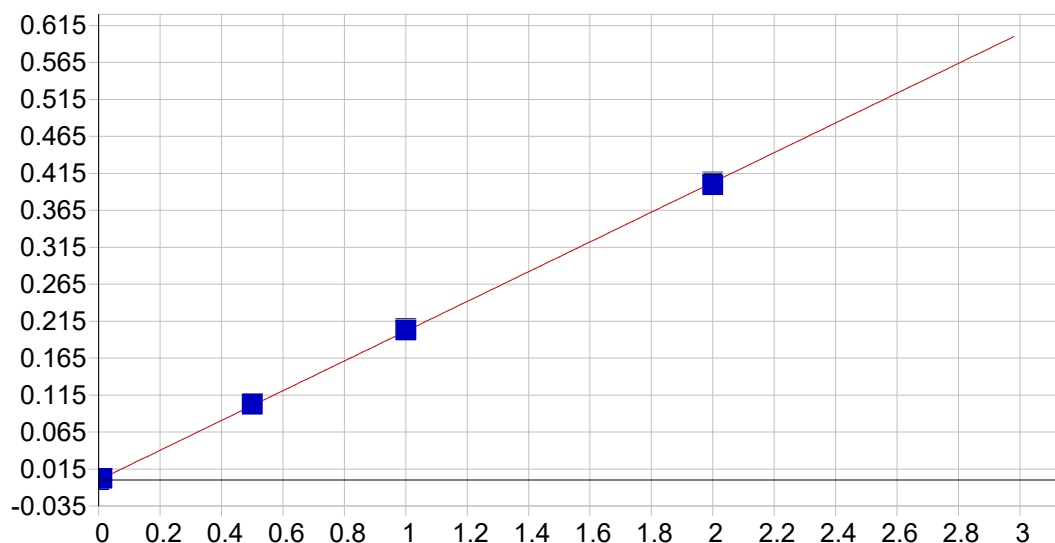
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00030	.000	1
S1	.00600	.00637	.000	6.20	.02764	.000	1
S3	1.2500	1.2524	.002	.194	5.3720	.011	1
S4	2.5000	2.5051	.005	.204	10.745	.026	1
S5	5.0000	4.9921	-.008	-.158	21.412	.039	1

**Ca 373.690 { 90}**

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001751 Re-Slope: 1.000000
A1 (Gain): 0.103026 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999946 Status: OK.
Std Error of Est: 0.000584
Predicted MDL: 0.010217
Predicted MQL: 0.034058

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00013	-.000	.000	.00174	.001	1
S2	2.0000	2.1287	.129	6.44	.22107	.001	1
S3	12.500	12.590	.090	.723	1.2984	.008	1
S4	25.000	24.892	-.108	-.432	2.5652	.022	1
S5	50.000	49.889	-.111	-.222	5.1395	.006	1

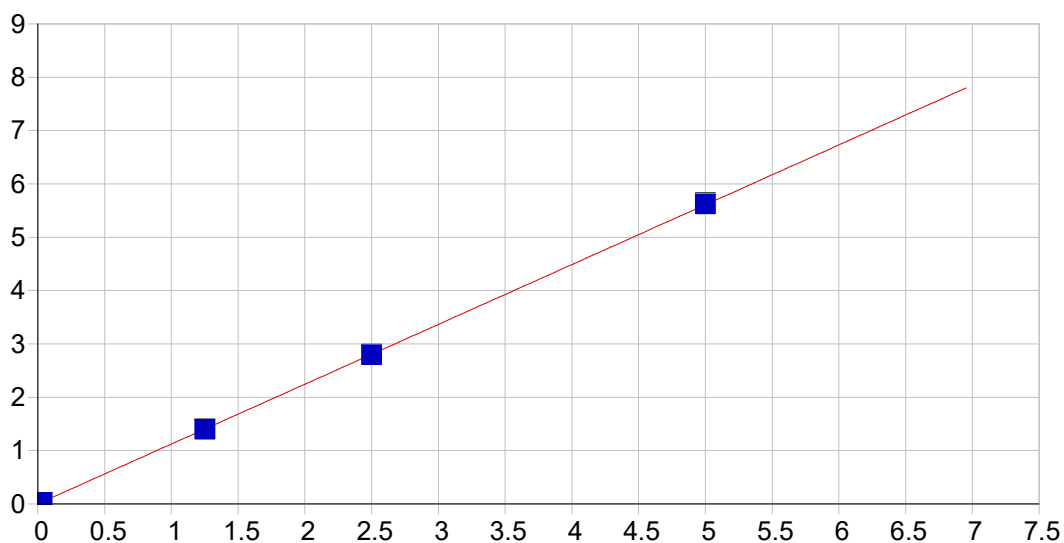


Cr 267.716 {126}

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000022 Re-Slope: 1.000000
 A1 (Gain): 0.201390 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.000554
 Predicted MQL: 0.001846

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.01000	.01042	.000	4.20	.00210	.000	1
S3	.50000	.50874	.009	1.75	.10314	.000	1
S4	1.0000	1.0069	.007	.685	.20417	.001	1
S5	2.0000	1.9840	-.016	-.800	.40237	.001	1

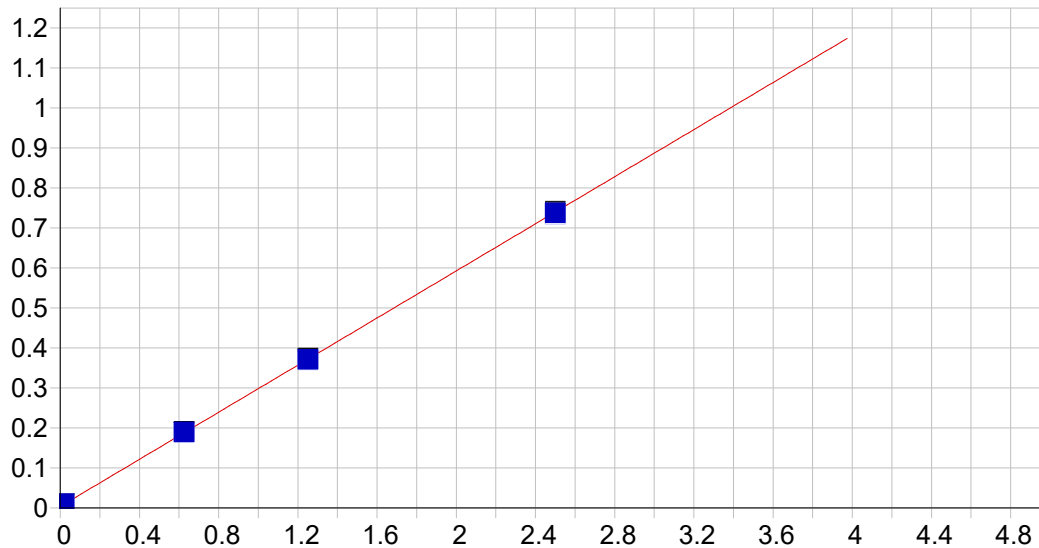


Co 228.616 {448}

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000563 Re-Slope: 1.000000
 A1 (Gain): 1.121703 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000084
 Predicted MDL: 0.000278
 Predicted MQL: 0.000925

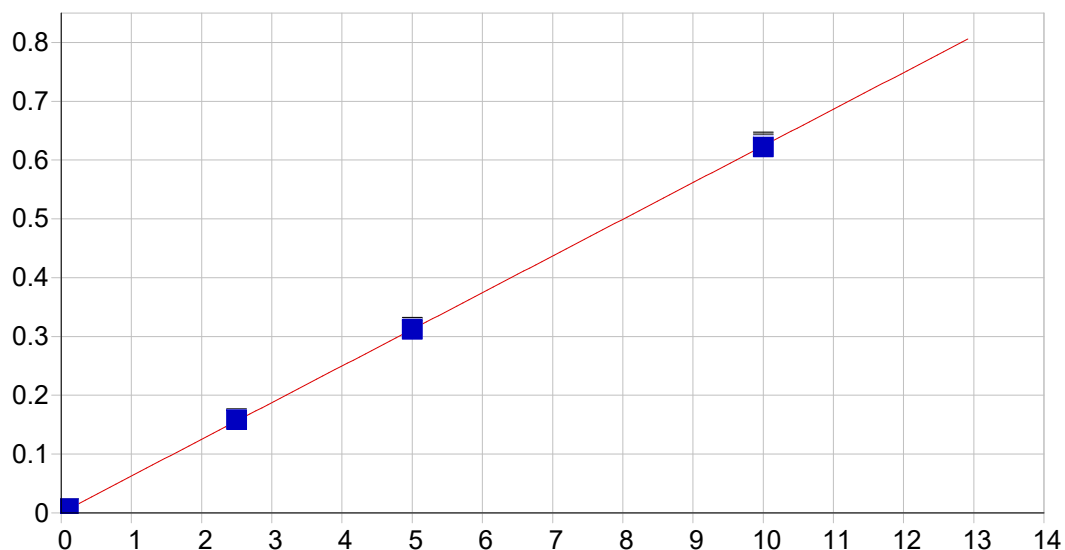
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00056	.000	1
S1	.03000	.03103	.001	3.42	.03526	.000	1
S3	1.2500	1.2439	-.006	-.487	1.3988	.004	1
S4	2.5000	2.4932	-.007	-.271	2.8031	.007	1
S5	5.0000	5.0119	.012	.237	5.6341	.014	1

**Cu 324.754 {104}**

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003776 Re-Slope: 1.000000
 A1 (Gain): 0.294488 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.002319
 Predicted MQL: 0.007731

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00378	.001	1
S1	.02000	.02165	.002	8.25	.01015	.001	1
S3	.62500	.63202	.007	1.12	.18893	.001	1
S4	1.2500	1.2489	-.001	-.087	.36963	.003	1
S5	2.5000	2.4924	-.008	-.303	.73390	.004	1

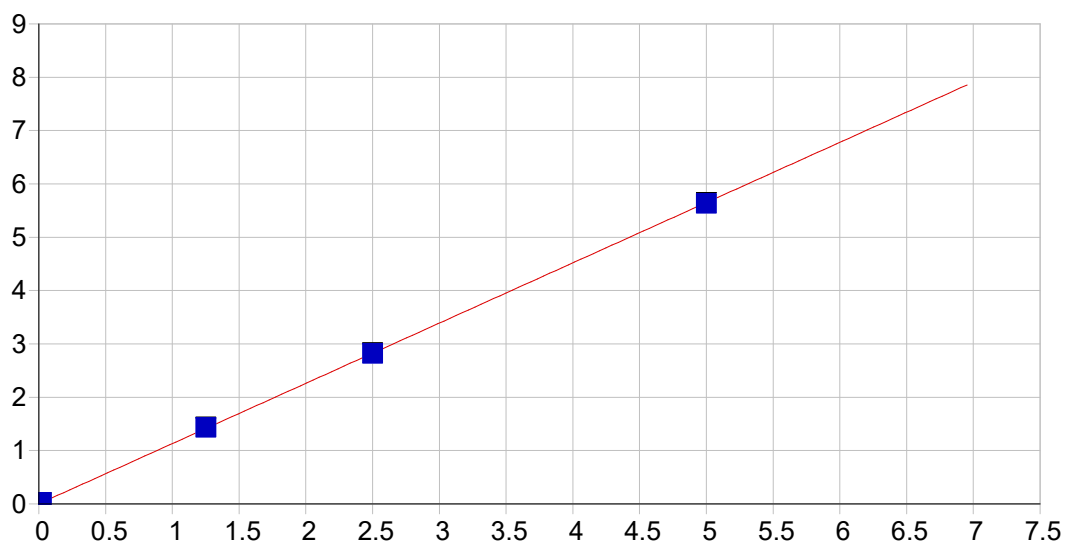


Fe 259.837 {130}

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000376 Re-Slope: 1.000000
 A1 (Gain): 0.062364 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.006110
 Predicted MQL: 0.020366

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00038	.000	1
S1	.10000	.10642	.006	6.42	.00703	.000	1
S3	2.5000	2.5340	.034	1.36	.15917	.001	1
S4	5.0000	4.9960	-.004	-.080	.31347	.002	1
S5	10.000	9.9636	-.036	-.364	.62479	.006	1

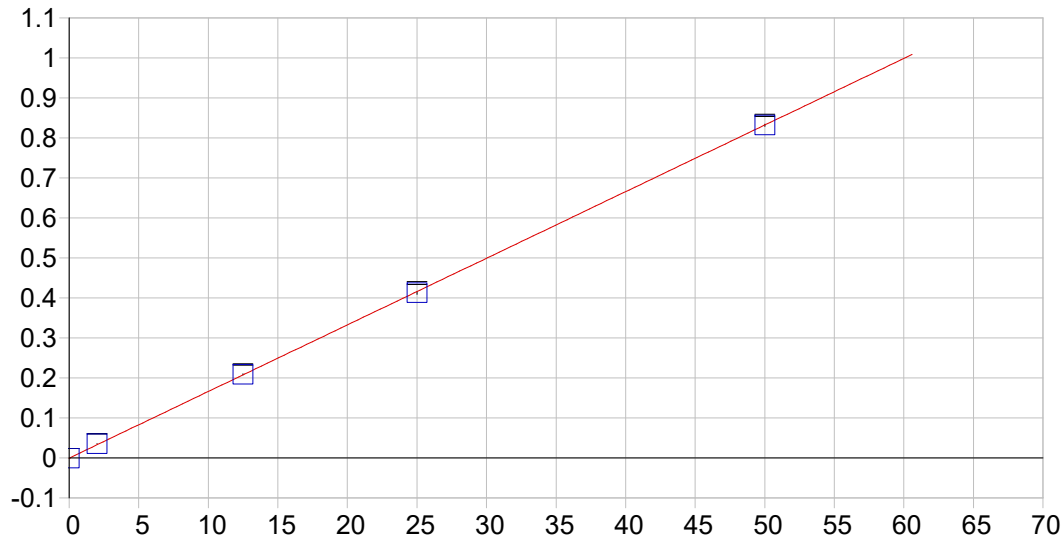


Mn 257.610 {131}

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000894 Re-Slope: 1.000000
 A1 (Gain): 1.129798 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000148
 Predicted MDL: 0.000339
 Predicted MQL: 0.001129

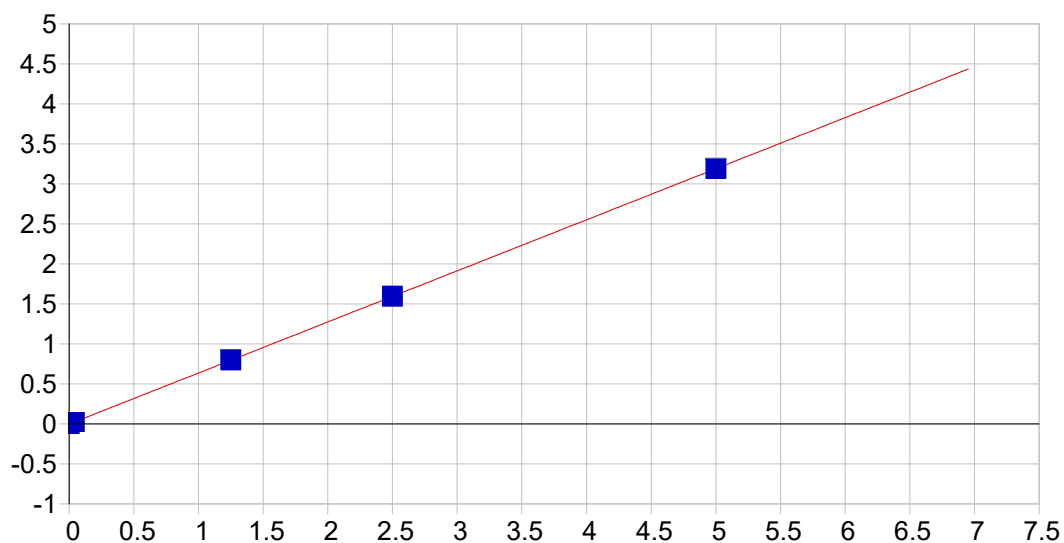
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00089	.000	1
S1	.02000	.02204	.002	10.2	.02580	.000	1
S3	1.2500	1.2677	.018	1.41	1.4334	.009	1
S4	2.5000	2.4969	-.003	-.124	2.8224	.013	1
S5	5.0000	4.9834	-.017	-.332	5.6321	.020	1

**Mg 279.079 {121}**

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000461 Re-Slope: 1.000000
 A1 (Gain): 0.016652 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: OK.
 Std Error of Est: 0.000118
 Predicted MDL: 0.024175
 Predicted MQL: 0.080582

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00016	-.000	.000	-.00046	.000	1
S2	2.0000	2.1619	.162	8.10	.03554	.000	1
S3	12.500	12.567	.067	.539	.20881	.001	1
S4	25.000	24.804	-.196	-.784	.41258	.003	1
S5	50.000	49.967	-.033	-.066	.83161	.003	1

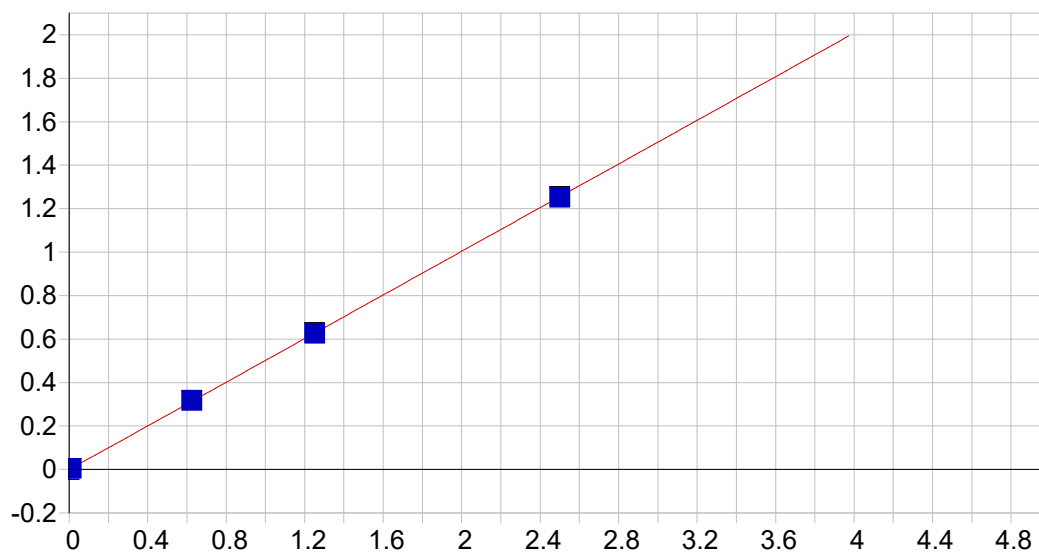


Ni 231.604 {446}

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001830 Re-Slope: 1.000000
 A1 (Gain): 0.638246 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.000497
 Predicted MQL: 0.001656

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00183	.000	1
S1	.04000	.04258	.003	6.44	.02537	.000	1
S3	1.2500	1.2505	.000	.038	.79704	.002	1
S4	2.5000	2.4981	-.002	-.075	1.5941	.003	1
S5	5.0000	4.9988	-.001	-.023	3.1917	.005	1

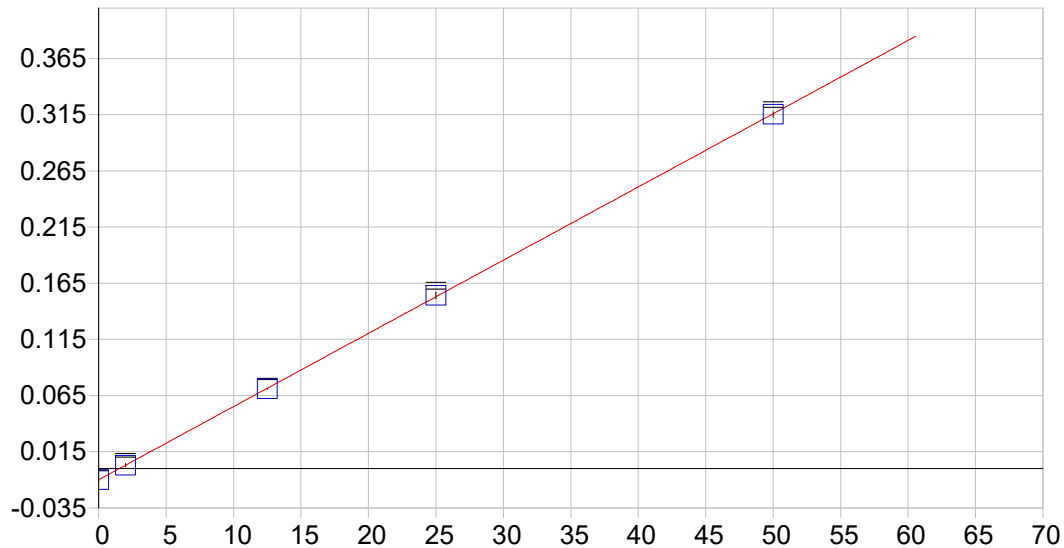


Ag 328.068 {103}

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000753 Re-Slope: 1.000000
 A1 (Gain): 0.502263 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.000448
 Predicted MQL: 0.001494

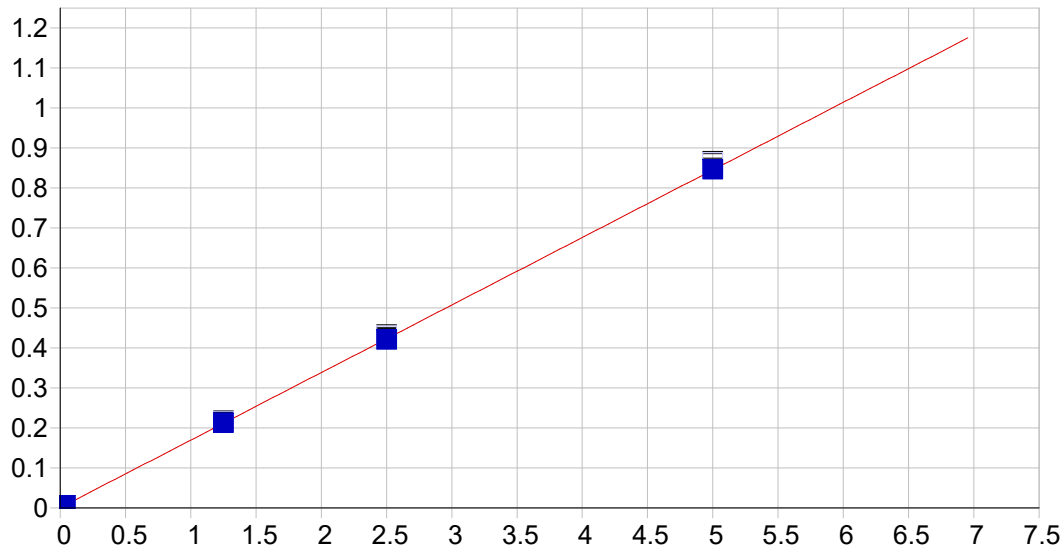
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00075	.000	1
S1	.01000	.01016	.000	1.58	.00434	.000	1
S3	.62500	.63258	.008	1.21	.31669	.001	1
S4	1.2500	1.2476	-.002	-.195	.62530	.003	1
S5	2.5000	2.4947	-.005	-.212	1.2511	.003	1

**Na 818.326 { 41}**

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.009985 Re-Slope: 1.000000
 A1 (Gain): 0.006518 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.295177
 Predicted MQL: 0.983924

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00999	.001	1
S2	2.0000	1.9954	-.005	-.231	.00302	.001	1
S3	12.500	12.431	-.069	-.556	.07104	.001	1
S4	25.000	25.162	.162	.648	.15403	.003	1
S5	50.000	49.912	-.088	-.176	.31536	.002	1

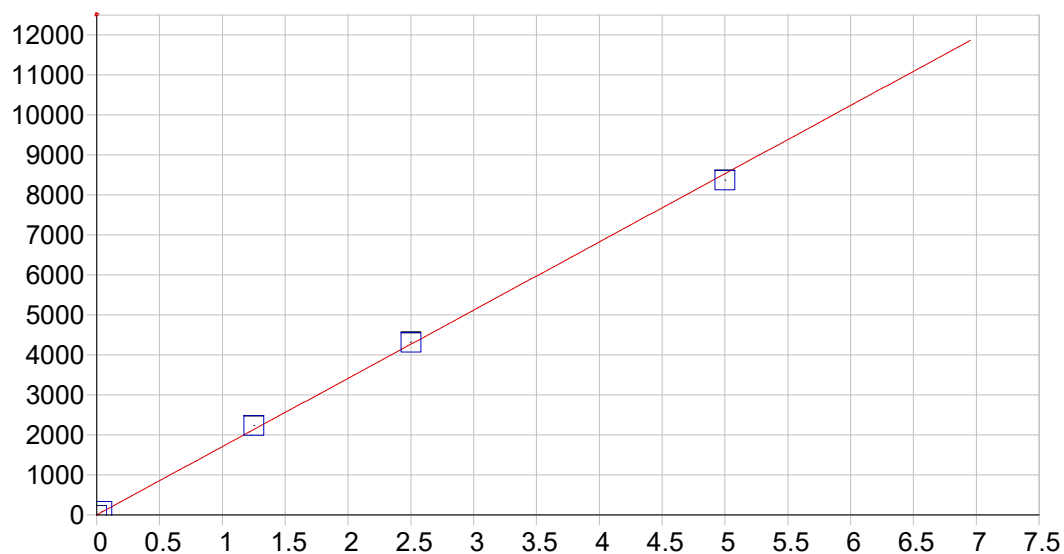


V 292.402 {115}

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000572 Re-Slope: 1.000000
 A1 (Gain): 0.168937 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.002774
 Predicted MQL: 0.009246

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00057	.000	1
S1	.04000	.03711	-.003	-7.24	.00718	.000	1
S3	1.2500	1.2548	.005	.382	.21676	.001	1
S4	2.5000	2.4891	-.011	-.435	.42949	.003	1
S5	5.0000	5.0091	.009	.182	.86362	.003	1

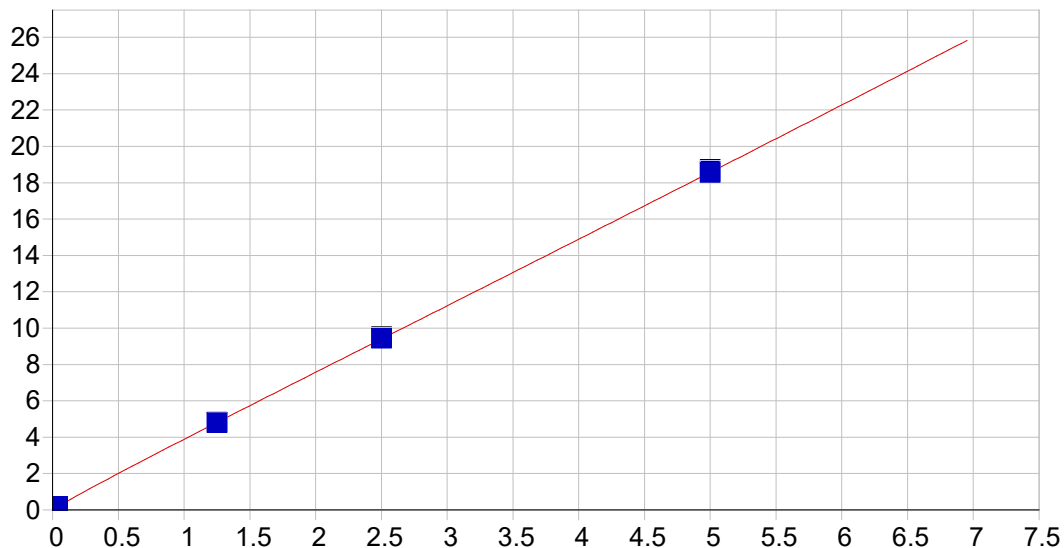


Zn 206.200 {464}

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2.157306 Re-Slope: 1.000000
A1 (Gain): 1706.171659 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999596 Status: OK.
Std Error of Est: 1.173887
Predicted MDL: 0.000314
Predicted MQL: 0.001047

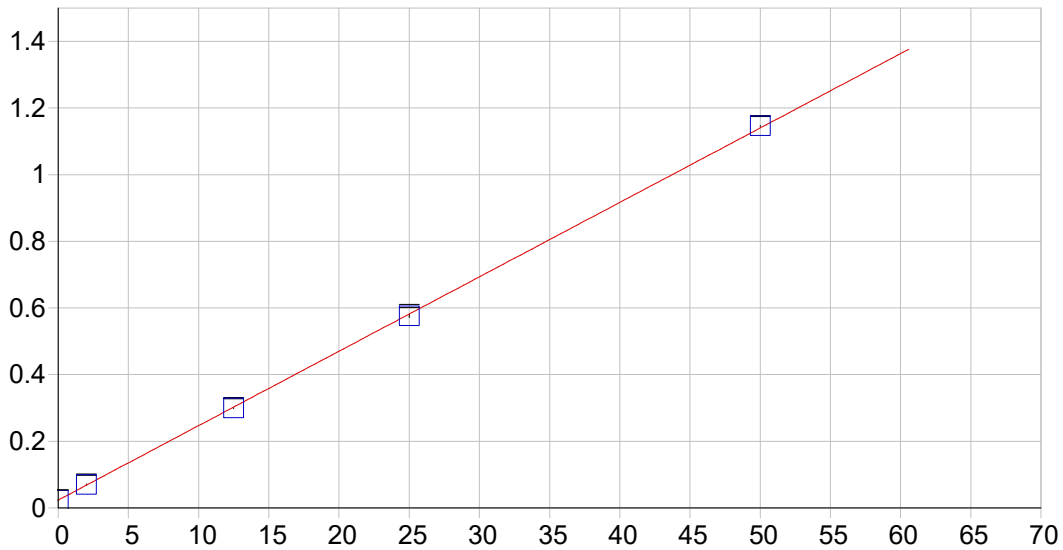
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	2.1386	.266	1
S1	.04000	.04941	.009	23.5	86.460	.278	1
S3	1.2500	1.3082	.058	4.66	2234.2	2.23	1
S4	2.5000	2.5286	.029	1.14	4316.3	14.0	1
S5	5.0000	4.9038	-.096	-1.92	8368.9	.403	1

**Zn 213.856 {158}**

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.005995 Re-Slope: 1.000000
A1 (Gain): 3.838947 Y-int: 0.000000
A2 (Curvature): 0.040226
n (Exponent): 0.950000
Correlation: 0.999997 Status: Warning Positive Curvature
Std Error of Est: 0.000399
Predicted MDL: 0.000312
Predicted MQL: 0.001039

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00599	.000	1
S1	.04000	.04045	.000	1.12	.18924	.003	1
S3	1.2500	1.2442	-.006	-.460	4.8187	.009	1
S4	2.5000	2.5078	.008	.313	9.4857	.039	1
S5	5.0000	4.9975	-.003	-.050	18.672	.060	1

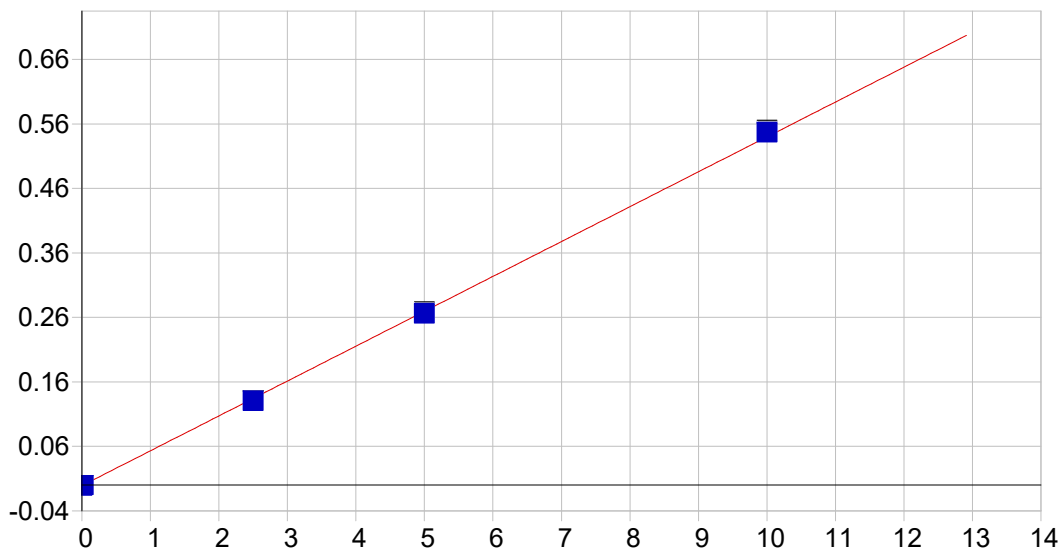


K 769.896 { 44}

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.023586 Re-Slope: 1.000000
 A1 (Gain): 0.022329 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950 Status: OK.
 Std Error of Est: 0.000122
 Predicted MDL: 0.081154
 Predicted MQL: 0.270513

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	-.000	.000	.02359	.001	1
S2	2.0000	2.0877	.088	4.39	.07020	.002	1
S3	12.500	12.375	-.125	-.997	.29992	.002	1
S4	25.000	24.761	-.239	-.957	.57647	.005	1
S5	50.000	50.276	.276	.552	1.1462	.001	1

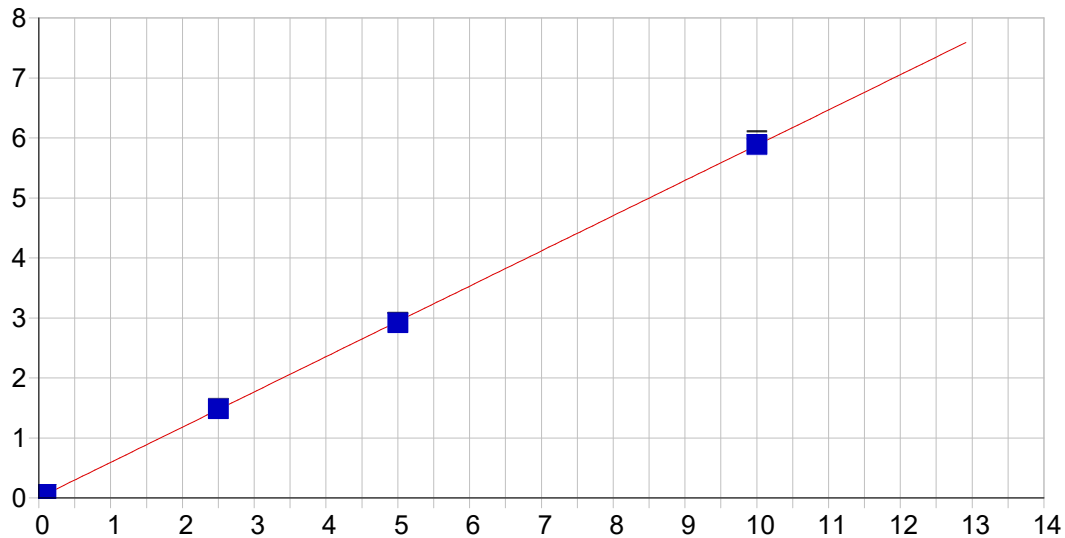


P 177.495 {490}

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000849 Re-Slope: 1.000000
 A1 (Gain): 0.054071 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.002783
 Predicted MQL: 0.009277

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00085	.000	1
S1	.02000	.02048	.000	2.41	.00027	.000	1
S3	2.5000	2.4281	-.072	-2.88	.13075	.000	1
S4	5.0000	4.9420	-.058	-1.16	.26699	.002	1
S5	10.000	10.129	.129	1.29	.54811	.002	1

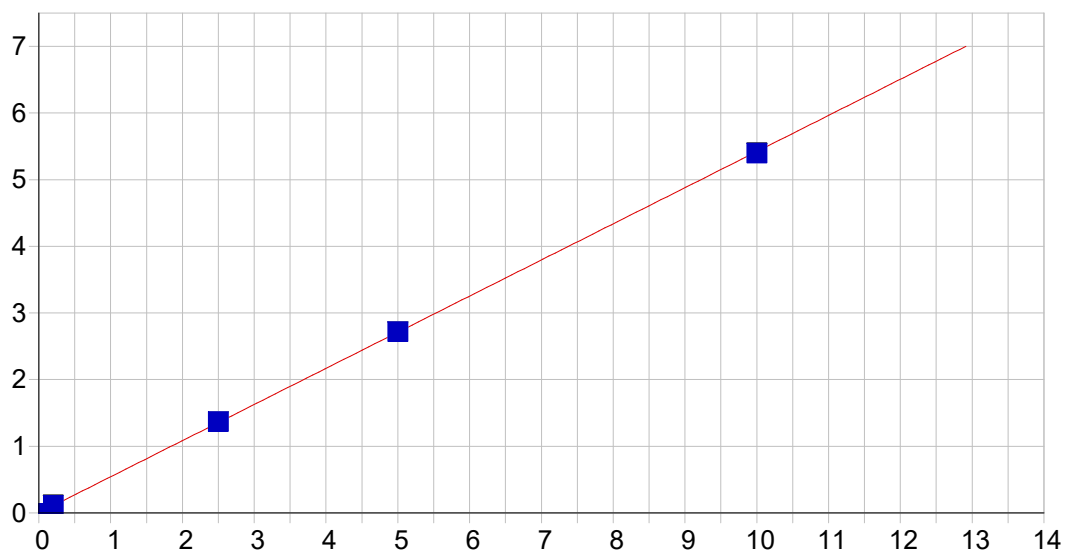


B 249.678 {135}

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004239 Re-Slope: 1.000000
 A1 (Gain): 0.587442 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000170
 Predicted MDL: 0.000932
 Predicted MQL: 0.003107

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00424	.001	1
S1	.10000	.10223	.002	2.23	.06407	.001	1
S3	2.5000	2.5190	.019	.762	1.4807	.008	1
S4	5.0000	4.9624	-.038	-.752	2.9127	.009	1
S5	10.000	10.016	.016	.163	5.8748	.062	1

