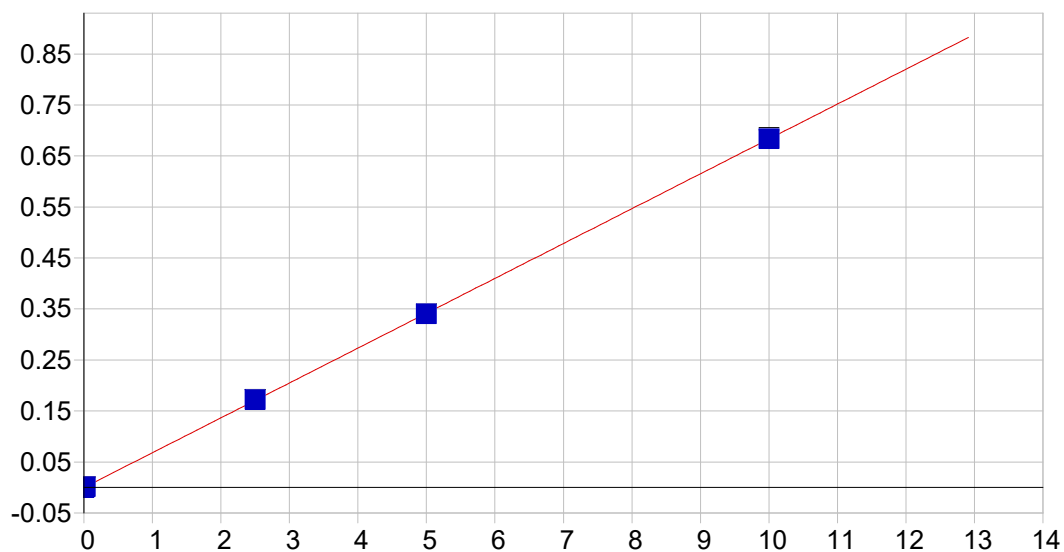


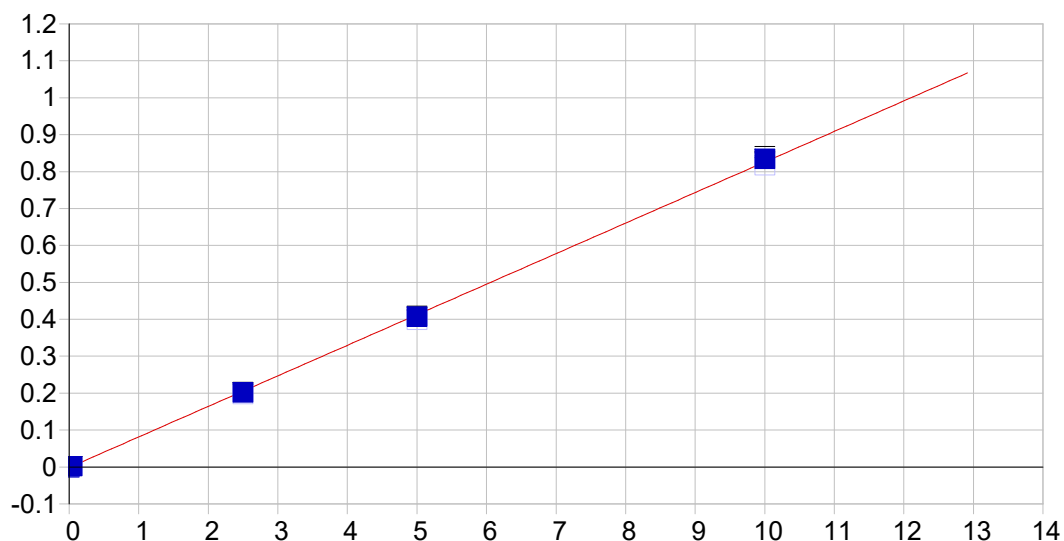


As 189.042 {479}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000173	Re-Slope:	1.000000
A1 (Gain):	0.068354	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999993	Status:	OK.
Std Error of Est:	0.000006		
Predicted MDL:	0.003165		
Predicted MQL:	0.010548		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.02000	.02025	.000	1.26	.00123	.000	1
S3	2.5000	2.5215	.022	.860	.17240	.000	1
S4	5.0000	4.9811	-.019	-.378	.34075	.000	1
S5	10.000	9.9971	-.003	-.029	.68405	.002	1

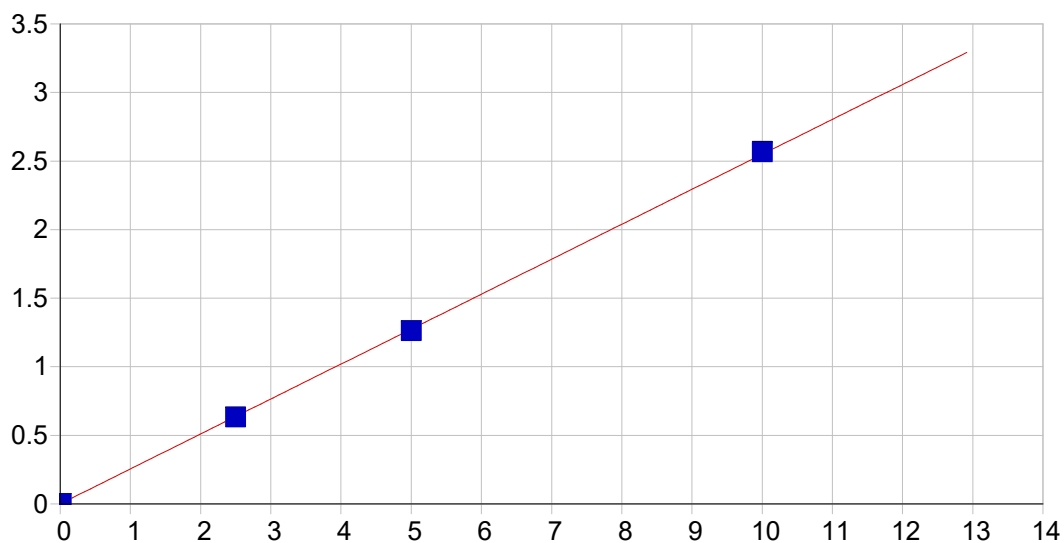


TI 190.856 {477}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001315 Re-Slope: 1.000000
A1 (Gain): 0.082729 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999917 Status: OK.
Std Error of Est: 0.000036
Predicted MDL: 0.003090
Predicted MQL: 0.010300

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00131	.000	1
S1	.04000	.04220	.002	5.51	.00204	.000	1
S3	2.5000	2.4544	-.046	-1.82	.19741	.000	1
S4	5.0000	4.9392	-.061	-1.22	.39866	.002	1
S5	10.000	10.104	.104	1.04	.81732	.007	1

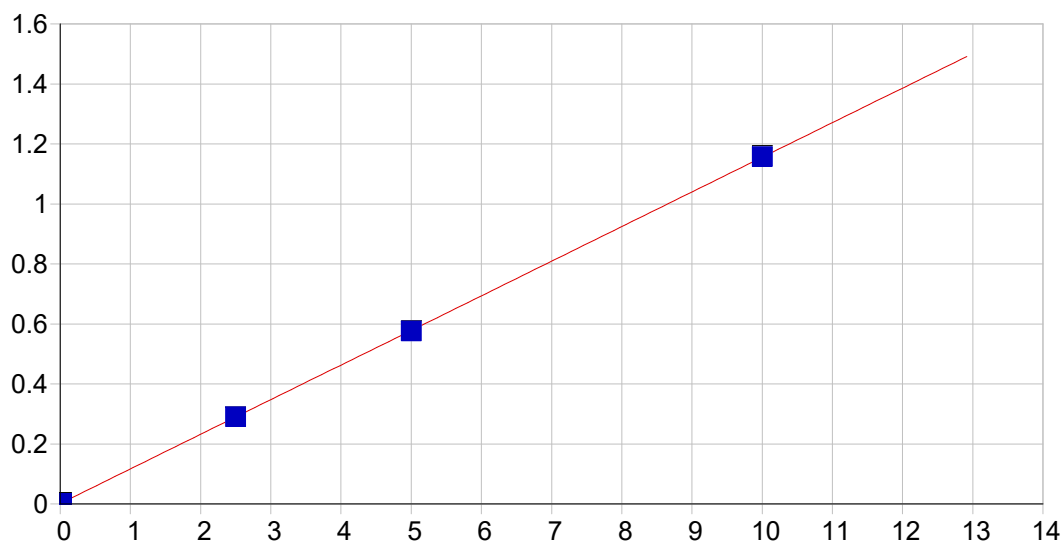


Pb 220.353 {453}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000256 Re-Slope: 1.000000
 A1 (Gain): 0.254851 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000045
 Predicted MDL: 0.002272
 Predicted MQL: 0.007573