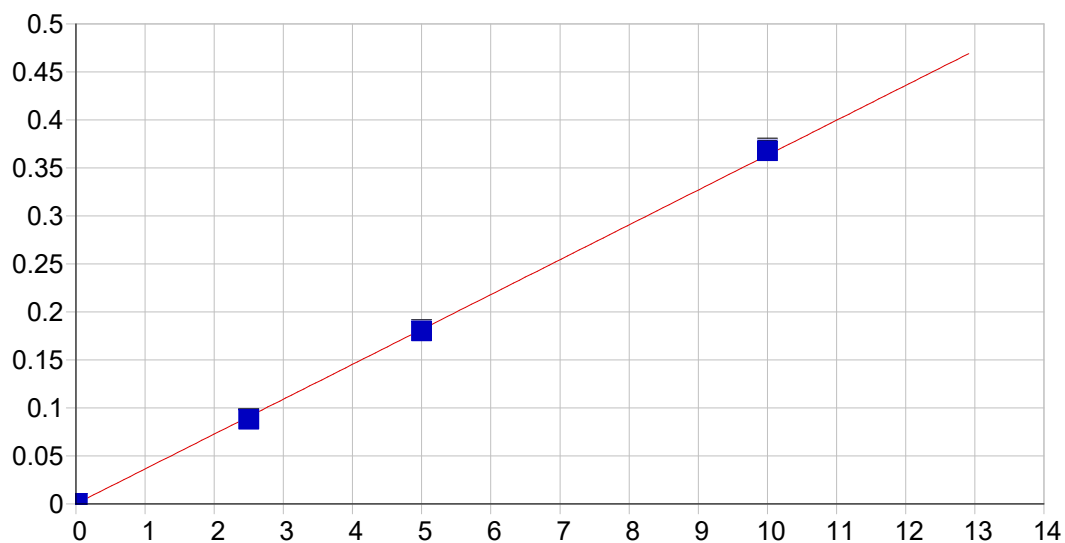


Mo 202.030 {467}

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000216 Re-Slope: 1.000000
 A1 (Gain): 0.542199 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000374
 Predicted MDL: 0.000404
 Predicted MQL: 0.001346

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00021	.000	1
S1	.20000	.21431	.014	7.15	.11642	.000	1
S3	2.5000	2.5211	.021	.843	1.3674	.002	1
S4	5.0000	5.0099	.010	.197	2.7172	.005	1
S5	10.000	9.9548	-.045	-.452	5.3989	.001	1

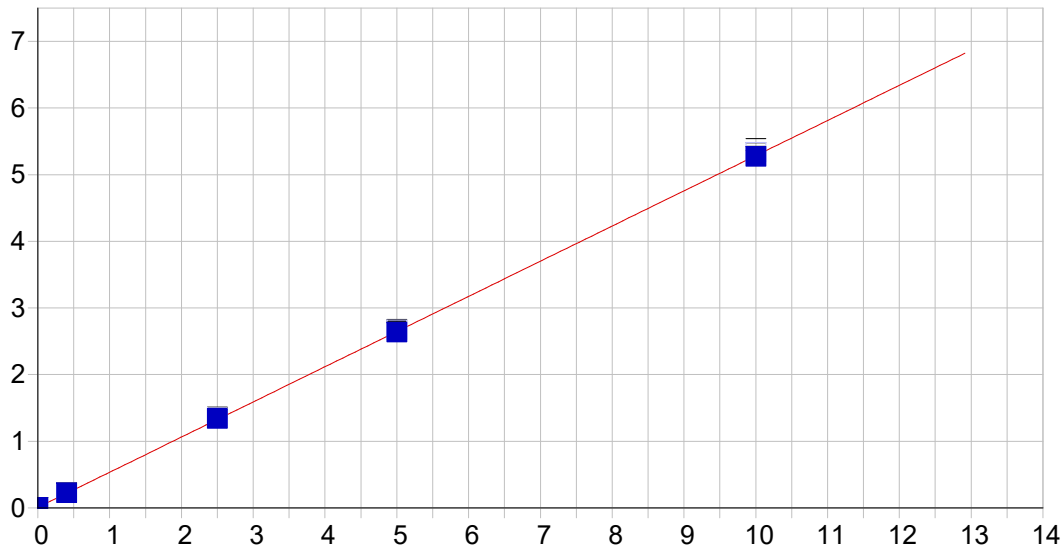


S 182.034 {485}

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000108 Re-Slope: 1.000000
 A1 (Gain): 0.036320 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.004581
 Predicted MQL: 0.015269

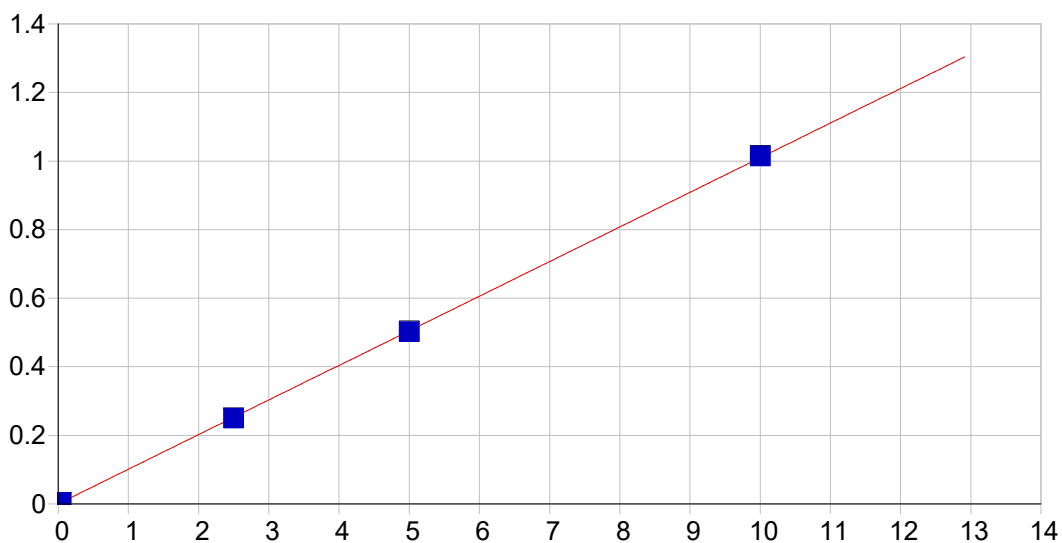
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.02000	.02157	.002	7.84	.00087	.000	1
S3	2.5000	2.4216	-.078	-3.14	.08849	.001	1
S4	5.0000	4.9567	-.043	-.865	.18099	.001	1
S5	10.000	10.120	.120	1.20	.36939	.001	1

**Si 251.611 {134}**

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007075 Re-Slope: 1.000000
 A1 (Gain): 0.527802 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000430
 Predicted MDL: 0.001058
 Predicted MQL: 0.003526

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00707	.001	1
S1	.40000	.41592	.016	3.98	.22761	.001	1
S3	2.5000	2.5251	.025	1.00	1.3553	.007	1
S4	5.0000	4.9840	-.016	-.320	2.6687	.009	1
S5	10.000	9.9751	-.025	-.249	5.3341	.059	1

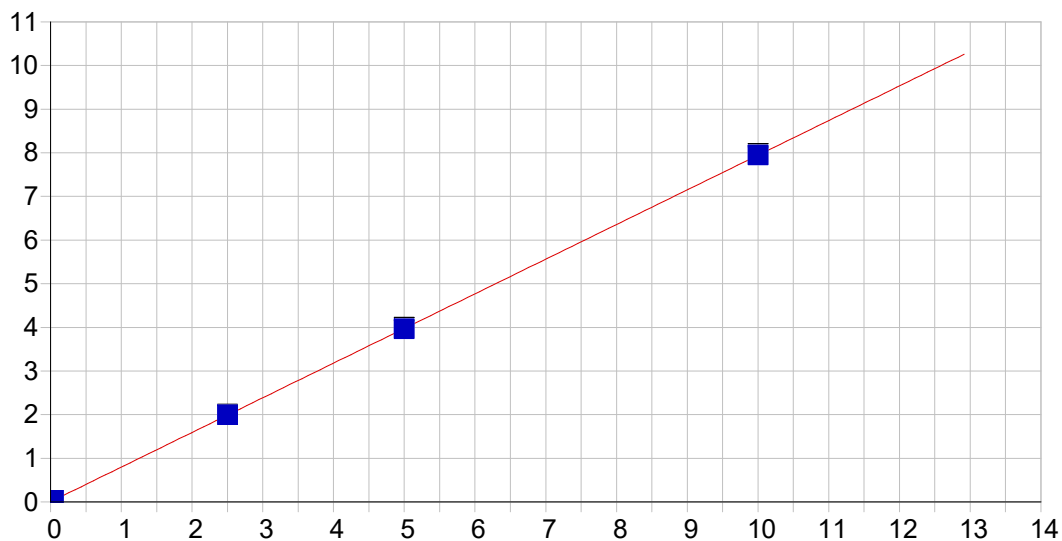


Sn 189.989 {478}

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000153 Re-Slope: 1.000000
 A1 (Gain): 0.100952 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.001426
 Predicted MQL: 0.004755

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.04000	.04033	.000	.814	.00423	.000	1
S3	2.5000	2.4728	-.027	-1.09	.24959	.001	1
S4	5.0000	4.9761	-.024	-.478	.50211	.002	1
S5	10.000	10.051	.051	.508	1.0140	.001	1

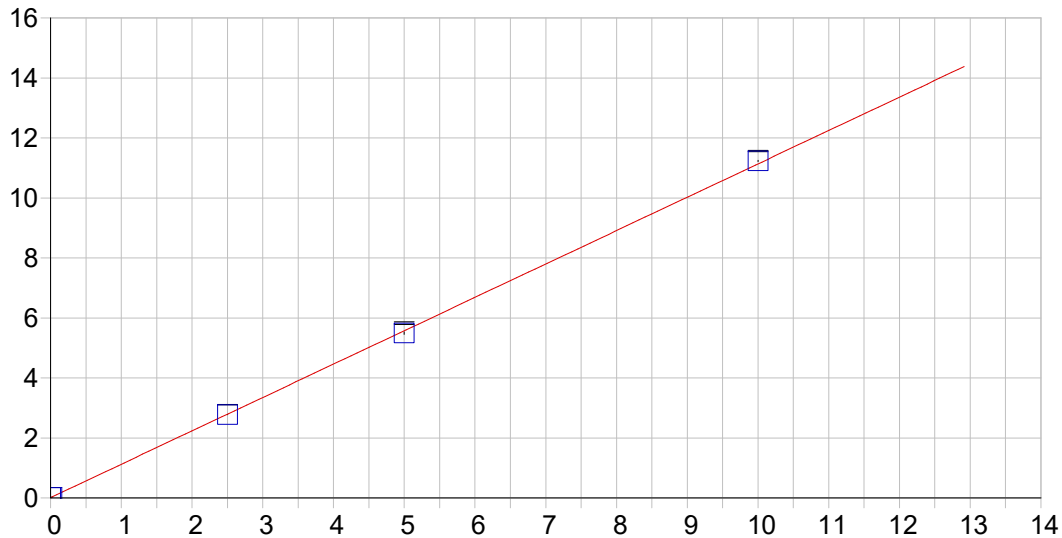


TI 336.121 {100}

Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003599 Re-Slope: 1.000000
 A1 (Gain): 0.794108 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.000977
 Predicted MQL: 0.003258

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00360	.001	1
S1	.04000	.04001	.000	.016	.03535	.001	1
S3	2.5000	2.5084	.008	.338	1.9949	.015	1
S4	5.0000	4.9877	-.012	-.247	3.9630	.037	1
S5	10.000	10.004	.004	.039	7.9451	.037	1

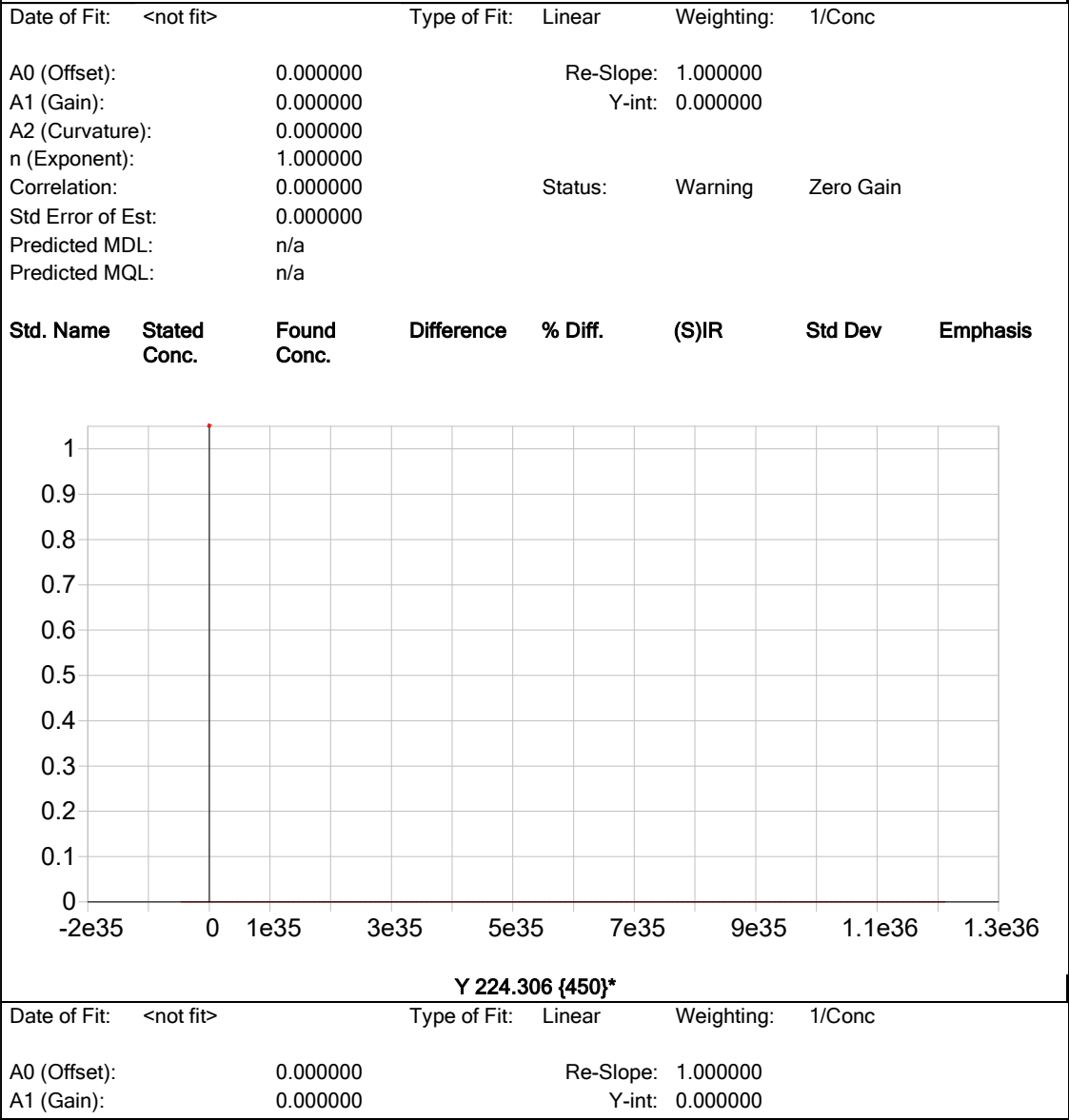
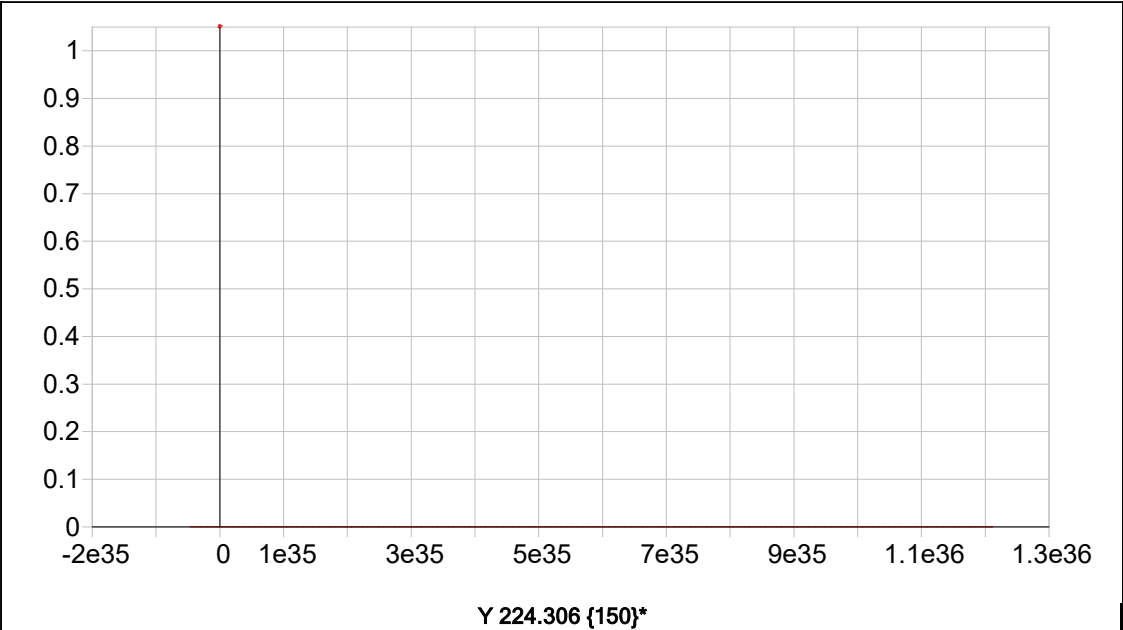


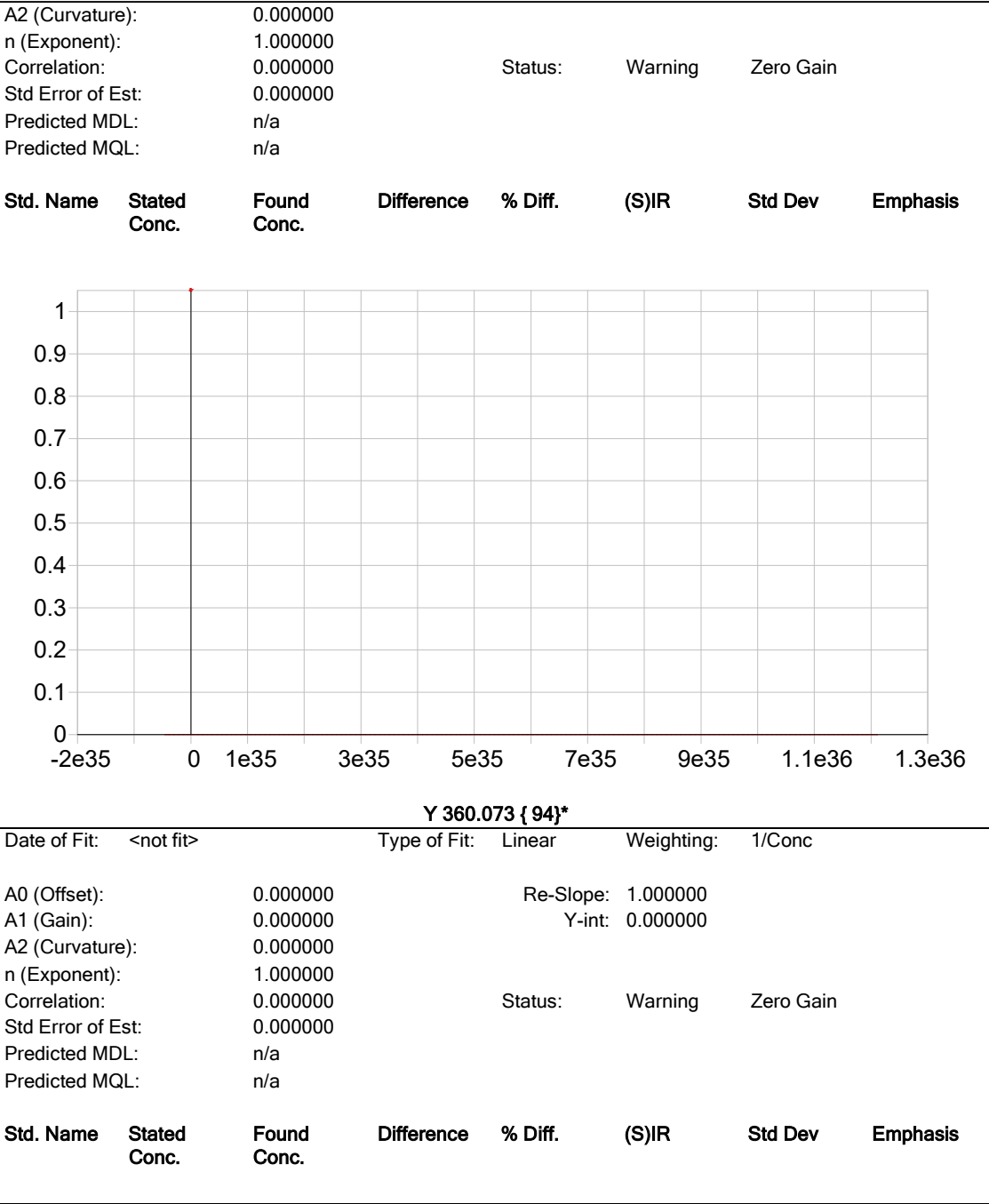
LI 670.784 { 50}

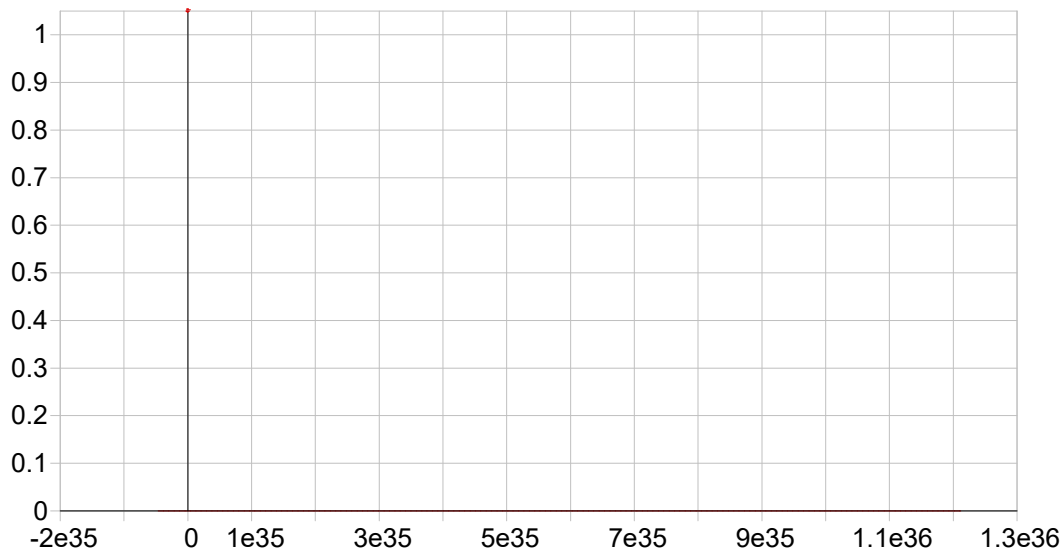
Date of Fit: 10/03/2019 14:59:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010173 Re-Slope: 1.000000
 A1 (Gain): 1.112464 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000286
 Predicted MDL: 0.001790
 Predicted MQL: 0.005967

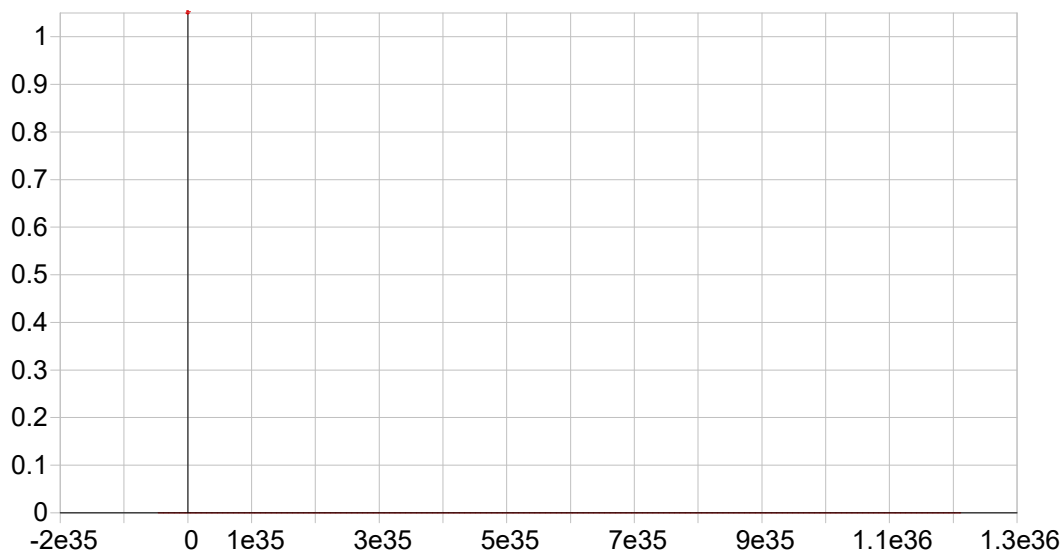
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01017	.002	1
S5	10.000	10.088	.088	.883	11.233	.023	1
S4	5.0000	4.9264	-.074	-1.47	5.4906	.043	1
S3	2.5000	2.4846	-.015	-.618	2.7742	.006	1
S1	.02000	.02079	.001	3.94	.03330	.004	1



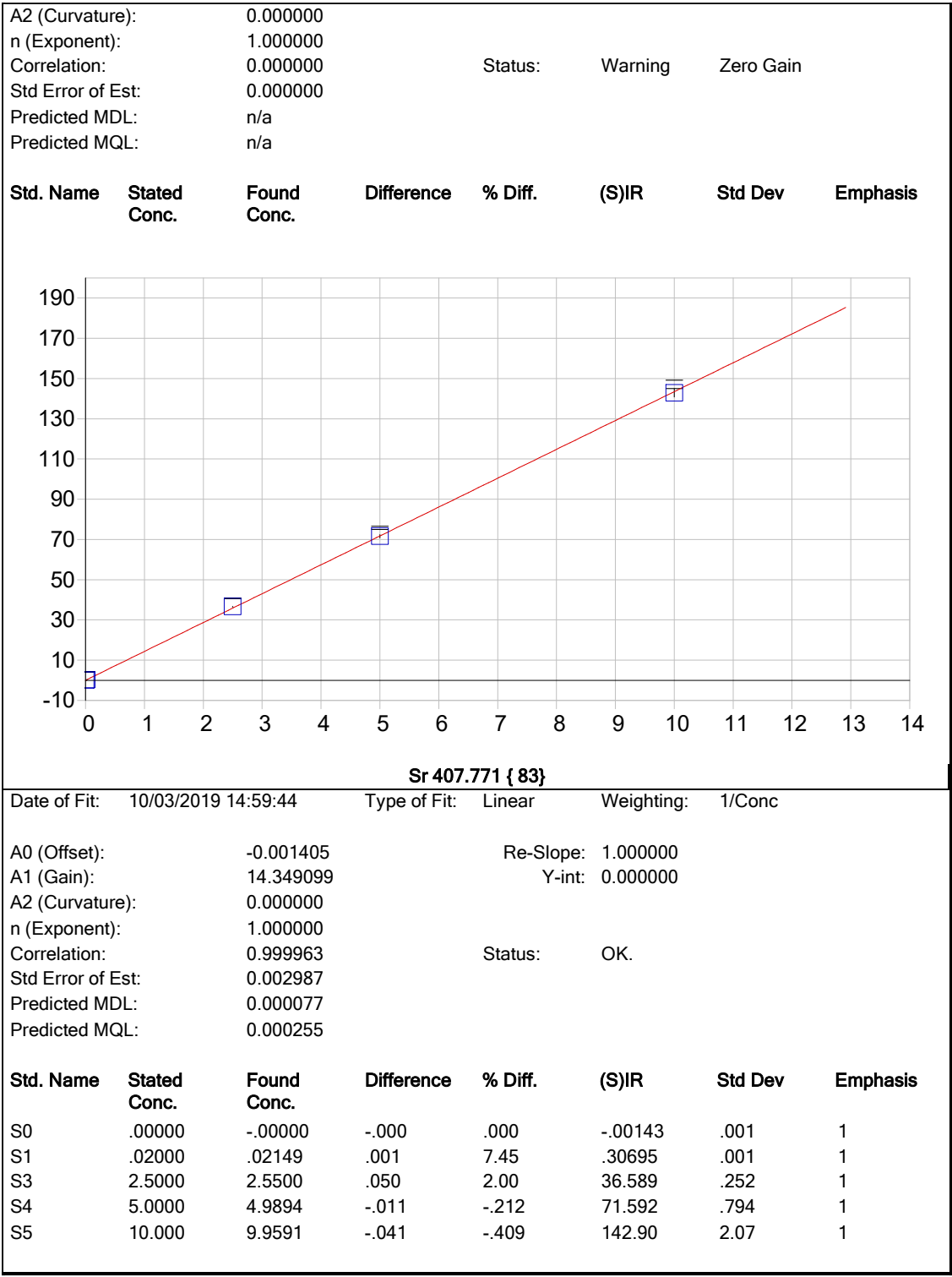




Y 371.030 { 91}*



In 230.606 {446}^{*}



Sample Name: S0 Acquired: 10/03/2019 14:13:40 Type: Cal
Method: NON EPA-6010-200.7(v168) 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	-.00012	-.00047	.00051	.00064	.00031	.00631	.00666	-.00093
Stddev	.00009	.00018	.00027	.00014	.00031	.00068	.00249	.00030
%RSD	73.633	37.955	52.381	22.022	100.06	10.776	37.379	32.637

#1	-.00021	-.00066	.00026	.00072	.00016	.00665	.00651	-.00103
#2	-.00012	-.00043	.00049	.00071	.00010	.00553	.00922	-.00059
#3	-.00003	-.00031	.00079	.00047	.00066	.00676	.00425	-.00117

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00030	.00174	-.00002	.00056	.00378	.00038	.00089	-.00046
Stddev	.00028	.00060	.00006	.00003	.00102	.00019	.00029	.00045
%RSD	93.265	34.335	268.81	5.7277	27.036	50.446	32.031	96.122

#1	.00027	.00157	.00002	.00058	.00478	.00020	.00094	-.00092
#2	.00004	.00240	.00001	.00052	.00380	.00058	.00059	-.00044
#3	.00059	.00124	-.00009	.00058	.00274	.00034	.00115	-.00003

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00183	-.00075	-.00999	.00057	.00599	.02359	-.00085	.00424
Stddev	.00031	.00009	.00084	.00031	.00050	.00111	.00006	.00055
%RSD	16.775	12.290	8.4365	53.413	8.3107	4.6898	7.5729	12.937

#1	-.00158	-.00068	-.00906	.00076	.00648	.02233	-.00078	.00472
#2	-.00174	-.00073	-.01070	.00074	.00548	.02402	-.00089	.00364
#3	-.00217	-.00086	-.01019	.00022	.00602	.02441	-.00088	.00435

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00021	.00011	.00707	.00015	.00360	.01017	-.00143	
Stddev	.00005	.00007	.00114	.00008	.00055	.00176	.00080	
%RSD	25.915	67.667	16.169	55.064	15.338	17.318	55.982	

#1	.00017	.00009	.00671	.00007	.00373	.00853	-.00115	
#2	.00027	.00004	.00834	.00016	.00408	.00996	-.00233	
#3	.00018	.00019	.00614	.00024	.00299	.01203	-.00081	

Sample Name: S0 Acquired: 10/03/2019 14:13:40 Type: Cal
Method: NON EPA-6010-200.7(v168) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1339.2	2505.5	30962.	5840.4	2601.2
Stddev	5.7	3.6	131.	21.0	4.1
%RSD	.42711	.14522	.42338	.35970	.15597
#1	1338.7	2503.9	31108.	5864.3	2601.0
#2	1345.1	2502.9	30855.	5825.2	2597.2
#3	1333.7	2509.7	30923.	5831.5	2605.3

Sample Name: S1 Acquired: 10/03/2019 14:17:30 Type: Cal
Method: NON EPA-6010-200.7(v168) 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	.00080	.00185	.00401	.00197	.00839	.01903	.42775	.03449
Stddev	.00011	.00016	.00029	.00024	.00037	.00040	.00310	.00050
%RSD	14.163	8.5526	7.2852	12.267	4.3928	2.1256	.72478	1.4633

#1	.00082	.00191	.00397	.00206	.00854	.01915	.42433	.03498
#2	.00067	.00167	.00432	.00216	.00866	.01857	.43038	.03397
#3	.00090	.00196	.00374	.00170	.00797	.01936	.42855	.03454

Elem	Cd2144	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02764	.00210	.03526	.01015	.00703	.02580	.02537	.00434
Stddev	.00014	.00009	.00026	.00059	.00033	.00048	.00026	.00019
%RSD	.50854	4.1329	.72456	5.8046	4.7344	1.8596	1.0264	4.4734

#1	.02750	.00200	.03547	.01072	.00736	.02551	.02507	.00445
#2	.02778	.00215	.03532	.01017	.00669	.02635	.02548	.00411
#3	.02764	.00216	.03498	.00954	.00705	.02554	.02555	.00445

Elem	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00718	.18924	.00027	.06407	.11642	.00087	.22761	.00423
Stddev	.00003	.00268	.00013	.00058	.00022	.00013	.00101	.00013
%RSD	.35251	1.4172	49.312	.91237	.18975	15.403	.44346	3.0530

#1	.00716	.18981	.00012	.06421	.11617	.00092	.22868	.00422
#2	.00721	.19160	.00037	.06342	.11658	.00098	.22668	.00410
#3	.00718	.18633	.00032	.06457	.11652	.00072	.22747	.00436

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.03535	.03330	.30695
Stddev	.00081	.00381	.00149
%RSD	2.2904	11.432	.48398

#1	.03493	.03689	.30557
#2	.03628	.03370	.30676
#3	.03483	.02931	.30853

Sample Name: S1 Acquired: 10/03/2019 14:17:30 Type: Cal
Method: NON EPA-6010-200.7(v168) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1344.4	2499.2	31088.	5840.7	2613.3
Stddev	12.1	3.0	165.	39.4	5.4
%RSD	.89951	.12103	.53005	.67380	.20805
#1	1336.6	2499.5	30920.	5795.2	2614.3
#2	1338.2	2502.0	31094.	5863.5	2618.2
#3	1358.3	2496.0	31249.	5863.3	2607.4

Sample Name: S2 Acquired: 10/03/2019 14:21:21 Type: Cal
Method: NON EPA-6010-200.7(v168) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na8183	K_7698
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.22107	.03554	.00302	.07020
Stddev	.00140	.00034	.00144	.00221
%RSD	.63189	.95025	47.729	3.1456

#1	.22070	.03518	.00469	.07050
#2	.21989	.03558	.00215	.06786
#3	.22261	.03586	.00223	.07225

Int. Std.	Y_3710
Units	Cts/S
Avg	5856.2
Stddev	57.2
%RSD	.97612

#1	5848.4
#2	5916.9
#3	5803.4

Sample Name: S3 Acquired: 10/03/2019 14:25:07 Type: Cal
Method: NON EPA-6010-200.7(v168) 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	.10251	.15218	.67689	.16227	.36754	.53884	20.674	.68701
Stddev	.00020	.00065	.00163	.00022	.00024	.00233	.080	.00290
%RSD	.19110	.42651	.24009	.13262	.06539	.43286	.38858	.42269

#1	.10255	.15275	.67857	.16217	.36726	.53658	20.622	.68679
#2	.10229	.15147	.67533	.16213	.36765	.53872	20.634	.69002
#3	.10268	.15231	.67677	.16252	.36771	.54124	20.767	.68423

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.3720	1.2984	.10314	1.3988	.18893	.15917	1.4334	.20881
Stddev	.0113	.0081	.00022	.0036	.00109	.00060	.0094	.00129
%RSD	.21045	.62491	.20865	.25804	.57652	.37950	.65387	.61711

#1	5.3710	1.2896	.10318	1.3982	.18768	.15852	1.4238	.20738
#2	5.3613	1.2998	.10333	1.3955	.18945	.15971	1.4337	.20920
#3	5.3838	1.3057	.10291	1.4026	.18967	.15929	1.4425	.20987

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.79704	.31669	.07104	.21676	4.8187	.29992	.13075	1.4807
Stddev	.00172	.00086	.00056	.00126	.0091	.00203	.00031	.0077
%RSD	.21593	.27087	.78913	.57965	.18801	.67559	.24079	.51825

#1	.79625	.31692	.07080	.21533	4.8160	.29767	.13068	1.4823
#2	.79586	.31741	.07168	.21724	4.8288	.30048	.13048	1.4874
#3	.79902	.31575	.07064	.21770	4.8113	.30160	.13110	1.4723

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.3674	.08849	1.3553	.24959	1.9949	2.7742	36.589	
Stddev	.0021	.00057	.0074	.00052	.0151	.0060	.252	
%RSD	.15608	.64767	.54622	.21001	.75509	.21591	.68962	

#1	1.3698	.08881	1.3576	.24958	1.9795	2.7785	36.298	
#2	1.3668	.08783	1.3614	.24906	1.9957	2.7673	36.722	
#3	1.3657	.08883	1.3471	.25011	2.0095	2.7767	36.747	

Sample Name: S3 Acquired: 10/03/2019 14:25:07 Type: Cal
Method: NON EPA-6010-200.7(v168) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1347.0	2512.2	31114.	5870.0	2581.9
Stddev	7.0	2.4	238.	44.9	2.8
%RSD	.51805	.09555	.76349	.76481	.10908
#1	1338.9	2509.7	30841.	5822.7	2580.9
#2	1350.7	2514.4	31224.	5875.4	2585.0
#3	1351.3	2512.6	31276.	5912.0	2579.7

Sample Name: S4 Acquired: 10/03/2019 14:28:43 Type: Cal
 Method: NON EPA-6010-200.7(v168) 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	.20479	.30670	1.3619	.32426	.72864	1.0647	40.441	1.3397
Stddev	.00108	.00043	.0013	.00089	.00179	.0095	.263	.0045
%RSD	.52856	.14121	.09776	.27495	.24520	.88809	.65105	.33594

#1	.20495	.30679	1.3608	.32351	.72920	1.0543	40.574	1.3372
#2	.20364	.30624	1.3615	.32402	.72664	1.0670	40.138	1.3449
#3	.20579	.30709	1.3634	.32525	.73008	1.0728	40.612	1.3371

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.745	2.5652	.20417	2.8031	.36963	.31347	2.8224	.41258
Stddev	.026	.0220	.00061	.0073	.00308	.00202	.0126	.00343
%RSD	.24269	.85757	.30022	.26214	.83247	.64436	.44698	.83055

#1	10.720	2.5407	.20426	2.7989	.36609	.31175	2.8081	.40884
#2	10.743	2.5720	.20472	2.7988	.37163	.31298	2.8269	.41336
#3	10.772	2.5831	.20351	2.8116	.37119	.31569	2.8322	.41556

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.5941	.62530	.15403	.42949	9.4857	.57647	.26699	2.9127
Stddev	.0029	.00308	.00309	.00345	.0386	.00467	.00161	.0086
%RSD	.17906	.49295	2.0065	.80253	.40679	.80939	.60118	.29646

#1	1.5921	.62778	.15058	.42597	9.5175	.57115	.26683	2.9048
#2	1.5929	.62185	.15655	.42965	9.4428	.57844	.26547	2.9219
#3	1.5974	.62628	.15495	.43286	9.4967	.57983	.26867	2.9113

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7172	.18099	2.6687	.50211	3.9630	5.4906	71.592
Stddev	.0054	.00073	.0092	.00160	.0372	.0435	.793
%RSD	.19874	.40517	.34299	.31789	.93752	.79152	1.1084

#1	2.7159	.18021	2.6591	.50206	3.9202	5.4421	70.967
#2	2.7125	.18110	2.6773	.50053	3.9824	5.5040	72.485
#3	2.7231	.18167	2.6697	.50372	3.9864	5.5258	71.324

Sample Name: S4 Acquired: 10/03/2019 14:28:43 Type: Cal
Method: NON EPA-6010-200.7(v168) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1325.2	2471.0	30757.	5897.5	2503.1
Stddev	11.9	4.1	175.	22.0	3.1
%RSD	.89858	.16733	.56982	.37274	.12358
#1	1318.2	2466.2	30674.	5900.1	2499.5
#2	1338.9	2473.0	30959.	5918.1	2505.0
#3	1318.5	2473.7	30639.	5874.4	2504.8

Sample Name: S5 Acquired: 10/03/2019 14:32:30 Type: Cal
Method: NON EPA-6010-200.7(v168) 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	.40915	.61183	2.7340	.63472	1.4528	2.1330	82.057	2.6690
Stddev	.00071	.00233	.0051	.00079	.0006	.0073	1.234	.0314
%RSD	.17378	.38156	.18529	.12474	.04311	.34061	1.5033	1.1746

#1	.40886	.61262	2.7363	.63560	1.4534	2.1250	81.128	2.6945
#2	.40995	.60920	2.7282	.63450	1.4528	2.1390	81.586	2.6340
#3	.40862	.61367	2.7376	.63406	1.4521	2.1351	83.457	2.6785

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	21.412	5.1395	.40237	5.6341	.73390	.62479	5.6321	.83161
Stddev	.040	.0064	.00070	.0140	.00372	.00578	.0197	.00315
%RSD	.18447	.12376	.17441	.24816	.50621	.92464	.34992	.37915

#1	21.436	5.1327	.40163	5.6430	.73107	.61916	5.6176	.82801
#2	21.366	5.1453	.40245	5.6180	.73811	.63071	5.6546	.83390
#3	21.434	5.1405	.40303	5.6413	.73253	.62451	5.6242	.83291

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.1917	1.2511	.31536	.86362	18.672	1.1462	.54811	5.8748
Stddev	.0050	.0033	.00242	.00290	.060	.0015	.00212	.0623
%RSD	.15778	.26661	.76664	.33611	.32284	.13060	.38704	1.0605

#1	3.1940	1.2492	.31710	.86197	18.714	1.1445	.54751	5.9238
#2	3.1859	1.2492	.31637	.86697	18.603	1.1467	.54635	5.8047
#3	3.1952	1.2550	.31260	.86191	18.698	1.1474	.55046	5.8960

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	5.3989	.36939	5.3341	1.0140	7.9451	11.233	142.90	
Stddev	.0009	.00143	.0593	.0007	.0369	.023	2.07	
%RSD	.01638	.38787	1.1119	.07191	.46504	.20885	1.4513	

#1	5.3992	.37054	5.3628	1.0147	7.9092	11.247	144.82	
#2	5.3979	.36778	5.2659	1.0133	7.9830	11.206	140.70	
#3	5.3995	.36984	5.3736	1.0141	7.9429	11.246	143.18	

Sample Name: S5 Acquired: 10/03/2019 14:32:30 Type: Cal
Method: NON EPA-6010-200.7(v168) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1312.3	2442.5	30655.	5836.7	2430.2
Stddev	6.3	1.9	81.	53.7	5.5
%RSD	.48063	.07810	.26279	.92082	.22674
#1	1305.6	2441.7	30726.	5783.3	2428.0
#2	1313.1	2444.6	30568.	5890.8	2436.5
#3	1318.1	2441.1	30670.	5835.9	2426.2

Sample Name: ICV01 Acquired: 10/03/2019 14:36:17 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.036948	1.039391	1.029503	1.029510	1.033313	2.638766
Stddev	.001060	.006772	.001358	.004433	.002808	.020890
%RSD	.1022600	.6515197	.1319420	.4305818	.2717194	.7916745
#1	1.036555	1.046348	1.031062	1.031328	1.030373	2.615509
#2	1.036140	1.039005	1.028874	1.032745	1.035966	2.644852
#3	1.038149	1.032821	1.028573	1.024458	1.033601	2.655938
Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5207257	.5163623	.5127398	10.47036	.5217374	.5118855
Stddev	.0034373	.0046269	.0004939	.07599	.0018841	.0008882
%RSD	.6600979	.8960503	.0963232	.7257708	.3611108	.1735126
#1	.5225382	.5163417	.5124620	10.45315	.5195937	.5109606
#2	.5167614	.5117457	.5133100	10.40446	.5231304	.5119641
#3	.5228773	.5209994	.5124473	10.55349	.5224881	.5127318
Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5285963	5.404030	.5225113	6.158527	.5186101	.5165065
Stddev	.0086111	.033218	.0042920	.021617	.0007449	.0024037
%RSD	1.629050	.6146973	.8214163	.3510156	.1436440	.4653809
#1	.5194550	5.380665	.5224937	6.167513	.5183000	.5173739
#2	.5297792	5.389369	.5182281	6.133866	.5194600	.5137895
#3	.5365549	5.442057	.5268120	6.174202	.5180702	.5183561
Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.29903	.4869545	1.053393	10.17978	F .0014643	2.620163
Stddev	.13549	.0031541	.003396	.17252	.0029147	.025125
%RSD	1.315596	.6477116	.3224097	1.694716	199.0472	.9589041
#1	10.15477	.4857486	1.056950	9.99565	-.000752	2.620721
#2	10.31874	.4845813	1.053046	10.20601	.000379	2.594764
#3	10.42360	.4905336	1.050184	10.33768	.004766	2.645004

Sample Name: ICV01 Acquired: 10/03/2019 14:36:17 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.631191	F .0110538	2.585567	2.551621	2.570415	W .0088690
Stddev	.008453	.0013066	.017746	.007147	.015208	.0002057
%RSD	.3212589	11.81997	.6863394	.2800883	.5916395	2.318788

#1	2.622087	.0115643	2.582367	2.543787	2.559312	.0089163
#2	2.632694	.0120280	2.569639	2.553289	2.564185	.0086438
#3	2.638791	.0095691	2.604695	2.557786	2.587748	.0090468

Elem	Sr4077
Units	ppm
Avg	F .3591145
Stddev	.0021050
%RSD	.5861651

#1	.3571171
#2	.3589137
#3	.3613128

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1340.198	2515.212	31189.11	5902.911	2602.262
Stddev	9.460	6.404	228.07	66.898	7.424
%RSD	.7058830	.2545949	.7312492	1.133312	.2852894

#1	1329.351	2519.677	30929.35	5853.038	2604.639
#2	1346.745	2507.875	31356.55	5978.934	2593.941
#3	1344.497	2518.083	31281.43	5876.760	2608.207

Sample Name: LLICV01 Acquired: 10/03/2019 14:56:09 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217551	.0402591	.0125589	.0193121	.0541665	.1160909	.1020796
Stddev	.0051830	.0022547	.0016650	.0022940	.0028231	.0133604	.0005625
%RSD	23.82453	5.600447	13.25743	11.87857	5.211847	11.50859	.5509965

#1	.0164317	.0412484	.0137998	.0170053	.0574153	.1076349	.1022354
#2	.0267853	.0418499	.0106667	.0193377	.0523097	.1314935	.1014556
#3	.0220483	.0376789	.0132102	.0215931	.0527746	.1091442	.1025477

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064627	.0062926	2.108272	.0107564	.0310057	.0224434	.1024490
Stddev	.0000267	.0000071	.020528	.0002752	.0003650	.0001518	.0017038
%RSD	.4126727	.1123140	.9736941	2.558273	1.177283	.6761539	1.663041

#1	.0064723	.0062929	2.109196	.0108865	.0306615	.0223614	.1010765
#2	.0064833	.0062855	2.087298	.0109425	.0309672	.0223503	.1019146
#3	.0064326	.0062996	2.128323	.0104403	.0313885	.0226185	.1043559

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215937	2.097485	.0423503	.0101646	1.898753	.0373997	.0479571
Stddev	.0002142	.025575	.0004872	.0001855	.141159	.0018465	.0004073
%RSD	.9918484	1.219299	1.150353	1.824832	7.434297	4.937164	.8493152

#1	.0215303	2.076130	.0422672	.0101879	1.929958	.0365374	.0481176
#2	.0214183	2.090498	.0428736	.0103373	2.021699	.0395196	.0482596
#3	.0218324	2.125827	.0419100	.0099685	1.744603	.0361421	.0474939

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.961470	.0186411	.1015456	.2121222	.0227219	.4536876	.0403698
Stddev	.081137	.0011769	.0014888	.0002651	.0029146	.0063274	.0002680
%RSD	4.136552	6.313594	1.466184	.1249728	12.82739	1.394659	.6638187

#1	2.024020	.0179197	.1021821	.2122345	.0193574	.4594083	.0405419
#2	1.869789	.0199992	.0998443	.2118194	.0244746	.4468914	.0400610
#3	1.990601	.0180044	.1026104	.2123126	.0243337	.4547632	.0405064

Sample Name: LLICV01 Acquired: 10/03/2019 14:56:09 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0393893	.0192385	.0212609
Stddev	.0002569	.0014580	.0001848
%RSD	.6522605	7.578614	.8694281

#1	.0395429	.0207509	.0210719
#2	.0395323	.0178417	.0212695
#3	.0390927	.0191230	.0214413

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1350.905	2506.733	31284.05	5920.107	2617.037
Stddev	3.622	4.968	49.71	56.143	.233
%RSD	.2681376	.1981744	.1588952	.9483522	.0089148

#1	1352.930	2501.161	31229.95	5872.908	2617.038
#2	1346.723	2508.338	31294.51	5982.194	2617.270
#3	1353.062	2510.700	31327.71	5905.219	2616.804

Sample Name: ICB01 Acquired: 10/03/2019 15:00:44 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024885	-.000026	.0014095	-.000483	-.001089	.0075936	-.000428
Stddev	.0076473	.000832	.0005465	.002900	.000108	.0034816	.000227
%RSD	307.3082	3230.886	38.77436	600.3809	9.917495	45.84947	53.01897

#1	.0016429	.000805	.0019425	-.003762	-.001176	.0088076	-.000564
#2	.0105235	-.000860	.0014357	.001745	-.001122	.0103057	-.000166
#3	-.004701	-.000022	.0008504	.000568	-.000968	.0036675	-.000555

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000060	-.000044	-.001380	-.000019	-.000224	.0010658	-.005191
Stddev	.000092	.000044	.001899	.000137	.000103	.0002432	.001755
%RSD	154.2107	99.59147	137.6401	729.8553	46.02553	22.82108	33.80291

#1	-.000124	.000004	-.000247	-.000170	-.000284	.0010091	-.007057
#2	.000046	-.000082	-.003572	.000098	-.000105	.0013324	-.003574
#3	-.000100	-.000054	-.000320	.000016	-.000282	.0008560	-.004943

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000258	.0206775	-.000130	-.000144	-.343376	-.001726	-.000298
Stddev	.000139	.0050773	.000444	.000176	.258880	.000573	.000177
%RSD	53.94927	24.55452	341.7007	122.0683	75.39255	33.21344	59.44626

#1	-.000285	.0154216	.000219	-.000346	-.440445	-.002383	-.000503
#2	-.000383	.0210560	.000021	-.000028	-.539694	-.001465	-.000203
#3	-.000108	.0255549	-.000630	-.000057	-.049991	-.001329	-.000188

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022192	-.000052	-.001724	-.000039	.0018522	-.002645	.0013354
Stddev	.0302981	.000892	.001015	.000262	.0047292	.001034	.0009631
%RSD	1365.257	1710.547	58.89821	665.8737	255.3248	39.09128	72.11787

#1	-.018595	.000246	-.000630	.000261	.0045004	-.003285	.0002237
#2	-.011726	-.001055	-.002635	-.000157	.0046640	-.001452	.0018678
#3	.036979	.000652	-.001905	-.000223	-.003608	-.003199	.0019147

Sample Name: ICB01 Acquired: 10/03/2019 15:00:44 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008153	-.000493	.0000184
Stddev	.0007696	.001722	.0000650
%RSD	94.39260	349.1726	353.2337

#1	.0017006	-.002242	-.000055
#2	.0004402	.001200	.000068
#3	.0003052	-.000438	.000043

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1338.981	2500.971	31024.99	5875.458	2597.612
Stddev	7.359	15.216	228.30	20.849	10.826
%RSD	.5495948	.6083920	.7358597	.3548476	.4167627

#1	1330.514	2514.104	30836.50	5893.635	2604.974
#2	1342.596	2484.297	30959.63	5852.699	2585.182
#3	1343.833	2504.513	31278.84	5880.039	2602.681

Sample Name: CRI01 Acquired: 10/03/2019 15:04:37 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0230459	.0401379	.0120464	.0192513	.0536143	.1185417	.1016511
Stddev	.0022171	.0025467	.0006068	.0016242	.0013984	.0063175	.0012848
%RSD	9.620450	6.344827	5.037545	8.436998	2.608279	5.329315	1.263976

#1	.0241611	.0422640	.0118873	.0192200	.0530848	.1249320	.1007492
#2	.0244841	.0373155	.0115349	.0208909	.0525580	.1183935	.1010818
#3	.0204926	.0408343	.0127169	.0176429	.0552002	.1122997	.1031222

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064618	.0062353	2.111070	.0101256	.0307620	.0215644	.1024106
Stddev	.0000980	.0000522	.004664	.0007545	.0002095	.0006356	.0058294
%RSD	1.516472	.8371082	.2209190	7.451662	.6810791	2.947217	5.692175

#1	.0065749	.0061751	2.105868	.0106219	.0307225	.0218910	.0990331
#2	.0064089	.0062683	2.112464	.0104975	.0305750	.0208320	.1091418
#3	.0064017	.0062625	2.114878	.0092573	.0309884	.0219704	.0990570

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221621	2.090705	.0426414	.0104169	2.081034	.0369186	.0478603
Stddev	.0004624	.031391	.0005418	.0001402	.099059	.0022557	.0001191
%RSD	2.086588	1.501438	1.270481	1.346027	4.760087	6.109886	.2488297

#1	.0225640	2.117989	.0429651	.0102770	2.043487	.0350635	.0477712
#2	.0216567	2.056397	.0420160	.0105574	2.006237	.0394295	.0478141
#3	.0222656	2.097729	.0429432	.0104164	2.193377	.0362627	.0479955

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.073078	.0199884	.0993714	.2118691	.0263414	.4479946	.0388701
Stddev	.033020	.0018443	.0013101	.0006033	.0021648	.0056383	.0006888
%RSD	1.592777	9.226805	1.318367	.2847595	8.218284	1.258559	1.771934

#1	2.047760	.0188105	.1007569	.2112296	.0288301	.4543223	.0396387
#2	2.061047	.0190409	.0981527	.2119495	.0248944	.4461576	.0386627
#3	2.110426	.0221139	.0992047	.2124281	.0252996	.4435040	.0383088

Sample Name: CRI01 Acquired: 10/03/2019 15:04:37 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0402236	.0181116	.0211352
Stddev	.0003988	.0010267	.0001402
%RSD	.9915169	5.668962	.6631854

#1	.0405630	.0192888	.0210474
#2	.0397843	.0176446	.0210612
#3	.0403235	.0174014	.0212968

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1334.182	2518.112	30801.30	5903.702	2629.927
Stddev	5.681	7.724	201.27	58.083	4.543
%RSD	.4258403	.3067315	.6534416	.9838430	.1727259

#1	1338.664	2526.610	30766.53	5838.114	2635.165
#2	1336.089	2511.519	31017.69	5948.633	2627.074
#3	1327.792	2516.207	30619.68	5924.359	2627.541

Sample Name: ICSA01 Acquired: 10/03/2019 15:08:30 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124866	-.011264	.0018779	.0110252	.0020600	267.8239
Stddev	.0009819	.004652	.0010264	.0029135	.0016633	1.8659
%RSD	7.863561	41.29792	54.65903	26.42570	80.74106	.6966727

#1	.0115659	-.016540	.0026713	.0125718	.0009107	265.8016
#2	.0123739	-.009504	.0007186	.0128393	.0013020	268.1915
#3	.0135200	-.007750	.0022437	.0076645	.0039673	269.4786

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063313	.0013679	-.001115	252.8869	.0538689	-.000000
Stddev	.0004200	.0001300	.000039	.6543	.0004068	.000293
%RSD	6.633564	9.500973	3.498281	.2587266	.7551214	121546.8

#1	.0067860	.0013584	-.001071	252.2136	.0538139	-.000146
#2	.0062501	.0015024	-.001146	252.9267	.0534924	-.000192
#3	.0059579	.0012430	-.001127	253.5203	.0543003	.000337

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160227	102.8744	.0112908	264.9937	.0041744	.0007863
Stddev	.0036274	.4596	.0002898	1.3813	.0001208	.0003292
%RSD	22.63939	.4467521	2.566250	.5212454	2.893233	41.86411

#1	.0143372	102.3439	.0113985	263.3988	.0043099	.0011581
#2	.0201863	103.1288	.0109626	265.8037	.0040780	.0006692
#3	.0135447	103.1506	.0115112	265.7786	.0041353	.0005318

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0711361	.0021524	.0007941	-.136513	-.008001	-.061450
Stddev	.3056100	.0002740	.0002657	.036123	.002816	.002930
%RSD	429.6130	12.72888	33.46046	26.46091	35.19882	4.768453

#1	.3834004	.0019676	.0005475	-.095839	-.006431	-.064626
#2	-.227354	.0020224	.0007593	-.148844	-.006320	-.060872
#3	.057362	.0024672	.0010754	-.164855	-.011252	-.058852

Sample Name: ICSA01 Acquired: 10/03/2019 15:08:30 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005893	-.002994	-.002067	-.002090	.0000487	W .0040914
Stddev	.0005565	.002037	.001054	.002217	.0012536	.0015112
%RSD	94.44030	68.03627	50.98448	106.0883	2573.599	36.93478

#1	.0004433	-.005194	-.001403	.000246	.0014700	.0034813
#2	.0001203	-.002612	-.003283	-.002350	-.000424	.0029807
#3	.0012042	-.001175	-.001517	-.004165	-.000900	.0058122

Elem	Sr4077
Units	ppm
Avg	F .1046425
Stddev	.0006724
%RSD	.6425951

#1	.1038661
#2	.1050316
#3	.1050300

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1258.001	2350.095	29278.23	5705.286	2282.284
Stddev	5.285	5.589	123.82	29.722	3.975
%RSD	.4201409	.2378264	.4228955	.5209603	.1741798

#1	1261.313	2343.809	29419.04	5671.246	2280.477
#2	1260.783	2351.973	29229.25	5726.100	2279.533
#3	1251.905	2354.503	29186.39	5718.510	2286.842

Sample Name: ICSAB01 Acquired: 10/03/2019 15:12:20 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1062610	.0975662	.0542168	.0552136	.6190490	265.5150
Stddev	.0049242	.0019949	.0009860	.0052752	.0025480	2.2542
%RSD	4.634031	2.044660	1.818646	9.554064	.4115947	.8489939

#1	.1009466	.0978273	.0535696	.0496484	.6200934	263.1019
#2	.1071672	.0994177	.0553516	.0558519	.6161448	265.8767
#3	.1106691	.0954536	.0537291	.0601406	.6209089	267.5666

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5217627	.5095616	1.013962	250.8653	.5608960	.5088437
Stddev	.0038195	.0009981	.003592	1.9305	.0023239	.0016179
%RSD	.7320386	.1958752	.3542657	.7695293	.4143101	.3179636

#1	.5191392	.5092312	1.013504	249.2147	.5582129	.5090941
#2	.5200042	.5106831	1.010621	250.3931	.5622683	.5071152
#3	.5261448	.5087706	1.017761	252.9881	.5622068	.5103219

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5267052	102.0479	.5168470	262.8565	1.011652	.2129442
Stddev	.0080184	.8020	.0042730	2.0962	.003613	.0015762
%RSD	1.522360	.7859324	.8267528	.7974839	.3570929	.7402070

#1	.5174473	101.2854	.5127014	260.8431	1.010546	.2126083
#2	.5312195	101.9738	.5166026	262.6995	1.008721	.2115630
#3	.5314487	102.8843	.5212370	265.0267	1.015688	.2146613

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.051947	.5060657	.9936896	-.232680	F -.013234	.9669304
Stddev	.211379	.0057964	.0050485	.024421	.001840	.0019803
%RSD	406.9155	1.145392	.5080528	10.49547	13.90643	.2048061

#1	.168764	.4993833	.9925632	-.206466	-.013586	.9646522
#2	-.252558	.5090778	.9892995	-.236788	-.011243	.9682404
#3	-.072046	.5097359	.9992061	-.254787	-.014873	.9678986

Sample Name: ICSAB01 Acquired: 10/03/2019 15:12:20 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.036393	F -.006111	.9501629	1.058980	1.012246	F .0009253
Stddev	.001038	.004588	.0025930	.002130	.008077	.0004201
%RSD	.1001625	75.07877	.2729049	.2011076	.7978861	45.40068

#1	1.037592	-.000907	.9475388	1.058950	1.004221	.0014095
#2	1.035769	-.009572	.9527237	1.056866	1.012145	.0006576
#3	1.035819	-.007855	.9502261	1.061125	1.020373	.0007089

Elem	Sr4077
Units	ppm
Avg	F .1038217
Stddev	.0006992
%RSD	.6734352

#1	.1030174
#2	.1041637
#3	.1042840

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1256.367	2349.313	29303.30	5762.183	2285.350
Stddev	5.345	2.578	48.88	14.327	5.906
%RSD	.4254040	.1097343	.1667997	.2486400	.2584487

#1	1251.921	2347.865	29313.75	5748.111	2286.108
#2	1262.297	2352.289	29346.10	5761.685	2290.840
#3	1254.883	2347.785	29250.04	5776.752	2279.100

Sample Name: CCV01 Acquired: 10/03/2019 15:15:59 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.969265	4.947890	4.939050	4.991365	5.001979	9.970750	9.899156
Stddev	.015021	.015141	.008197	.006036	.007200	.080758	.095856
%RSD	.3022745	.3060080	.1659644	.1209261	.1439383	.8099519	.9683243

#1	4.951982	4.930426	4.933073	4.997882	4.996707	9.879557	9.937976
#2	4.979170	4.955910	4.935683	4.985967	4.999048	10.03322	9.789979
#3	4.976644	4.957334	4.948395	4.990245	5.010182	9.99947	9.969513

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2499533	2.471162	24.82595	1.000504	2.469767	1.251397	4.975200
Stddev	.0011612	.004953	.20330	.001699	.003981	.012591	.043911
%RSD	.4645737	.2004273	.8189035	.1698296	.1611840	1.006181	.8825932

#1	.2493165	2.469544	24.59381	1.001264	2.466653	1.236866	4.933191
#2	.2512936	2.467220	24.91175	1.001691	2.468396	1.259097	4.971617
#3	.2492498	2.476721	24.97228	.998558	2.474252	1.258226	5.020793

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.491193	24.71744	2.475697	1.247495	24.59397	2.487929	2.509052
Stddev	.018553	.15427	.004743	.007642	.40225	.023730	.016704
%RSD	.7447510	.6241444	.1915865	.6126255	1.635553	.9537985	.6657353

#1	2.470724	24.55388	2.473720	1.256250	24.13229	2.460541	2.527281
#2	2.495953	24.73809	2.472262	1.244069	24.86890	2.502350	2.505398
#3	2.506903	24.86034	2.481109	1.242164	24.78071	2.500894	2.494479

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.69484	4.953477	4.961193	4.976343	4.890447	4.939320	4.940580
Stddev	.19314	.015044	.026415	.008656	.002608	.033082	.010855
%RSD	.7821231	.3037040	.5324293	.1739384	.0533196	.6697681	.2197117

#1	24.47760	4.953352	4.951064	4.972372	4.890327	4.911569	4.937075
#2	24.75978	4.938496	4.991173	4.970385	4.887902	4.975929	4.931910
#3	24.84715	4.968583	4.941342	4.986272	4.893113	4.930462	4.952754

Sample Name: CCV01 Acquired: 10/03/2019 15:15:59 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.963662	4.940916	4.997522
Stddev	.034008	.038492	.082895
%RSD	.6851396	.7790366	1.658717

#1	4.924404	4.900871	4.906318
#2	4.984108	4.944238	5.068283
#3	4.982473	4.977639	5.017964

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1321.692	2478.860	30791.32	5868.382	2513.975
Stddev	7.050	4.784	210.07	10.178	4.425
%RSD	.5334098	.1929858	.6822305	.1734428	.1760277

#1	1314.954	2473.363	30578.59	5877.647	2509.140
#2	1329.017	2482.086	30998.62	5870.012	2517.825
#3	1321.103	2481.129	30796.73	5857.487	2514.960

Sample Name: LLCCV01 Acquired: 10/03/2019 15:19:44 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217089	.0395326	.0121222	.0191634	.0535252	.1187088	.1030594
Stddev	.0054523	.0017277	.0005640	.0017651	.0022866	.0035328	.0003209
%RSD	25.11538	4.370442	4.652664	9.210681	4.272060	2.976045	.3113572

#1	.0275995	.0409156	.0123474	.0185016	.0557229	.1204398	.1027577
#2	.0206881	.0400864	.0125389	.0211638	.0511590	.1210423	.1033966
#3	.0168392	.0375959	.0114804	.0178250	.0536937	.1146443	.1030240

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064111	.0063141	2.107431	.0103830	.0308531	.0220334	.1104819
Stddev	.0001275	.0000398	.025510	.0002566	.0001982	.0010094	.0041703
%RSD	1.988570	.6308803	1.210502	2.471145	.6424711	4.581342	3.774628

#1	.0064073	.0062896	2.087968	.0102971	.0309713	.0231129	.1123317
#2	.0065405	.0062926	2.136312	.0106715	.0309638	.0218746	.1057066
#3	.0062856	.0063600	2.098015	.0101804	.0306243	.0211129	.1134072

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223163	2.070841	.0425348	.0102981	2.042765	.0398076	.0473772
Stddev	.0006377	.029462	.0003658	.0002516	.159309	.0034099	.0000309
%RSD	2.857713	1.422688	.8600595	2.443234	7.798684	8.565964	.0651654

#1	.0219876	2.040412	.0428260	.0105833	2.116540	.0411018	.0473538
#2	.0230513	2.099229	.0426542	.0101075	1.859942	.0423810	.0473655
#3	.0219099	2.072883	.0421241	.0102034	2.151814	.0359401	.0474122

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.016985	.0191976	.1084564	.2118604	.0254935	.4534103	.0408937
Stddev	.044081	.0012048	.0009897	.0004036	.0027009	.0056266	.0008476
%RSD	2.185494	6.275938	.9125294	.1905212	10.59462	1.240954	2.072781

#1	1.968900	.0202263	.1083491	.2114462	.0284891	.4535185	.0418012
#2	2.026569	.0178721	.1094954	.2122525	.0247471	.4589820	.0407573
#3	2.055485	.0194943	.1075247	.2118826	.0232442	.4477303	.0401225

Sample Name: LLCCV01 Acquired: 10/03/2019 15:19:44 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0404413	.0212192	.0215857
Stddev	.0009832	.0006895	.0001318
%RSD	2.431074	3.249314	.6107363

#1	.0405172	.0219847	.0214691
#2	.0394224	.0206469	.0217288
#3	.0413843	.0210260	.0215591

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1354.083	2540.867	31174.99	5939.194	2649.851
Stddev	4.542	10.618	206.60	33.420	8.903
%RSD	.3354516	.4179076	.6627243	.5626953	.3359945

#1	1348.950	2535.758	31071.17	5920.119	2641.473
#2	1357.583	2553.074	31412.91	5919.680	2659.200
#3	1355.716	2533.769	31040.87	5977.782	2648.880

Sample Name: CCB01 Acquired: 10/03/2019 15:23:37 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013316	-.000039	-.000091	-.000252	-.000232	.0029719	-.000087
Stddev	.0046962	.000772	.001231	.000846	.001906	.0093757	.000110
%RSD	352.6763	2004.129	1346.227	335.4980	822.1165	315.4741	127.2767

#1	-.004083	.000236	-.001500	.000718	-.001604	.0014735	.000028
#2	.003784	.000558	.000446	-.000838	.001945	.0130067	-.000096
#3	.004294	-.000910	.000780	-.000637	-.001037	-.005564	-.000192

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000555	-.000087	-.001830	-.000098	-.000076	.0008931	-.001322
Stddev	.0000264	.000082	.008240	.000266	.000099	.0006301	.002204
%RSD	47.57691	94.98444	450.2708	270.3532	129.1800	70.54786	166.6982

#1	.0000481	-.000098	.006306	-.000231	.000016	.0015751	-.003691
#2	.0000849	.000001	-.010170	-.000271	-.000180	.0003327	-.000944
#3	.0000336	-.000163	-.001626	.000208	-.000064	.0007715	.000668

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000114	.0066615	-.000183	.0000147	-.237743	-.001280	-.000398
Stddev	.000159	.0086777	.000243	.0004496	.269974	.001839	.000169
%RSD	138.9384	130.2651	132.5547	3065.541	113.5568	143.6882	42.37874

#1	-.000260	.0107659	-.000016	-.000335	-.210288	.000826	-.000216
#2	-.000137	.0125256	-.000072	-.000143	.017453	-.002569	-.000429
#3	.000055	-.003307	-.000462	.000522	-.520396	-.002096	-.000549

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184396	-.000737	-.000867	-.000266	.0033233	-.000995	.0007807
Stddev	.0674373	.002789	.001247	.000074	.0016646	.001224	.0010407
%RSD	365.7196	378.6345	143.8470	27.75377	50.08748	122.9728	133.2944

#1	.0953042	.001687	-.000082	-.000352	.0036542	-.002406	-.000390
#2	-.030794	-.000111	-.002305	-.000220	.0015181	-.000371	.001601
#3	-.009192	-.003785	-.000214	-.000228	.0047975	-.000209	.001131

Sample Name: CCB01 Acquired: 10/03/2019 15:23:37 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001017	-.000649	-.000079
Stddev	.001130	.002295	.000016
%RSD	111.1579	353.7012	19.90334

#1	-.000755	.002001	-.000082
#2	-.000040	-.001995	-.000063
#3	-.002254	-.001953	-.000094

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1357.587	2537.864	31480.35	5985.344	2633.411
Stddev	9.179	4.829	47.67	2.519	2.320
%RSD	.6761008	.1902666	.1514207	.0420922	.0881155

#1	1364.181	2532.896	31521.80	5987.355	2631.730
#2	1347.104	2542.540	31428.26	5982.518	2636.058
#3	1361.476	2538.158	31491.00	5986.160	2632.443

Sample Name: LR CHECK 1 Acquired: 10/03/2019 15:27:58 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	.0034435	-.207595	.0723426	.0137995	.0369218	1931.119	.0112842
Stddev	.0108158	.009523	.0080334	.0038089	.0061417	14.684	.0006794
%RSD	314.0970	4.587179	11.10464	27.60196	16.63423	.7603946	6.021152

#1	.0043450	-.196607	.0663216	.0131468	.0305269	1915.033	.0112709
#2	.0137803	-.213464	.0692420	.0103591	.0427742	1934.518	.0119701
#3	-.007795	-.212713	.0814642	.0178927	.0374643	1943.806	.0106115

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171396	.0006955	1758.226	.0606649	.1072291	.1357565	837.2468
Stddev	.0000494	.0006667	14.666	.0028980	.0001628	.0077763	17.9151
%RSD	.2882519	95.85760	.8341648	4.777017	.1517843	5.728150	2.139762

#1	.0170830	.0014650	1742.043	.0638965	.1072660	.1267775	818.0334
#2	.0171611	.0002939	1770.640	.0598013	.1070511	.1403163	840.2137
#3	.0171745	.0003275	1761.994	.0582969	.1073703	.1401756	853.4932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.048533	1636.597	.1751608	-.036421	1721.606	.0257571	.2187452
Stddev	.000942	9.795	.0012048	.001270	8.616	.0014408	.0025962
%RSD	1.940087	.5985124	.6878391	3.485601	.5004730	5.593674	1.186875

#1	-.048028	1625.347	.1764729	-.037847	1711.674	.0264202	.2193582
#2	-.047952	1641.218	.1749054	-.036003	1727.085	.0241041	.2209801
#3	-.049620	1643.228	.1741042	-.035414	1726.058	.0267468	.2158973

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	946.0317	-.030087	^ *****	.0061222	.1293830	-.019932	.0158231
Stddev	1.2863	.003195	-----	.0006114	.0090626	.002701	.0023428
%RSD	.1359700	10.61949	-----	9.987167	7.004448	13.55197	14.80645

#1	945.1371	-.030451	^ -----	.0067142	.1234076	-.017684	.0143951
#2	945.4522	-.026725	^ -----	.0054930	.1249308	-.022929	.0185269
#3	947.5058	-.033084	^ -----	.0061594	.1398105	-.019184	.0145471

Sample Name: LR CHECK 1 Acquired: 10/03/2019 15:27:58 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.035728	.0264541	.0153949
Stddev	.000815	.0017677	.0000751
%RSD	2.279842	6.682008	.4875923

#1	-.035120	.0244132	.0154101
#2	-.036653	.0274956	.0153134
#3	-.035410	.0274536	.0154612

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1051.672	1979.255	25166.48	5297.492	1785.316
Stddev	3.540	6.809	92.59	25.254	3.312
%RSD	.3365671	.3440063	.3679087	.4767219	.1855183

#1	1054.282	1972.124	25120.88	5324.528	1783.155
#2	1047.643	1985.687	25273.03	5293.439	1789.129
#3	1053.090	1979.955	25105.54	5274.510	1783.664

Sample Name: LR CHECK 2 Acquired: 10/03/2019 15:32:10 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	.0032066	.0315038	245.3663	.0066514	-.004840	.4440063	98.80823
Stddev	.0011075	.0052141	.7639	.0032142	.002402	.0277350	1.16065
%RSD	34.53789	16.55078	.3113402	48.32336	49.62485	6.246536	1.174648

#1	.0032647	.0370884	246.1798	.0097374	-.002621	.4716996	97.70920
#2	.0042840	.0306596	245.2550	.0068940	-.007390	.4440895	100.0220
#3	.0020712	.0267632	244.6641	.0033228	-.004509	.4162298	98.6935

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003686	.0015705	.4626864	-.153963	-.005068	269.4011	-.521483
Stddev	.000045	.0001757	.0506248	.001448	.000124	2.1769	.014619
%RSD	1.224889	11.18821	10.94149	.9407619	2.439053	.8080525	2.803323

#1	-.003735	.0014124	.5099417	-.154680	-.004943	270.5261	-.504751
#2	-.003677	.0015395	.4688592	-.154913	-.005070	270.7853	-.527920
#3	-.003646	.0017597	.4092583	-.152296	-.005191	266.8919	-.531780

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.37660	.1233150	51.86594	-.001170	1.013098	-.015591	32.51862
Stddev	.44571	.0383170	.17077	.000378	.287933	.004005	.06329
%RSD	.9026661	31.07246	.3292512	32.27290	28.42107	25.68740	.1946261

#1	49.16649	.1675356	52.02526	-.001473	1.186736	-.016085	32.48276
#2	49.88852	.1024685	51.88692	-.000747	.680732	-.019327	32.48140
#3	49.07477	.0999408	51.68566	-.001291	1.171824	-.011362	32.59170

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5303289	-1.06556	-.006639	-.039455	-.760896	-.000477	-.003104
Stddev	.2127912	.00064	.000721	.000662	.006539	.000268	.000701
%RSD	40.12437	.0599386	10.85677	1.677486	.8593184	56.18667	22.59498

#1	.7482709	-1.06483	-.005807	-.040122	-.755287	-.000245	-.002307
#2	.5196232	-1.06582	-.007039	-.039444	-.768077	-.000770	-.003377
#3	.3230927	-1.06603	-.007072	-.038798	-.759323	-.000415	-.003627

Sample Name: LR CHECK 2 Acquired: 10/03/2019 15:32:10 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0073464	.0070443	.0012726
Stddev	.0010318	.0018830	.0000374
%RSD	14.04445	26.73048	2.941423

#1	.0085263	.0062683	.0012464
#2	.0066134	.0056733	.0013155
#3	.0068996	.0091912	.0012559

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1296.293	1970.026	32289.49	6088.487	2609.993
Stddev	4.922	9.701	138.11	59.658	10.587
%RSD	.3796988	.4924553	.4277212	.9798528	.4056353

#1	1299.318	1970.013	32331.06	6062.772	2601.193
#2	1298.947	1960.332	32402.04	6045.999	2607.045
#3	1290.614	1979.735	32135.37	6156.691	2621.742

Sample Name: PB123589BS Acquired: 10/03/2019 15:59:45 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	.7622612	1.958659	.9841167	1.713614	.7892448	2.066054
Stddev	.0062523	.007651	.0008902	.003662	.0006551	.011276
%RSD	.8202348	.3906181	.0904535	.2137066	.0830003	.5457866

#1	.7550669	1.960933	.9831014	1.712142	.7899635	2.053093
#2	.7663809	1.964914	.9847630	1.710917	.7886812	2.071452
#3	.7653358	1.950128	.9844857	1.717783	.7890898	2.073616

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2107375	.1925837	.1950475	1.009998	.4157116	.2012017
Stddev	.0004233	.0023547	.0001783	.009720	.0013851	.0007405
%RSD	.2008402	1.222677	.0914071	.9623484	.3331877	.3680420

#1	.2105282	.1953026	.1951392	1.003699	.4161950	.2003547
#2	.2104598	.1912281	.1951612	1.005104	.4141496	.2015236
#3	.2112247	.1912203	.1948420	1.021192	.4167903	.2017268

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3182514	3.261932	.2109101	2.040625	.5065087	.0717158
Stddev	.0009413	.009765	.0011523	.017273	.0011931	.0003389
%RSD	.2957881	.2993582	.5463401	.8464527	.2355455	.4725821

#1	.3191453	3.259053	.2096049	2.027341	.5052064	.0720118
#2	.3172689	3.253930	.2113388	2.060151	.5075490	.0717896
#3	.3183400	3.272812	.2117865	2.034383	.5067705	.0713461

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.781526	.3118583	.1858864	9.986806	F 5.485157	.2801772
Stddev	.234934	.0020546	.0010634	.165653	.010134	.0033577
%RSD	8.446233	.6588191	.5720439	1.658722	.1847563	1.198411

#1	2.610221	.3109524	.1846800	9.838155	5.487389	.2840309
#2	2.685011	.3104124	.1862915	9.956882	5.493990	.2778817
#3	3.049346	.3142102	.1866877	10.16538	5.474093	.2786189