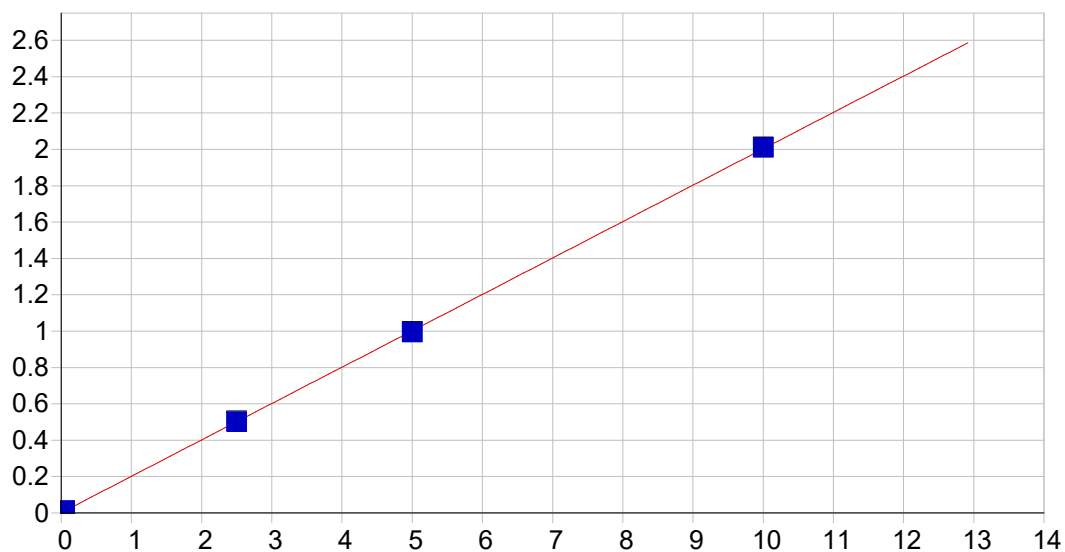
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00026	.000	1
S1	.01200	.01414	.002	17.8	.00379	.001	1
S3	2.5000	2.4792	-.021	-.832	.63119	.000	1
S4	5.0000	4.9491	-.051	-1.02	1.2598	.002	1
S5	10.000	10.070	.070	.696	2.5629	.005	1

**Se 196.090 {472}**

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001236 Re-Slope: 1.000000
 A1 (Gain): 0.115400 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.002481
 Predicted MQL: 0.008272

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00124	.000	1
S1	.02000	.02022	.000	1.10	.00357	.000	1
S3	2.5000	2.5031	.003	.126	.29002	.001	1
S4	5.0000	4.9803	-.020	-.393	.57582	.002	1
S5	10.000	10.016	.016	.163	1.1568	.003	1

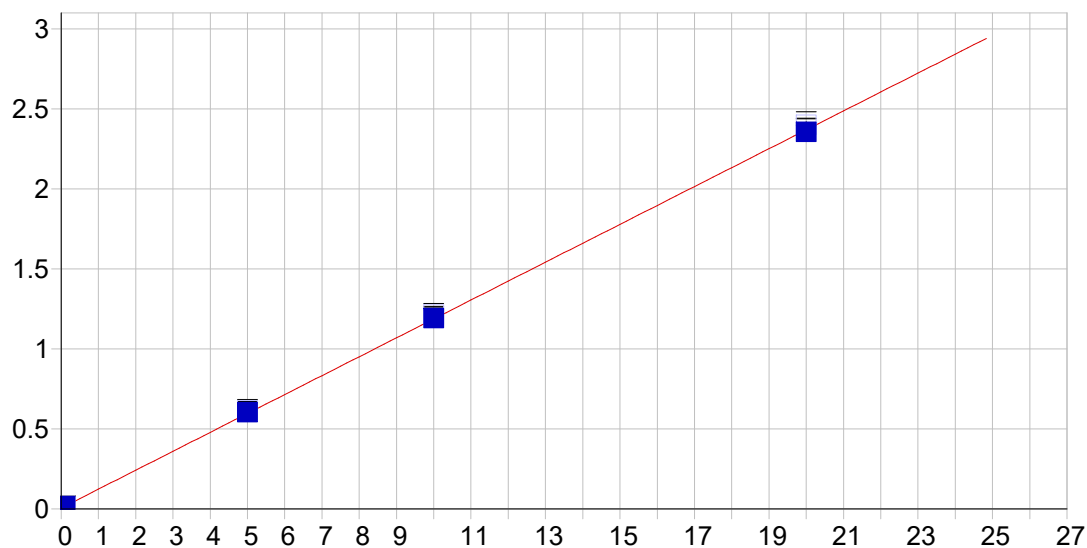


Sb 206.833 {463}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000963 Re-Slope: 1.000000
 A1 (Gain): 0.200207 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.001862
 Predicted MQL: 0.006208

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00096	.000	1
S1	.05000	.05334	.003	6.67	.01161	.000	1
S3	2.5000	2.5004	.000	.014	.50150	.003	1
S4	5.0000	4.9596	-.040	-.808	.99381	.002	1
S5	10.000	10.037	.037	.367	2.0102	.002	1

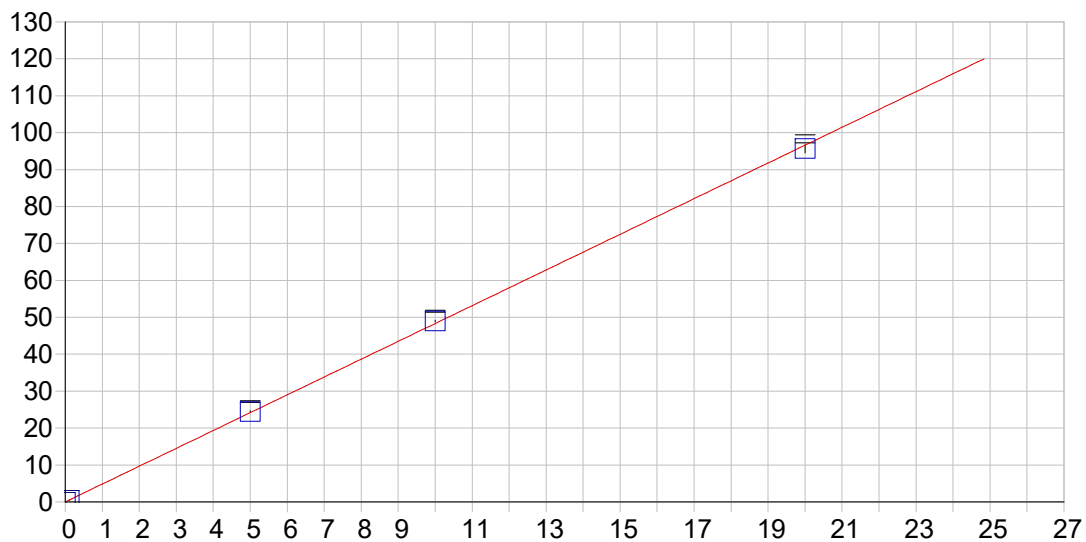


AI 396.152 { 85}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005432 Re-Slope: 1.000000
 A1 (Gain): 0.118194 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000084
 Predicted MDL: 0.011143
 Predicted MQL: 0.037142

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00543	.002	1
S1	.10000	.11122	.011	11.2	.01946	.002	1
S3	5.0000	5.0710	.071	1.42	.61578	.006	1
S4	10.000	10.032	.032	.325	1.2132	.009	1
S5	20.000	19.885	-.115	-.577	2.3996	.020	1