Sample Name: PB123589BS Acquired: 10/03/2019 15:59:45 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4144145	F .0188720	.9025709	.6974224	.2027157	.2065595
Stddev	.0011640	.0023565	.0104936	.0023049	.0013613	.0009862
%RSD	.2808823	12.48687	1.162634	.3304848	.6715402	.4774475

#1	.4142456	.0165272	.9138464	.6952222	.2023840	.2076841
#2	.4133442	.0188487	.8930909	.6998193	.2015508	.2058423
#3	.4156538	.0212401	.9007755	.6972256	.2042122	.2061519

Elem	Sr4077
Units	ppm
Avg	.2106608
Stddev	.0015712
%RSD	.7458399

#1	.2090387
#2	.2107681
#3	.2121756

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1310.125	2471.784	30999.92	5874.573	2582.487
Stddev	5.853	7.335	82.65	64.485	6.742
%RSD	.4467821	.2967568	.2666232	1.097689	.2610608

#1	1312.662	2463.968	30971.88	5807.091	2577.174
#2	1303.430	2472.866	30934.94	5881.059	2580.216
#3	1314.281	2478.517	31092.95	5935.570	2590.071

Sample Name: PB123597BS Acquired: 10/03/2019 16:03:29 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	.7442245	1.913789	.9606189	1.641957	.7826527	2.039110
Stddev	.0008114	.016037	.0041238	.003335	.0036826	.043528
%RSD	.1090280	.8379469	.4292856	.2030979	.4705214	2.134667

#1	.7436025	1.924968	.9625006	1.645262	.7841911	1.997052
#2	.7451424	1.920983	.9634661	1.638593	.7784504	2.036306
#3	.7439288	1.895415	.9558899	1.642017	.7853166	2.083972

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2063131	.1903897	.1898205	.9757584	.4093947	.1966886
Stddev	.0049017	.0018961	.0007786	.0163591	.0010544	.0004660
%RSD	2.375865	.9959200	.4101813	1.676556	.2575607	.2369224

#1	.2016777	.1885754	.1899194	.9600200	.4083180	.1972248
#2	.2058181	.1902355	.1905450	.9745807	.4094408	.1964590
#3	.2114436	.1923583	.1889972	.9926746	.4104253	.1963820

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3119766	3.186693	.2071560	1.996794	.4937450	.0705259
Stddev	.0038398	.047424	.0043307	.031112	.0008155	.0005469
%RSD	1.230794	1.488174	2.090561	1.558080	.1651760	.7755209

#1	.3096248	3.134240	.2031557	1.966717	.4946002	.0707656
#2	.3098974	3.199299	.2065573	1.994818	.4929760	.0699000
#3	.3164076	3.226539	.2117549	2.028846	.4936588	.0709120

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.828392	.3109261	.1775127	9.846856	F 5.360394	.2776430
Stddev	.124875	.0043181	.0013032	.177987	.022405	.0018735
%RSD	4.415044	1.388771	.7341523	1.807554	.4179650	.6747918

#1	2.876981	.3082298	.1789712	9.658050	5.386264	.2757643
#2	2.921669	.3086419	.1771043	9.870947	5.347491	.2776532
#3	2.686526	.3159064	.1764626	10.01157	5.347425	.2795113

Sample Name: PB123597BS Acquired: 10/03/2019 16:03:29 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4127215	F -.005872	.8989569	.6944184	.2017315	.2018627
Stddev	.0012948	.004862	.0089254	.0027617	.0032619	.0068791
%RSD	.3137172	82.79403	.9928658	.3976930	1.616955	3.407831

#1	.4127617	-.010980	.8928477	.6972925	.1981532	.1950608
#2	.4114071	-.001300	.8948232	.6941778	.2025024	.2017107
#3	.4139957	-.005336	.9091998	.6917849	.2045390	.2088166

Elem	Sr4077
Units	ppm
Avg	.2064567
Stddev	.0020059
%RSD	.9715747

#1	.2044724
#2	.2064142
#3	.2084835

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1333.409	2488.468	31426.72	5862.914	2603.465
Stddev	6.957	1.293	11.77	49.525	8.615
%RSD	.5217335	.0519703	.0374450	.8447128	.3309223

#1	1325.387	2487.672	31436.28	5904.746	2597.242
#2	1337.062	2489.960	31430.29	5875.766	2599.854
#3	1337.778	2487.771	31413.57	5808.230	2613.298

Sample Name: K5148-01 Acquired: 10/03/2019 16:07:11 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	.0420196	-.015059	.4001648	.0331231	.0035970	143.0010	.8268157
Stddev	.0003314	.003042	.0011939	.0040495	.0027676	1.3049	.0108499
%RSD	.7885725	20.19789	.2983416	12.22556	76.94307	.9125142	1.312246

#1	.0422613	-.018506	.3991525	.0371869	.0066624	141.5670	.8156745
#2	.0416418	-.012751	.3998606	.0290880	.0012818	143.3174	.8274241
#3	.0421555	-.013922	.4014813	.0330946	.0028468	144.1187	.8373486

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107995	-.001341	63.48502	.1721519	.1224120	.3428138	231.8741
Stddev	.0001163	.000189	.88656	.0006910	.0006567	.0019426	2.5982
%RSD	1.077105	14.06400	1.396485	.4013946	.5364274	.5666628	1.120528

#1	.0109131	-.001124	62.56061	.1729165	.1231463	.3406149	229.0194
#2	.0106806	-.001426	63.56633	.1715719	.1222087	.3442969	232.5022
#3	.0108046	-.001472	64.32813	.1719674	.1218811	.3435296	234.1006

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.205847	52.52065	.2362500	.0013746	6.221881	.4093886	.5638701
Stddev	.056242	.51582	.0006618	.0004514	.125118	.0015259	.0017641
%RSD	1.337238	.9821281	.2801190	32.83751	2.010937	.3727217	.3128641

#1	4.144516	51.93052	.2367694	.0016206	6.080111	.4077159	.5655478
#2	4.218019	52.74582	.2355049	.0008536	6.316858	.4097455	.5640318
#3	4.255007	52.88559	.2364756	.0016494	6.268675	.4107044	.5620306

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.79011	7.113467	-.072285	.0015405	2.473684	1.936262	.0087291
Stddev	.02777	.064202	.004587	.0002776	.009862	.007933	.0012121
%RSD	.2355037	.9025429	6.345442	18.01926	.3986852	.4097078	13.88529

#1	11.76391	7.060063	-.077484	.0015294	2.469197	1.938555	.0084264
#2	11.78721	7.095638	-.070560	.0018235	2.466864	1.927435	.0100639
#3	11.81921	7.184699	-.068811	.0012686	2.484992	1.942796	.0076971

Sample Name: K5148-01 Acquired: 10/03/2019 16:07:11 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.110664	.1536621	.2205176
Stddev	.027594	.0026267	.0015205
%RSD	.8870813	1.709383	.6894974

#1	3.080470	.1509719	.2187655
#2	3.116948	.1537941	.2212966
#3	3.134574	.1562203	.2214908

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1688.857	3118.329	39348.04	7562.698	2512.365
Stddev	9.066	7.495	73.62	5.438	3.099
%RSD	.5368248	.2403402	.1870978	.0719093	.1233468

#1	1679.138	3123.333	39329.55	7558.533	2513.551
#2	1690.345	3121.941	39429.15	7560.710	2514.696
#3	1697.087	3109.712	39285.44	7568.851	2508.848

Sample Name: K5148-01DUP Acquired: 10/03/2019 16:10:52 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	.0404280	-.015243	.4042874	.0329369	.0024931	141.1702	.8222276
Stddev	.0048623	.003339	.0007938	.0021372	.0004442	.7740	.0045658
%RSD	12.02702	21.90524	.1963369	6.488616	17.81916	.5482713	.5552986

#1	.0348168	-.016734	.4045536	.0308445	.0025463	140.3060	.8171526
#2	.0430675	-.017578	.4049138	.0351161	.0029083	141.4050	.8260021
#3	.0433996	-.011419	.4033947	.0328501	.0020246	141.7996	.8235280

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106153	-.001284	67.26738	.1726558	.1225703	.3393801	228.6048
Stddev	.0000906	.000158	.38342	.0006242	.0004605	.0019337	1.4218
%RSD	.8537261	12.29182	.5699885	.3615440	.3756847	.5697900	.6219352

#1	.0106411	-.001110	66.83099	.1719747	.1230780	.3372657	227.0145
#2	.0106902	-.001323	67.42090	.1727921	.1224534	.3398157	229.0471
#3	.0105146	-.001418	67.55025	.1732006	.1221795	.3410589	229.7529

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.221971	53.23935	.2345720	.0015288	6.320346	.4034731	.5539165
Stddev	.032596	.31409	.0012045	.0002509	.221293	.0016664	.0047937
%RSD	.7720558	.5899628	.5134911	16.40869	3.501277	.4130154	.8654224

#1	4.185101	52.87975	.2334236	.0012728	6.263319	.4017630	.5553263
#2	4.246961	53.46003	.2344667	.0015394	6.133147	.4035642	.5485760
#3	4.233850	53.37826	.2358257	.0017742	6.564570	.4050920	.5578473

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.66248	7.178747	-.069364	.0015041	2.493195	1.863062	.0105139
Stddev	.02573	.024731	.006056	.0003243	.023416	.006543	.0006901
%RSD	.2205791	.3444987	8.731370	21.56125	.9392075	.3512164	6.563754

#1	11.64942	7.195605	-.075545	.0018328	2.499693	1.869700	.0111693
#2	11.69212	7.150357	-.069105	.0014952	2.467216	1.862869	.0105786
#3	11.64591	7.190280	-.063440	.0011844	2.512676	1.856617	.0097937

Sample Name: K5148-01DUP Acquired: 10/03/2019 16:10:52 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.076671	.1483757	.2224397
Stddev	.021974	.0006508	.0007977
%RSD	.7142244	.4385882	.3585979

#1	3.052031	.1479784	.2216482
#2	3.083746	.1480220	.2224276
#3	3.094237	.1491267	.2232434

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1679.669	3108.641	39160.14	7613.837	2499.053
Stddev	8.166	1.853	117.09	42.618	2.195
%RSD	.4861895	.0596239	.2990039	.5597446	.0878458

#1	1672.935	3110.631	39180.29	7567.119	2496.556
#2	1688.752	3106.963	39265.85	7623.802	2500.678
#3	1677.318	3108.330	39034.28	7650.590	2499.926

Sample Name: K5148-01LX5 Acquired: 10/03/2019 16:14:33 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	.0161728	.0015664	.0835002	.0090047	-.001386	33.16042	.1962673
Stddev	.0006202	.0011277	.0020289	.0014939	.001882	.29256	.0013395
%RSD	3.835045	71.99194	2.429777	16.58987	135.7755	.8822550	.6825148

#1	.0155219	.0028628	.0811591	.0099873	-.002103	32.82757	.1947317
#2	.0162394	.0010236	.0845946	.0072856	-.002804	33.27690	.1968740
#3	.0167570	.0008128	.0847470	.0097411	.000749	33.37681	.1971962

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026025	-.000557	16.75913	.0415247	.0241008	.0834522	55.83793
Stddev	.0000583	.000017	.13246	.0008150	.0003657	.0007995	.34632
%RSD	2.238874	3.023486	.7903974	1.962626	1.517341	.9579934	.6202195

#1	.0025766	-.000542	16.60892	.0421838	.0245049	.0835779	55.44588
#2	.0025617	-.000575	16.85922	.0417770	.0240049	.0841814	55.96572
#3	.0026692	-.000555	16.80924	.0406135	.0237927	.0825974	56.10219

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.040445	13.03468	.0476381	.0004572	1.480785	.0969336	.1248301
Stddev	.007445	.11928	.0004301	.0006206	.182925	.0025952	.0009360
%RSD	.7155786	.9151031	.9029285	135.7269	12.35324	2.677329	.7498409

#1	1.032385	12.90528	.0480122	.0011357	1.509740	.0972221	.1255434
#2	1.041885	13.05853	.0471681	-.000082	1.285109	.0942062	.1251766
#3	1.047065	13.14024	.0477339	.000318	1.647505	.0993726	.1237702

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.695778	1.449235	-.021936	.0004309	.4942540	.4489435	.0016730
Stddev	.036884	.004506	.001124	.0001035	.0042345	.0079697	.0019802
%RSD	1.368196	.3109122	5.123397	24.02055	.8567473	1.775201	118.3577

#1	2.729981	1.446153	-.020999	.0003431	.4977382	.4407496	.0032808
#2	2.700653	1.447146	-.023182	.0004046	.4954828	.4566682	-.000539
#3	2.656699	1.454406	-.021628	.0005450	.4895410	.4494126	.002277

Sample Name: K5148-01LX5 Acquired: 10/03/2019 16:14:33 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7344901	.0348276	.0537373
Stddev	.0043647	.0005593	.0003847
%RSD	.5942443	1.605838	.7158172

#1	.7312194	.0349198	.0533000
#2	.7394462	.0342279	.0538884
#3	.7328047	.0353350	.0540234

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1438.155	2682.407	33385.15	6377.935	2621.888
Stddev	12.782	6.571	325.33	46.651	7.696
%RSD	.8887747	.2449533	.9744783	.7314410	.2935370

#1	1425.355	2681.484	33011.20	6415.706	2620.267
#2	1438.193	2689.391	33541.14	6325.788	2630.266
#3	1450.919	2676.347	33603.11	6392.311	2615.131

Sample Name: K5148-01MS Acquired: 10/03/2019 16:18:21 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	.6712871	1.981325	1.526329	1.420696	.1111541	157.0939	1.076223
Stddev	.0065933	.004725	.008658	.004030	.0012752	1.3781	.007842
%RSD	.9821834	.2385008	.5672435	.2836892	1.147212	.8772615	.7286310

#1	.6707372	1.979141	1.528710	1.417179	.1105488	155.5753	1.068176
#2	.6649860	1.978087	1.516730	1.419814	.1102944	157.4411	1.076653
#3	.6781381	1.986748	1.533548	1.425094	.1126192	158.2651	1.083841

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1734837	.2002740	71.41586	.5020602	.3333679	.6285055	231.7375
Stddev	.0016842	.0004332	.45455	.0010559	.0007056	.0065611	1.1792
%RSD	.9707999	.2163242	.6364828	.2103154	.2116715	1.043924	.5088462

#1	.1753971	.2001512	70.98624	.5032728	.3329627	.6213104	230.5626
#2	.1722260	.1999155	71.36955	.5015649	.3329583	.6341577	231.7291
#3	.1728279	.2007554	71.89179	.5013431	.3341827	.6300483	232.9209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.578969	51.96939	.7577213	.0613155	9.101157	.6606675	.7644796
Stddev	.034519	.35286	.0011359	.0009728	.111218	.0049929	.0043621
%RSD	.7538558	.6789721	.1499129	1.586543	1.222020	.7557330	.5705952

#1	4.546291	51.56515	.7572520	.0606652	9.060209	.6551469	.7670632
#2	4.575542	52.12733	.7568952	.0608475	9.016219	.6619886	.7594433
#3	4.615073	52.21569	.7590166	.0624338	9.227044	.6648669	.7669324

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.13305	13.03253	.1378449	.2997791	2.592428	2.956162	.6853571
Stddev	.18021	.02376	.0028466	.0003175	.002749	.023846	.0014362
%RSD	.8527345	.1822793	2.065072	.1059115	.1060291	.8066393	.2095537

#1	21.03150	13.00589	.1346063	.2995804	2.590057	2.983611	.6860180
#2	21.02653	13.05153	.1399505	.3001453	2.591785	2.940564	.6837095
#3	21.34112	13.04016	.1389781	.2996117	2.595441	2.944310	.6863440

Sample Name: K5148-01MS Acquired: 10/03/2019 16:18:21 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.434482	.3263669	.4119382
Stddev	.031222	.0016304	.0028390
%RSD	.9090821	.4995612	.6891874

#1	3.399770	.3247853	.4087988
#2	3.443406	.3262735	.4126904
#3	3.460271	.3280421	.4143253

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1672.712	3116.351	39061.71	7501.497	2477.527
Stddev	6.193	1.797	160.78	38.911	2.374
%RSD	.3702654	.0576563	.4116066	.5187042	.0958298

#1	1679.862	3118.417	39246.70	7457.511	2479.397
#2	1669.266	3115.161	38982.70	7531.425	2478.328
#3	1669.008	3115.474	38955.71	7515.554	2474.856

Sample Name: K5148-01MSD Acquired: 10/03/2019 16:21:58 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	.6767661	1.981382	1.529196	1.434557	.1141384	157.5675	1.088262
Stddev	.0072445	.010273	.002316	.003308	.0019088	.8232	.004507
%RSD	1.070451	.5184710	.1514547	.2305587	1.672364	.5224405	.4141396

#1	.6718706	1.984239	1.526835	1.437903	.1141606	156.6170	1.083367
#2	.6733395	1.989924	1.531464	1.434481	.1160361	158.0491	1.092240
#3	.6850882	1.969983	1.529290	1.431289	.1122187	158.0364	1.089180

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1725236	.2012207	69.66881	.5011877	.3348167	.6344469	233.0680
Stddev	.0003633	.0002070	.17539	.0035508	.0002783	.0056219	.3194
%RSD	.2105936	.1028498	.2517495	.7084877	.0831261	.8861093	.1370457

#1	.1728539	.2011326	69.46664	.5044688	.3350075	.6287364	232.7195
#2	.1721344	.2010724	69.75947	.5016767	.3344974	.6399758	233.3468
#3	.1725826	.2014571	69.78031	.4974177	.3349453	.6346286	233.1376

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.601753	52.12015	.7606690	.0610090	9.144475	.6659262	.7683435
Stddev	.026990	.26889	.0022204	.0001501	.087557	.0055544	.0043666
%RSD	.5865238	.5159015	.2918980	.2460264	.9574830	.8340914	.5683157

#1	4.575976	51.84211	.7585825	.0611783	9.044484	.6595646	.7724175
#2	4.629812	52.37884	.7630026	.0608922	9.207415	.6684002	.7637337
#3	4.599472	52.13951	.7604219	.0609564	9.181526	.6698137	.7688794

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.10845	13.04782	.1412275	.3015337	2.582817	3.015510	.6859248
Stddev	.12027	.05286	.0031009	.0008389	.011485	.005265	.0025220
%RSD	.5697809	.4051261	2.195694	.2782253	.4446743	.1746059	.3676725

#1	20.98617	13.03427	.1413374	.3010349	2.569931	3.019239	.6834101
#2	21.11257	13.10614	.1442719	.3025022	2.591976	3.009487	.6859105
#3	21.22660	13.00306	.1380730	.3010639	2.586543	3.017804	.6884539

Sample Name: K5148-01MSD Acquired: 10/03/2019 16:21:58 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.455633	.3281260	.4111217
Stddev	.015599	.0039496	.0020963
%RSD	.4513977	1.203688	.5099052

#1	3.437932	.3243956	.4088115
#2	3.467368	.3322633	.4116508
#3	3.461599	.3277191	.4129028

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1670.500	3115.174	39191.79	7549.708	2482.513
Stddev	11.739	2.238	119.90	35.997	3.202
%RSD	.7027431	.0718511	.3059333	.4768044	.1289658

#1	1658.500	3113.665	39053.38	7509.797	2482.858
#2	1681.961	3114.112	39263.74	7579.722	2479.153
#3	1671.038	3117.746	39258.25	7559.603	2485.529

Sample Name: K5148-01A Acquired: 10/03/2019 16:34:03 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	.6649922	1.951460	1.506994	1.401437	.1109628	153.8091	1.038318
Stddev	.0029033	.000674	.002572	.007415	.0022852	1.2060	.006002
%RSD	.4365866	.0345309	.1706613	.5291238	2.059437	.7840651	.5780397

#1	.6655560	1.951045	1.509953	1.397374	.1091238	152.4678	1.031429
#2	.6618483	1.952237	1.505734	1.409996	.1135212	154.1556	1.041113
#3	.6675721	1.951097	1.505295	1.396941	.1102434	154.8039	1.042413

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1715129	.1977545	75.02617	.4951295	.3292570	.6125886	226.2461
Stddev	.0008433	.0001614	.52057	.0014930	.0004370	.0062235	1.8449
%RSD	.4917052	.0816065	.6938509	.3015344	.1327234	1.015931	.8154320

#1	.1720384	.1976733	74.42542	.4934212	.3291154	.6064023	224.1158
#2	.1719602	.1976499	75.30874	.4961844	.3289083	.6125147	227.2981
#3	.1705402	.1979404	75.34435	.4957829	.3297472	.6188486	227.3242

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.439989	50.68214	.7488643	.0594138	8.847701	.6475487	.7461332
Stddev	.032662	.56438	.0003914	.0002822	.168907	.0056399	.0028912
%RSD	.7356414	1.113562	.0522677	.4750357	1.909047	.8709571	.3874932

#1	4.404113	50.03511	.7491853	.0591705	8.678072	.6410363	.7482368
#2	4.447852	50.93834	.7484283	.0593477	8.849156	.6508133	.7428364
#3	4.468002	51.07299	.7489794	.0597232	9.015876	.6507964	.7473266

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.76523	12.97844	.1397802	.2962307	2.604149	2.726957	.6738696
Stddev	.19426	.00991	.0052408	.0003487	.005064	.013196	.0018641
%RSD	.9355186	.0763446	3.749325	.1176980	.1944426	.4839238	.2766299

#1	20.54927	12.98791	.1339169	.2966189	2.598955	2.739949	.6760078
#2	20.82069	12.97926	.1414151	.2961292	2.604419	2.727357	.6730145
#3	20.92573	12.96815	.1440088	.2959441	2.609072	2.713565	.6725864

Sample Name: K5148-01A Acquired: 10/03/2019 16:34:03 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.336829	.3210263	.4144696
Stddev	.025095	.0004826	.0036225
%RSD	.7520528	.1503220	.8740030

#1	3.309936	.3207125	.4102918
#2	3.340931	.3207844	.4163799
#3	3.359620	.3215820	.4167371

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1692.622	3134.620	39644.14	7622.783	2492.045
Stddev	5.604	4.036	249.56	55.302	7.013
%RSD	.3310683	.1287407	.6294935	.7254882	.2813990

#1	1686.391	3132.125	39899.90	7596.566	2487.338
#2	1697.250	3139.276	39401.28	7585.465	2500.105
#3	1694.224	3132.460	39631.26	7686.319	2488.693

Sample Name: CCV02 Acquired: 10/03/2019 16:37:39 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	4.886425	4.898488	4.912773	4.858807	4.945914	9.748567	9.507784
Stddev	.030671	.040158	.036626	.029841	.039913	.098738	.229591
%RSD	.6276685	.8197957	.7455194	.6141652	.8069901	1.012849	2.414773

#1	4.860735	4.885875	4.892049	4.834876	4.905256	9.636682	9.244484
#2	4.878159	4.866152	4.891208	4.849302	4.947448	9.823496	9.666210
#3	4.920382	4.943438	4.955062	4.892243	4.985038	9.785524	9.612659

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2422159	2.452101	24.17129	.9842299	2.465658	1.232321	4.855087
Stddev	.0009641	.016337	.24001	.0016898	.015002	.014976	.044377
%RSD	.3980380	.6662391	.9929635	.1716887	.6084395	1.215289	.9140268

#1	.2419178	2.441931	23.89421	.9845115	2.455526	1.215044	4.803886
#2	.2432939	2.443426	24.31490	.9857612	2.458554	1.241615	4.882465
#3	.2414361	2.470945	24.30476	.9824170	2.482892	1.240303	4.878909

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.424592	24.11862	2.474567	1.214467	24.27171	2.434443	2.449281
Stddev	.027247	.26576	.017030	.004129	.38602	.027920	.005661
%RSD	1.123774	1.101886	.6882105	.3400047	1.590418	1.146856	.2311305

#1	2.395829	23.82479	2.461953	1.209893	23.82688	2.405465	2.442745
#2	2.427931	24.18887	2.467810	1.215587	24.51877	2.436696	2.452608
#3	2.450015	24.34219	2.493939	1.217921	24.46949	2.461168	2.452490

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.17036	5.009996	4.830649	4.948068	4.863557	4.764203	4.966820
Stddev	.29059	.045133	.016111	.026426	.020496	.022795	.024949
%RSD	1.202242	.9008580	.3335162	.5340758	.4214257	.4784716	.5023153

#1	23.83693	4.969933	4.830178	4.921084	4.849058	4.749892	4.950807
#2	24.36957	5.001162	4.846991	4.949222	4.854607	4.790490	4.954087
#3	24.30459	5.058893	4.814779	4.973899	4.887006	4.752226	4.995566

Sample Name: CCV02 Acquired: 10/03/2019 16:37:39 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.877884	4.687035	4.866318
Stddev	.052611	.045038	.079399
%RSD	1.078557	.9608998	1.631598

#1	4.817135	4.635057	4.800041
#2	4.908218	4.711571	4.954317
#3	4.908301	4.714476	4.844595

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1383.852	2567.344	32125.91	6188.717	2564.261
Stddev	11.152	2.744	144.03	33.305	5.199
%RSD	.8058622	.1068644	.4483244	.5381600	.2027551

#1	1396.620	2569.633	32292.13	6214.712	2564.640
#2	1378.918	2568.097	32047.70	6151.175	2569.260
#3	1376.019	2564.303	32037.92	6200.264	2558.883

Sample Name: CCB02 Acquired: 10/03/2019 16:41:28 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	.0016762	.0008542	.0004406	.0000694	.0018262	.0127281	.0017491
Stddev	.0021598	.0012459	.0010260	.0011789	.0018632	.0061170	.0009252
%RSD	128.8529	145.8611	232.8382	1699.771	102.0251	48.05929	52.89402

#1	-.000002	-.000548	-.000743	-.000163	.0017535	.0119779	.0026688
#2	.004113	.001835	.001076	-.000976	.0037248	.0191856	.0017601
#3	.000918	.001275	.000989	.001347	.0000005	.0070207	.0008185

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000042	.0000949	.0027370	-.000139	.0000227	-.000816	.0021961
Stddev	.0000794	.0000522	.0024685	.000137	.0002477	.001123	.0061655
%RSD	1879.079	54.94450	90.19342	98.20772	1093.312	137.6788	280.7462

#1	.0000936	.0000352	.0016145	-.000088	-.000160	-.001712	.0080523
#2	-.000058	.0001313	.0055673	-.000036	-.000076	.000444	.0027742
#3	-.000023	.0001182	.0010291	-.000295	.000305	-.001179	-.004238

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002268	.0419874	.0000254	.0001775	-.124246	-.000711	.0001510
Stddev	.0003333	.0204018	.0002022	.0002875	.064637	.000240	.0002240
%RSD	146.9192	48.59030	797.5651	162.0004	52.02315	33.75258	148.3668

#1	.0005951	.0557665	.0002585	.0004319	-.054469	-.000921	-.000064
#2	.0001394	.0516459	-.000081	.0002348	-.136194	-.000762	.000383
#3	-.000054	.0185499	-.000101	-.000134	-.182075	-.000450	.000133

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0285602	-.000403	.0063618	.0009704	.0015024	.0022195	.0012162
Stddev	.0883822	.002642	.0004607	.0004083	.0023623	.0018615	.0009921
%RSD	309.4592	656.1010	7.241888	42.07722	157.2327	83.87204	81.56986

#1	.0637035	-.000412	.0068298	.0011799	.0031240	.0024259	.0001475
#2	-.071988	.002244	.0063469	.0012316	-.001208	.0039692	.0013935
#3	.093965	-.003040	.0059088	.0004999	.002591	.0002634	.0021077

Sample Name: CCB02 Acquired: 10/03/2019 16:41:28 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002160	.0011180	.0008977
Stddev	.0002037	.0032793	.0003712
%RSD	94.29601	293.3083	41.35327

#1	.0001306	.0000364	.0013053
#2	.0000690	-.001484	.0008088
#3	.0004485	.004801	.0005789

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1370.442	2556.902	31730.37	6020.517	2657.181
Stddev	4.101	2.334	211.32	16.368	3.500
%RSD	.2992289	.0912928	.6659848	.2718722	.1317250

#1	1373.830	2554.263	31767.28	6032.358	2661.040
#2	1371.613	2558.698	31503.03	6001.838	2654.212
#3	1365.883	2557.746	31920.81	6027.353	2656.291

Sample Name: K5148-04 Acquired: 10/03/2019 16:45:22 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	.0020928	-.003269	.0076001	.0040107	.0015541	.1195900	.1780464
Stddev	.0032621	.003064	.0013101	.0017983	.0006269	.0050133	.0030006
%RSD	155.8696	93.71472	17.23735	44.83836	40.33783	4.192083	1.685284

#1	-.001182	-.005810	.0070933	.0057409	.0012566	.1227865	.1750102
#2	.005342	.000133	.0090878	.0021512	.0022743	.1138121	.1781189
#3	.002119	-.004130	.0066191	.0041399	.0011313	.1221715	.1810100

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000036	-.000030	37.95937	.0013522	.0008567	.0063634	.3411540
Stddev	.000021	.000061	.67590	.0002188	.0002018	.0030541	.0103785
%RSD	56.59239	203.4286	1.780578	16.18180	23.55912	47.99572	3.042185

#1	-.000045	.000031	37.26812	.0011252	.0010889	.0094770	.3359804
#2	-.000013	-.000030	37.99120	.0013698	.0007242	.0033724	.3343792
#3	-.000051	-.000090	38.61879	.0015617	.0007568	.0062407	.3531024

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7259166	1.858563	.0024833	-.000518	305.2638	-.000691	.0407506
Stddev	.0123041	.005764	.0004039	.000257	4.2371	.003844	.0001713
%RSD	1.694980	.3101197	16.26414	49.68535	1.387996	556.6148	.4204903

#1	.7122266	1.863699	.0024585	-.000252	300.5499	.001842	.0406916
#2	.7294707	1.852329	.0028990	-.000766	306.4866	-.005114	.0409437
#3	.7360526	1.859660	.0020924	-.000536	308.7550	.001200	.0406166

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5109377	.0049158	.0221544	.0004135	.2949754	.3637758	.0001142
Stddev	.0518395	.0022373	.0005908	.0002730	.0043872	.0034862	.0005421
%RSD	10.14594	45.51322	2.666758	66.02093	1.487302	.9583333	474.8078

#1	.4825680	.0034796	.0227515	.0001285	.2949192	.3627845	.0007173
#2	.5707701	.0037742	.0221416	.0004395	.2993904	.3676503	-.000042
#3	.4794750	.0074937	.0215701	.0006727	.2906166	.3608926	-.000333

Sample Name: K5148-04 Acquired: 10/03/2019 16:45:22 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008756	.0014408	.0887328
Stddev	.0004808	.0016184	.0008106
%RSD	54.91432	112.3219	.9135097

#1	.0012655	-.000235	.0878010
#2	.0010228	.001563	.0891219
#3	.0003383	.002995	.0892755

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1299.674	2429.370	30351.78	5940.271	2428.744
Stddev	5.242	4.613	21.09	11.186	7.630
%RSD	.4033357	.1898853	.0695010	.1883046	.3141567

#1	1305.696	2424.089	30345.91	5927.367	2421.373
#2	1296.133	2431.412	30334.25	5947.210	2428.250
#3	1297.194	2432.610	30375.20	5946.235	2436.609

Sample Name: K5131-19 Acquired: 10/03/2019 16:49:12 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	.0050747	.0000728	.0033366	.0035277	.0026844	.0778280	.0187679
Stddev	.0029585	.0023061	.0009919	.0023039	.0012283	.0091903	.0000899
%RSD	58.29906	3166.618	29.72990	65.30729	45.75597	11.80854	.4788609

#1	.0064208	-.002583	.0022202	.0056582	.0040434	.0672511	.0188598
#2	.0016825	.001237	.0041166	.0038421	.0023563	.0823685	.0186802
#3	.0071208	.001565	.0036729	.0010828	.0016535	.0838644	.0187636

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000110	-.000225	167.1102	.0047082	-.000477	.0360205	.0059479
Stddev	.000088	.000084	.7499	.0004394	.000488	.0011291	.0074648
%RSD	80.44075	37.52244	.4487441	9.332638	102.3811	3.134526	125.5047

#1	-.000095	-.000267	166.4061	.0042178	.000025	.0356716	-.001576
#2	-.000030	-.000128	167.0258	.0050659	-.000950	.0372828	.006067
#3	-.000204	-.000280	167.8988	.0048411	-.000505	.0351070	.013352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004551	3.025868	.0067840	-.000375	273.1129	.0128768	.0053997
Stddev	.0003878	.056805	.0001190	.000273	1.9374	.0010941	.0002005
%RSD	85.19920	1.877302	1.753829	72.74974	.7093871	8.496839	3.712590

#1	.0002909	2.963017	.0067416	-.000253	270.9793	.0116980	.0052226
#2	.0008980	3.041044	.0066919	-.000185	273.5970	.0138597	.0053591
#3	.0001765	3.073544	.0069183	-.000688	274.7624	.0130728	.0056173

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.795191	.0585364	.0322456	.0055696	25.04451	1.686123	-.002997
Stddev	.092658	.0039536	.0002710	.0004006	.05854	.006220	.001464
%RSD	1.053503	6.754058	.8404303	7.192943	.2337414	.3688860	48.85609

#1	8.691591	.0621367	.0319724	.0052484	25.09229	1.689842	-.002022
#2	8.870137	.0591671	.0322500	.0054419	25.06202	1.689585	-.002288
#3	8.823846	.0543053	.0325144	.0060185	24.97921	1.678943	-.004681

Sample Name: K5131-19 Acquired: 10/03/2019 16:49:12 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004427	.0108043	.5990304
Stddev	.000604	.0011533	.0038979
%RSD	13.63727	10.67439	.6506960

#1	-.004747	.0111516	.5947821
#2	-.004803	.0117441	.5998670
#3	-.003731	.0095173	.6024420

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1266.476	2366.247	29644.59	5868.951	2378.351
Stddev	7.772	4.005	253.18	38.246	3.560
%RSD	.6136935	.1692346	.8540522	.6516706	.1496824

#1	1257.502	2361.842	29366.55	5828.416	2374.251
#2	1270.905	2367.231	29705.37	5874.036	2380.146
#3	1271.022	2369.668	29861.85	5904.400	2380.657

Sample Name: PB123589BL Acquired: 10/03/2019 16:56:55 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB123589BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000205	-.000123	.0011238	-.001440	.0004867	-.000044	.0000605
Stddev	.004601	.000688	.0008081	.003229	.0017646	.007367	.0002332
%RSD	2241.095	557.7397	71.90610	224.1846	362.5557	16765.66	385.2371

#1	.003820	.000367	.0020568	-.003479	-.000756	-.001549	-.000054
#2	-.005221	.000172	.0006497	.002282	.002507	-.006542	-.000093
#3	.000786	-.000910	.0006648	-.003124	-.000290	.007959	.000329

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000003	-.000091	-.006696	-.000061	-.000221	.0007716	-.005919
Stddev	.000006	.000048	.005388	.000223	.000412	.0010988	.005548
%RSD	174.7663	52.61794	80.46796	369.2121	186.1312	142.4071	93.73939

#1	-.000003	-.000040	-.002773	-.000129	-.000492	.0013806	-.011963
#2	.000003	-.000135	-.004476	-.000242	-.000425	.0014310	-.001058
#3	-.000009	-.000098	-.012839	.000189	.000253	-.000497	-.004735

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000444	.0201270	-.000557	.0000154	-.127653	.0012831	-.000390
Stddev	.000455	.0119143	.000411	.0001885	.197912	.0017075	.000364
%RSD	102.4050	59.19580	73.78018	1226.453	155.0392	133.0817	93.30058

#1	-.000785	.0063742	-.000417	.0001290	-.286122	-.000074	-.000676
#2	.000072	.0273137	-.001020	.0001194	.094182	.003200	.000019
#3	-.000619	.0266931	-.000234	-.000202	-.191018	.000723	-.000513

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1292935	-.001734	-.004453	-.000225	.0031584	-.004024	-.000170
Stddev	.0519038	.002316	.000477	.000759	.0046547	.001523	.000211
%RSD	40.14421	133.5674	10.71759	336.6262	147.3738	37.85800	123.8773

#1	.1215389	-.004125	-.004720	-.000108	.0040903	-.005420	-.000394
#2	.0817032	.000498	-.004737	-.001036	-.001892	-.004251	.000024
#3	.1846383	-.001575	-.003902	.000468	.007277	-.002399	-.000141

Sample Name: PB123589BL Acquired: 10/03/2019 16:56:55 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB123589BL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000435	.0033267	.0000069
Stddev	.000848	.0014452	.0001139
%RSD	195.2120	43.44261	1653.641

#1	-.000295	.0017395	-.000094
#2	-.001344	.0045666	-.000015
#3	.000335	.0036739	.000130

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1365.607	2526.630	31433.23	5919.532	2618.736
Stddev	14.600	4.160	147.30	65.271	6.755
%RSD	1.069110	.1646471	.4686082	1.102640	.2579560

#1	1350.226	2524.298	31274.94	5946.390	2616.151
#2	1367.322	2524.159	31566.27	5967.089	2613.655
#3	1379.274	2531.433	31458.50	5845.117	2626.402

Sample Name: PB123597BL Acquired: 10/03/2019 17:00:47 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016904	-.001707	.0001640	-.001282	-.000385	.0062940	-.000084
Stddev	.0006830	.002034	.0006405	.001195	.001681	.0098459	.000352
%RSD	40.40702	119.1299	390.5485	93.16932	436.2064	156.4319	420.1341

#1	.0024587	-.003023	.0005031	-.002607	-.002225	-.000618	.000244
#2	.0014605	-.002733	-.000575	-.000954	-.000002	.001933	-.000039
#3	.0011520	.000635	.000564	-.000286	.001071	.017567	-.000456

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000265	-.000058	-.008186	.0000521	-.000046	.0010650	-.002741
Stddev	.0000344	.000020	.007682	.0002531	.000270	.0002417	.003548
%RSD	129.7636	34.70965	93.84054	485.5712	591.8380	22.69247	129.4467

#1	.0000623	-.000066	.000631	-.000234	.000072	.0013269	.000414
#2	-.000006	-.000035	-.011753	.000246	.000145	.0008506	-.002055
#3	.000024	-.000072	-.013436	.000144	-.000354	.0010176	-.006583

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000243	.0232898	.0000756	-.000079	.0896999	-.000402	-.000142
Stddev	.000173	.0326820	.0003456	.000317	.0930247	.001841	.000134
%RSD	70.94349	140.3271	456.9457	398.8430	103.7066	458.5873	94.52689

#1	-.000049	.0525941	.0001325	-.000445	.0203252	-.002524	-.000267
#2	-.000381	-.011955	-.000295	.000080	.0533664	.000762	-.000158
#3	-.000300	.029230	.000389	.000126	.1954080	.000558	-.000000

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143976	-.000737	-.005560	-.000418	.0005388	-.004110	.0005042
Stddev	.0899213	.003221	.001173	.000247	.0011952	.001107	.0005322
%RSD	624.5596	436.8279	21.10006	59.16361	221.8255	26.94574	105.5534

#1	.0370689	.002679	-.004500	-.000505	.0015743	-.005256	.0009336
#2	-.084690	-.001171	-.005358	-.000139	.0008112	-.004029	.0006703
#3	.090814	-.003720	-.006820	-.000610	-.000769	-.003045	-.000091

Sample Name: PB123597BL Acquired: 10/03/2019 17:00:47 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000267	.0014095	-.000017
Stddev	.000446	.0006945	.000073
%RSD	166.6599	49.27117	430.0881

#1	-.000280	.0018062	.000037
#2	-.000707	.0006076	-.000101
#3	.000184	.0018147	.000012

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1352.895	2524.384	31201.45	5889.237	2623.263
Stddev	6.895	1.576	128.55	40.356	1.698
%RSD	.5096142	.0624404	.4120019	.6852502	.0647120

#1	1359.122	2523.753	31053.90	5907.954	2622.002
#2	1345.485	2523.221	31261.20	5842.921	2622.593
#3	1354.077	2526.178	31289.25	5916.836	2625.193

Sample Name: PB123597TB Acquired: 10/03/2019 17:04:38 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001202	-.002765	-.000276	.0018276	-.000314	.0006618
Stddev	.002349	.001611	.001671	.0029852	.001037	.0032674
%RSD	195.4493	58.25570	604.7615	163.3404	330.3067	493.7096

#1	-.002447	-.004620	-.001285	.0043514	-.000350	-.001713
#2	.001508	-.001951	-.001196	.0025990	.000740	.004388
#3	-.002667	-.001723	.001653	-.001468	-.001332	-.000690

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000388	-.000135	-.000161	.0110276	.0006664	-.000387
Stddev	.000637	.000062	.000047	.0028167	.0002623	.000255
%RSD	164.0927	46.09494	29.23426	25.54209	39.35671	65.86775

#1	.000159	-.000087	-.000107	.0142440	.0008459	-.000430
#2	-.001087	-.000113	-.000195	.0090012	.0003654	-.000113
#3	-.000237	-.000205	-.000180	.0098376	.0007880	-.000618

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013558	.0016328	-.000087	.0084176	.0038740	.0011377
Stddev	.0005104	.0043539	.000269	.0434859	.0002039	.0002769
%RSD	37.64655	266.6510	308.9914	516.6096	5.263780	24.33774

#1	.0018526	-.003365	.000173	.0483709	.0040135	.0008338
#2	.0013820	.003664	-.000070	.0147814	.0039685	.0013757
#3	.0008328	.004600	-.000364	-.037900	.0036399	.0012036

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 261.1025	-.000918	.0079611	.0765802	.0015920	-.003491
Stddev	.8705	.004368	.0003312	.0259688	.0024789	.000363
%RSD	.3333927	475.8966	4.160104	33.91054	155.7104	10.40542

#1	260.2828	-.000752	.0082961	.0735259	.0041555	-.003829
#2	261.0084	.003365	.0076339	.1039410	-.000793	-.003107
#3	262.0162	-.005367	.0079533	.0522736	.001413	-.003539

Sample Name: PB123597TB Acquired: 10/03/2019 17:04:38 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001450	.0092999	.0033680	.0005101	-.000942	.0036256
Stddev	.0002261	.0023487	.0001424	.0006847	.000508	.0021719
%RSD	155.9484	25.25545	4.228681	134.2277	53.94601	59.90549

#1	.0001151	.0096925	.0033532	-.000198	-.000980	.0053040
#2	-.000065	.0114276	.0032336	.001168	-.000416	.0044002
#3	.000384	.0067796	.0035173	.000560	-.001430	.0011725

Elem	Sr4077
Units	ppm
Avg	-.000015
Stddev	.000024
%RSD	163.7159

#1	-.000037
#2	-.000019
#3	.000011

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1270.762	2379.909	29562.78	5792.048	2410.864
Stddev	4.688	11.825	305.88	23.677	11.851
%RSD	.3689171	.4968822	1.034689	.4087891	.4915517

#1	1270.554	2366.289	29784.17	5768.515	2397.478
#2	1266.182	2385.887	29213.75	5791.761	2415.097
#3	1275.551	2387.552	29690.42	5815.867	2420.017

Sample Name: K5140-01 Acquired: 10/03/2019 17:08:31 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HR-05-100219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0365421	-.007401	.5615244	.0263901	.0040529	78.93185	.6369621
Stddev	.0011590	.004133	.0009182	.0029742	.0016580	.52418	.0041332
%RSD	3.171567	55.84125	.1635144	11.26997	40.90891	.6640914	.6488944

#1	.0361275	-.009628	.5605024	.0279539	.0021483	78.32986	.6322159
#2	.0378513	-.002632	.5617911	.0282562	.0048367	79.17835	.6389006
#3	.0356475	-.009941	.5622797	.0229603	.0051735	79.28735	.6397698

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062982	-.000459	64.90517	.1445696	.0725662	.4463200	184.8103
Stddev	.0000848	.000117	.44227	.0006032	.0001539	.0041155	1.3180
%RSD	1.345746	25.55268	.6814171	.4172507	.2121142	.9221058	.7131898

#1	.0062883	-.000368	64.39448	.1438820	.0726511	.4417542	183.3204
#2	.0063874	-.000591	65.16129	.1450099	.0726590	.4474614	185.8243
#3	.0062188	-.000418	65.15975	.1448169	.0723885	.4497443	185.2863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.556144	33.37514	.1571013	.0020367	7.651769	.2624255	.9170149
Stddev	.028794	.28785	.0009187	.0001239	.136343	.0025148	.0011803
%RSD	.8096834	.8624582	.5847604	6.084821	1.781846	.9582958	.1287154

#1	3.523335	33.04277	.1566456	.0021724	7.795005	.2595236	.9162693
#2	3.577210	33.54229	.1564995	.0019295	7.523566	.2639682	.9183758
#3	3.567886	33.54037	.1581587	.0020082	7.636735	.2637848	.9163997

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.23107	4.592414	.0404100	.0045911	4.155037	2.767026	.0123572
Stddev	.11256	.032658	.0035208	.0000574	.021173	.004665	.0013319
%RSD	1.002193	.7111249	8.712821	1.250469	.5095738	.1685976	10.77857

#1	11.15255	4.582007	.0363584	.0045451	4.152081	2.769111	.0110654
#2	11.36003	4.566228	.0427269	.0046555	4.135497	2.770285	.0122804
#3	11.18064	4.629007	.0421447	.0045728	4.177532	2.761682	.0137259

Sample Name: K5140-01 Acquired: 10/03/2019 17:08:31 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HR-05-100219 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.871629	.1081042	.3221488
Stddev	.014071	.0031596	.0023995
%RSD	.4899986	2.922716	.7448419

#1	2.855608	.1048049	.3197109
#2	2.881983	.1111025	.3222277
#3	2.877295	.1084051	.3245079

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1566.543	2905.241	36276.93	6933.860	2568.321
Stddev	6.070	4.412	153.01	11.652	5.025
%RSD	.3874870	.1518707	.4217824	.1680497	.1956460

#1	1565.854	2905.639	36190.66	6945.794	2572.119
#2	1560.847	2909.441	36186.53	6922.512	2570.220
#3	1572.929	2900.644	36453.59	6933.273	2562.623

Sample Name: K5143-01 Acquired: 10/03/2019 17:12:14 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: NB-08-100219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0983447	-.021713	1.890974	.0511307	.0068809	122.9560	1.077989
Stddev	.0019558	.002358	.010502	.0037218	.0017316	1.0091	.011833
%RSD	1.988666	10.85806	.5553882	7.278913	25.16577	.8206809	1.097646

#1	.0981056	-.019207	1.892627	.0473940	.0055210	121.9599	1.069887
#2	.0965195	-.023887	1.879744	.0511609	.0088303	122.9306	1.072512
#3	.1004091	-.022045	1.900553	.0548373	.0062912	123.9775	1.091568

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172753	-.001463	21.33057	.2173344	.2004545	.4331648	332.8987
Stddev	.0001081	.000085	.21781	.0009897	.0004179	.0028823	2.5902
%RSD	.6255550	5.795699	1.021114	.4553710	.2084813	.6654085	.7780840

#1	.0173619	-.001502	21.18094	.2184165	.2000051	.4306806	331.2879
#2	.0171542	-.001366	21.23031	.2171117	.2005272	.4324888	331.5216
#3	.0173099	-.001521	21.58045	.2164751	.2008313	.4363251	335.8866

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.115966	49.63114	.2415390	.0015028	2.806548	.4344035	1.344130
Stddev	.054994	.33598	.0007742	.0002341	.173976	.0039300	.004454
%RSD	.8991810	.6769475	.3205207	15.57693	6.198921	.9046789	.3314004

#1	6.094654	49.42739	.2406890	.0013612	2.699707	.4301915	1.346709
#2	6.074818	49.44709	.2417242	.0013742	3.007299	.4350470	1.346695
#3	6.178426	50.01892	.2422038	.0017730	2.712637	.4379720	1.338987

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.68140	9.371637	-.168272	.0099301	3.369995	2.084428	.2839446
Stddev	.14698	.028968	.006083	.0005077	.006234	.024590	.0012120
%RSD	.8811251	.3091017	3.614839	5.112220	.1849847	1.179685	.4268551

#1	16.53235	9.350433	-.172712	.0097102	3.369841	2.071233	.2852791
#2	16.68562	9.404643	-.161339	.0105106	3.363839	2.069253	.2836426
#3	16.82623	9.359836	-.170766	.0095694	3.376305	2.112799	.2829122

Sample Name: K5143-01 Acquired: 10/03/2019 17:12:14 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: NB-08-100219 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.484727	.2026149	.2739216
Stddev	.015980	.0039069	.0019914
%RSD	.6431377	1.928245	.7270051

#1	2.467863	.2009704	.2716535
#2	2.486673	.1997990	.2747275
#3	2.499646	.2070752	.2753837

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1727.332	3214.794	40082.37	7657.274	2520.333
Stddev	7.840	6.719	214.83	64.707	7.686
%RSD	.4538950	.2090170	.5359675	.8450401	.3049702

#1	1723.116	3214.478	39988.62	7630.205	2521.064
#2	1722.502	3221.666	39930.35	7731.120	2527.628
#3	1736.379	3208.239	40328.14	7610.497	2512.307

Sample Name: K5155-01 Acquired: 10/03/2019 17:15:53 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: STOCKPILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0370149	-.052071	1.407029	.0835630	.0114163	293.1770	2.889940
Stddev	.0020996	.005273	.004527	.0044516	.0010393	5.7666	.008086
%RSD	5.672208	10.12699	.3217226	5.327179	9.103712	1.966946	.2797998

#1	.0381821	-.052014	1.402846	.0809570	.0102859	288.4306	2.897341
#2	.0382716	-.046826	1.406406	.0810290	.0123305	291.5059	2.881310
#3	.0345911	-.057372	1.411834	.0887031	.0116325	299.5947	2.891171

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0256134	-.002892	95.16389	.4820421	.3882272	.7500093	562.0930
Stddev	.0002812	.000259	.25771	.0007771	.0016601	.0047766	3.2144
%RSD	1.097949	8.957463	.2708046	.1612102	.4276205	.6368737	.5718609

#1	.0259381	-.002688	95.31284	.4826852	.3863371	.7465047	560.5319
#2	.0254560	-.002805	94.86632	.4811786	.3888952	.7480732	559.9573
#3	.0254461	-.003183	95.31251	.4822625	.3894492	.7554500	565.7898

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.33631	167.3994	.7689246	.0027612	5.107203	.6591902	2.084363
Stddev	.05116	.6936	.0020196	.0008146	.086980	.0018427	.001823
%RSD	.4147266	.4143430	.2626459	29.50036	1.703094	.2795398	.0874717

#1	12.34349	167.4142	.7665979	.0024850	5.046442	.6585895	2.086139
#2	12.28194	166.6985	.7702239	.0021207	5.068325	.6577227	2.084452
#3	12.38351	168.0855	.7699521	.0036780	5.206841	.6612582	2.082496

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.23610	9.171336	-.173441	.0041572	2.899826	6.770492	.0181228
Stddev	.13823	.008964	.014318	.0003372	.015430	.112361	.0008509
%RSD	.3615159	.0977372	8.255152	8.111341	.5320904	1.659572	4.695449

#1	38.12351	9.178598	-.189656	.0037764	2.899418	6.855195	.0178222
#2	38.19442	9.174091	-.168123	.0042769	2.915455	6.643029	.0174629
#3	38.39038	9.161318	-.162542	.0044181	2.884604	6.813253	.0190832

Sample Name: K5155-01 Acquired: 10/03/2019 17:15:53 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: STOCKPILE Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.164625	.9443836	.5566967
Stddev	.014533	.0036846	.0034916
%RSD	.3489553	.3901555	.6272007

#1	4.151271	.9481774	.5532852
#2	4.162503	.9408190	.5565418
#3	4.180103	.9441545	.5602632

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1705.922	3181.006	39982.64	7809.672	2348.045
Stddev	3.494	5.679	94.72	71.588	6.131
%RSD	.2048419	.1785256	.2369057	.9166581	.2611219

#1	1705.946	3187.511	40091.99	7727.011	2353.974
#2	1702.416	3177.037	39929.79	7851.528	2341.730
#3	1709.404	3178.470	39926.14	7850.476	2348.429

Sample Name: K5158-01 Acquired: 10/03/2019 17:19:40 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ROLL-OFF Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0444508	-.025894	.8636662	.0487769	.0097476	168.4865	1.320297
Stddev	.0032208	.000749	.0046814	.0016145	.0009907	1.6445	.019094
%RSD	7.245855	2.890759	.5420430	3.309920	10.16309	.9760706	1.446164

#1	.0448695	-.026524	.8588557	.0486042	.0106853	167.1624	1.306435
#2	.0474419	-.026092	.8682070	.0504708	.0098462	167.9697	1.312380
#3	.0410411	-.025067	.8639358	.0472557	.0087113	170.3274	1.342076

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123796	.0008406	70.64628	.2792374	.1909957	.5187124	318.6414
Stddev	.0000592	.0000683	.94423	.0005628	.0008103	.0030903	3.7075
%RSD	.4778595	8.120938	1.336555	.2015562	.4242454	.5957634	1.163533

#1	.0123165	.0008197	69.88901	.2797527	.1906403	.5184621	315.8254
#2	.0123885	.0007852	70.34560	.2786368	.1919230	.5157549	317.2570
#3	.0124338	.0009169	71.70423	.2793228	.1904239	.5219202	322.8419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.656343	85.00983	.4113548	.0023177	11.42319	.4025263	2.019140
Stddev	.089922	.88451	.0004366	.0001342	.03131	.0017437	.013511
%RSD	1.350926	1.040479	.1061430	5.788132	.2741278	.4331881	.6691257

#1	6.600301	84.42677	.4115945	.0024548	11.39350	.4045024	2.032259
#2	6.608665	84.57515	.4108508	.0021867	11.42016	.4012039	2.019892
#3	6.760064	86.02758	.4116191	.0023115	11.45591	.4018726	2.005270

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.01973	8.240880	.0391054	.0041903	3.512253	4.110879	.0143248
Stddev	.14168	.023248	.0043905	.0004303	.019184	.016846	.0014350
%RSD	.6434337	.2821038	11.22731	10.26902	.5462051	.4097976	10.01790

#1	21.86375	8.214319	.0362404	.0045984	3.505295	4.109437	.0152009
#2	22.05497	8.250796	.0369157	.0042318	3.497519	4.128400	.0151047
#3	22.14046	8.257527	.0441601	.0037408	3.533945	4.094800	.0126687

Sample Name: K5158-01 Acquired: 10/03/2019 17:19:40 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ROLL-OFF Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.138172	.3735811	.3113489
Stddev	.037199	.0094556	.0019265
%RSD	.8989318	2.531058	.6187514

#1	4.117834	.3666064	.3093379
#2	4.115576	.3697937	.3115307
#3	4.181106	.3843433	.3131780

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1731.629	3234.901	40332.51	7830.065	2436.905
Stddev	14.520	3.945	169.88	45.813	2.044
%RSD	.8385426	.1219552	.4212061	.5850895	.0838611

#1	1714.878	3239.451	40254.79	7823.380	2439.260
#2	1740.646	3232.442	40527.35	7878.854	2435.860
#3	1739.362	3232.809	40215.38	7787.962	2435.595

Sample Name: K5094-06 Acquired: 10/03/2019 17:23:20 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB123589BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018323	-.001427	.0002881	-.001561	.0008112	.0680074	.0263790
Stddev	.0007003	.000917	.0012774	.003762	.0009051	.0045426	.0003644
%RSD	38.21703	64.22568	443.4147	240.9602	111.5631	6.679576	1.381407

#1	.0022064	-.001497	.0010297	-.001204	.0014139	.0672177	.0262302
#2	.0010245	-.000478	-.001187	.002009	-.000229	.0728931	.0267943
#3	.0022662	-.002307	.001021	-.005488	.001249	.0639114	.0261125

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000007	-.000068	.2014637	.0005611	.0002558	.0022186	.0749439
Stddev	.000052	.000052	.0019809	.0005578	.0003489	.0025708	.0350893
%RSD	722.3528	76.48365	.9832430	99.41696	136.3562	115.8732	46.82071

#1	-.000057	-.000060	.2020050	.0003571	.0006558	.0049514	.1110845
#2	.000047	-.000021	.2031176	.0011921	.0000977	.0018559	.0727370
#3	-.000012	-.000124	.1992684	.0001340	.0000141	-.000152	.0410101

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065308	.1094151	.0003888	-.000000	27.24038	-.002953	.0183528
Stddev	.0002563	.0247333	.0002349	.000575	.37831	.002540	.0002500
%RSD	3.924627	22.60501	60.42690	33e6	1.388800	86.01806	1.362418

#1	.0068266	.0822309	.0003032	.000362	26.81049	-.003366	.0181478
#2	.0063742	.1154243	.0002087	.000301	27.52252	-.005261	.0186314
#3	.0063917	.1305902	.0006546	-.000663	27.38812	-.000232	.0182792

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0629471	.0004902	.0042548	-.000217	.1367150	.0101946	-.000691
Stddev	.0452714	.0026921	.0014816	.000259	.0015875	.0006829	.000331
%RSD	71.91973	549.1270	34.82255	119.5168	1.161178	6.698121	47.99671

#1	.0252235	.0035954	.0048710	.000001	.1348831	.0107271	-.000316
#2	.1131489	-.000937	.0025645	-.000504	.1375741	.0094248	-.000812
#3	.0504689	-.001187	.0053289	-.000147	.1376879	.0104321	-.000944

Sample Name: K5094-06 Acquired: 10/03/2019 17:23:20 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PB123589BS Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013426	-.000331	.0011195
Stddev	.0007098	.001395	.0000367
%RSD	52.86700	421.7683	3.275651

#1	.0021322	-.001937	.0011529
#2	.0007575	.000578	.0011254
#3	.0011382	.000366	.0010803

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1359.049	2526.632	31138.28	5915.955	2627.381
Stddev	5.839	6.589	5.05	36.107	2.352
%RSD	.4296282	.2607771	.0162188	.6103399	.0895231

#1	1353.032	2521.049	31132.53	5884.219	2624.951
#2	1364.691	2533.899	31142.01	5955.240	2629.647
#3	1359.424	2524.946	31140.31	5908.407	2627.546

Sample Name: CCV03 Acquired: 10/03/2019 17:27:14 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV15547 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.933533	4.938651	4.970304	4.911184	4.999578	9.860272	9.798479
Stddev	.015575	.020675	.009599	.012564	.007725	.077205	.046900
%RSD	.3156914	.4186333	.1931261	.2558171	.1545166	.7829950	.4786437

#1	4.949818	4.940155	4.974422	4.922845	5.008257	9.785483	9.848917
#2	4.918782	4.917266	4.959333	4.897880	4.997025	9.855647	9.756185
#3	4.931999	4.958533	4.977156	4.912828	4.993453	9.939685	9.790334

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2490641	2.479600	24.62093	.9965843	2.490878	1.250447	4.907669
Stddev	.0011534	.005479	.17330	.0014873	.003511	.009984	.009284
%RSD	.4631038	.2209638	.7038528	.1492416	.1409473	.7984571	.1891644

#1	.2499960	2.481115	24.44442	.9975465	2.490357	1.240056	4.899680
#2	.2494222	2.473522	24.62757	.9973352	2.487657	1.251316	4.917853
#3	.2477741	2.484161	24.79082	.9948712	2.494620	1.259968	4.905473

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.470791	24.56420	2.501870	1.241775	24.71031	2.467230	2.489349
Stddev	.016103	.24531	.003398	.006821	.14356	.015747	.004605
%RSD	.6517321	.9986423	.1358211	.5492787	.5809704	.6382262	.1850059

#1	2.452469	24.30077	2.503616	1.249145	24.54626	2.450319	2.487153
#2	2.477207	24.60573	2.497954	1.235685	24.81295	2.469899	2.486252
#3	2.482697	24.78609	2.504040	1.240496	24.77172	2.481471	2.494641

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.49182	5.037420	4.976239	4.995600	4.899292	4.882796	5.024982
Stddev	.15220	.007287	.035468	.011585	.021124	.021944	.013524
%RSD	.6214262	.1446522	.7127442	.2319103	.4311690	.4494222	.2691319

#1	24.32410	5.045013	5.009148	5.004747	4.915383	4.897394	5.035323
#2	24.62114	5.036763	4.980897	4.982572	4.875371	4.893433	5.009678
#3	24.53022	5.030484	4.938673	4.999481	4.907122	4.857560	5.029946

Sample Name: CCV03 Acquired: 10/03/2019 17:27:14 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV15547 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.942732	4.779128	4.885270
Stddev	.039353	.024032	.018790
%RSD	.7961812	.5028596	.3846250

#1	4.900664	4.751462	4.868641
#2	4.948888	4.791089	4.881515
#3	4.978645	4.794833	4.905654

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1361.810	2541.887	31543.68	6018.454	2537.053
Stddev	7.673	2.592	92.29	23.270	3.340
%RSD	.5634324	.1019911	.2925779	.3866485	.1316538

#1	1366.404	2539.438	31449.28	5994.708	2535.584
#2	1366.074	2544.603	31633.70	6019.437	2540.876
#3	1352.952	2541.622	31548.05	6041.218	2534.698

Sample Name: CCB03 Acquired: 10/03/2019 17:30:59 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15547 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000680	.0005526	.0003296	.0003150	.0017477	.0062113	.0012803
Stddev	.001584	.0021777	.0011898	.0026093	.0016374	.0109075	.0005052
%RSD	233.0293	394.1155	360.9750	828.2603	93.68800	175.6076	39.45738

#1	-.000413	.0010168	.0008327	-.002497	.0027149	.0132647	.0018616
#2	.000754	.0024607	.0011853	.000784	.0026710	.0117211	.0009479
#3	-.002380	-.001820	-.001029	.002658	-.000143	-.006352	.0010313

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000070	-.000000	-.001878	-.000284	-.000162	-.000545	-.004616
Stddev	.000033	.000060	.008994	.000477	.000038	.000838	.003536
%RSD	47.57357	41317.14	478.9737	167.8662	23.15826	153.6438	76.59272

#1	-.000108	-.000001	-.005743	.000154	-.000120	.000205	-.001658
#2	-.000044	-.000060	.008403	-.000215	-.000176	-.001450	-.008532
#3	-.000059	.000060	-.008293	-.000792	-.000191	-.000391	-.003659

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000120	.0284200	.0002180	-.000288	.0693707	.0003680	.0000718
Stddev	.0000860	.0161898	.0006792	.000426	.1079325	.0026066	.0000989
%RSD	714.7889	56.96617	311.5203	148.0048	155.5881	708.2792	137.7346

#1	-.000010	.0470568	.0008447	-.000377	.0518828	.0033764	.0001859
#2	.000107	.0178326	-.000504	-.000661	-.028750	-.001057	.0000146
#3	-.000061	.0203705	.000313	.000176	.184979	-.001216	.0000148

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0560191	-.000360	.0040376	.0006787	.0015368	.0019478	.0010441
Stddev	.0790724	.003790	.0009828	.0002975	.0007049	.0008091	.0005014
%RSD	141.1526	1053.939	24.34220	43.82948	45.86861	41.53883	48.01896

#1	.0132395	-.004164	.0041616	.0010139	.0008799	.0019294	.0012047
#2	.1472649	.003417	.0049526	.0004458	.0022815	.0011481	.0004821
#3	.0075528	-.000332	.0029986	.0005765	.0014491	.0027660	.0014454

Sample Name: CCB03 Acquired: 10/03/2019 17:30:59 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB15547 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011327	-.000193	.0005312
Stddev	.0010744	.001829	.0002810
%RSD	94.85945	948.6892	52.89726

#1	.0023442	-.000163	.0008445
#2	.0002953	-.002037	.0004473
#3	.0007586	.001621	.0003016

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1361.706	2521.630	31261.61	5936.446	2619.232
Stddev	9.349	6.702	133.90	11.121	3.059
%RSD	.6865716	.2657908	.4283241	.1873377	.1167814

#1	1351.239	2528.286	31119.98	5948.581	2622.366
#2	1364.652	2521.724	31278.70	5934.017	2619.076
#3	1369.228	2514.882	31386.15	5926.740	2616.254

Sample Name: K5165-01 Acquired: 10/03/2019 17:34:52 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: NBP-2019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1047876	-.019131	4.164873	.0469915	.0079431	175.8591	1.692068
Stddev	.0002000	.003193	.006426	.0040658	.0015762	1.0072	.005196
%RSD	.1908105	16.69106	.1542974	8.652252	19.84351	.5727458	.3070661

#1	.1046207	-.018982	4.170772	.0508530	.0094132	174.8579	1.686820
#2	.1050092	-.022395	4.158025	.0427483	.0062788	175.8473	1.692174
#3	.1047329	-.016014	4.165823	.0473733	.0081372	176.8722	1.697210

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129715	.0037213	516.4826	.3855116	.1678332	.8070492	285.6419
Stddev	.0000782	.0001242	10.0007	.0008736	.0004471	.0035286	1.3137
%RSD	.6026889	3.338437	1.936304	.2266006	.2664025	.4372208	.4599284

#1	.0129988	.0035996	506.7907	.3857298	.1673293	.8033244	284.6880
#2	.0128834	.0037163	515.8913	.3845496	.1681823	.8074813	285.0974
#3	.0130324	.0038479	526.7658	.3862554	.1679881	.8103418	287.1404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.842901	116.6982	.3813925	.0033732	9.980121	.6012481	2.863762
Stddev	.033284	.7041	.0009813	.0002667	.209958	.0051622	.004044
%RSD	.4864063	.6033287	.2572964	7.905682	2.103762	.8585744	.1412258

#1	6.831303	116.2156	.3812353	.0032865	9.753303	.5981063	2.868293
#2	6.816968	116.3729	.3804992	.0031606	10.01939	.5984321	2.860518
#3	6.880433	117.5061	.3824429	.0036724	10.16767	.6072059	2.862474

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.17717	11.08165	.1025803	.0132232	16.53165	2.663409	.0936363
Stddev	.12157	.03315	.0012781	.0002762	.07800	.024952	.0011054
%RSD	.4028485	.2991089	1.245980	2.088359	.4718025	.9368292	1.180475

#1	30.06371	11.10601	.1011342	.0129298	16.59615	2.674891	.0927572
#2	30.16232	11.04390	.1035585	.0132617	16.44496	2.680552	.0932744
#3	30.30548	11.09504	.1030483	.0134780	16.55384	2.634783	.0948772

Sample Name: K5165-01 Acquired: 10/03/2019 17:34:52 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: NBP-2019 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.507460	.2709102	2.139483
Stddev	.029069	.0003884	.010883
%RSD	.4466959	.1433553	.5086690

#1	6.475855	.2707580	2.127569
#2	6.513472	.2713516	2.141980
#3	6.533052	.2706209	2.148901

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1601.125	2967.787	37655.82	7410.978	2246.559
Stddev	8.691	3.619	50.53	28.770	4.033
%RSD	.5428344	.1219368	.1341887	.3882081	.1795411

#1	1610.855	2963.610	37710.34	7405.394	2246.609
#2	1594.131	2969.806	37646.56	7442.130	2250.567
#3	1598.389	2969.947	37610.56	7385.408	2242.500

Sample Name: K5165-01DUP Acquired: 10/03/2019 17:38:41 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: NBP-2019DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1060993	-.022465	4.073386	.0432163	.0083338	176.1017	1.707677
Stddev	.0053627	.003019	.006919	.0018189	.0029675	.9814	.012916
%RSD	5.054430	13.43766	.1698671	4.208845	35.60848	.5572778	.7563596

#1	.1109467	-.021368	4.068264	.0445654	.0053457	174.9720	1.693108
#2	.1070128	-.025879	4.070635	.0439357	.0112804	176.5892	1.717726
#3	.1003386	-.020148	4.081257	.0411477	.0083753	176.7438	1.712196

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130640	.0036742	519.8169	.3768457	.1675718	.8143988	288.5519
Stddev	.0001045	.0000538	9.1352	.0006081	.0013464	.0050251	1.9828
%RSD	.8002212	1.463112	1.757397	.1613591	.8034953	.6170377	.6871434

#1	.0129527	.0037281	509.7706	.3771112	.1684500	.8094938	286.2807
#2	.0131602	.0036206	522.0551	.3761501	.1660217	.8141665	289.9374
#3	.0130792	.0036741	527.6251	.3772759	.1682438	.8195361	289.4376

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.898070	120.8852	.3794217	.0034603	10.02406	.6083198	2.775422
Stddev	.062730	.9046	.0011929	.0002172	.15417	.0083016	.010684
%RSD	.9093878	.7483067	.3143875	6.278138	1.538045	1.364678	.3849552

#1	6.825698	119.8407	.3781427	.0036745	9.92970	.5990162	2.787708
#2	6.931651	121.4138	.3796187	.0032401	10.20198	.6109721	2.768313
#3	6.936862	121.4010	.3805039	.0034662	9.94051	.6149712	2.770244

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.49338	11.12342	.0839667	.0130805	16.66877	2.685546	.0936973
Stddev	.16048	.02480	.0048325	.0004328	.08964	.034148	.0015100
%RSD	.5262907	.2229969	5.755216	3.308648	.5377598	1.271562	1.611582

#1	30.30885	11.09494	.0784232	.0131314	16.68866	2.664725	.0953637
#2	30.57093	11.13508	.0872906	.0134856	16.57086	2.666957	.0924197
#3	30.60037	11.14025	.0861863	.0126245	16.74679	2.724956	.0933084

Sample Name: K5165-01DUP Acquired: 10/03/2019 17:38:41 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: NBP-2019DUP Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.487454	.2752133	2.107034
Stddev	.045473	.0033451	.007383
%RSD	.7009303	1.215474	.3504021
#1	6.435913	.2715460	2.098534
#2	6.504544	.2780974	2.110714
#3	6.521906	.2759965	2.111854

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1588.979	2962.951	37312.08	7359.046	2241.603
Stddev	6.975	5.725	170.91	22.104	1.127
%RSD	.4389823	.1932349	.4580688	.3003638	.0502986
#1	1581.164	2962.284	37139.95	7377.857	2242.903
#2	1591.199	2957.588	37481.75	7334.701	2241.019
#3	1594.575	2968.980	37314.53	7364.579	2240.887

Sample Name: K5165-01LX5 Acquired: 10/03/2019 17:42:30 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA8604 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0347870	.0002482	.8100041	.0107150	.0006904	40.68678	.4030773
Stddev	.0023301	.0011186	.0011482	.0018255	.0019985	.39698	.0029951
%RSD	6.698171	450.6141	.1417472	17.03729	289.4835	.9756912	.7430566

#1	.0372840	.0015399	.8109513	.0123682	-.001444	40.27993	.4022321
#2	.0326707	-.000401	.8087271	.0110211	.000998	40.70732	.4005957
#3	.0344064	-.000394	.8103339	.0087558	.002517	41.07308	.4064042

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032458	.0002951	126.5827	.0939470	.0310421	.1984152	71.49948
Stddev	.0000673	.0001176	.9357	.0001492	.0002787	.0027895	.49700
%RSD	2.072210	39.86178	.7392295	.1587673	.8978777	1.405900	.6951074

#1	.0033149	.0003370	125.9218	.0939676	.0313444	.1954819	71.00405
#2	.0031805	.0003860	126.1730	.0937886	.0309864	.1987291	71.49635
#3	.0032420	.0001623	127.6535	.0940848	.0307954	.2010344	71.99803

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.715287	29.35243	.0755122	.0008739	2.190632	.1461227	.6545604
Stddev	.013406	.34294	.0005857	.0004752	.117643	.0021324	.0029390
%RSD	.7815509	1.168368	.7756665	54.37093	5.370266	1.459342	.4490084

#1	1.703516	29.00485	.0750973	.0004597	2.059607	.1473422	.6549535
#2	1.712467	29.36188	.0761822	.0013926	2.287195	.1473656	.6572831
#3	1.729879	29.69054	.0752571	.0007695	2.225096	.1436604	.6514446

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.966076	2.144828	.0180490	.0031805	3.132258	.6507513	.0159146
Stddev	.036385	.011182	.0014969	.0005986	.021125	.0124267	.0006603
%RSD	.5223170	.5213467	8.293772	18.82193	.6744484	1.909586	4.148829

#1	6.924890	2.157016	.0163715	.0038509	3.132788	.6609334	.0166280
#2	6.979481	2.142427	.0192486	.0026994	3.153113	.6369044	.0157907
#3	6.993857	2.135042	.0185271	.0029911	3.110872	.6544161	.0153250

Sample Name: K5165-01LX5 Acquired: 10/03/2019 17:42:30 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA8604 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.562134	.0620388	.4972897
Stddev	.017140	.0013143	.0049494
%RSD	1.097240	2.118447	.9952669

#1	1.543646	.0625005	.4918740
#2	1.565259	.0605560	.4984169
#3	1.577497	.0630600	.5015782

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1381.898	2583.760	32002.61	6156.472	2472.497
Stddev	11.933	5.806	257.29	44.993	3.839
%RSD	.8635522	.2247255	.8039620	.7308268	.1552589

#1	1390.070	2579.299	32006.37	6119.342	2471.022
#2	1368.204	2581.657	32258.00	6206.508	2469.615
#3	1387.421	2590.325	31743.46	6143.565	2476.854

Sample Name: K5165-01MS Acquired: 10/03/2019 17:46:15 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: NBP-2019MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7305483	1.924373	4.962842	1.407359	.0883329	196.3766	1.910952
Stddev	.0059802	.019460	.008865	.004673	.0006274	1.8751	.019071
%RSD	.8185901	1.011255	.1786342	.3320523	.7102057	.9548366	.9979778

#1	.7236612	1.945908	4.972738	1.406399	.0884371	194.6012	1.892132
#2	.7344270	1.908049	4.955627	1.403240	.0876600	196.1912	1.910460
#3	.7335566	1.919162	4.960160	1.412437	.0889016	198.3375	1.930264

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1728255	.2010440	560.2411	.6872683	.3773171	1.052066	298.0829
Stddev	.0006158	.0005808	6.7679	.0027072	.0009964	.010199	2.7262
%RSD	.3563070	.2888840	1.208027	.3938995	.2640769	.9693948	.9145615

#1	.1722833	.2016969	552.6644	.6842068	.3778835	1.049483	296.0836
#2	.1734950	.2005849	565.6876	.6882521	.3761666	1.043408	296.9768
#3	.1726981	.2008503	562.3713	.6893459	.3779013	1.063308	301.1883

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.886209	144.2216	.9021572	.0621883	13.59026	.8654665	2.856292
Stddev	.083125	1.1211	.0018614	.0001508	.20041	.0075285	.011286
%RSD	1.207126	.7773456	.2063297	.2425358	1.474673	.8698746	.3951360

#1	6.814140	143.2485	.9042658	.0621062	13.40814	.8587903	2.843280
#2	6.867340	143.9687	.9007422	.0620963	13.55766	.8639828	2.862167
#3	6.977146	145.4475	.9014634	.0623623	13.80497	.8736263	2.863429

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.97859	18.58934	.2184388	.3005163	15.79834	2.975929	.8302358
Stddev	.36348	.10813	.0038344	.0009728	.07539	.018566	.0030213
%RSD	.8457223	.5816689	1.755354	.3237185	.4772086	.6238723	.3639042

#1	42.75336	18.68457	.2163632	.3002642	15.88068	2.997345	.8295395
#2	42.78449	18.47180	.2160896	.2996943	15.73270	2.966055	.8276235
#3	43.39791	18.61166	.2228635	.3015903	15.78162	2.964387	.8335444

Sample Name: K5165-01MS Acquired: 10/03/2019 17:46:15 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: NBP-2019MS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.565276	.4698354	2.278830
Stddev	.079717	.0058510	.007577
%RSD	1.053723	1.245339	.3324964

#1	7.500021	.4635654	2.286749
#2	7.541679	.4707910	2.278092
#3	7.654127	.4751499	2.271649

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1583.905	2966.973	37509.41	7268.560	2211.994
Stddev	6.637	2.552	227.04	23.650	5.604
%RSD	.4190084	.0860231	.6052788	.3253695	.2533635

#1	1581.922	2966.030	37436.90	7261.388	2205.928
#2	1591.307	2969.863	37763.85	7294.965	2216.979
#3	1578.486	2965.027	37327.49	7249.326	2213.075

Sample Name: K5165-01MSD Acquired: 10/03/2019 17:49:58 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: NBP-2019MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7366814	1.953580	5.146671	1.418126	.0873902	196.6804	1.921083
Stddev	.0011201	.004843	.007116	.005473	.0016802	1.4422	.011960
%RSD	.1520397	.2479280	.1382623	.3859074	1.922646	.7332910	.6225421

#1	.7363286	1.948246	5.140715	1.411891	.0863323	195.0640	1.908217
#2	.7379354	1.957703	5.144748	1.420351	.0893276	197.1417	1.923170
#3	.7357802	1.954792	5.154551	1.422135	.0865106	197.8356	1.931861

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1728310	.2039367	520.0240	.6899943	.3827557	1.066439	301.3501
Stddev	.0004137	.0005401	4.0096	.0011107	.0007622	.008388	2.5627
%RSD	.2393692	.2648283	.7710378	.1609752	.1991368	.7865025	.8503972

#1	.1732397	.2033201	517.5251	.6908326	.3819785	1.057973	298.5473
#2	.1724124	.2041642	517.8979	.6887345	.3835020	1.066597	301.9296
#3	.1728408	.2043258	524.6488	.6904158	.3827865	1.074746	303.5735

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.857795	133.2539	.9142722	.0628242	13.79490	.8639661	2.911271
Stddev	.041038	.7726	.0003540	.0006561	.19247	.0083134	.007321
%RSD	.5984131	.5797870	.0387236	1.044378	1.395218	.9622405	.2514781