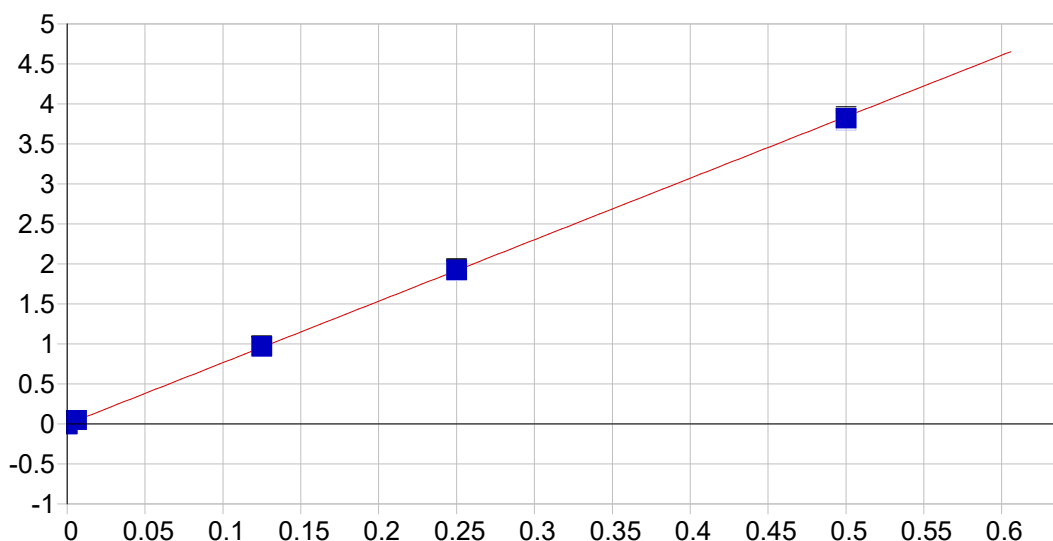


Ba 493.409 { 68}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010317 Re-Slope: 1.000000
 A1 (Gain): 4.830598 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.004311
 Predicted MDL: 0.000554
 Predicted MQL: 0.001848

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01029	.005	1
S1	.10000	.10421	.004	4.21	.51371	.006	1
S3	5.0000	5.0649	.065	1.30	24.477	.203	1
S4	10.000	10.132	.132	1.32	48.954	.254	1
S5	20.000	19.799	-.201	-1.01	95.651	1.07	1

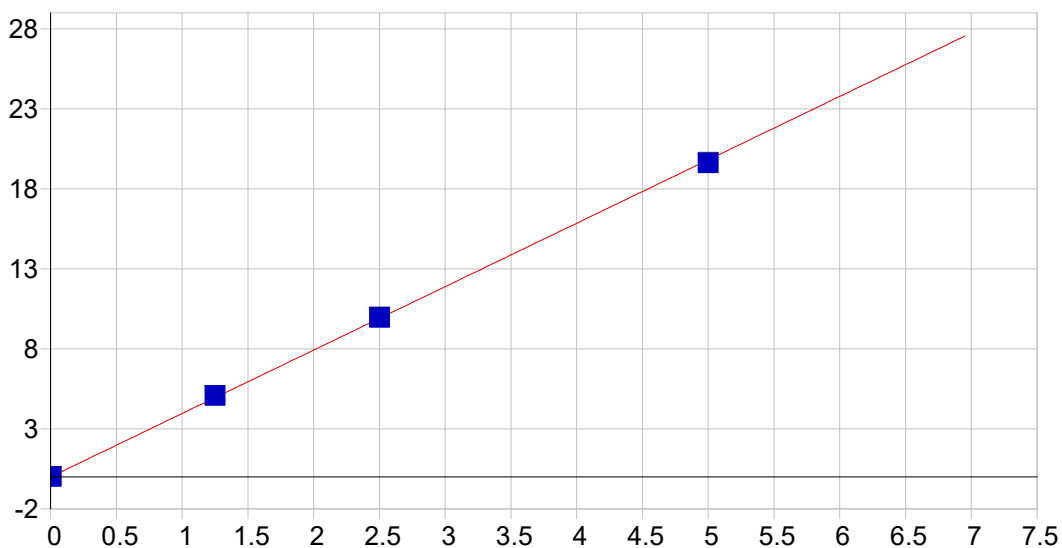


Be 234.861 {144}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003199 Re-Slope: 1.000000
 A1 (Gain): 7.685164 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000224
 Predicted MDL: 0.000071
 Predicted MQL: 0.000236

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00320	.001	1
S1	.00600	.00655	.001	9.23	.04665	.001	1
S3	.12500	.12644	.001	1.15	.96205	.008	1
S4	.25000	.25076	.001	.303	1.9110	.017	1
S5	.50000	.49725	-.003	-.550	3.7924	.021	1

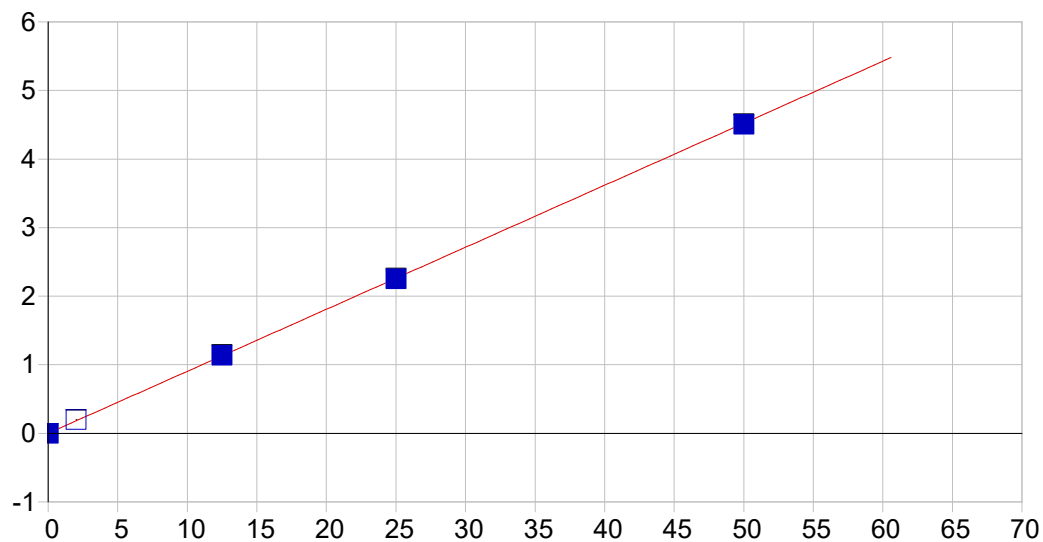


Cd 214.438 {457}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000862 Re-Slope: 1.000000
A1 (Gain): 3.963847 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999914 Status: OK.
Std Error of Est: 0.000487
Predicted MDL: 0.000106
Predicted MQL: 0.000353

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00087	.000	1
S1	.00600	.00688	.001	14.7	.02642	.001	1
S3	1.2500	1.2823	.032	2.58	5.0822	.007	1
S4	2.5000	2.5149	.015	.596	9.9684	.007	1
S5	5.0000	4.9519	-.048	-.961	19.629	.041	1

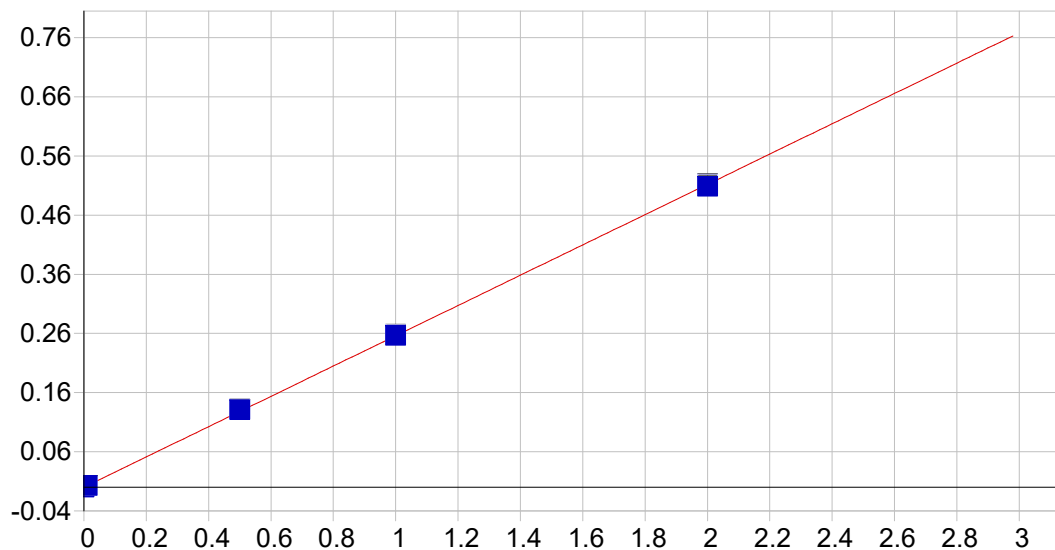


Ca 373.690 { 90}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000354 Re-Slope: 1.000000
A1 (Gain): 0.090435 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999884 Status: OK.
Std Error of Est: 0.000752
Predicted MDL: 0.012490
Predicted MQL: 0.041633

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00019	-.000	.000	.00034	.001	1
S2	2.0000	2.1941	.194	9.71	.19878	.001	1
S3	12.500	12.598	.098	.782	1.1392	.007	1
S4	25.000	24.889	-.111	-.443	2.2503	.011	1
S5	50.000	49.819	-.181	-.362	4.5039	.007	1

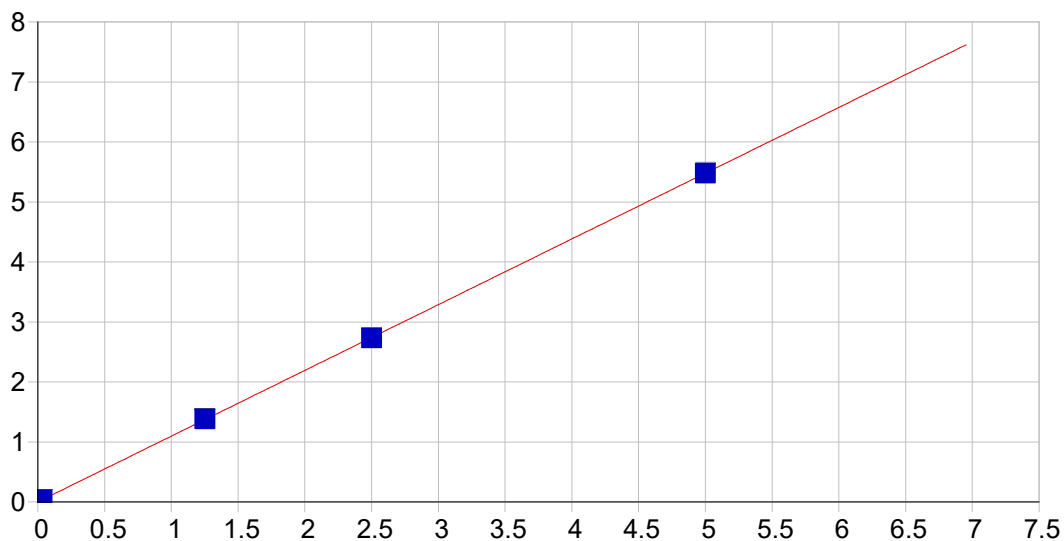


Cr 267.716 {126}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000027 Re-Slope: 1.000000
 A1 (Gain): 0.256032 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.000550
 Predicted MQL: 0.001835

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.01000	.01074	.001	7.40	.00281	.000	1
S3	.50000	.51158	.012	2.32	.13191	.000	1
S4	1.0000	1.0016	.002	.159	.25827	.001	1
S5	2.0000	1.9861	-.014	-.696	.51213	.001	1

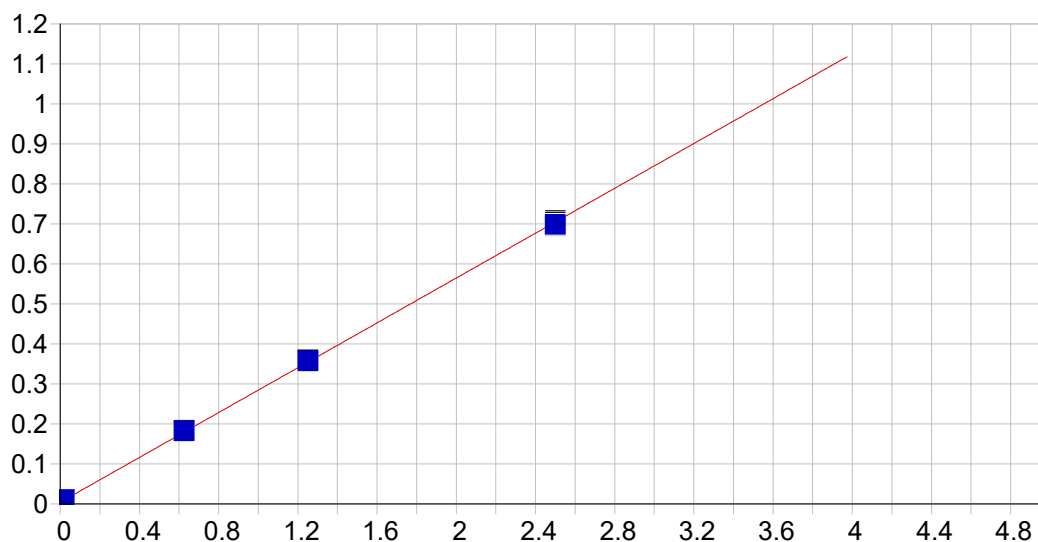


Co 228.616 {448}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000751 Re-Slope: 1.000000
 A1 (Gain): 1.095561 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000133
 Predicted MDL: 0.000363
 Predicted MQL: 0.001212

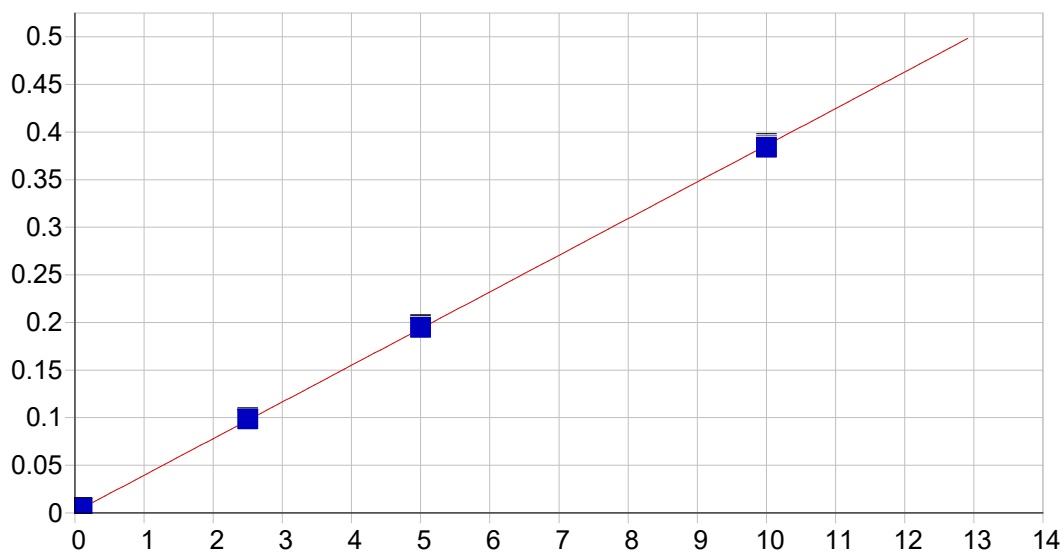
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00075	.000	1
S1	.03000	.03241	.002	8.03	.03615	.000	1
S3	1.2500	1.2594	.009	.750	1.3833	.002	1
S4	2.5000	2.4911	-.009	-.356	2.7356	.001	1
S5	5.0000	4.9971	-.003	-.057	5.4869	.008	1

**Cu 324.754 {104}**

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004243 Re-Slope: 1.000000
 A1 (Gain): 0.280261 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.002649
 Predicted MQL: 0.008832

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00424	.000	1
S1	.02000	.02132	.001	6.60	.01021	.000	1
S3	.62500	.63525	.010	1.64	.18136	.001	1
S4	1.2500	1.2620	.012	.958	.35609	.002	1
S5	2.5000	2.4764	-.024	-.942	.69462	.009	1

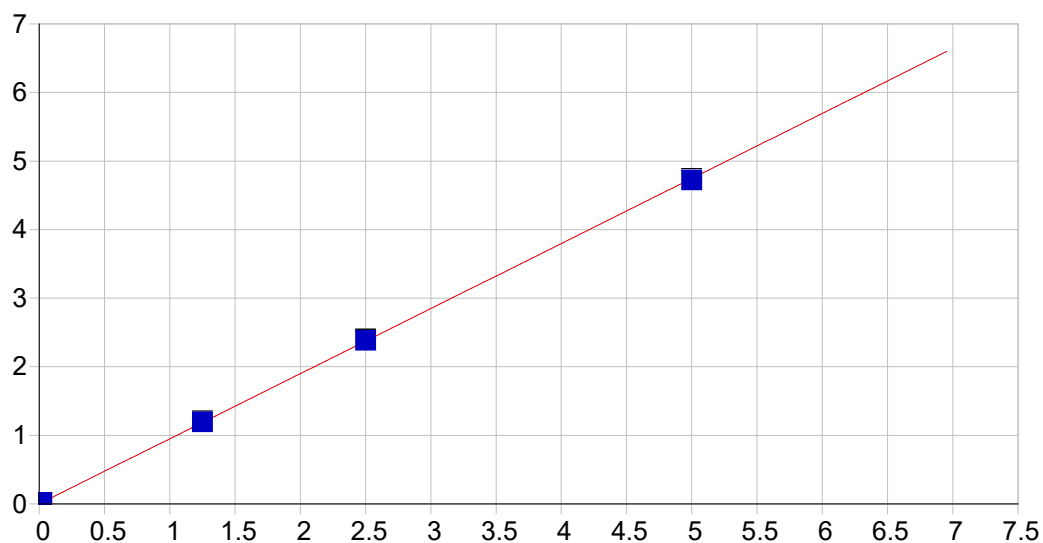


Fe 259.837 {130}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001016 Re-Slope: 1.000000
 A1 (Gain): 0.038509 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.009091
 Predicted MQL: 0.030303