#1	6.819782	132.4834	.9138863	.0623517	13.68626	.8566609	2.902966
#2	6.852298	133.2497	.9145819	.0635734	13.68133	.8622254	2.914056
#3	6.901304	134.0285	.9143485	.0625476	14.01713	.8730121	2.916791

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.66352	18.90380	.2236533	.3015811	15.72962	3.004928	.8849645
Stddev	.21799	.00235	.0055085	.0009394	.06365	.026589	.0026732
%RSD	.5109565	.0124275	2.462962	.3114791	.4046467	.8848453	.3020696

#1	42.41507	18.90210	.2176569	.3026143	15.65745	3.026722	.8819042
#2	42.82275	18.90283	.2248141	.3007786	15.75367	3.012759	.8868437
#3	42.75273	18.90648	.2284888	.3013505	15.77774	2.975303	.8861458

Sample Name: K5165-01MSD Acquired: 10/03/2019 17:49:58 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: NBP-2019MSD Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.577524	.4690243	2.167453
Stddev	.041499	.0035970	.016906
%RSD	.5476605	.7669171	.7799962

#1	7.530296	.4651460	2.148002
#2	7.594117	.4696760	2.178615
#3	7.608160	.4722510	2.175742

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1594.839	2992.563	37749.37	7372.515	2220.819
Stddev	4.213	4.783	94.24	16.820	1.477
%RSD	.2641889	.1598267	.2496353	.2281507	.0664891

#1	1599.126	2987.957	37677.92	7358.943	2219.120
#2	1594.687	2992.228	37856.17	7391.333	2221.796
#3	1590.704	2997.505	37714.02	7367.268	2221.541

Sample Name: K5165-01A Acquired: 10/03/2019 17:53:43 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB8604 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7360509	1.965068	5.140873	1.423780	.0893630	196.5845	1.921616
Stddev	.0036575	.002055	.013249	.007465	.0016848	1.3047	.006930
%RSD	.4969031	.1045874	.2577252	.5242829	1.885364	.6636849	.3606179

#1	.7321258	1.965685	5.136199	1.416376	.0878431	195.2093	1.914225
#2	.7366637	1.966745	5.130593	1.431304	.0890713	196.7394	1.922656
#3	.7393633	1.962776	5.155825	1.423659	.0911746	197.8049	1.927967

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1728850	.2049239	514.5875	.6902923	.3832148	1.064880	301.8906
Stddev	.0009984	.0003103	5.6936	.0008329	.0008757	.006763	2.1023
%RSD	.5774875	.1514334	1.106440	.1206652	.2285049	.6351071	.6963705

#1	.1739994	.2046924	508.2028	.6905663	.3823543	1.057391	299.8458
#2	.1720723	.2048028	516.4220	.6909537	.3831852	1.066709	301.7800
#3	.1725832	.2052765	519.1376	.6893569	.3841049	1.070541	304.0460

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.850203	134.2003	.9152129	.0635520	13.58611	.8661796	2.901720
Stddev	.032303	.7225	.0026563	.0001521	.18761	.0058070	.008789
%RSD	.4715616	.5383706	.2902430	.2393129	1.380931	.6704096	.3028771

#1	6.815283	133.3713	.9131493	.0635926	13.37319	.8603442	2.909902
#2	6.856305	134.5337	.9142794	.0633837	13.65796	.8662370	2.892430
#3	6.879019	134.6958	.9182100	.0636797	13.72719	.8719577	2.902826

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.73924	18.95259	.2241716	.3030170	15.81480	2.922565	.8808496
Stddev	.24840	.05537	.0024657	.0016988	.02040	.017867	.0025568
%RSD	.5811971	.2921695	1.099907	.5606426	.1290202	.6113558	.2902701

#1	42.45378	18.90625	.2217526	.3010561	15.80673	2.905859	.8827961
#2	42.85770	18.93761	.2240807	.3039517	15.79966	2.941403	.8817988
#3	42.90623	19.01391	.2266815	.3040432	15.83800	2.920433	.8779539

Sample Name: K5165-01A Acquired: 10/03/2019 17:53:43 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB8604 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.586093	.4656565	2.172625
Stddev	.046796	.0022143	.014277
%RSD	.6168604	.4755198	.6571369

#1	7.534226	.4644443	2.158926
#2	7.598906	.4643129	2.171531
#3	7.625148	.4682122	2.187417

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1597.658	2977.610	37700.19	7397.337	2210.389
Stddev	3.619	4.653	120.11	35.801	2.012
%RSD	.2265138	.1562744	.3185935	.4839745	.0910096

#1	1595.894	2982.983	37595.52	7358.523	2212.142
#2	1601.820	2974.883	37831.33	7429.065	2208.193
#3	1595.259	2974.964	37673.73	7404.424	2210.832

Sample Name: K5168-01 Acquired: 10/03/2019 17:57:26 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 20190763-SS- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0883575	-.013183	.1888420	.0453090	.0040732	136.6618	.6386148
Stddev	.0024990	.002848	.0012241	.0009490	.0011676	1.3132	.0104611
%RSD	2.828226	21.60111	.6481997	2.094525	28.66451	.9609386	1.638085

#1	.0894338	-.013148	.1875956	.0453377	.0033660	135.2194	.6274872
#2	.0901380	-.010353	.1888878	.0462433	.0034327	137.7882	.6482487
#3	.0855008	-.016048	.1900425	.0443459	.0054208	136.9777	.6401084

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095165	-.000529	45.86839	.3271167	.0998655	.2524968	267.1858
Stddev	.0002371	.000147	.90164	.0009932	.0003467	.0028058	3.9725
%RSD	2.491111	27.77893	1.965722	.3036277	.3472085	1.111209	1.486781

#1	.0092881	-.000360	44.94102	.3281776	.1002482	.2492612	262.7199
#2	.0097614	-.000612	46.74190	.3269634	.0995722	.2542583	270.3257
#3	.0095000	-.000617	45.92226	.3262090	.0997762	.2539709	268.5118

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.748416	79.92333	.2947086	.0030037	94.62422	.4125066	.8342416
Stddev	.041655	.96270	.0015785	.0004764	1.08493	.0052485	.0038826
%RSD	1.515587	1.204533	.5356106	15.86018	1.146566	1.272347	.4654019

#1	2.702233	78.83635	.2951300	.0025402	93.58768	.4069644	.8311795
#2	2.783146	80.66843	.2929622	.0034920	95.75180	.4174013	.8329367
#3	2.759869	80.26523	.2960336	.0029789	94.53316	.4131541	.8386085

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.62523	8.316562	.2381130	.0256168	141.3854	5.596934	.0090900
Stddev	.40821	.034258	.0053313	.0000830	.2730	.103756	.0018500
%RSD	1.004818	.4119211	2.238992	.3241293	.1930654	1.853797	20.35234

#1	40.23115	8.282304	.2339169	.0255495	141.1364	5.554726	.0102635
#2	41.04623	8.316565	.2363100	.0257096	141.3426	5.715141	.0069573
#3	40.59832	8.350819	.2441120	.0255912	141.6772	5.520934	.0100490

Sample Name: K5168-01 Acquired: 10/03/2019 17:57:26 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: 20190763-SS- Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.856031	.3174599	.3573192
Stddev	.060301	.0067132	.0023551
%RSD	1.029728	2.114669	.6590894

#1	5.793193	.3099491	.3546002
#2	5.913426	.3228761	.3587211
#3	5.861474	.3195545	.3586362

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1555.714	2902.253	36348.57	6957.528	2408.401
Stddev	18.714	1.929	256.60	91.448	7.080
%RSD	1.202938	.0664522	.7059405	1.314370	.2939856

#1	1555.393	2900.135	36226.84	7025.574	2414.066
#2	1574.587	2902.717	36643.37	6853.577	2410.675
#3	1537.163	2903.907	36175.49	6993.434	2400.464

Sample Name: K5168-02 Acquired: 10/03/2019 18:01:07 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 20190764-SS- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0867179	-.011161	.1877481	.0458555	.0060314	136.5621	.4307994
Stddev	.0008857	.005559	.0023626	.0027860	.0024959	.9403	.0022323
%RSD	1.021374	49.80162	1.258398	6.075697	41.38254	.6885656	.5181864

#1	.0869141	-.014868	.1900653	.0426777	.0061451	135.5567	.4287266
#2	.0874890	-.013846	.1878365	.0470102	.0034805	136.7096	.4305088
#3	.0857505	-.004770	.1853425	.0478785	.0084685	137.4199	.4331628

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095933	-.001195	52.52361	.3262184	.1004291	.2296189	269.7328
Stddev	.0001037	.000095	.21611	.0003805	.0005313	.0033612	1.0774
%RSD	1.081036	7.986169	.4114477	.1166487	.5290276	1.463812	.3994306

#1	.0096895	-.001114	52.37332	.3258462	.0998357	.2258870	268.6927
#2	.0096069	-.001171	52.42624	.3262025	.1005907	.2305613	269.6616
#3	.0094834	-.001300	52.77127	.3266067	.1008608	.2324082	270.8440

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.766246	79.67563	.2706706	.0023252	96.87568	.4013773	.6293247
Stddev	.015964	.51316	.0009337	.0001467	.31792	.0073285	.0023463
%RSD	.5770842	.6440612	.3449470	6.311493	.3281686	1.825841	.3728221

#1	2.752664	79.09265	.2705996	.0021595	96.55674	.3929308	.6297720
#2	2.762244	79.87524	.2697745	.0023772	96.87773	.4051534	.6267869
#3	2.783830	80.05898	.2716378	.0024389	97.19256	.4060476	.6314151

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.41992	7.939936	.2265500	.0261293	145.9473	5.491315	.0073496
Stddev	.12559	.030482	.0025409	.0005319	.3794	.027335	.0019910
%RSD	.3032194	.3839039	1.121557	2.035622	.2599499	.4977925	27.09037

#1	41.27638	7.905410	.2238548	.0265611	145.6749	5.506730	.0053525
#2	41.50960	7.951274	.2268936	.0262918	145.7864	5.507460	.0093345
#3	41.47378	7.963123	.2289016	.0255352	146.3806	5.459753	.0073618

Sample Name: K5168-02 Acquired: 10/03/2019 18:01:07 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 20190764-SS- Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.897784	.3145680	.3814111
Stddev	.038426	.0015894	.0021397
%RSD	.6515297	.5052539	.5609952

#1	5.856331	.3130684	.3789646
#2	5.904807	.3144016	.3823351
#3	5.932214	.3162340	.3829335

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1544.564	2891.719	36242.61	6988.097	2391.717
Stddev	2.016	1.444	54.17	48.003	2.173
%RSD	.1305517	.0499383	.1494622	.6869304	.0908753

#1	1542.375	2891.323	36230.90	6933.252	2391.420
#2	1546.345	2893.320	36195.26	7022.470	2394.023
#3	1544.972	2890.514	36301.68	7008.571	2389.707

Sample Name: K5168-03 Acquired: 10/03/2019 18:04:47 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 20190769-SS- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0944844	-.014974	.6310914	.0405064	.0049146	124.7664	2.137864
Stddev	.0029842	.001814	.0048500	.0024270	.0004092	1.2690	.021626
%RSD	3.158397	12.11190	.7685052	5.991589	8.326704	1.017065	1.011589

#1	.0910807	-.014953	.6366681	.0384982	.0051820	123.3359	2.112945
#2	.0966513	-.013171	.6278588	.0432034	.0044435	125.2070	2.148925
#3	.0957213	-.016798	.6287472	.0398178	.0051182	125.7563	2.151723

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091564	.0063102	91.18742	.4650179	.0934432	.7491148	232.2367
Stddev	.0001130	.0001493	.88714	.0016339	.0002801	.0072944	2.3739
%RSD	1.234214	2.365795	.9728759	.3513625	.2997739	.9737322	1.022198

#1	.0090261	.0064562	90.16587	.4668312	.0937362	.7407153	229.6449
#2	.0092161	.0063165	91.63233	.4645625	.0931781	.7527718	232.7596
#3	.0092270	.0061578	91.76408	.4636600	.0934153	.7538573	234.3055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.331960	70.28791	.5926278	.0079231	95.11971	.4136939	2.792938
Stddev	.023525	.66843	.0021555	.0002132	1.04171	.0053675	.009209
%RSD	1.008820	.9509922	.3637203	2.690219	1.095161	1.297466	.3297144

#1	2.305427	69.52760	.5940345	.0078062	93.93570	.4075187	2.802463
#2	2.340183	70.55295	.5901462	.0077941	95.52798	.4172406	2.792271
#3	2.350270	70.78317	.5937027	.0081692	95.89544	.4163224	2.784081

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.90059	7.985378	.1991342	.0318947	127.6816	5.050110	.0706051
Stddev	.25460	.008304	.0045066	.0002949	.3119	.011079	.0024208
%RSD	.7091731	.1039919	2.263080	.9247239	.2443157	.2193809	3.428609

#1	35.60677	7.994419	.1942243	.0316786	128.0048	5.056664	.0691189
#2	36.03891	7.978090	.2000964	.0322307	127.3823	5.037319	.0692980
#3	36.05609	7.983626	.2030820	.0317747	127.6575	5.056348	.0733985

Sample Name: K5168-03 Acquired: 10/03/2019 18:04:47 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: 20190769-SS- Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.139538	.2828827	.5189549
Stddev	.043363	.0039623	.0041170
%RSD	.8437231	1.400695	.7933288

#1	5.089835	.2794578	.5142642
#2	5.159135	.2819678	.5206306
#3	5.169644	.2872224	.5219698

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1523.305	2841.249	35569.08	6916.225	2398.116
Stddev	7.491	6.806	163.18	5.140	2.686
%RSD	.4917389	.2395454	.4587629	.0743145	.1120166

#1	1520.177	2833.648	35395.00	6916.246	2395.549
#2	1531.853	2843.320	35718.56	6911.074	2400.908
#3	1517.885	2846.778	35593.68	6921.354	2397.892

Sample Name: K5168-04 Acquired: 10/03/2019 18:08:28 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 2019073-SS-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0911225	-.017325	.6354810	.0415223	.0063245	143.6671	1.320063
Stddev	.0038538	.001903	.0016979	.0005083	.0016510	1.4847	.014243
%RSD	4.229232	10.98597	.2671887	1.224208	26.10441	1.033455	1.078972

#1	.0950042	-.017899	.6374315	.0418789	.0079989	141.9696	1.304469
#2	.0872972	-.018875	.6343335	.0417478	.0062768	144.7241	1.332385
#3	.0910660	-.015200	.6346780	.0409403	.0046979	144.3076	1.323335

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105925	.0028179	82.15632	.4034286	.1107470	.7692421	268.0251
Stddev	.0001471	.0000862	.94577	.0007178	.0000996	.0057886	2.9522
%RSD	1.388750	3.058521	1.151186	.1779267	.0899566	.7525018	1.101445

#1	.0106510	.0027312	81.13749	.4030059	.1107601	.7634384	264.8409
#2	.0107014	.0029036	83.00628	.4030225	.1106415	.7692725	270.6711
#3	.0104252	.0028188	82.32521	.4042574	.1108395	.7750154	268.5634

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.724182	78.01945	.5395031	.0050148	92.78625	.4356211	1.975855
Stddev	.024922	.68851	.0016773	.0005090	1.30327	.0058726	.002874
%RSD	.9148554	.8824803	.3108938	10.14991	1.404595	1.348091	.1454325

#1	2.697625	77.28934	.5376361	.0044276	91.31734	.4291225	1.972604
#2	2.747061	78.65699	.5408826	.0053303	93.80397	.4405478	1.976906
#3	2.727861	78.11204	.5399907	.0052865	93.23743	.4371928	1.978055

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.60865	9.642524	.1972088	.0344537	147.7670	5.395188	.0537331
Stddev	.40294	.018003	.0044661	.0003307	.5618	.044683	.0020959
%RSD	1.017302	.1867034	2.264632	.9597448	.3801787	.8281935	3.900631

#1	39.15958	9.622714	.1920690	.0342581	147.4248	5.372336	.0521419
#2	39.93860	9.657887	.2001432	.0348355	148.4153	5.446675	.0529494
#3	39.72776	9.646970	.1994142	.0342676	147.4607	5.366554	.0561079

Sample Name: K5168-04 Acquired: 10/03/2019 18:08:28 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 2019073-SS-C Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.380908	.3429581	.4994774
Stddev	.056498	.0051548	.0056098
%RSD	.8854185	1.503054	1.123129

#1	6.316421	.3370267	.4930077
#2	6.421697	.3463553	.5029894
#3	6.404606	.3454923	.5024352

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1568.580	2915.315	36664.78	7087.313	2386.492
Stddev	2.654	3.624	75.92	31.362	4.937
%RSD	.1692007	.1243219	.2070557	.4425100	.2068621

#1	1568.735	2911.163	36752.30	7100.455	2390.761
#2	1571.154	2917.847	36625.35	7051.518	2381.086
#3	1565.852	2916.933	36616.70	7109.966	2387.628

Sample Name: CCV04 Acquired: 10/03/2019 18:12:09 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15548 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.962494	4.973010	4.976803	4.906098	5.042234	9.872320	9.766241
Stddev	.016719	.024930	.013934	.030756	.012184	.117581	.034563
%RSD	.3369163	.5013146	.2799865	.6269024	.2416460	1.191018	.3539073

#1	4.943963	4.947541	4.961321	4.878108	5.039449	9.741216	9.806062
#2	4.967071	4.974125	4.980751	4.901161	5.031684	9.968434	9.744024
#3	4.976449	4.997365	4.988338	4.939024	5.055570	9.907310	9.748636

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2486499	2.478521	24.49993	1.002013	2.495312	1.252938	4.897841
Stddev	.0022536	.005369	.26903	.001865	.006460	.013217	.026122
%RSD	.9063405	.2166141	1.098091	.1861327	.2588839	1.054888	.5333425

#1	.2485431	2.472764	24.32498	1.002932	2.489044	1.238131	4.876684
#2	.2509550	2.479407	24.80972	.999867	2.494944	1.257137	4.927038
#3	.2464515	2.483392	24.36510	1.003241	2.501948	1.263545	4.889802

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.461072	24.49631	2.505889	1.231838	24.81188	2.467470	2.500023
Stddev	.021964	.22455	.004978	.001066	.31149	.017889	.001792
%RSD	.8924568	.9166858	.1986535	.0865485	1.255387	.7250033	.0716606

#1	2.442436	24.27869	2.502818	1.230607	24.51191	2.447446	2.501205
#2	2.485288	24.72721	2.503216	1.232428	25.13373	2.481876	2.500903
#3	2.455492	24.48303	2.511632	1.232479	24.79002	2.473089	2.497962

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.38963	5.138984	4.933472	5.022427	4.957119	4.879643	5.050615
Stddev	.18217	.024951	.052040	.012507	.025284	.057153	.023636
%RSD	.7468967	.4855210	1.054833	.2490163	.5100504	1.171253	.4679750

#1	24.17930	5.110232	4.929766	5.011017	4.931718	4.878399	5.029255
#2	24.49235	5.151765	4.987266	5.020465	4.957355	4.937408	5.046582
#3	24.49723	5.154955	4.883384	5.035798	4.982284	4.823122	5.076007

Sample Name: CCV04 Acquired: 10/03/2019 18:12:09 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV15548 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.941610	4.752283	4.922614
Stddev	.033735	.051731	.067318
%RSD	.6826792	1.088550	1.367531

#1	4.904803	4.726569	4.849578
#2	4.971060	4.811833	4.982176
#3	4.948967	4.718447	4.936089

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1352.298	2519.728	31491.50	6006.717	2514.862
Stddev	3.548	2.733	87.87	50.823	4.343
%RSD	.2624032	.1084766	.2790207	.8460948	.1727118

#1	1348.322	2518.715	31449.46	5993.618	2513.665
#2	1353.428	2522.823	31592.49	5963.726	2519.678
#3	1355.143	2517.645	31432.56	6062.806	2511.242

Sample Name: CCB04 Acquired: 10/03/2019 18:15:54 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15548 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029289	-.000168	.0008729	-.002251	-.000288	.0029012
Stddev	.0014553	.002823	.0024382	.003286	.001745	.0072816
%RSD	49.68866	1682.471	279.3167	145.9718	606.2529	250.9861

#1	.0045950	.003025	.0014629	.001098	-.001414	-.003489
#2	.0019057	-.001195	-.001806	-.002382	.001722	.010828
#3	.0022861	-.002334	.002962	-.005470	-.001171	.001364

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016013	.0000604	.0000839	-.006823	.0001412	.0000214
Stddev	.0004201	.0000848	.0000574	.008680	.0004941	.0001055
%RSD	26.23458	140.5081	68.44789	127.2053	349.7788	491.9256

#1	.0020830	-.000006	.0000565	-.012073	-.000258	.0001371
#2	.0013106	.000031	.0000453	.003195	.000694	-.000069
#3	.0014104	.000156	.0001499	-.011592	-.000013	-.000003

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004074	-.004450	.0002176	.0275083	-.000001	-.000163
Stddev	.0002884	.001550	.0003979	.0084192	.000117	.000182
%RSD	70.79829	34.82697	182.8410	30.60608	11554.19	111.6523

#1	.0007307	-.006235	.0006570	.0268960	-.000008	-.000231
#2	.0001766	-.003447	-.000118	.0194119	.000120	-.000300
#3	.0003148	-.003668	.000114	.0362169	-.000115	.000043

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.226022	-.000255	.0000983	-.001346	.0017943	.0062468
Stddev	.028847	.003145	.0001238	.063625	.0018128	.0010504
%RSD	12.76278	1231.422	125.9113	4725.547	101.0283	16.81432

#1	-.204461	.001102	.0000058	-.017821	.0003810	.0062782
#2	-.258791	-.003851	.0002389	-.055114	.0038382	.0072811
#3	-.214814	.001983	.0000502	.068896	.0011638	.0051811

Sample Name: CCB04 Acquired: 10/03/2019 18:15:54 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15548 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008049	F .0121383	.0042043	.0004612	-.000008	.0016282
Stddev	.0001484	.0036139	.0024528	.0003146	.000715	.0009776
%RSD	18.42994	29.77247	58.33867	68.21934	8592.860	60.04121

#1	.0009547	.0153052	.0047268	.0007669	-.000186	.0021902
#2	.0008020	.0129081	.0063538	.0001383	-.000618	.0004994
#3	.0006581	.0082015	.0015324	.0004784	.000779	.0021952

Elem	Sr4077
Units	ppm
Avg	.0007109
Stddev	.0002731
%RSD	38.41660

#1	.0010078
#2	.0006543
#3	.0004705

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1360.093	2521.500	31241.58	5909.918	2621.038
Stddev	4.252	2.263	167.47	28.259	2.661
%RSD	.3126247	.0897611	.5360412	.4781624	.1015368

#1	1362.903	2520.851	31109.54	5916.735	2619.422
#2	1362.175	2524.017	31185.25	5878.874	2624.109
#3	1355.202	2519.632	31429.95	5934.144	2619.581

Sample Name: K5168-05 Acquired: 10/03/2019 18:19:48 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 2019071-SS-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0842063	-.016475	.3170258	.0439974	.0039487	133.9561	.5925823
Stddev	.0027993	.004196	.0017285	.0006861	.0017495	1.0303	.0032474
%RSD	3.324288	25.47062	.5452275	1.559295	44.30438	.7691091	.5480171

#1	.0857460	-.016869	.3167279	.0437216	.0019301	133.5935	.5934154
#2	.0809752	-.012096	.3154655	.0447785	.0048912	135.1187	.5953320
#3	.0858978	-.020461	.3188838	.0434923	.0050248	133.1562	.5889994

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091298	.0001656	39.28480	.3583195	.0986756	.3420513	253.5054
Stddev	.0001098	.0001289	.12088	.0012184	.0004884	.0011499	.8818
%RSD	1.203136	77.78963	.3077069	.3400208	.4949387	.3361851	.3478508

#1	.0092564	.0002746	39.35931	.3579253	.0986010	.3420798	252.9579
#2	.0090598	.0001989	39.34975	.3573471	.0982289	.3431867	254.5227
#3	.0090732	.0000234	39.14532	.3596862	.0991970	.3408874	253.0358

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.596825	76.79291	.2955025	.0031024	96.15711	.3913564	.9275155
Stddev	.010683	.41851	.0010075	.0001995	1.00143	.0031643	.0046913
%RSD	.4113928	.5449902	.3409359	6.431363	1.041448	.8085510	.5057956

#1	2.597106	76.64811	.2946598	.0028957	96.13068	.3923324	.9238484
#2	2.607365	77.26459	.2952292	.0031175	97.17149	.3939178	.9328020
#3	2.586005	76.46601	.2966184	.0032939	95.16916	.3878191	.9258960

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.12972	8.283086	.2390066	.0266530	134.7286	5.134215	.0295395
Stddev	.31194	.044307	.0040872	.0003479	.3715	.021430	.0013847
%RSD	.8180933	.5349114	1.710059	1.305098	.2757336	.4173930	4.687682

#1	37.91420	8.245227	.2342947	.0270135	134.3963	5.137867	.0305155
#2	38.48741	8.272216	.2415935	.0263194	134.6598	5.111193	.0301484
#3	37.98754	8.331817	.2411316	.0266261	135.1297	5.153584	.0279547

Sample Name: K5168-05 Acquired: 10/03/2019 18:19:48 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 2019071-SS-C Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.877841	.3114647	.3369914
Stddev	.049443	.0015310	.0027228
%RSD	.8411836	.4915599	.8079800

#1	5.865911	.3120985	.3358834
#2	5.932159	.3125770	.3400935
#3	5.835455	.3097185	.3349972

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1557.699	2899.335	36430.92	7087.791	2407.403
Stddev	7.429	5.067	170.25	71.506	6.473
%RSD	.4768938	.1747527	.4673268	1.008868	.2688966

#1	1555.936	2903.017	36306.51	7006.630	2414.152
#2	1551.310	2893.557	36361.29	7115.221	2406.813
#3	1565.850	2901.432	36624.95	7141.521	2401.245

Sample Name: K5168-06 Acquired: 10/03/2019 18:23:29 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 2019070-SS-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0854225	-.012256	.3314530	.0441214	.0035435	133.9614	.6695504
Stddev	.0078081	.006366	.0013820	.0024456	.0008703	1.0308	.0035497
%RSD	9.140611	51.94286	.4169607	5.542817	24.55919	.7694584	.5301607

#1	.0820935	-.007852	.3309228	.0441409	.0041324	132.7752	.6654605
#2	.0798306	-.019555	.3304145	.0416661	.0039542	134.4700	.6718291
#3	.0943434	-.009361	.3330216	.0465572	.0025439	134.6391	.6713617

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092826	-.000044	37.01554	.3659882	.0990199	.3207868	256.0161
Stddev	.0000350	.000037	.18749	.0008051	.0005406	.0037999	1.3625
%RSD	.3775636	84.04087	.5065069	.2199916	.5459734	1.184557	.5321807

#1	.0092679	-.000068	36.79909	.3654682	.0994622	.3166934	254.4520
#2	.0092572	-.000001	37.12025	.3655808	.0984172	.3242018	256.9448
#3	.0093226	-.000062	37.12729	.3669156	.0991803	.3214652	256.6516

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.632958	78.33133	.2885599	.0029233	98.59541	.4027247	1.015136
Stddev	.018903	.48751	.0013727	.0002899	.74501	.0040321	.002448
%RSD	.7179415	.6223699	.4756909	9.917524	.7556218	1.001199	.2411095

#1	2.611173	77.77552	.2888112	.0026407	97.74314	.4000500	1.017935
#2	2.645019	78.53198	.2870790	.0029091	99.12288	.4007617	1.014076
#3	2.642683	78.68650	.2897896	.0032200	98.92020	.4073623	1.013397

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.13185	8.220445	.2410848	.0287021	134.0801	5.639265	.0272533
Stddev	.23353	.012708	.0032965	.0003448	.3095	.018809	.0018541
%RSD	.5967803	.1545895	1.367365	1.201154	.2308591	.3335434	6.803055

#1	38.88767	8.209001	.2373203	.0286541	133.8106	5.660806	.0279725
#2	39.15486	8.218214	.2424787	.0283838	134.0116	5.630898	.0251474
#3	39.35303	8.234121	.2434553	.0290683	134.4182	5.626091	.0286401

Sample Name: K5168-06 Acquired: 10/03/2019 18:23:29 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 2019070-SS-C Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.647224	.3148717	.3296625
Stddev	.036890	.0031136	.0021033
%RSD	.6532464	.9888522	.6380322

#1	5.604723	.3121664	.3272393
#2	5.665991	.3182751	.3307326
#3	5.670957	.3141736	.3310157

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1554.513	2902.947	36390.80	7059.108	2416.808
Stddev	8.111	5.660	19.06	22.205	2.646
%RSD	.5217934	.1949819	.0523842	.3145587	.1094820

#1	1545.203	2896.576	36405.01	7034.469	2414.194
#2	1560.060	2904.869	36369.14	7077.572	2416.745
#3	1558.274	2907.397	36398.27	7065.283	2419.485

Sample Name: K5171-01 Acquired: 10/03/2019 18:27:12 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ETGI-341 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2527215	-.017569	1.876481	.0316847	.0337854	109.2763
Stddev	.0040482	.002770	.003452	.0006161	.0029766	.3101
%RSD	1.601825	15.76812	.1839852	1.944408	8.810268	.2837924

#1	.2538719	-.014387	1.873203	.0309933	.0333220	108.9187
#2	.2482227	-.018883	1.880085	.0318852	.0369665	109.4705
#3	.2560700	-.019439	1.876157	.0321755	.0310677	109.4398

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7871438	.0058666	.0030166	F 3412.999	.4471321	.0774900
Stddev	.0042057	.0001286	.0001753	50.679	.0004667	.0006944
%RSD	.5343035	2.192454	5.812532	1.484870	.1043809	.8961528

#1	.7842233	.0059787	.0031864	3354.598	.4473665	.0767062
#2	.7919643	.0058950	.0028362	3445.414	.4465947	.0780284
#3	.7852440	.0057262	.0030272	3438.986	.4474352	.0777354

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6008690	177.5059	9.848811	566.6163	.2365509	.0040123
Stddev	.0014157	.9222	.055626	2.7934	.0004925	.0002251
%RSD	.2356060	.5195255	.5647989	.4929954	.2082091	5.610915

#1	.6000914	176.5742	9.827616	564.8650	.2368121	.0037975
#2	.6000124	178.4183	9.911919	569.8377	.2368577	.0039930
#3	.6025030	177.5253	9.806899	565.1461	.2359828	.0042465

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.659115	.3193576	3.394152	12.62443	6.685722	.1387326
Stddev	.175556	.0046414	.025037	.05987	.027443	.0016625
%RSD	3.768018	1.453343	.7376454	.4742424	.4104713	1.198325

#1	4.633801	.3213206	3.422801	12.58182	6.656364	.1368150
#2	4.497590	.3226949	3.383183	12.69288	6.710730	.1396155
#3	4.845954	.3140573	3.376471	12.59859	6.690071	.1397674

Sample Name: K5171-01 Acquired: 10/03/2019 18:27:12 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ETGI-341 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185824	64.08461	1.146416	.0586037	3.974962	.1472789
Stddev	.0005281	.30290	.006809	.0025332	.010017	.0031337
%RSD	2.842146	.4726554	.5939286	4.322624	.2519978	2.127700

#1	.0191238	63.73486	1.140758	.0556977	3.963532	.1441425
#2	.0185548	64.26151	1.153973	.0597675	3.982209	.1504098
#3	.0180686	64.25746	1.144518	.0603458	3.979146	.1472846

Elem	Sr4077
Units	ppm
Avg	13.51687
Stddev	.26765
%RSD	1.980150

#1	13.26048
#2	13.79452
#3	13.49560

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1308.332	2425.459	31371.65	6510.934	1779.284
Stddev	10.807	5.095	189.77	58.106	3.638
%RSD	.8260255	.2100593	.6049029	.8924303	.2044774

#1	1299.073	2425.839	31417.38	6529.350	1780.500
#2	1305.718	2430.354	31163.19	6445.852	1782.159
#3	1320.207	2420.185	31534.37	6557.599	1775.194

Sample Name: K5176-01 Acquired: 10/03/2019 18:31:10 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 40166 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1096238	-.934082	12.94618	.2335453	.4366917	105.7666
Stddev	.0065795	.003651	.08560	.0215872	.0047200	.2678
%RSD	6.001931	.3908495	.6611619	9.243264	1.080856	.2532363

#1	.1138085	-.934475	12.87882	.2365473	.4372517	105.8183
#2	.1130229	-.930250	12.91723	.2534744	.4317166	105.4767
#3	.1020399	-.937519	13.04250	.2106142	.4411067	106.0049

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.79323	.0783743	.0883538	^ *****	7.854157	.9980394
Stddev	.41584	.0010648	.0022429	----	.013034	.0039348
%RSD	1.395762	1.358595	2.538591	----	.1659547	.3942569

#1	29.37808	.0794707	.0869058	^ ----	7.866311	.9956533
#2	30.20977	.0783080	.0872181	^ ----	7.840392	.9958839
#3	29.79185	.0773442	.0909374	^ ----	7.855769	1.002581

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.71903	F 5116.302	F 54.55016	41.48656	F 5.792647	^ *****
Stddev	.03285	40.711	.16389	.01067	.032963	----
%RSD	.2582783	.7957152	.3004375	.0257288	.5690493	----

#1	12.69049	5124.499	54.71142	41.48475	5.769231	^ ----
#2	12.71168	5152.292	54.38376	41.49803	5.778368	^ ----
#3	12.75494	5072.117	54.55532	41.47691	5.830342	^ ----

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	55.01122	1.169566	F 42.45661	17.03272	11.55676	^ *****
Stddev	.08705	.001540	.18546	.04203	.07450	----
%RSD	.1582426	.1316359	.4368255	.2467718	.6446426	----

#1	55.10639	1.170399	42.50971	17.04959	11.52068	^ ----
#2	54.99164	1.167789	42.25040	16.98487	11.50716	^ ----
#3	54.93563	1.170509	42.60974	17.06369	11.64243	^ ----

Sample Name: K5176-01 Acquired: 10/03/2019 18:31:10 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 40166 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.279557	37.23984	7.723002	1.565580	4.505953	.1581181
Stddev	.001508	.27230	.083044	.009395	.018867	.0007639
%RSD	.1178741	.7312015	1.075278	.6001266	.4187053	.4831350

#1	1.281233	37.11910	7.801526	1.563039	4.525263	.1576990
#2	1.279128	37.04880	7.731403	1.557717	4.487564	.1576554
#3	1.278310	37.55163	7.636078	1.575985	4.505031	.1589998

Elem	Sr4077
Units	ppm
Avg	1.883841
Stddev	.003404
%RSD	.1806882

#1	1.882007
#2	1.881749
#3	1.887769

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1224.948	2369.025	34084.05	6726.444	1971.267
Stddev	4.512	3.262	67.37	56.743	9.250
%RSD	.3683663	.1377068	.1976512	.8435841	.4692457

#1	1228.149	2365.261	34049.22	6662.309	1979.123
#2	1226.907	2370.775	34161.70	6746.901	1973.606
#3	1219.787	2371.039	34041.22	6770.123	1961.072

Sample Name: K5176-02 Acquired: 10/03/2019 18:46:45 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 30440-3077 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0330963	-.129325	.1977590	.1189773	.0206120	225.1556
Stddev	.0042241	.002345	.0029520	.0020358	.0012682	1.4385
%RSD	12.76312	1.813506	1.492748	1.711059	6.152758	.6388824

#1	.0341188	-.126913	.1971682	.1180942	.0214175	223.6056
#2	.0284547	-.131597	.1951471	.1175321	.0191501	225.4136
#3	.0367152	-.129466	.2009618	.1213055	.0212683	226.4476

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.292206	.0340562	.0139489	99.07688	.8583307	.2421908
Stddev	.010354	.0002511	.0004243	.70980	.0037213	.0008870
%RSD	.8012585	.7373185	3.042108	.7164172	.4335523	.3662282

#1	1.284605	.0338689	.0143896	98.43182	.8624587	.2430864
#2	1.288014	.0339581	.0139142	98.96154	.8552334	.2413127
#3	1.303998	.0343415	.0135430	99.83730	.8573000	.2421732

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.016322	F 885.6432	4.878671	227.3991	.7195841	.0024768
Stddev	.008981	15.8977	.049779	2.0872	.0007319	.0014743
%RSD	.8836562	1.795047	1.020346	.9178633	.1017048	59.52586

#1	1.006259	867.4745	4.841196	225.7560	.7204290	.0010323
#2	1.019185	892.4557	4.859664	226.6935	.7191485	.0039793
#3	1.023523	896.9994	4.935154	229.7476	.7191747	.0024188

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.281239	.4999112	4.897843	31.84457	51.43512	^ *****
Stddev	.237014	.0050339	.016179	.10798	.09764	-----
%RSD	2.553686	1.006956	.3303322	.3391001	.1898252	-----

#1	9.138294	.4966763	4.896053	31.73186	51.54257	^ -----
#2	9.554827	.4973464	4.914843	31.85474	51.41095	^ -----
#3	9.150596	.5057109	4.882634	31.94711	51.35183	^ -----

Sample Name: K5176-02 Acquired: 10/03/2019 18:46:45 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 30440-3077 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0489350	34.84655	1.116166	.0992172	.5188546	.1352384
Stddev	.0005752	.14210	.006910	.0025861	.0030483	.0018274
%RSD	1.175485	.4077897	.6190550	2.606492	.5874952	1.351223

#1	.0485082	34.97458	1.113705	.0978393	.5173666	.1339401
#2	.0487076	34.69366	1.123969	.1022005	.5168362	.1344470
#3	.0495891	34.87141	1.110824	.0976119	.5223611	.1373281

Elem	Sr4077
Units	ppm
Avg	.5996385
Stddev	.0039348
%RSD	.6561993

#1	.5956291
#2	.6034942
#3	.5997922

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1833.670	3416.256	43789.42	8707.978	2305.157
Stddev	4.791	3.674	48.44	39.149	3.907
%RSD	.2612839	.1075420	.1106184	.4495798	.1695043

#1	1831.646	3419.381	43734.04	8708.111	2300.975
#2	1830.224	3417.179	43823.88	8747.060	2308.714
#3	1839.141	3412.209	43810.35	8668.762	2305.784

Sample Name: K5176-05 Acquired: 10/03/2019 18:50:31 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 30464-67 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0922663	-.022785	.9083225	.0476809	.0275209	81.24730	5.709470
Stddev	.0027115	.002019	.0010069	.0029163	.0005707	.67640	.047891
%RSD	2.938822	8.861375	.1108477	6.116346	2.073647	.8325168	.8387930

#1	.0949277	-.025109	.9078233	.0509129	.0281494	80.46644	5.654485
#2	.0923639	-.021459	.9076628	.0452461	.0270351	81.62328	5.731862
#3	.0895072	-.021788	.9094814	.0468836	.0273782	81.65218	5.742063

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074864	.0505225	208.5230	.6587824	.0888113	2.961068	309.2622
Stddev	.0001944	.0001383	1.8225	.0003454	.0006706	.016266	2.1693
%RSD	2.596159	.2736525	.8740195	.0524277	.7551308	.5493444	.7014501