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00102	.000	1
S1	.10000	.10819	.008	8.19	.00520	.000	1
S3	2.5000	2.5276	.028	1.10	.09882	.001	1
S4	5.0000	5.0266	.027	.531	.19553	.002	1
S5	10.000	9.9377	-.062	-.623	.38559	.002	1

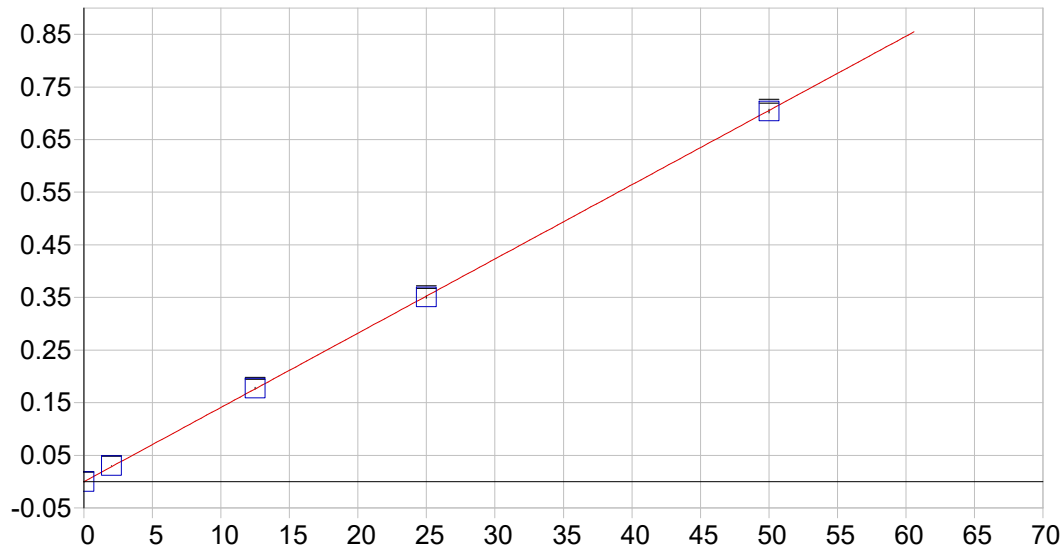


Mn 257.610 {131}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000979 Re-Slope: 1.000000
 A1 (Gain): 0.948989 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000122
 Predicted MDL: 0.000419
 Predicted MQL: 0.001397

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00098	.000	1
S1	.02000	.02224	.002	11.2	.02210	.000	1
S3	1.2500	1.2590	.009	.718	1.1959	.012	1
S4	2.5000	2.5129	.013	.515	2.3861	.018	1
S5	5.0000	4.9759	-.024	-.482	4.7239	.022	1

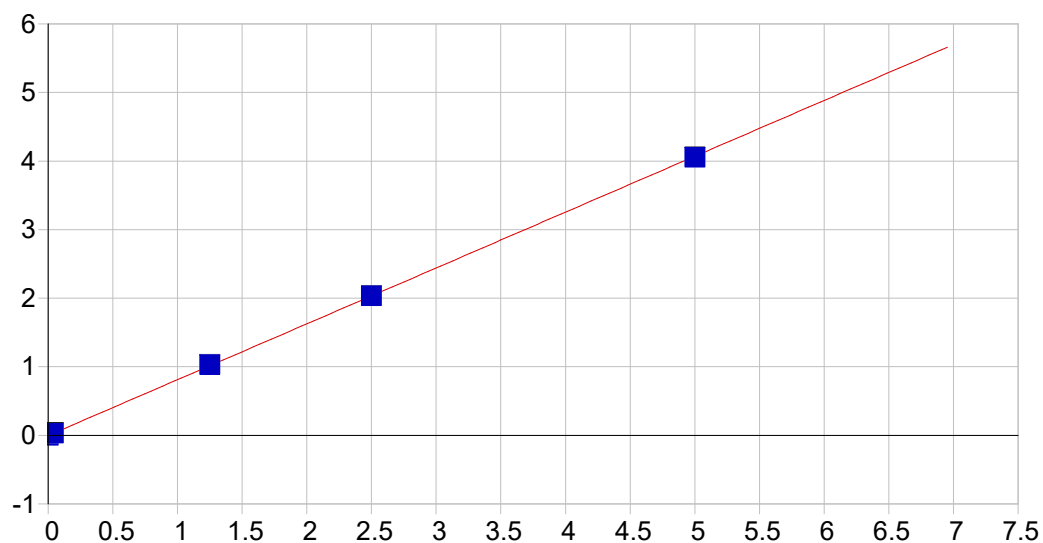


Mg 279.079 {121}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000138 Re-Slope: 1.000000
 A1 (Gain): 0.014110 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938 Status: OK.
 Std Error of Est: 0.000086
 Predicted MDL: 0.029920
 Predicted MQL: 0.099733

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	-.000	.000	-.00014	.001	1
S2	2.0000	2.1394	.139	6.97	.03005	.000	1
S3	12.500	12.581	.081	.649	.17738	.002	1
S4	25.000	24.863	-.137	-.549	.35066	.002	1
S5	50.000	49.917	-.083	-.166	.70417	.004	1

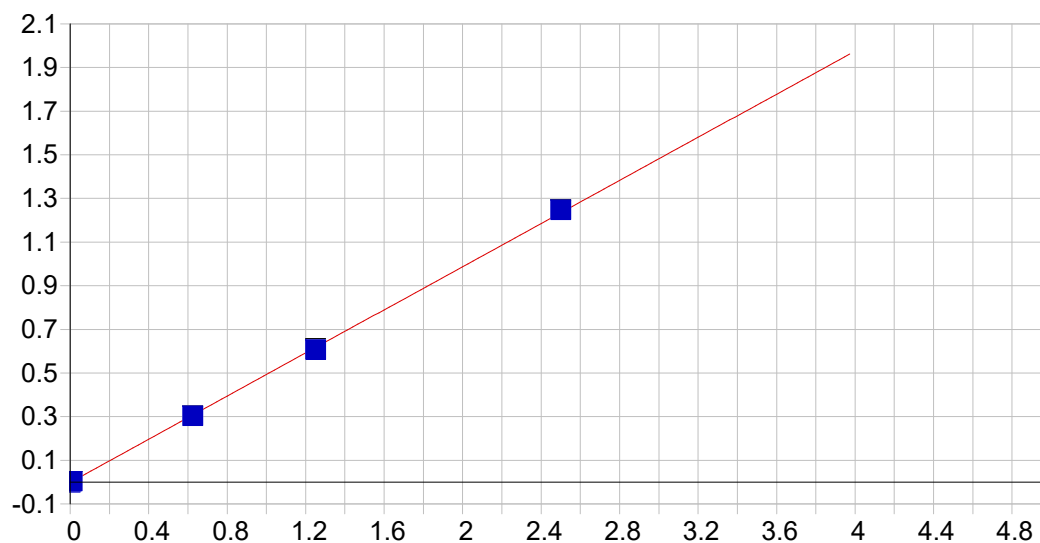


Ni 231.604 {446}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002910 Re-Slope: 1.000000
 A1 (Gain): 0.814463 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000202
 Predicted MDL: 0.000561
 Predicted MQL: 0.001870

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00291	.000	1
S1	.04000	.04463	.005	11.6	.03347	.000	1
S3	1.2500	1.2690	.019	1.52	1.0316	.004	1
S4	2.5000	2.4980	-.002	-.081	2.0335	.001	1
S5	5.0000	4.9784	-.022	-.432	4.0557	.003	1

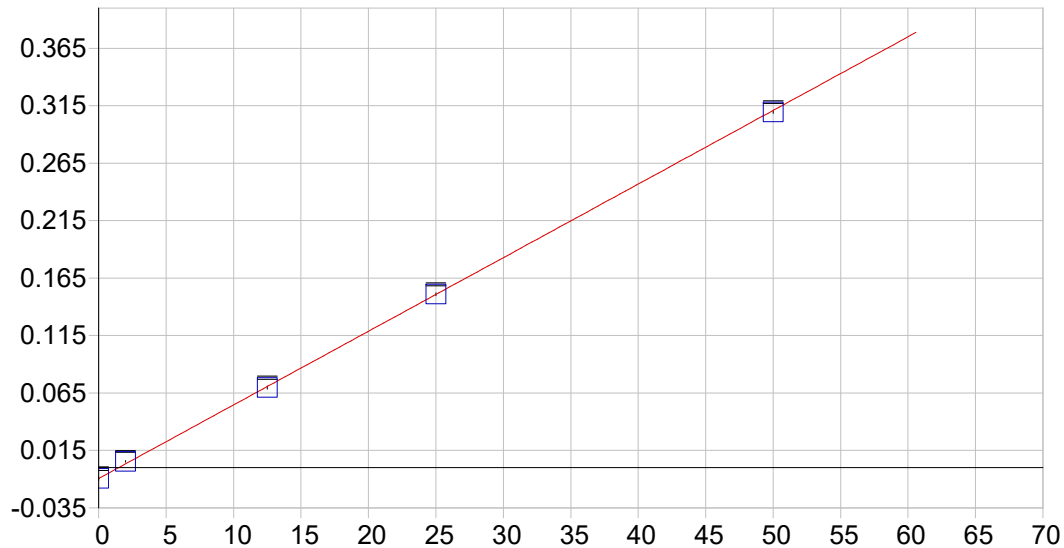


Ag 328.068 {103}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001195 Re-Slope: 1.000000
A1 (Gain): 0.494191 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999919 Status: OK.
Std Error of Est: 0.000054
Predicted MDL: 0.000480
Predicted MQL: 0.001601

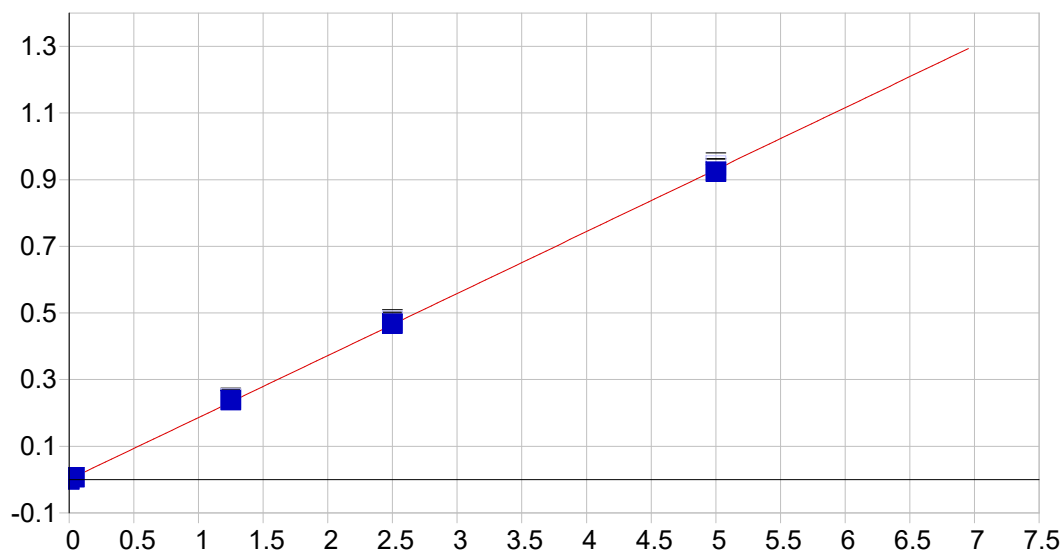
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00120	.000	1
S1	.01000	.00990	-.000	-.963	.00369	.000	1
S3	.62500	.61639	-.009	-1.38	.30315	.001	1
S4	1.2500	1.2311	-.019	-1.51	.60667	.004	1
S5	2.5000	2.5276	.028	1.10	1.2468	.001	1

**Na 818.326 {41}**

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.009441 Re-Slope: 1.000000
A1 (Gain): 0.006407 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999676 Status: OK.
Std Error of Est: 0.000089
Predicted MDL: 0.319757
Predicted MQL: 1.065858

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00030	-.000	.000	-.00944	.002	1
S2	2.0000	2.3327	.333	16.6	.00551	.001	1
S3	12.500	12.356	-.144	-1.15	.06973	.001	1
S4	25.000	25.030	.030	.121	.15093	.001	1
S5	50.000	49.781	-.219	-.438	.30952	.001	1

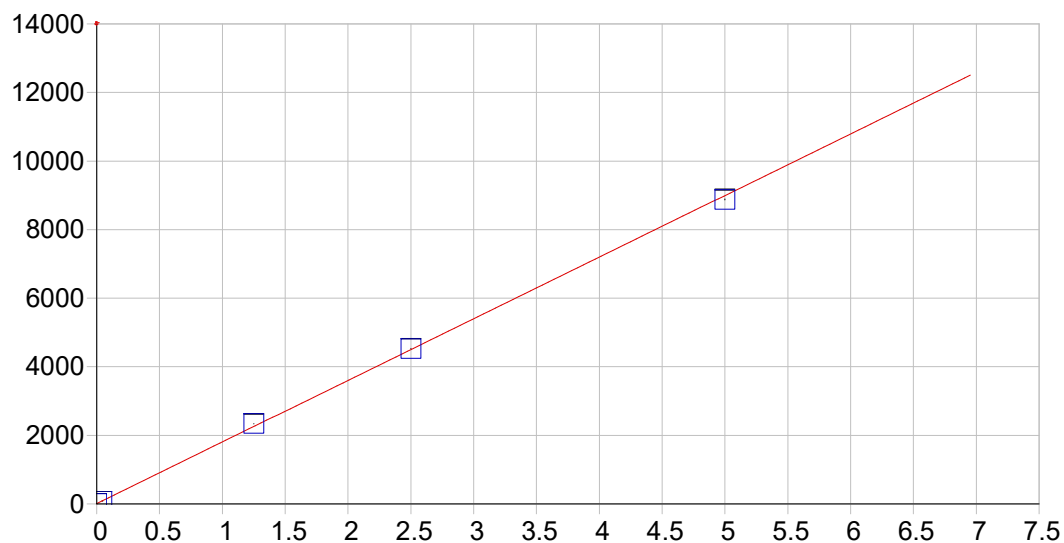


V 292.402 {115}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000282 Re-Slope: 1.000000
 A1 (Gain): 0.185966 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928 Status: OK.
 Std Error of Est: 0.000055
 Predicted MDL: 0.003020
 Predicted MQL: 0.010068

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.04000	.03618	-.004	-9.55	.00738	.000	1
S3	1.2500	1.2782	.028	2.26	.24262	.002	1
S4	2.5000	2.5119	.012	.474	.47666	.003	1
S5	5.0000	4.9639	-.036	-.723	.94192	.009	1

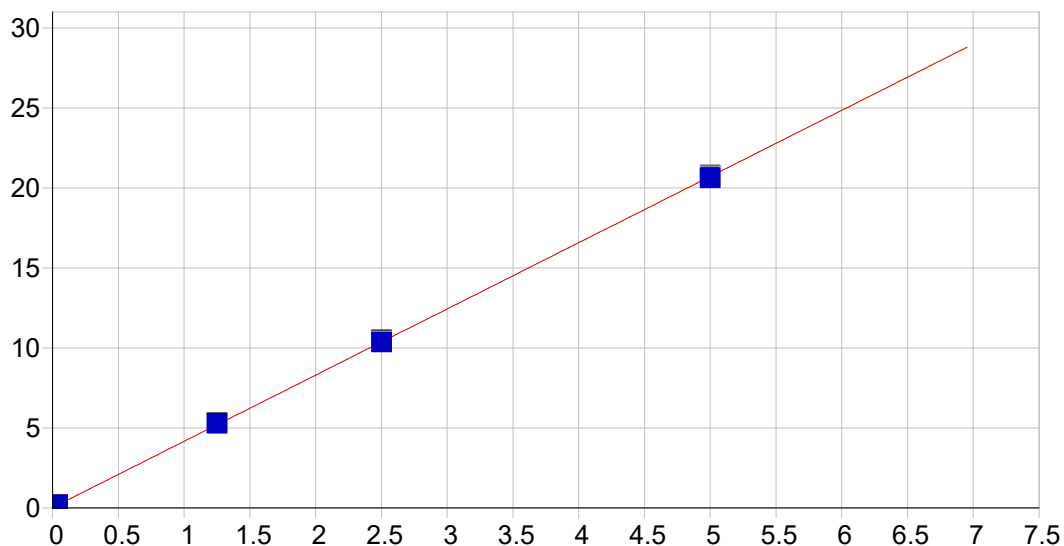


Zn 206.200 {464}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 8.402681 Re-Slope: 1.000000
 A1 (Gain): 1797.355286 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833 Status: OK.
 Std Error of Est: 0.795942
 Predicted MDL: 0.000357
 Predicted MQL: 0.001190