#1	.0073353	.0506821	206.4194	.6585715	.0883845	2.942292	306.7592
#2	.0074182	.0504458	209.5245	.6591810	.0884651	2.970903	310.5992
#3	.0077057	.0504396	209.6253	.6585947	.0895843	2.970009	310.4282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.991012	31.14329	.3624871	.0087023	23.74298	.2622604	15.13278
Stddev	.023451	.21711	.0013918	.0004811	.17863	.0007777	.04760
%RSD	.7840415	.6971480	.3839583	5.528091	.7523334	.2965280	.3145582

#1	2.964690	30.90540	.3626204	.0081472	23.69940	.2627360	15.18730
#2	3.009677	31.33075	.3610335	.0089982	23.93937	.2613630	15.09946
#3	2.998669	31.19372	.3638075	.0089615	23.59018	.2626823	15.11159

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.65981	89.69726	.0504635	.1679455	27.59926	1.774683	.2495365
Stddev	.14459	.16511	.0046822	.0004497	.04597	.045833	.0026715
%RSD	1.142092	.1840719	9.278301	.2677681	.1665692	2.582627	1.070579

#1	12.50826	89.60619	.0470725	.1675947	27.61850	1.723113	.2523778
#2	12.79624	89.88784	.0558057	.1684525	27.63249	1.810770	.2470756
#3	12.67493	89.59773	.0485124	.1677893	27.54680	1.790165	.2491561

Sample Name: K5176-05 Acquired: 10/03/2019 18:50:31 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 30464-67 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.149624	.1693631	3.162367
Stddev	.006676	.0025231	.048345
%RSD	.3105818	1.489738	1.528774

#1	2.144835	.1664808	3.106645
#2	2.157250	.1711717	3.187294
#3	2.146787	.1704369	3.193162

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1395.129	2610.077	32960.90	6424.186	2431.353
Stddev	12.816	3.306	195.94	26.589	1.149
%RSD	.9185899	.1266652	.5944741	.4138885	.0472696

#1	1380.528	2611.474	32743.51	6431.895	2432.365
#2	1404.516	2612.455	33123.92	6446.070	2431.590
#3	1400.343	2606.301	33015.27	6394.595	2430.104

Sample Name: K5176-15 Acquired: 10/03/2019 18:54:19 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 30459-61 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1041876	-.079993	.9557634	.1099636	.0379783	106.4671
Stddev	.0025390	.002602	.0034286	.0082078	.0058132	.6994
%RSD	2.436994	3.252195	.3587247	7.464115	15.30669	.6569545

#1	.1070007	-.082928	.9542993	.1038230	.0314086	105.7730
#2	.1034961	-.077971	.9533100	.1192859	.0424558	106.4565
#3	.1020658	-.079081	.9596809	.1067819	.0400705	107.1718

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.945290	.0162019	.0612537	183.0629	1.251326	.1499825
Stddev	.042567	.0001307	.0009652	1.2097	.004198	.0009524
%RSD	.6128872	.8069472	1.575707	.6608261	.3354687	.6350216

#1	6.905894	.0160746	.0623680	182.0311	1.251228	.1505704
#2	6.939533	.0161953	.0606808	182.7633	1.255572	.1488837
#3	6.990442	.0163358	.0607122	184.3942	1.247178	.1504935

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.330323	F 838.2188	6.338481	52.92356	1.184108	.0073356
Stddev	.032259	22.0456	.043191	.36769	.003229	.0008902
%RSD	.5095913	2.630054	.6814027	.6947502	.2726770	12.13558

#1	6.293689	812.8331	6.304322	52.63360	1.186643	.0063937
#2	6.354481	852.5496	6.324091	52.79995	1.180473	.0074499
#3	6.342798	849.2738	6.387030	53.33712	1.185209	.0081631

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.49003	.3939706	25.20820	11.76525	64.10172	^ *****
Stddev	.19343	.0029726	.08049	.01617	.39946	-----
%RSD	.6142713	.7545297	.3192891	.1374444	.6231596	-----

#1	31.71108	.3958598	25.29438	11.74769	64.48522	^ -----
#2	31.35175	.3905441	25.13498	11.76853	63.68802	^ -----
#3	31.40727	.3955078	25.19524	11.77953	64.13192	^ -----

Sample Name: K5176-15 Acquired: 10/03/2019 18:54:19 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 30459-61 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1775922	21.24282	1.649095	.4840535	2.521156	.1926205
Stddev	.0009315	.05307	.007912	.0056426	.016414	.0026038
%RSD	.5245339	.2498474	.4797481	1.165693	.6510528	1.351749

#1	.1777311	21.30336	1.645456	.4875467	2.503880	.1896253
#2	.1765990	21.20429	1.658171	.4775438	2.523043	.1938926
#3	.1784465	21.22082	1.643658	.4870699	2.536546	.1943437

Elem	Sr4077
Units	ppm
Avg	2.277214
Stddev	.012666
%RSD	.5562224

#1	2.262772
#2	2.286436
#3	2.282435

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1425.116	2651.708	33910.56	6647.828	2411.741
Stddev	8.741	5.671	154.79	18.139	9.015
%RSD	.6133206	.2138803	.4564526	.2728600	.3737990

#1	1417.145	2650.440	34086.89	6635.210	2405.186
#2	1434.463	2657.906	33847.65	6668.615	2422.022
#3	1423.739	2646.777	33797.13	6639.660	2408.016

Sample Name: K5181-01 Acquired: 10/03/2019 18:58:04 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SOUTH-AVENUE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0376182	-.012643	.1519131	.0473131	.0059148	220.7954	.5511649
Stddev	.0012555	.004092	.0010129	.0025600	.0019199	2.9248	.0089401
%RSD	3.337591	32.36386	.6667687	5.410686	32.46000	1.324663	1.622044

#1	.0388171	-.010130	.1520642	.0444235	.0061308	217.5867	.5421895
#2	.0377245	-.010434	.1508331	.0492974	.0077177	221.4873	.5512360
#3	.0363128	-.017364	.1528419	.0482184	.0038960	223.3122	.5600693

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113224	-.003192	3.987478	.2332626	.0861437	.1952353	253.7740
Stddev	.0001869	.000093	.115024	.0007607	.0005987	.0024020	3.6634
%RSD	1.650408	2.920143	2.884628	.3261154	.6949433	1.230298	1.443582

#1	.0113830	-.003095	3.905249	.2326660	.0854536	.1929405	250.1538
#2	.0111127	-.003201	3.938264	.2341192	.0864553	.1950338	253.6891
#3	.0114714	-.003281	4.118921	.2330024	.0865223	.1977318	257.4792

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.302525	34.75366	.1890071	.0041773	2.450044	.4011711	.5500669
Stddev	.070968	.42621	.0000830	.0002096	.050040	.0043476	.0020952
%RSD	1.338390	1.226368	.0439048	5.018608	2.042398	1.083718	.3808943

#1	5.227863	34.28690	.1889684	.0039501	2.457812	.3961519	.5512553
#2	5.310603	34.85194	.1889506	.0042184	2.495745	.4035940	.5476477
#3	5.369108	35.12215	.1891024	.0043633	2.396575	.4037672	.5512976

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.905313	3.228190	-.105336	.0026308	1.275562	6.854651	.0097050
Stddev	.082007	.006817	.003549	.0003563	.001759	.094663	.0003043
%RSD	1.187586	.2111635	3.369233	13.54343	.1379220	1.381006	3.135518

#1	6.820389	3.222287	-.108563	.0028358	1.276001	6.875767	.0094154
#2	6.911496	3.226631	-.101535	.0028373	1.273624	6.751213	.0100222
#3	6.984052	3.235651	-.105911	.0022194	1.277059	6.936973	.0096773

Sample Name: K5181-01 Acquired: 10/03/2019 18:58:04 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SOUTH-AVENUE Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.640708	.2368732	.0703567
Stddev	.017713	.0062700	.0006631
%RSD	1.079596	2.647000	.9424756

#1	1.621674	.2318503	.0695934
#2	1.643743	.2348690	.0707908
#3	1.656707	.2439003	.0706859

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1541.446	2871.525	35479.99	6829.307	2536.883
Stddev	1.156	4.640	185.10	59.699	4.922
%RSD	.0749778	.1615806	.5216906	.8741572	.1940306

#1	1542.080	2876.556	35466.11	6859.950	2542.147
#2	1542.145	2870.604	35302.23	6867.461	2536.110
#3	1540.112	2867.415	35671.64	6760.509	2532.394

Sample Name: K5181-02 Acquired: 10/03/2019 19:01:48 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SOUTH-AVENUE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217293	-.011196	.1739351	.0338633	.0035531	174.9659	.3861703
Stddev	.0013496	.003556	.0034589	.0019604	.0003957	1.8483	.0042093
%RSD	6.211003	31.76265	1.988609	5.789215	11.13692	1.056354	1.090025

#1	.0203798	-.010692	.1744555	.0320733	.0036421	172.8941	.3817144
#2	.0230790	-.007919	.1702456	.0335582	.0038968	175.5584	.3867169
#3	.0217291	-.014977	.1771044	.0359583	.0031205	176.4453	.3900797

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093214	-.002840	3.179646	.1956836	.0683591	.1583619	217.5720
Stddev	.0001581	.000188	.061381	.0008714	.0001759	.0008762	2.4162
%RSD	1.695795	6.626698	1.930431	.4452860	.2573013	.5532711	1.110535

#1	.0093057	-.002658	3.138061	.1966184	.0681632	.1577412	214.9238
#2	.0091717	-.003034	3.150732	.1955385	.0685034	.1593641	218.1357
#3	.0094867	-.002829	3.250144	.1948939	.0684108	.1579803	219.6565

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.322567	28.82083	.1536731	.0020063	1.964043	.3325141	.4146487
Stddev	.016733	.25332	.0004500	.0004355	.028625	.0048426	.0023506
%RSD	1.265209	.8789425	.2928222	21.70664	1.457466	1.456345	.5668889

#1	1.305049	28.57834	.1540924	.0015664	1.991062	.3269225	.4144967
#2	1.324266	28.80043	.1531977	.0024373	1.967023	.3353473	.4170716
#3	1.338385	29.08374	.1537293	.0020152	1.934045	.3352724	.4123778

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.386048	1.868565	-.092481	.0019323	1.457057	8.340461	.0105946
Stddev	.121004	.013179	.005535	.0002858	.007888	.041303	.0018380
%RSD	2.246619	.7053155	5.984945	14.78916	.5413507	.4952086	17.34818

#1	5.329825	1.864379	-.098426	.0020344	1.462675	8.315298	.0085553
#2	5.524935	1.857987	-.087477	.0016095	1.448039	8.317956	.0121233
#3	5.303383	1.883329	-.091541	.0021530	1.460456	8.388128	.0111052

Sample Name: K5181-02 Acquired: 10/03/2019 19:01:48 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: SOUTH-AVENUE Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.654042	.1976418	.0576401
Stddev	.018438	.0029417	.0005119
%RSD	1.114738	1.488425	.8880172

#1	1.638358	.1949057	.0570568
#2	1.649416	.1972663	.0578489
#3	1.674353	.2007532	.0580145

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1525.728	2853.310	35015.25	6740.865	2570.143
Stddev	6.692	2.131	186.18	49.601	3.873
%RSD	.4385942	.0746836	.5317182	.7358183	.1506745

#1	1519.249	2855.535	34807.36	6720.608	2572.213
#2	1532.614	2853.108	35166.64	6797.388	2572.540
#3	1525.321	2851.288	35071.76	6704.600	2565.675

Sample Name: K5181-03 Acquired: 10/03/2019 19:05:32 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SOUTH-AVENUE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0294272	-.009496	.1335179	.0492819	.0033252	172.2097	.4488395
Stddev	.0038536	.001157	.0023047	.0024036	.0005079	1.6414	.0036409
%RSD	13.09551	12.17942	1.726174	4.877181	15.27434	.9531481	.8111887

#1	.0294945	-.008720	.1352624	.0477905	.0027773	170.3777	.4451799
#2	.0332467	-.008942	.1309051	.0480007	.0034180	172.7049	.4488773
#3	.0255403	-.010825	.1343862	.0520547	.0037804	173.5465	.4524615

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096721	-.003886	5.399429	.2061351	.0699976	.1263753	276.1642
Stddev	.0001188	.000098	.064809	.0006932	.0001304	.0014266	2.6839
%RSD	1.228349	2.534608	1.200292	.3362911	.1862554	1.128861	.9718636

#1	.0096941	-.003895	5.419014	.2068475	.0701481	.1261923	273.5836
#2	.0095438	-.003783	5.327087	.2054628	.0699258	.1250490	275.9683
#3	.0097783	-.003980	5.452187	.2060950	.0699190	.1278845	278.9407

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.86874	29.35509	.1513466	.0008284	1.746363	.3642937	.3289879
Stddev	.11553	.36433	.0001005	.0002522	.198568	.0043431	.0021765
%RSD	.8977572	1.241125	.0663987	30.43948	11.37040	1.192212	.6615682

#1	12.74594	28.94181	.1512318	.0005466	1.524381	.3595111	.3305527
#2	12.88500	29.49364	.1513896	.0009059	1.807631	.3653782	.3299087
#3	12.97528	29.62983	.1514185	.0010328	1.907078	.3679919	.3265024

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.036763	1.949963	-.124571	.0008130	.4804486	7.653313	.0109500
Stddev	.064770	.004718	.007708	.0001397	.0064205	.117026	.0016199
%RSD	1.072926	.2419742	6.187299	17.17770	1.336355	1.529086	14.79367

#1	5.962859	1.945373	-.132164	.0008663	.4867952	7.694213	.0117509
#2	6.063774	1.949715	-.116754	.0006545	.4739567	7.521327	.0090856
#3	6.083655	1.954800	-.124796	.0009181	.4805939	7.744401	.0120134

Sample Name: K5181-03 Acquired: 10/03/2019 19:05:32 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SOUTH-AVENUE Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.611349	.2167934	.0922572
Stddev	.024456	.0025612	.0009281
%RSD	1.517747	1.181386	1.005998

#1	1.583122	.2174898	.0913594
#2	1.624723	.2139561	.0921992
#3	1.626201	.2189344	.0932129

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1540.371	2845.197	35427.94	6747.387	2528.790
Stddev	4.945	.620	89.89	30.145	3.746
%RSD	.3210133	.0217822	.2537385	.4467652	.1481199

#1	1544.078	2844.750	35358.63	6734.152	2533.044
#2	1534.757	2845.905	35395.69	6781.885	2527.337
#3	1542.278	2844.937	35529.52	6726.123	2525.988

Sample Name: CCV05 Acquired: 10/03/2019 19:09:16 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	4.971417	4.950621	4.982178	4.873324	5.073492	9.924390	9.845680
Stddev	.008588	.015858	.008073	.008063	.009156	.113714	.161907
%RSD	.1727437	.3203188	.1620426	.1654567	.1804689	1.145803	1.644449

#1	4.967594	4.941637	4.973632	4.875124	5.067935	9.794644	9.918101
#2	4.965405	4.968931	4.989677	4.880335	5.068481	9.971790	9.660204
#3	4.981253	4.941295	4.983224	4.864513	5.084059	10.00674	9.958736

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2509953	2.468605	24.80396	1.004355	2.497588	1.253063	4.908332
Stddev	.0021428	.005875	.25730	.001148	.003853	.014113	.022489
%RSD	.8537098	.2379884	1.037344	.1142882	.1542523	1.126298	.4581733

#1	.2534679	2.462479	24.51241	1.003089	2.493281	1.237182	4.882647
#2	.2498384	2.474192	24.90018	1.004650	2.500705	1.257837	4.917869
#3	.2496797	2.469144	24.99929	1.005327	2.498780	1.264171	4.924481

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.490092	24.69030	2.506758	1.244566	25.10139	2.477123	2.494158
Stddev	.026570	.21796	.003848	.005336	.17370	.036421	.008577
%RSD	1.067044	.8827800	.1534993	.4287245	.6919917	1.470286	.3438954

#1	2.459733	24.44022	2.502329	1.240296	25.06314	2.435188	2.484284
#2	2.501430	24.79080	2.509281	1.242855	25.29103	2.495337	2.498415
#3	2.509112	24.83988	2.508664	1.250547	24.95000	2.500843	2.499773

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.30564	5.163171	4.986160	5.029785	4.918733	4.978571	5.063891
Stddev	.16467	.007428	.038536	.012340	.021500	.041509	.008266
%RSD	.6774893	.1438718	.7728682	.2453367	.4371112	.8337441	.1632403

#1	24.16380	5.160598	5.030615	5.022815	4.895795	5.026499	5.056649
#2	24.26689	5.171543	4.962232	5.022506	4.938427	4.954993	5.062126
#3	24.48623	5.157371	4.965634	5.044032	4.921977	4.954221	5.072897

Sample Name: CCV05 Acquired: 10/03/2019 19:09:16 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.963643	4.815744	4.958842
Stddev	.058743	.034636	.092416
%RSD	1.183462	.7192154	1.863666

#1	4.897737	4.776121	4.889625
#2	4.982702	4.830854	4.923112
#3	5.010489	4.840258	5.063789

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1346.716	2522.671	31284.33	5942.647	2515.772
Stddev	11.870	6.976	234.45	25.068	5.651
%RSD	.8814138	.2765519	.7494265	.4218238	.2246412

#1	1359.653	2528.462	31491.36	5917.083	2522.092
#2	1344.170	2524.626	31331.88	5967.186	2514.017
#3	1336.326	2514.926	31029.74	5943.673	2511.206

Sample Name: CCB05 Acquired: 10/03/2019 19:13:02 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	.0014267	.0000183	.0010225	.0003019	.0001065	.0138295	.0018288
Stddev	.0038773	.0031729	.0003032	.0016689	.0009816	.0102889	.0006134
%RSD	271.7738	17351.11	29.65458	552.8535	921.5553	74.39813	33.53845

#1	-.002375	-.000363	.0006932	-.000122	.0009026	.0019739	.0025292
#2	.001280	-.002947	.0010839	-.001114	-.000990	.0204236	.0013875
#3	.005375	.003365	.0012902	.002142	.000407	.0190912	.0015698

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000535	.0000771	-.001570	-.000067	.0000901	.0006176	.0018745
Stddev	.0000565	.0000281	.004812	.000207	.0001134	.0012881	.0075291
%RSD	105.4772	36.45033	306.5865	308.1877	125.8770	208.5566	401.6605

#1	.0000394	.0000817	.003957	.000153	-.000024	-.000652	.0105678
#2	.0000055	.0000470	-.004829	-.000258	.000092	.001923	-.002558
#3	.0001157	.0001026	-.003836	-.000096	.000203	.000582	-.002386

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002725	-.001691	.0001527	-.000089	-.039378	.0000982	.0002487
Stddev	.0004269	.012371	.0002076	.000426	.248468	.0013299	.0001272
%RSD	156.6488	731.4682	135.9596	479.2977	630.9760	1353.942	51.14453

#1	.0007347	.001157	-.000072	.000191	.247028	.0008008	.0003909
#2	-.000107	-.015238	.000193	-.000579	-.197242	-.001436	.0002098
#3	.000190	.009008	.000337	.000121	-.167921	.000929	.0001456

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005976	-.000090	.0044187	.0006755	.0058074	.0043381	.0011114
Stddev	.055082	.003377	.0002613	.0004064	.0022631	.0030709	.0011538
%RSD	921.6780	3760.132	5.914058	60.15879	38.97020	70.78935	103.8143

#1	-.065102	-.003545	.0046209	.0010701	.0064686	.0073992	.0020462
#2	.043889	.000073	.0045116	.0006980	.0032872	.0043577	-.000178
#3	.003284	.003203	.0041236	.0002583	.0076662	.0012574	.001466

Sample Name: CCB05 Acquired: 10/03/2019 19:13:02 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001614	.0011862	.0007858
Stddev	.0007943	.0022462	.0004145
%RSD	492.0880	189.3629	52.74556

#1	.0009252	.0037770	.0012464
#2	.0002192	-.000214	.0006682
#3	-.000660	-.000004	.0004429

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1360.131	2522.651	31295.23	5884.850	2622.740
Stddev	6.936	5.224	58.25	39.639	2.425
%RSD	.5099767	.2071034	.1861208	.6735704	.0924459

#1	1359.372	2517.143	31317.27	5898.546	2621.475
#2	1353.605	2527.536	31229.18	5840.179	2625.536
#3	1367.415	2523.273	31339.24	5915.824	2621.210

Sample Name: K5181-04 Acquired: 10/03/2019 19:16:55 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SOUTH-AVENUE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0868591	-.008748	.3298719	.0421084	.0062104	161.6115	.8993545
Stddev	.0022475	.002072	.0022234	.0051259	.0018859	1.5778	.0065956
%RSD	2.587524	23.68438	.6740254	12.17322	30.36705	.9762840	.7333732

#1	.0845035	-.006567	.3273602	.0479937	.0040966	159.7909	.8919764
#2	.0870936	-.008986	.3315883	.0397118	.0077206	162.4626	.9046791
#3	.0889801	-.010690	.3306672	.0386198	.0068141	162.5809	.9014080

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112544	-.001332	8.958014	.1670585	.0693698	.3148724	236.3246
Stddev	.0000123	.000079	.064815	.0013468	.0007693	.0040647	2.2268
%RSD	.1092201	5.953184	.7235441	.8061520	1.108965	1.290916	.9422827

#1	.0112665	-.001275	8.888714	.1680665	.0700792	.3105535	233.7793
#2	.0112548	-.001298	9.017142	.1655289	.0685521	.3154404	237.9135
#3	.0112419	-.001423	8.968187	.1675800	.0694782	.3186233	237.2810

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.112203	26.19192	.1724624	.0046557	1.428631	.3022818	1.164761
Stddev	.087636	.30265	.0006143	.0001087	.189396	.0041914	.005819
%RSD	.9617422	1.155518	.3561642	2.335195	13.25717	1.386589	.4995690

#1	9.013386	25.84250	.1719263	.0045707	1.213513	.2983013	1.170724
#2	9.180490	26.37174	.1723283	.0047782	1.502070	.3066563	1.159098
#3	9.142733	26.36152	.1731327	.0046183	1.570309	.3018877	1.164462

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.141499	9.960722	-.100928	.0024401	2.793435	3.578549	.0237527
Stddev	.050754	.007750	.004464	.0002549	.010256	.046033	.0021747
%RSD	.9871497	.0778014	4.423199	10.44452	.3671509	1.286354	9.155544

#1	5.194164	9.953171	-.106079	.0023526	2.791448	3.531073	.0258629
#2	5.092900	9.968656	-.098164	.0027272	2.784318	3.622988	.0215188
#3	5.137433	9.960338	-.098542	.0022406	2.804539	3.581585	.0238765

Sample Name: K5181-04 Acquired: 10/03/2019 19:16:55 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SOUTH-AVENUE Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.074851	.2050320	.1135947
Stddev	.010059	.0015947	.0015168
%RSD	.9358398	.7777825	1.335294

#1	1.063353	.2032208	.1118635
#2	1.082020	.2062251	.1146908
#3	1.079182	.2056502	.1142297

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1559.169	2912.768	36163.33	6904.097	2569.951
Stddev	14.784	2.939	266.61	23.983	1.314
%RSD	.9482068	.1009077	.7372417	.3473786	.0511174

#1	1542.146	2916.162	35889.61	6878.355	2568.577
#2	1568.791	2911.097	36422.22	6908.125	2571.195
#3	1566.570	2911.045	36178.15	6925.812	2570.081

Sample Name: K5140-04 Acquired: 10/03/2019 19:20:39 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HR-05-100219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028222	-.000893	.0161785	.0024155	.0011634	.1707022	.1581507
Stddev	.0016398	.000481	.0018163	.0014413	.0019554	.0125152	.0014432
%RSD	58.10242	53.89456	11.22642	59.66580	168.0810	7.331583	.9125231

#1	.0026759	-.001097	.0181234	.0012562	-.000752	.1833721	.1565014
#2	.0045302	-.001238	.0158858	.0040292	.001086	.1703866	.1587691
#3	.0012605	-.000343	.0145264	.0019613	.003156	.1583478	.1591816

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001022	.0002287	37.85780	.0007334	.0006378	.0137473	.0818911
Stddev	.0000476	.0000429	.51416	.0003449	.0003658	.0022533	.0191214
%RSD	46.56438	18.75919	1.358137	47.02907	57.35403	16.39071	23.34981

#1	.0000495	.0002460	37.27986	.0004738	.0002154	.0132855	.1016182
#2	.0001421	.0001798	38.02910	.0006017	.0008458	.0117607	.0806161
#3	.0001150	.0002602	38.26444	.0011248	.0008523	.0161957	.0634391

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5910728	1.315529	.0042955	-.000488	251.0898	-.001227	.0985309
Stddev	.0057713	.032389	.0000939	.000126	3.2085	.003403	.0003749
%RSD	.9764147	2.462029	2.185745	25.78685	1.277829	277.4097	.3804998

#1	.5845664	1.316323	.0044035	-.000369	247.4114	-.004846	.0981893
#2	.5930775	1.282750	.0042494	-.000475	252.5461	.001909	.0989320
#3	.5955744	1.347513	.0042336	-.000620	253.3118	-.000744	.0984716

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7803453	.0118150	.0211723	-.000022	.7601967	1.533743	-.001470
Stddev	.1260433	.0021869	.0002468	.000227	.0060253	.020963	.000685
%RSD	16.15224	18.50959	1.165794	1031.477	.7926023	1.366760	46.57807

#1	.8936916	.0101822	.0208916	-.000102	.7565559	1.519728	-.001269
#2	.8027377	.0109633	.0212702	-.000198	.7671516	1.557842	-.002233
#3	.6446066	.0142997	.0213553	.000234	.7568826	1.523660	-.000909

Sample Name: K5140-04 Acquired: 10/03/2019 19:20:39 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HR-05-100219 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005614	-.000178	.1780414
Stddev	.0003885	.001570	.0015192
%RSD	69.20579	884.0352	.8532919

#1	.0002765	.001544	.1763401
#2	.0004037	-.000548	.1785218
#3	.0010040	-.001529	.1792623

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1300.067	2429.281	30081.08	5882.121	2429.338
Stddev	5.096	1.729	195.98	44.702	2.553
%RSD	.3920091	.0711848	.6515214	.7599659	.1051046

#1	1294.919	2431.261	29878.90	5915.180	2426.393
#2	1305.110	2428.068	30270.21	5831.260	2430.702
#3	1300.172	2428.514	30094.14	5899.922	2430.921

Sample Name: K5140-04DUP Acquired: 10/03/2019 19:24:30 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HR-05-100219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047899	-.000013	.0136105	.0011572	.0030845	.1455699	.1527143
Stddev	.0032959	.000447	.0003321	.0003008	.0034310	.0112233	.0011231
%RSD	68.80922	3547.461	2.440204	25.99293	111.2331	7.709893	.7354412

#1	.0028563	.000489	.0132377	.0008653	.0005828	.1527121	.1514483
#2	.0085954	-.000372	.0137187	.0014661	.0016750	.1513638	.1531038
#3	.0029179	-.000155	.0138750	.0011401	.0069957	.1326338	.1535908

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000319	.0002916	36.51999	.0011725	.0008651	.0139332	.0458040
Stddev	.0000132	.0000251	.43320	.0003513	.0001555	.0006489	.0070880
%RSD	41.28049	8.612474	1.186206	29.96527	17.96932	4.657439	15.47460

#1	.0000389	.0002860	36.02622	.0014898	.0008115	.0131967	.0503702
#2	.0000167	.0002698	36.83619	.0007949	.0007436	.0141822	.0494033
#3	.0000401	.0003191	36.69757	.0012327	.0010403	.0144208	.0376386

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5682457	1.274422	.0039970	-.000226	241.6806	-.002791	.0933226
Stddev	.0081629	.023863	.0006058	.000228	3.2023	.003497	.0008259
%RSD	1.436509	1.872422	15.15748	100.8651	1.325024	125.2681	.8849955

#1	.5588327	1.293401	.0032994	-.000390	238.0195	-.006330	.0931967
#2	.5725291	1.247633	.0043006	.000034	243.9611	.000662	.0942043
#3	.5733754	1.282231	.0043910	-.000322	243.0610	-.002706	.0925669

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8648001	.0111073	.0185825	-.000044	.7207706	1.464071	-.001524
Stddev	.0995525	.0029065	.0011600	.000429	.0078025	.003006	.001880
%RSD	11.51162	26.16710	6.242244	969.4204	1.082517	.2052985	123.3521

#1	.9616824	.0125602	.0194282	.000418	.7296982	1.460848	-.003130
#2	.7627767	.0130008	.0172601	-.000430	.7152576	1.464567	.000544
#3	.8699413	.0077608	.0190592	-.000120	.7173558	1.466798	-.001986

Sample Name: K5140-04DUP Acquired: 10/03/2019 19:24:30 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HR-05-100219 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001467	.0025049	.1713017
Stddev	.000204	.0013262	.0016297
%RSD	13.92628	52.94437	.9513352

#1	-.001703	.0009786	.1694235
#2	-.001358	.0033761	.1721413
#3	-.001341	.0031600	.1723404

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1291.175	2431.725	30073.74	5827.288	2439.507
Stddev	6.686	4.640	126.79	22.157	8.721
%RSD	.5177947	.1907915	.4215980	.3802219	.3575066

#1	1295.503	2426.370	30091.53	5825.764	2430.192
#2	1283.475	2434.277	29939.00	5805.933	2440.849
#3	1294.547	2434.529	30190.70	5850.168	2447.479

Sample Name: K5140-04LX5 Acquired: 10/03/2019 19:28:21 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	.0004879	-.000237	.0026813	.0012070	.0011302	.0623019	.0323021
Stddev	.0025062	.002215	.0010685	.0033094	.0014594	.0135266	.0003872
%RSD	513.6756	933.8255	39.85156	274.1812	129.1217	21.71140	1.198654

#1	.0007819	-.002345	.0037798	.0049973	.0021907	.0681232	.0321909
#2	.0028342	.002071	.0016455	-.001110	-.000534	.0468393	.0319827
#3	-.002152	-.000438	.0026185	-.000267	.001734	.0719434	.0327328

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000245	.0000296	7.759931	.0004028	.0000743	.0020471	.0731861
Stddev	.0000747	.0000471	.043969	.0002207	.0002750	.0004376	.0023873
%RSD	304.6987	159.3133	.5666207	54.79314	370.2351	21.37891	3.261955

#1	.0000727	-.000025	7.730798	.0006523	-.000195	.0024689	.0753856
#2	.0000622	.000059	7.738486	.0003227	.000063	.0015952	.0735253
#3	-.000061	.000054	7.810508	.0002333	.000355	.0020773	.0706473

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1218707	.3011658	.0009437	-.000315	51.23404	-.003446	.0196947
Stddev	.0003982	.0323388	.0005006	.000323	.54554	.000315	.0003859
%RSD	.3267519	10.73788	53.04370	102.4576	1.064793	9.143179	1.959427

#1	.1215368	.2649119	.0003777	-.000183	51.01359	-.003717	.0193115
#2	.1217639	.3115442	.0011251	-.000079	50.83323	-.003519	.0196894
#3	.1223115	.3270414	.0013282	-.000684	51.85531	-.003100	.0200833

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1755370	.0034950	-.001137	.0008881	.1565906	.3189332	-.000299
Stddev	.0505761	.0006050	.000568	.0000974	.0048576	.0038385	.002181
%RSD	28.81222	17.31198	49.93661	10.96873	3.102129	1.203543	730.5591

#1	.2170017	.0040683	-.001037	.0008666	.1609042	.3232434	.000574
#2	.1904200	.0028625	-.001747	.0009945	.1513287	.3176732	.001311
#3	.1191893	.0035541	-.000626	.0008032	.1575388	.3158831	-.002781

Sample Name: K5140-04LX5 Acquired: 10/03/2019 19:28:21 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005716	.0016182	.0362457
Stddev	.0002531	.0008832	.0001222
%RSD	44.27357	54.58174	.3370996

#1	.0008382	.0018582	.0361337
#2	.0005420	.0023565	.0362274
#3	.0003346	.0006397	.0363760

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1356.303	2522.790	31087.36	5912.658	2603.952
Stddev	6.889	11.476	94.51	41.857	14.774
%RSD	.5079275	.4549090	.3040257	.7079243	.5673793

#1	1362.293	2532.460	31193.21	5864.748	2618.462
#2	1357.842	2525.803	31011.41	5942.136	2604.467
#3	1348.775	2510.108	31057.46	5931.091	2588.927

Sample Name: K5140-04MS Acquired: 10/03/2019 19:32:13 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HR-05-100219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7701896	1.879630	.9737794	1.664703	.7986826	2.145837	.3651077
Stddev	.0039694	.002187	.0040305	.006833	.0012593	.026871	.0054145
%RSD	.5153794	.1163706	.4138988	.4104340	.1576756	1.252258	1.482999

#1	.7722991	1.878446	.9704745	1.658357	.7978952	2.115183	.3589438
#2	.7656108	1.882154	.9725941	1.663818	.7980176	2.157001	.3672830
#3	.7726588	1.878290	.9782696	1.671936	.8001351	2.165327	.3690963

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1909810	.1907277	40.15856	.4023679	.1973206	.3177173	3.075839
Stddev	.0028099	.0007062	.57841	.0012217	.0001838	.0011400	.050825
%RSD	1.471319	.3702754	1.440322	.3036303	.0931697	.3588003	1.652404

#1	.1878947	.1900169	39.52458	.4010113	.1971793	.3166861	3.019549
#2	.1933911	.1907370	40.29358	.4033812	.1972542	.3189414	3.089605
#3	.1916574	.1914293	40.65752	.4027112	.1975285	.3175245	3.118364

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8134675	3.300594	.4931591	.0711336	262.6253	.3063695	.2790168
Stddev	.0117199	.068194	.0009984	.0003606	4.1783	.0043454	.0014335
%RSD	1.440737	2.066108	.2024497	.5068926	1.590979	1.418341	.5137533

#1	.8007130	3.223530	.4920218	.0714220	257.8476	.3014506	.2797869
#2	.8159270	3.353135	.4938911	.0712495	264.4324	.3079714	.2799006
#3	.8237625	3.325117	.4935644	.0707294	265.5960	.3096865	.2773629

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.04218	6.007116	.2988876	.4182012	.7460676	2.505652	.7189998
Stddev	.14246	.007992	.0049778	.0010708	.0073662	.033467	.0038567
%RSD	1.290102	.1330389	1.665436	.2560478	.9873326	1.335654	.5363939

#1	10.87785	5.998798	.2942504	.4170450	.7505946	2.468530	.7171976
#2	11.11806	6.014736	.3041474	.4183997	.7375679	2.533515	.7163740
#3	11.13063	6.007814	.2982651	.4191588	.7500404	2.514911	.7234276

Sample Name: K5140-04MS Acquired: 10/03/2019 19:32:13 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HR-05-100219 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2021924	.2059540	.3817638
Stddev	.0031018	.0036888	.0044794
%RSD	1.534063	1.791099	1.173332

#1	.1990182	.2023071	.3765940
#2	.2023430	.2058715	.3842070
#3	.2052162	.2096834	.3844902

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1278.486	2398.157	29822.43	5668.006	2410.432
Stddev	3.813	2.920	108.06	48.411	2.519
%RSD	.2982138	.1217716	.3623470	.8541165	.1045209

#1	1274.515	2401.469	29740.02	5723.903	2411.876
#2	1282.118	2397.047	29782.50	5639.483	2411.896
#3	1278.824	2395.954	29944.78	5640.632	2407.523

Sample Name: K5140-04MSD Acquired: 10/03/2019 19:35:55 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HR-05-100219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7602585	1.874664	.9759393	1.674234	.7946904	2.158923	.3628626
Stddev	.0037880	.007436	.0007517	.004083	.0024136	.031959	.0014774
%RSD	.4982581	.3966413	.0770204	.2438700	.3037109	1.480327	.4071403

#1	.7626057	1.878589	.9751958	1.674131	.7969854	2.122706	.3612942
#2	.7622814	1.879316	.9759234	1.670204	.7949124	2.170897	.3630657
#3	.7558885	1.866089	.9766988	1.678368	.7921736	2.183166	.3642279

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1915890	.1917023	39.56390	.4042058	.1976602	.3226777	3.061057
Stddev	.0028473	.0006094	.18663	.0012281	.0007244	.0054287	.022107
%RSD	1.486142	.3179156	.4717186	.3038253	.3664910	1.682398	.7221926

#1	.1948531	.1921373	39.35180	.4055049	.1984471	.3164092	3.042072
#2	.1902978	.1910058	39.63687	.4030639	.1970210	.3257924	3.055770
#3	.1896161	.1919639	39.70301	.4040486	.1975125	.3258315	3.085327

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8032651	3.290567	.4945922	.0710752	259.6162	.3083498	.2803857
Stddev	.0064464	.024920	.0018865	.0006177	1.2141	.0007407	.0019579
%RSD	.8025233	.7573022	.3814166	.8690164	.4676522	.2402009	.6982878

#1	.7960978	3.282614	.4966135	.0707511	258.2197	.3081531	.2784065
#2	.8051086	3.318493	.4928784	.0706870	260.4208	.3077274	.2823215
#3	.8085889	3.270595	.4942848	.0717874	260.2081	.3091690	.2804291

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.09340	5.995306	.2977570	.4158339	.7308226	2.483808	.7183591
Stddev	.19301	.025298	.0056153	.0017195	.0057649	.043819	.0027537
%RSD	1.739861	.4219642	1.885854	.4135003	.7888283	1.764179	.3833362

#1	10.93511	6.024443	.3040833	.4168786	.7370209	2.534359	.7193536
#2	11.03667	5.982547	.2958246	.4138494	.7256210	2.456655	.7204775
#3	11.30841	5.978929	.2933632	.4167738	.7298259	2.460410	.7152463

Sample Name: K5140-04MSD Acquired: 10/03/2019 19:35:55 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HR-05-100219 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2014488	.2066802	.3790751
Stddev	.0022809	.0029852	.0034319
%RSD	1.132261	1.444335	.9053295

#1	.1991331	.2033118	.3754661
#2	.2015198	.2077308	.3794621
#3	.2036933	.2089981	.3822970

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1291.918	2421.620	30158.07	5742.138	2428.277
Stddev	21.926	11.693	234.14	29.589	13.052
%RSD	1.697192	.4828400	.7763865	.5153017	.5374814

#1	1316.545	2408.128	30425.25	5710.642	2413.214
#2	1274.516	2428.803	30060.34	5746.416	2436.238
#3	1284.693	2427.930	29988.63	5769.355	2435.378

Sample Name: K5140-04A Acquired: 10/03/2019 19:39:35 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	.7476088	1.858215	.9649920	1.654627	.7778339	2.138083	.3614522
Stddev	.0055512	.010514	.0017285	.009256	.0031800	.022544	.0024510
%RSD	.7425247	.5658108	.1791244	.5594090	.4088238	1.054388	.6780928

#1	.7536437	1.869613	.9667174	1.662604	.7800114	2.114462	.3588214
#2	.7427204	1.856134	.9632604	1.644478	.7793056	2.140420	.3618642
#3	.7464622	1.848896	.9649982	1.656799	.7741846	2.159368	.3636711

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1898826	.1900009	39.64113	.4000757	.1956155	.3178415	3.046779
Stddev	.0010729	.0002027	.35998	.0003904	.0003735	.0020592	.014525
%RSD	.5650222	.1066601	.9081090	.0975874	.1909336	.6478732	.4767426

#1	.1892281	.1901744	39.27249	.4001221	.1952321	.3156371	3.030977
#2	.1892988	.1897782	39.65914	.3996641	.1956360	.3181718	3.049810
#3	.1911207	.1900500	39.99178	.4004408	.1959782	.3197156	3.059549

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8014826	3.292836	.4893955	.0706039	258.9716	.3047325	.2782876
Stddev	.0064609	.030614	.0015010	.0003353	2.2313	.0041837	.0027006
%RSD	.8061223	.9297021	.3067113	.4749798	.8616130	1.372923	.9704238

#1	.7941108	3.260624	.4904551	.0709558	256.5677	.3008726	.2805514
#2	.8041753	3.321551	.4876778	.0702880	259.3706	.3091783	.2790129
#3	.8061616	3.296332	.4900535	.0705678	260.9765	.3041467	.2752984

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.97753	5.906727	.2981219	.4100285	.7314876	2.467639	.7073475
Stddev	.08751	.024137	.0024680	.0006404	.0034217	.012967	.0036479
%RSD	.7971740	.4086386	.8278586	.1561867	.4677661	.5254657	.5157190

#1	10.87740	5.926248	.2995182	.4102580	.7279759	2.456636	.7045178
#2	11.03934	5.879739	.2952723	.4093050	.7348114	2.464346	.7060601
#3	11.01586	5.914195	.2995754	.4105225	.7316756	2.481935	.7114646

Sample Name: K5140-04A Acquired: 10/03/2019 19:39:35 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2014233	.2074693	.3777896
Stddev	.0020849	.0019491	.0042787
%RSD	1.035075	.9394815	1.132575

#1	.1990386	.2052395	.3730507
#2	.2023300	.2083191	.3789490
#3	.2029012	.2088492	.3813692

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1300.024	2446.904	30243.94	5739.861	2451.519
Stddev	20.967	6.222	227.75	22.606	5.421
%RSD	1.612787	.2542964	.7530422	.3938453	.2211249

#1	1280.595	2440.243	30039.53	5713.862	2445.422
#2	1297.230	2447.904	30202.85	5750.841	2453.340
#3	1322.248	2452.566	30489.43	5754.880	2455.795

Sample Name: K5143-04 Acquired: 10/03/2019 19:43:16 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: NB-08-100219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023860	-.001124	.0110765	-.000106	-.000132	.0483793	.1062358
Stddev	.0051797	.000614	.0004683	.002394	.001279	.0082188	.0018669
%RSD	217.0851	54.60995	4.227494	2258.004	972.2449	16.98826	1.757311

#1	.0081081	-.001616	.0109612	-.001524	.001099	.0570709	.1040826
#2	-.001983	-.000436	.0115917	-.001452	-.001454	.0407334	.1074017
#3	.001033	-.001320	.0106768	.002658	-.000040	.0473335	.1072232

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000003	.0001038	9.483562	.0002249	-.000269	.0025380	.0175578
Stddev	.000041	.0000502	.168553	.0001728	.000338	.0022986	.0019745
%RSD	1567.607	48.38231	1.777317	76.85778	125.7742	90.56806	11.24593

#1	.000044	.0001602	9.298992	.0003116	.000109	-.000107	.0180065
#2	-.000019	.0000875	9.522364	.0003372	-.000544	.004056	.0192693
#3	-.000034	.0000638	9.629330	.0000259	-.000371	.003664	.0153975

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0233383	1.654678	.0012200	-.000430	230.1635	-.000855	.0495695
Stddev	.0004361	.065401	.0004844	.000312	4.0680	.002029	.0005413
%RSD	1.868792	3.952512	39.70643	72.62775	1.767439	237.2838	1.092014

#1	.0229578	1.580993	.0017531	-.000746	225.4710	-.003172	.0491212
#2	.0232429	1.677195	.0008069	-.000122	232.6936	.000602	.0501709
#3	.0238143	1.705846	.0010998	-.000423	232.3261	.000005	.0494164

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6122373	.0178095	.0059834	-.000102	.1502263	.3013145	.0011561
Stddev	.0449847	.0004520	.0005397	.000174	.0024970	.0022930	.0006442
%RSD	7.347596	2.537805	9.019925	170.6838	1.662128	.7610109	55.72105

#1	.5648342	.0182145	.0053950	.000078	.1521297	.3028838	.0015893
#2	.6175449	.0173220	.0060996	-.000114	.1473991	.3023766	.0014631
#3	.6543328	.0178922	.0064555	-.000269	.1511501	.2986829	.0004158

Sample Name: K5143-04 Acquired: 10/03/2019 19:43:16 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: NB-08-100219 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000515	.0046264	.0841843
Stddev	.000561	.0007451	.0017233
%RSD	108.9094	16.10608	2.047058

#1	-.000897	.0037905	.0821944
#2	-.000777	.0052209	.0851819
#3	.000129	.0048679	.0851766

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1300.747	2429.202	30072.94	5792.949	2450.940
Stddev	10.355	7.256	35.18	26.371	2.621
%RSD	.7961157	.2986841	.1169717	.4552267	.1069505

#1	1296.609	2426.958	30037.55	5801.388	2451.577
#2	1293.100	2437.315	30073.37	5763.392	2448.058
#3	1312.532	2423.334	30107.90	5814.068	2453.183

Sample Name: K5156-02 Acquired: 10/03/2019 19:47:08 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PSEG-GAS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102443	-.001119	.0305488	.0022250	.0024851	.0948961	.1256889
Stddev	.0036270	.001362	.0007531	.0017492	.0012526	.0078678	.0008677
%RSD	35.40474	121.7887	2.465352	78.61518	50.40491	8.290989	.6903480

#1	.0143757	-.000219	.0299716	.0019002	.0027392	.1009375	.1249395
#2	.0075836	-.002686	.0302741	.0006610	.0011249	.0859993	.1254877
#3	.0087738	-.000451	.0314008	.0041139	.0035912	.0977516	.1266395

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000061	.0000592	7.591501	.0009622	.0092227	.0057291	1.620135
Stddev	.000052	.0000233	.055170	.0004097	.0002120	.0012450	.013853
%RSD	84.36452	39.30757	.7267376	42.58022	2.298853	21.73139	.8550756

#1	-.000002	.0000675	7.527898	.0004892	.0089990	.0049714	1.605255
#2	-.000098	.0000330	7.620187	.0012078	.0094206	.0050499	1.622488
#3	-.000083	.0000773	7.626420	.0011895	.0092485	.0071661	1.632661

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3741881	1.106604	.0163695	-.000355	229.8174	.0021310	.1791406
Stddev	.0028532	.018433	.0008073	.000605	1.6352	.0021740	.0026416
%RSD	.7624966	1.665684	4.931971	170.1043	.7115138	102.0148	1.474591

#1	.3716376	1.090414	.0156775	.000336	228.1374	.0024264	.1779603
#2	.3736572	1.102734	.0172565	-.000620	229.9109	-.000176	.1772949
#3	.3772694	1.126664	.0161746	-.000783	231.4038	.004142	.1821666

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4058745	.0183081	.0060518	-.000054	.4747285	.4059334	-.000085
Stddev	.0561961	.0015621	.0016944	.000349	.0058950	.0036422	.001027
%RSD	13.84569	8.532459	27.99894	644.1369	1.241758	.8972433	1204.721

#1	.3410829	.0199395	.0057504	-.000323	.4741256	.4018456	-.000865
#2	.4351826	.0168260	.0045283	-.000179	.4691582	.4071214	.001079
#3	.4413582	.0181588	.0078767	.000340	.4809018	.4088333	-.000469

Sample Name: K5156-02 Acquired: 10/03/2019 19:47:08 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PSEG-GAS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000004	.0045265	.0319616
Stddev	.000200	.0020557	.0002771
%RSD	4809.417	45.41448	.8668647

#1	-.000225	.0056524	.0316650
#2	.000165	.0021539	.0320059
#3	.000047	.0057734	.0322138

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1282.846	2410.539	29784.48	5770.639	2440.199
Stddev	13.255	6.291	160.72	22.848	4.379
%RSD	1.033279	.2609959	.5396252	.3959361	.1794634

#1	1278.196	2405.041	29803.66	5746.128	2436.370
#2	1297.799	2417.400	29934.75	5774.444	2444.974
#3	1272.541	2409.177	29615.02	5791.347	2439.252

Sample Name: K5156-05 Acquired: 10/03/2019 19:50:59 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EAST-ACCESS- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038379	-.001301	.0074648	.0016902	.0006345	.0990331	.0704126
Stddev	.0027443	.001714	.0025408	.0016966	.0013894	.0083200	.0016033
%RSD	71.50547	131.7166	34.03760	100.3748	218.9763	8.401209	2.277039

#1	.0010337	.000373	.0073359	.0010031	-.000818	.0894973	.0686561
#2	.0039619	-.001225	.0100675	.0036226	.001951	.1027897	.0717976
#3	.0065182	-.003053	.0049908	.0004450	.000770	.1048124	.0707841

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000090	.0003379	74.83688	.0013366	.0037868	.0133591	.0115712
Stddev	.000031	.0000533	1.19355	.0005847	.0002285	.0015919	.0035138
%RSD	34.85346	15.76797	1.594872	43.74140	6.035112	11.91604	30.36674

#1	-.000117	.0003495	73.46691	.0015600	.0036180	.0138612	.0112209
#2	-.000056	.0002798	75.39172	.0006732	.0040468	.0146393	.0082457
#3	-.000097	.0003845	75.65202	.0017766	.0036954	.0115767	.0152470

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2277002	1.172052	.0062860	-.000251	224.9841	-.001909	.0594896
Stddev	.0040726	.015608	.0003254	.000223	3.0189	.001082	.0006249
%RSD	1.788578	1.331655	5.176475	88.96855	1.341816	56.68618	1.050392

#1	.2230522	1.154527	.0059895	-.000429	221.5091	-.000825	.0588029
#2	.2294056	1.177177	.0066341	-.000323	226.9609	-.001912	.0596411
#3	.2306429	1.184454	.0062344	-.000000	226.4821	-.002990	.0600247

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7721690	.0152952	.0056370	.0004109	.6819942	1.313836	-.002918
Stddev	.0492474	.0004558	.0006130	.0002392	.0044413	.007994	.000436
%RSD	6.377808	2.979829	10.87430	58.20646	.6512206	.6084239	14.95079

#1	.7188538	.0156852	.0063263	.0004057	.6869929	1.306463	-.003419
#2	.8159564	.0154062	.0054316	.0001743	.6804874	1.312712	-.002622
#3	.7816968	.0147942	.0051531	.0006526	.6785024	1.322332	-.002713

Sample Name: K5156-05 Acquired: 10/03/2019 19:50:59 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EAST-ACCESS- Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002125	.0072125	.2649931
Stddev	.001114	.0018384	.0042718
%RSD	52.40729	25.48895	1.612053

#1	-.002475	.0063702	.2600665
#2	-.000878	.0059462	.2676680
#3	-.003022	.0093212	.2672448

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1263.605	2376.376	29499.86	5722.709	2400.581
Stddev	6.397	6.355	52.75	25.276	8.255
%RSD	.5062148	.2674058	.1788005	.4416743	.3438874

#1	1269.074	2369.067	29493.03	5751.691	2394.624
#2	1256.572	2379.477	29555.69	5711.199	2397.116
#3	1265.170	2380.585	29450.86	5705.237	2410.004

Sample Name: CCV06 Acquired: 10/03/2019 19:54:50 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	4.927999	4.917671	4.979094	4.829979	5.019446	9.878070	9.764926
Stddev	.011901	.012355	.018121	.004615	.009666	.058484	.114844
%RSD	.2414904	.2512417	.3639391	.0955411	.1925679	.5920551	1.176086

#1	4.915918	4.921866	4.958264	4.827537	5.008486	9.810607	9.895068
#2	4.928369	4.903765	4.987789	4.835302	5.023100	9.914419	9.677799
#3	4.939710	4.927383	4.991229	4.827099	5.026753	9.909185	9.721911

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2533616	2.465039	24.89505	1.006209	2.483054	1.246917	4.856105
Stddev	.0016824	.004382	.16931	.002473	.006113	.012830	.032997
%RSD	.6640404	.1777574	.6801038	.2457248	.2461744	1.028918	.6794965

#1	.2520405	2.463034	24.80160	1.003357	2.478436	1.232107	4.829908
#2	.2552557	2.462018	25.09050	1.007749	2.480740	1.254636	4.893164
#3	.2527887	2.470065	24.79306	1.007520	2.489986	1.254007	4.845245

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.490795	24.82500	2.495416	1.246624	24.99204	2.468012	2.457405
Stddev	.019626	.14402	.006311	.005781	.21620	.014555	.006797
%RSD	.7879500	.5801448	.2529044	.4637543	.8650748	.5897581	.2766091

#1	2.478986	24.67462	2.489488	1.249990	25.23278	2.452541	2.452141
#2	2.513451	24.96169	2.494711	1.249932	24.81444	2.481434	2.454995
#3	2.479949	24.83869	2.502050	1.239948	24.92890	2.470060	2.465079

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.29615	5.109215	5.013673	5.005497	4.847813	4.968422	5.051360
Stddev	.33097	.001875	.026766	.005631	.008093	.026856	.005923
%RSD	1.362240	.0367054	.5338500	.1124871	.1669499	.5405371	.1172626

#1	23.92512	5.110581	5.002164	5.000101	4.853905	4.946671	5.045434
#2	24.40235	5.107076	5.044268	5.005053	4.838629	4.998440	5.051365
#3	24.56099	5.109986	4.994587	5.011336	4.850904	4.960155	5.057281

Sample Name: CCV06 Acquired: 10/03/2019 19:54:50 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.940758	4.819698	4.849144
Stddev	.027932	.040313	.037143
%RSD	.5653390	.8364293	.7659704

#1	4.908518	4.798716	4.821908
#2	4.957662	4.866175	4.834070
#3	4.956094	4.794204	4.891454

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1369.194	2551.856	31409.32	5905.423	2545.222
Stddev	10.140	3.415	244.73	28.805	4.916
%RSD	.7406033	.1338318	.7791671	.4877648	.1931547

#1	1357.636	2555.696	31130.87	5881.404	2550.557
#2	1376.593	2550.713	31506.84	5897.508	2544.234
#3	1373.354	2549.159	31590.26	5937.358	2540.874

Sample Name: CCB06 Acquired: 10/03/2019 19:58:35 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	-.002985	.0013852	.0012032	-.002271	.0014035	.0034634	.0017536
Stddev	.002145	.0013898	.0008465	.002246	.0015389	.0007775	.0003702
%RSD	71.85072	100.3314	70.35903	98.90405	109.6394	22.44972	21.11242

#1	-.004991	.0001464	.0012089	.000084	.0031053	.0036381	.0021783
#2	-.000724	.0011212	.0003538	-.002507	.0001099	.0041387	.0015832
#3	-.003241	.0028881	.0020468	-.004389	.0009955	.0026134	.0014992

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000058	.0000334	.0053918	-.000071	.0001507	.0007245	-.003131
Stddev	.000063	.0000752	.0107653	.000204	.0004372	.0013021	.006480
%RSD	107.5421	225.0090	199.6616	288.7679	290.1018	179.7200	206.9255

#1	-.000111	.0000859	-.001036	-.000127	-.000073	.0010706	.004213
#2	.000011	.0000671	-.000609	-.000240	.000654	-.000716	-.008042
#3	-.000075	-.000053	.017820	.000155	-.000130	.001819	-.005565

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001384	.0368139	-.000082	-.000356	-.140402	-.000836	.0021491
Stddev	.0001904	.0134347	.000193	.000517	.266678	.001498	.0001199
%RSD	137.6217	36.49363	235.9426	145.0063	189.9392	179.2660	5.578813

#1	.0003470	.0522898	.000111	-.000243	-.194010	.000849	.0022587
#2	-.000026	.0300058	-.000276	.000094	.149008	-.002017	.0021676
#3	.000094	.0281462	-.000080	-.000921	-.376204	-.001339	.0020211

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0591728	.0001457	.0039158	.0007514	-.000517	.0006938	.0009216
Stddev	.0616926	.0018111	.0011248	.0001164	.002250	.0014144	.0005522
%RSD	104.2584	1243.058	28.72555	15.49328	435.5171	203.8611	59.91600

#1	-.012042	.0014302	.0031846	.0006256	-.000949	.0017541	.0015555
#2	.093258	.0009326	.0033518	.0008552	.001919	.0012395	.0006646
#3	.096303	-.001926	.0052110	.0007735	-.002519	-.000912	.0005448

Sample Name: CCB06 Acquired: 10/03/2019 19:58:35 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003642	.0009630	.0006354
Stddev	.0005900	.0023372	.0002650
%RSD	161.9953	242.6962	41.69992

#1	.0010393	.0033395	.0009343
#2	.0001057	.0008823	.0005428
#3	-.000052	-.001333	.0004292

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1350.690	2533.095	31158.26	5821.712	2628.680
Stddev	8.627	2.274	130.20	5.765	4.898
%RSD	.6386973	.0897824	.4178644	.0990175	.1863291

#1	1355.207	2532.506	31124.95	5822.341	2624.128
#2	1356.121	2531.173	31301.88	5815.659	2628.050
#3	1340.743	2535.606	31047.95	5827.137	2633.863

Sample Name: K5160-02 Acquired: 10/03/2019 20:02:29 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CSA-3-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035566	-.001952	.0033006	.0018468	-.000903	.1898526	.1400565
Stddev	.0048849	.001230	.0006692	.0020708	.001241	.0015016	.0019037
%RSD	137.3449	63.01097	20.27406	112.1325	137.3641	.7909332	1.359257

#1	-.002045	-.000699	.0040200	-.000059	.000512	.1883055	.1381832
#2	.006932	-.003159	.0031854	.004050	-.001420	.1913042	.1399970
#3	.005783	-.001999	.0026966	.001549	-.001802	.1899482	.1419892

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000090	.0000122	13.54616	.0012353	-.000578	.0053086	.0968085
Stddev	.000066	.0000755	.20256	.0002915	.000122	.0004582	.0059629
%RSD	73.11722	621.0919	1.495311	23.59892	21.13545	8.630716	6.159469

#1	-.000167	.0000807	13.33252	.0010481	-.000530	.0048380	.0903359
#2	-.000050	-.000069	13.57053	.0015712	-.000486	.0057532	.0980112
#3	-.000054	.000025	13.73542	.0010866	-.000716	.0053345	.1020783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1056800	2.082843	.0026509	-.000537	273.1693	-.000704	.0527709
Stddev	.0018353	.019700	.0003862	.000153	3.7630	.001622	.0005519
%RSD	1.736682	.9458027	14.57006	28.47995	1.377518	230.1982	1.045795

#1	.1037767	2.065541	.0028902	-.000687	269.1170	-.001210	.0521787
#2	.1058244	2.104283	.0022053	-.000381	273.8376	.001110	.0532708
#3	.1074389	2.078705	.0028571	-.000542	276.5534	-.002013	.0528633

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.124602	.0128427	.0235171	.0001972	.4268178	1.145225	.0008276
Stddev	.033740	.0039989	.0002806	.0001166	.0050639	.008684	.0008000
%RSD	3.000195	31.13775	1.193239	59.13347	1.186434	.7582784	96.66725

#1	1.125840	.0131420	.0233009	.0002845	.4318060	1.140940	.0006293
#2	1.090260	.0166836	.0238343	.0000648	.4216814	1.139517	.0001454
#3	1.157706	.0087026	.0234162	.0002425	.4269661	1.155219	.0017081

Sample Name: K5160-02 Acquired: 10/03/2019 20:02:29 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CSA-3-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0031387	.0051205	.0752327
Stddev	.0007031	.0005826	.0010414
%RSD	22.40043	11.37808	1.384186

#1	.0023283	.0057547	.0741049
#2	.0035027	.0049977	.0754352
#3	.0035852	.0046090	.0761579

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1268.758	2401.198	29624.78	5777.503	2421.109
Stddev	3.740	7.883	105.91	16.062	8.725
%RSD	.2947687	.3283145	.3574993	.2780019	.3603871

#1	1264.663	2392.178	29740.19	5779.206	2411.539
#2	1269.615	2404.643	29602.11	5792.646	2423.166
#3	1271.994	2406.772	29532.05	5760.658	2428.623

Sample Name: K5160-04 Acquired: 10/03/2019 20:06:21 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CSA-3-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000339	-.004108	.0028964	.0045273	.0000987	.1202128	.1165739
Stddev	.002255	.002901	.0011810	.0010858	.0013844	.0030439	.0009568
%RSD	665.9398	70.61273	40.77585	23.98347	1402.926	2.532080	.8207594

#1	-.001146	-.000923	.0033710	.0047872	.0016519	.1224203	.1156395
#2	.002209	-.006598	.0037663	.0033351	-.001005	.1214777	.1175516
#3	-.002078	-.004802	.0015519	.0054596	-.000351	.1167404	.1165305

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000029	.0001212	14.60922	.0010905	-.000027	.0050243	.0436982
Stddev	.000062	.0000311	.08477	.0001440	.000048	.0026459	.0065456
%RSD	212.9251	25.63873	.5802604	13.20575	179.6986	52.66158	14.97908

#1	.000042	.0000991	14.51467	.0012462	-.000062	.0028618	.0431043
#2	-.000067	.0001567	14.67843	.0010633	-.000045	.0042365	.0374699
#3	-.000063	.0001078	14.63458	.0009620	.000028	.0079746	.0505206

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1257417	4.166188	.0038536	-.000472	265.3570	-.000292	.0517329
Stddev	.0006954	.037567	.0003363	.000273	2.5583	.001567	.0006427
%RSD	.5530139	.9017228	8.726205	57.88137	.9640882	537.4800	1.242295

#1	.1249509	4.125621	.0035276	-.000483	262.4464	-.000146	.0510204
#2	.1260163	4.199777	.0038340	-.000739	266.3755	.001198	.0519095
#3	.1262578	4.173167	.0041992	-.000193	267.2492	-.001926	.0522688

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9511053	.0124490	.0186290	-.000002	.3111305	.9975378	-.000240
Stddev	.0322995	.0020749	.0011298	.000364	.0065192	.0055164	.000623
%RSD	3.395998	16.66712	6.064915	15719.21	2.095316	.5530034	259.4479

#1	.9402284	.0102006	.0188739	.000357	.3119344	.9994469	-.000008
#2	.9874393	.0128565	.0196162	.000006	.3172105	1.001846	-.000946
#3	.9256484	.0142899	.0173968	-.000370	.3042467	.991320	.000234

Sample Name: K5160-04 Acquired: 10/03/2019 20:06:21 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CSA-3-2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010301	.0053026	.0609882
Stddev	.0008314	.0017438	.0006870
%RSD	80.71413	32.88613	1.126487

#1	.0008676	.0033000	.0602616
#2	.0019308	.0061224	.0610757
#3	.0002919	.0064855	.0616273

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1295.292	2429.331	30224.41	5851.139	2441.792
Stddev	3.933	6.680	177.68	64.074	2.033
%RSD	.3036305	.2749582	.5878834	1.095061	.0832428

#1	1294.777	2421.881	30119.12	5810.663	2439.858
#2	1291.643	2431.325	30124.55	5817.742	2441.609
#3	1299.458	2434.786	30429.56	5925.012	2443.910

Sample Name: K5171-02 Acquired: 10/03/2019 20:10:14 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ETGI-341 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040976	-.000410	.0050260	.0050238	.0001672	.1659678	.1603123
Stddev	.0011433	.005255	.0009662	.0044110	.0012670	.0121480	.0032200
%RSD	27.90075	1280.106	19.22462	87.80260	757.8790	7.319511	2.008580

#1	.0054130	.002607	.0039414	.0100984	-.001282	.1519419	.1575209
#2	.0033432	-.006478	.0053421	.0028645	.001068	.1728080	.1595809
#3	.0035367	.002640	.0057947	.0021084	.000715	.1731536	.1638351

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000134	-.000175	188.3925	.0243197	-.000517	.0046636	.0214936
Stddev	.000026	.000047	2.8568	.0007889	.000200	.0025956	.0018275
%RSD	19.32373	27.04094	1.516401	3.244071	38.74086	55.65678	8.502714

#1	-.000163	-.000218	185.7021	.0235560	-.000747	.0033888	.0235993
#2	-.000113	-.000183	188.0846	.0251316	-.000409	.0029519	.0203214
#3	-.000127	-.000124	191.3907	.0242715	-.000393	.0076501	.0205600

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002891	.0233223	-.000258	-.000136	249.6080	-.001198	.0212122
Stddev	.0003479	.0140260	.000928	.000097	3.4229	.002233	.0004132
%RSD	120.3463	60.14002	359.6476	71.22546	1.371320	186.4861	1.947829

#1	-.000099	.0307173	-.000637	-.000107	246.0366	-.003227	.0214754
#2	.000573	.0071462	.000799	-.000243	249.9276	-.001561	.0207360
#3	.000394	.0321034	-.000937	-.000057	252.8600	.001195	.0214253

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.432289	.0042829	.0124243	.0029420	2.143095	.5556083	-.004517
Stddev	.145061	.0006790	.0012969	.0003772	.017165	.0101689	.001000
%RSD	1.720307	15.85274	10.43839	12.82184	.8009468	1.830233	22.14619

#1	8.341458	.0049089	.0116245	.0033716	2.162564	.5621509	-.005224
#2	8.355824	.0043786	.0117279	.0027891	2.136579	.5438929	-.004954
#3	8.599586	.0035611	.0139207	.0026652	2.130142	.5607811	-.003372

Sample Name: K5171-02 Acquired: 10/03/2019 20:10:14 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ETGI-341 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004001	.0182932	1.944676
Stddev	.000174	.0011702	.022967
%RSD	4.343213	6.397024	1.181004

#1	-.004181	.0180927	1.918414
#2	-.003834	.0172361	1.954615
#3	-.003989	.0195507	1.960999

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1258.982	2367.765	29559.72	5812.005	2371.472
Stddev	11.817	5.162	190.76	20.546	9.369
%RSD	.9386125	.2180096	.6453507	.3535172	.3950783

#1	1271.652	2361.889	29773.89	5822.216	2361.179
#2	1248.261	2369.835	29497.22	5825.445	2379.502
#3	1257.034	2371.571	29408.04	5788.353	2373.737

Sample Name: K5176-01DLX10 Acquired: 10/03/2019 20:14:07 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	.0174446	-.073295	1.428231	.1080667	.0507077	12.11458
Stddev	.0005121	.007252	.006335	.0051180	.0038373	.13367
%RSD	2.935756	9.894207	.4435703	4.735991	7.567589	1.103391

#1	.0178616	-.066171	1.428026	.1024357	.0528729	11.96034
#2	.0168730	-.073046	1.422001	.1093287	.0529730	12.18679
#3	.0175992	-.080669	1.434666	.1124356	.0462771	12.19663

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.555955	.0124740	.0001183	^ *****	1.043845	.1019223
Stddev	.044368	.0001764	.0003812	-----	.017954	.0003961
%RSD	1.247696	1.414430	322.1886	-----	1.719961	.3885763

#1	3.505050	.0125453	.0005493	^ -----	1.042951	.1017030
#2	3.586405	.0122731	-.000020	^ -----	1.026356	.1016844
#3	3.576411	.0126037	-.000175	^ -----	1.062229	.1023795

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.547402	F 831.5647	7.266256	5.477991	.6473594	.0065216
Stddev	.020985	17.3709	.102744	.094635	.0019692	.0015810
%RSD	1.356129	2.088943	1.413991	1.727540	.3041896	24.24181

#1	1.523651	812.1386	7.148049	5.369473	.6456574	.0047316
#2	1.555122	836.9512	7.334120	5.543363	.6469045	.0077268
#3	1.563433	845.6043	7.316599	5.521139	.6495162	.0071065

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.369429	.1462817	11.63214	1.913940	1.176572	-.302896
Stddev	.068025	.0034853	.14840	.086433	.002572	.040923
%RSD	1.067998	2.382630	1.275747	4.515969	.2185957	13.51060

#1	6.445372	.1425816	11.53087	1.814983	1.174218	-.346387
#2	6.348836	.1467606	11.56307	1.974659	1.176179	-.297155
#3	6.314080	.1495028	11.80249	1.952176	1.179317	-.265147

Sample Name: K5176-01DLX10 Acquired: 10/03/2019 20:14:07 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1519317	3.962798	.9910484	.1685467	.5435207	.0193989
Stddev	.0009166	.012859	.0261521	.0018072	.0047697	.0015631
%RSD	.6032694	.3245054	2.638836	1.072195	.8775509	8.057411

#1	.1508947	3.961417	.9644342	.1679306	.5395512	.0175941
#2	.1522668	3.976293	1.016713	.1671282	.5421991	.0202901
#3	.1526335	3.950685	.991998	.1705814	.5488118	.0203125

Elem	Sr4077
Units	ppm
Avg	.2191274
Stddev	.0018010
%RSD	.8219133

#1	.2170797
#2	.2198369
#3	.2204656

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1391.219	2555.059	32746.45	6084.144	2590.282
Stddev	22.874	11.796	608.09	39.959	7.048
%RSD	1.644140	.4616862	1.856953	.6567693	.2720794

#1	1412.424	2565.130	33034.61	6098.500	2596.757
#2	1394.253	2557.967	33156.88	6038.991	2591.312
#3	1366.980	2542.081	32047.85	6114.942	2582.776

Sample Name: K5176-01DL2X50 Acquired: 10/03/2019 20:17:57 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	.0046959	-.012133	.2975445	.0249706	.0086982	2.448677	.7189514
Stddev	.0029281	.002752	.0013625	.0013957	.0021407	.017217	.0034778
%RSD	62.35369	22.68032	.4579036	5.589435	24.61069	.7031261	.4837321

#1	.0080770	-.014391	.2981202	.0261552	.0110419	2.442507	.7203919
#2	.0030033	-.012940	.2959887	.0253245	.0068462	2.435395	.7149848
#3	.0030075	-.009068	.2985246	.0234320	.0082063	2.468129	.7214775

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026887	-.000181	2.284696	.2225697	.0209206	.3187377	176.7064
Stddev	.0001053	.000025	.054107	.0012003	.0002986	.0025411	1.1838
%RSD	3.917761	14.05944	2.368232	.5392895	1.427295	.7972380	.6699325

#1	.0027343	-.000152	2.295326	.2224491	.0209362	.3159680	176.2866
#2	.0025682	-.000191	2.226064	.2238257	.0212110	.3192835	175.7898
#3	.0027636	-.000199	2.332700	.2214343	.0206144	.3209615	178.0430

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.506251	1.125958	.1340847	.0016937	1.167891	.0264231	2.626773
Stddev	.007127	.013368	.0000929	.0002231	.216654	.0020299	.003672
%RSD	.4731456	1.187214	.0693181	13.17394	18.55084	7.682138	.1397934

#1	1.506917	1.140741	.1341668	.0016527	1.272124	.0264870	2.624400
#2	1.498814	1.122413	.1339838	.0014940	.918822	.0284203	2.631003
#3	1.513021	1.114720	.1341035	.0019345	1.312729	.0243621	2.624917

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4250029	.2376532	-.059962	.0312147	.8071903	.2078617	.0355936
Stddev	.1017421	.0020996	.004018	.0003545	.0017966	.0014221	.0013437
%RSD	23.93916	.8834553	6.701587	1.135590	.2225714	.6841377	3.775264

#1	.3415743	.2383420	-.055721	.0315780	.8064560	.2094929	.0360509
#2	.3950847	.2393219	-.060453	.0308697	.8092377	.2068829	.0366491
#3	.5383497	.2352958	-.063713	.0311963	.8058772	.2072092	.0340809

Sample Name: K5176-01DL2X50 Acquired: 10/03/2019 20:17:57 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1140222	.0034186	.0449164
Stddev	.0026473	.0005242	.0005635
%RSD	2.321724	15.33432	1.254581

#1	.1114030	.0038184	.0442884
#2	.1166967	.0028251	.0450826
#3	.1139670	.0036123	.0453781

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1364.778	2559.773	31613.46	5957.329	2637.274
Stddev	13.247	7.092	272.38	32.491	5.017
%RSD	.9706587	.2770400	.8615884	.5453936	.1902446

#1	1351.172	2562.285	31353.14	5938.436	2640.233
#2	1365.526	2565.267	31590.77	5994.846	2640.109
#3	1377.635	2551.768	31896.48	5938.704	2631.482

Sample Name: CCV07 Acquired: 10/03/2019 20:21:44 Type: Unk
Method: NON EPA-6010-200.7(v168) 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	4.982056	4.983261	5.006156	4.901260	5.039366	9.891573	9.791418
Stddev	.015285	.003625	.006182	.000158	.020269	.134193	.095475
%RSD	.3068037	.0727345	.1234821	.0032264	.4022085	1.356639	.9750883

#1	4.964626	4.980286	5.004525	4.901439	5.019059	9.737760	9.750521
#2	4.993171	4.982198	5.012990	4.901198	5.039442	9.952231	9.723205
#3	4.988373	4.987298	5.000953	4.901142	5.059596	9.984726	9.900530

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2504352	2.491885	24.65610	1.004778	2.506609	1.249569	4.885454
Stddev	.0013456	.005772	.32791	.000577	.003051	.019133	.047686
%RSD	.5373155	.2316149	1.329928	.0574163	.1217072	1.531206	.9760788

#1	.2510598	2.495276	24.27837	1.004616	2.506676	1.227834	4.835179
#2	.2488907	2.495158	24.86767	1.005418	2.509625	1.257008	4.930041
#3	.2513549	2.485221	24.82226	1.004299	2.503525	1.263866	4.891142

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.469272	24.61132	2.520168	1.240007	24.75868	2.465302	2.483698
Stddev	.030213	.33450	.003404	.000757	.49871	.034985	.003165
%RSD	1.223564	1.359137	.1350519	.0610740	2.014287	1.419103	.1274228

#1	2.434467	24.23319	2.517261	1.239684	24.18809	2.426230	2.486953
#2	2.488755	24.73218	2.523912	1.240872	25.11128	2.493725	2.480632
#3	2.484592	24.86860	2.519331	1.239464	24.97667	2.475952	2.483508

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.30999	5.159442	4.968533	5.029314	4.942824	4.894824	5.069609
Stddev	.15041	.018098	.033835	.025484	.012912	.038377	.004245
%RSD	.6187355	.3507798	.6809850	.5067166	.2612233	.7840278	.0837326

#1	24.16407	5.146270	4.989944	5.007288	4.936808	4.923092	5.069887
#2	24.30136	5.151977	4.929525	5.023427	4.934018	4.851135	5.065233
#3	24.46453	5.180079	4.986128	5.057226	4.957646	4.910244	5.073709

Sample Name: CCV07 Acquired: 10/03/2019 20:21:44 Type: Unk
 Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.943724	4.746107	4.893114
Stddev	.058300	.066712	.168600
%RSD	1.179268	1.405614	3.445667

#1	4.876941	4.669410	4.702367
#2	4.984457	4.790675	4.954759
#3	4.969773	4.778236	5.022217

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1366.530	2545.440	31672.21	6014.464	2536.030
Stddev	8.647	5.557	158.69	30.739	2.731
%RSD	.6327996	.2182931	.5010465	.5110860	.1077048

#1	1376.516	2550.600	31843.17	6030.789	2533.993
#2	1361.545	2546.163	31529.61	6033.596	2534.962
#3	1361.531	2539.558	31643.86	5979.006	2539.134

Sample Name: CCB07 Acquired: 10/03/2019 20:25:29 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004652	.0016936	-.000400	.0005443	.0008209	.0094770	.0016505
Stddev	.0020627	.0014062	.000396	.0012497	.0012049	.0097245	.0010665
%RSD	443.4042	83.02820	99.17757	229.5727	146.7765	102.6109	64.61709

#1	.0011598	.0010421	.000001	-.000722	-.000510	.0002561	.0027925
#2	.0020910	.0007314	-.000792	.001776	.001837	.0085381	.0014784
#3	-.001855	.0033074	-.000408	.000579	.001136	.0196369	.0006805

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000165	.0000055	-.007630	-.000018	-.000030	-.000048	.0013576
Stddev	.0001120	.0000356	.002833	.000244	.000234	.000599	.0044740
%RSD	677.9313	651.3671	37.13371	1333.808	782.2754	1243.675	329.5610

#1	.0001458	.0000461	-.006775	.000076	.000240	.000330	.0038025
#2	-.000052	-.000010	-.005323	.000164	-.000164	-.000739	.0040763
#3	-.000044	-.000020	-.010793	-.000295	-.000166	.000264	-.003806

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000530	.0295795	.0001906	-.000454	-.101794	-.002484	-.000017
Stddev	.0003011	.0208093	.0001471	.000219	.218948	.002723	.000205
%RSD	567.6551	70.35048	77.18772	48.27266	215.0892	109.6070	1200.716

#1	.0003845	.0514259	.0003382	-.000364	.144942	-.000738	.000208
#2	-.000022	.0273209	.0001896	-.000704	-.272903	-.005621	-.000067
#3	-.000204	.0099916	.0000440	-.000294	-.177421	-.001093	-.000193

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.042942	.0008469	.0041612	.0004323	.0004764	.0000965	.0011967
Stddev	.102049	.0011362	.0010373	.0002136	.0011134	.0010400	.0005687
%RSD	237.6429	134.1464	24.92734	49.41166	233.7265	1077.415	47.52284

#1	-.159843	.0011587	.0050380	.0005539	-.000040	.0010994	.0016008
#2	.002669	-.000413	.0044294	.0001857	-.000285	.0001672	.0005464
#3	.028346	.001795	.0030162	.0005573	.001754	-.000977	.0014431

Sample Name: CCB07 Acquired: 10/03/2019 20:25:29 Type: Unk
Method: NON EPA-6010-200.7(v168) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004230	-.000751	.0005774
Stddev	.0005497	.001108	.0002598
%RSD	129.9479	147.5574	44.99178

#1	.0009314	-.001557	.0008680
#2	-.000160	-.001208	.0004963
#3	.000498	.000513	.0003678

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1366.446	2561.484	31405.54	5920.306	2659.879
Stddev	17.853	5.321	428.82	28.017	4.696
%RSD	1.306530	.2077361	1.365432	.4732313	.1765660

#1	1348.943	2556.206	30919.14	5892.189	2654.464
#2	1384.630	2566.847	31729.04	5948.222	2662.839
#3	1365.763	2561.400	31568.44	5920.507	2662.334