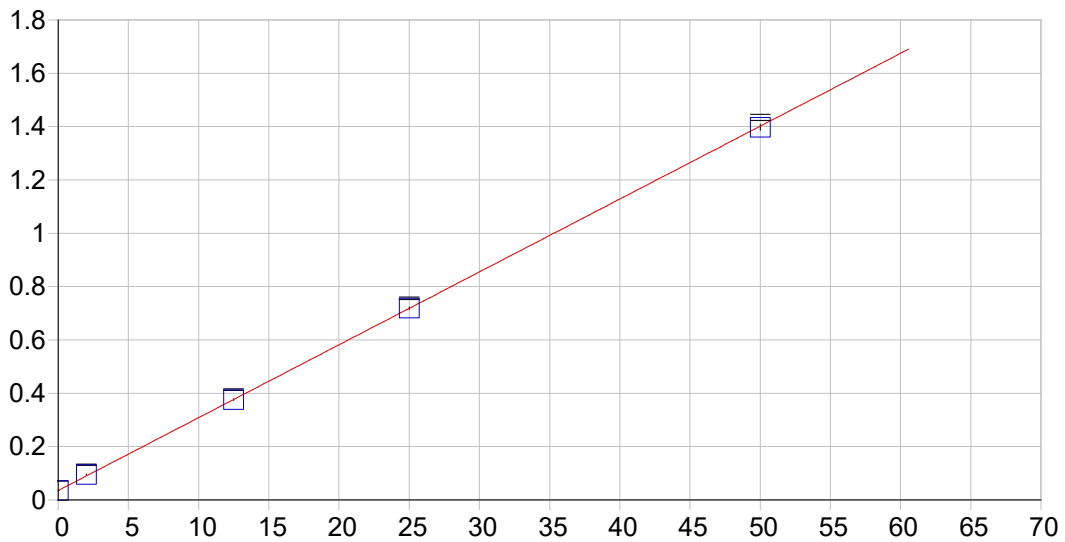
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	8.3954	.225	1
S1	.04000	.04279	.003	6.99	85.319	.897	1
S3	1.2500	1.2970	.047	3.76	2339.5	5.21	1
S4	2.5000	2.5164	.016	.656	4531.3	8.59	1
S5	5.0000	4.9338	-.066	-1.32	8876.2	13.9	1

**Zn 213.856 {158}**

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.021827 Re-Slope: 1.000000
 A1 (Gain): 4.138538 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000773
 Predicted MDL: 0.000312
 Predicted MQL: 0.001040

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.02181	.002	1
S1	.04000	.04265	.003	6.62	.19926	.002	1
S3	1.2500	1.2682	.018	1.45	5.2994	.022	1
S4	2.5000	2.4997	-.000	-.013	10.425	.065	1
S5	5.0000	4.9795	-.020	-.410	20.746	.044	1

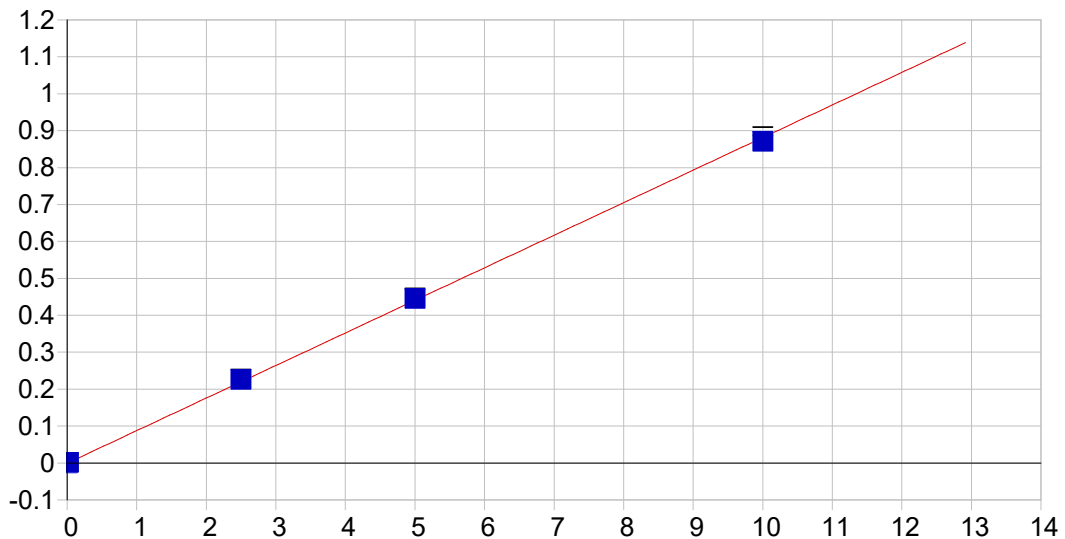


K 769.896 { 44}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.035182 Re-Slope: 1.000000
 A1 (Gain): 0.027324 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918 Status: OK.
 Std Error of Est: 0.000191
 Predicted MDL: 0.079119
 Predicted MQL: 0.263729

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00016	-.000	.000	.03518	.002	1
S2	2.0000	2.1682	.168	8.41	.09443	.002	1
S3	12.500	12.467	-.033	-.263	.37584	.003	1
S4	25.000	25.012	.012	.047	.71861	.005	1
S5	50.000	49.853	-.147	-.294	1.3974	.012	1

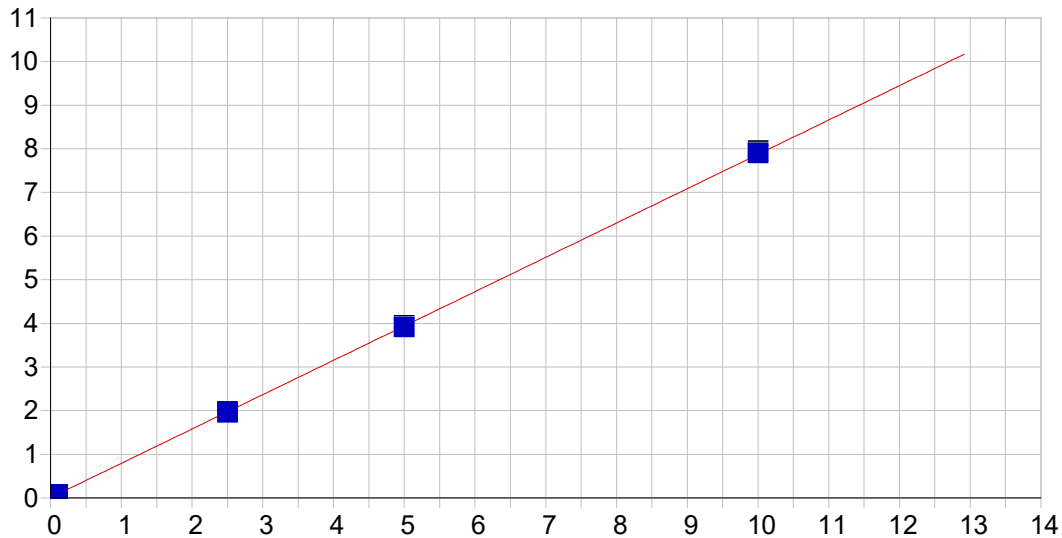


P 177.495 {490}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000591 Re-Slope: 1.000000
 A1 (Gain): 0.088196 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.002187
 Predicted MQL: 0.007289

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00059	.000	1
S1	.02000	.01976	-.000	-1.19	.00117	.000	1
S3	2.5000	2.5712	.071	2.85	.22669	.000	1
S4	5.0000	5.0503	.050	1.01	.44584	.001	1
S5	10.000	9.8787	-.121	-1.21	.87271	.011	1

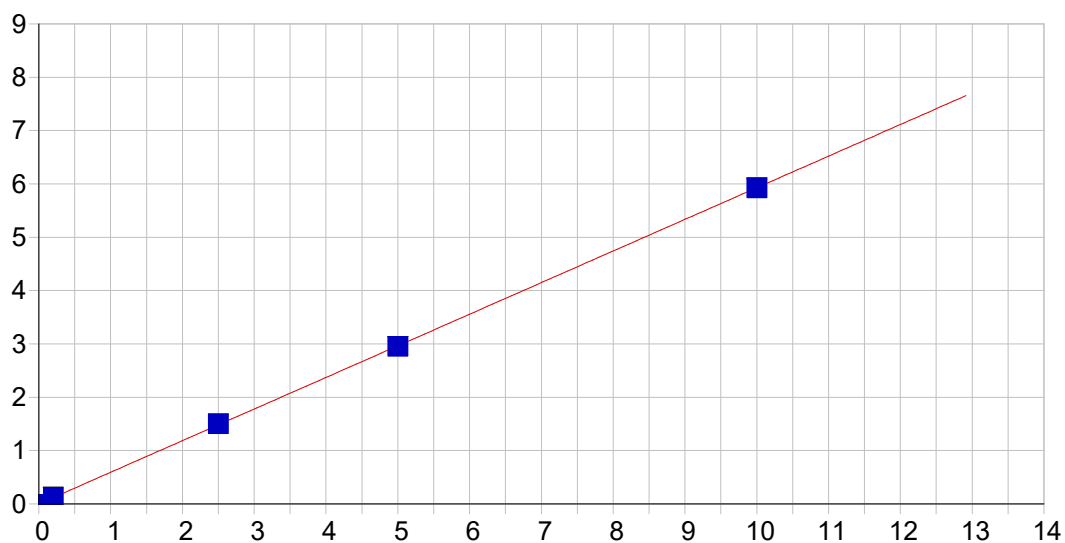


B 249.678 {135}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005841 Re-Slope: 1.000000
 A1 (Gain): 0.786750 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000207
 Predicted MDL: 0.000881
 Predicted MQL: 0.002936

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00584	.001	1
S1	.10000	.09892	-.001	-1.08	.08336	.001	1
S3	2.5000	2.4855	-.014	-.579	1.9568	.014	1
S4	5.0000	4.9733	-.027	-.535	3.9096	.033	1
S5	10.000	10.042	.042	.423	7.8887	.047	1

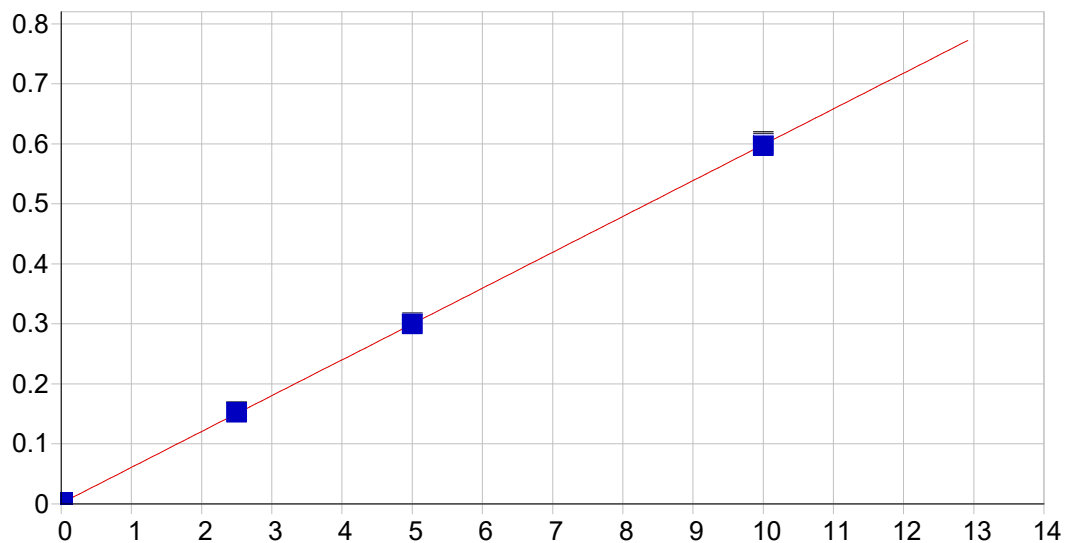


Mo 202.030 {467}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000480 Re-Slope: 1.000000
 A1 (Gain): 0.592761 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000241
 Predicted MDL: 0.000490
 Predicted MQL: 0.001632

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00048	.000	1
S1	.20000	.20584	.006	2.92	.12250	.001	1
S3	2.5000	2.5248	.025	.991	1.4974	.002	1
S4	5.0000	4.9824	-.018	-.352	2.9545	.000	1
S5	10.000	9.9870	-.013	-.130	5.9217	.010	1

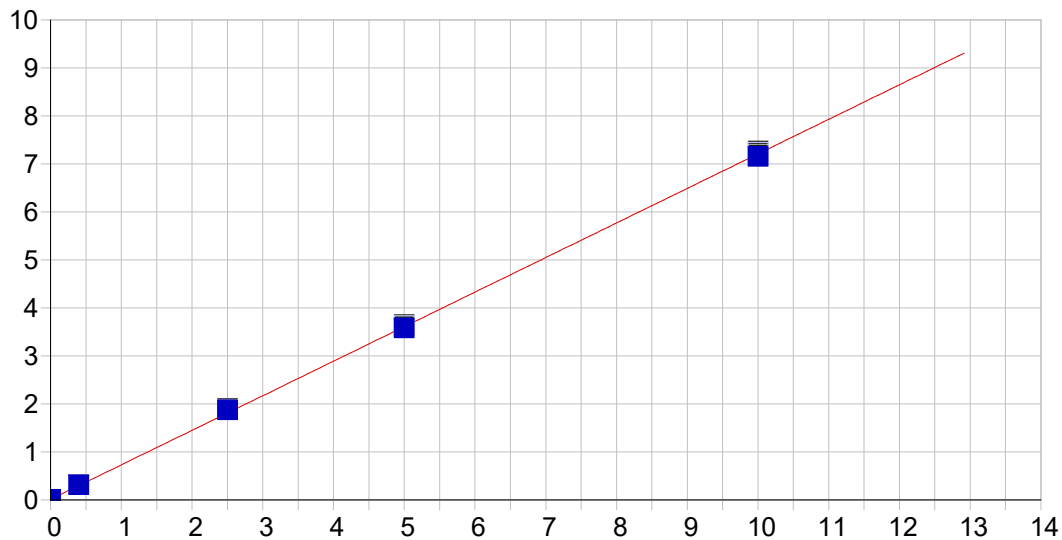


S 182.034 {485}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001136 Re-Slope: 1.000000
 A1 (Gain): 0.059715 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.003858
 Predicted MQL: 0.012861

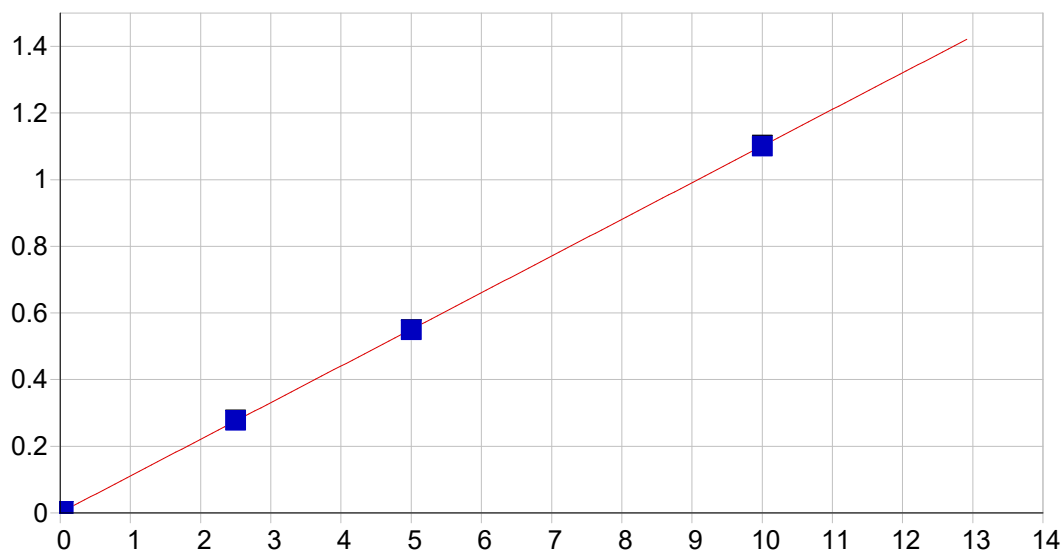
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00114	.000	1
S1	.02000	.01954	-.000	-2.29	.00227	.000	1
S3	2.5000	2.5331	.033	1.33	.15311	.000	1
S4	5.0000	4.9993	-.001	-.014	.30108	.000	1
S5	10.000	9.9680	-.032	-.320	.59920	.004	1

**Si 251.611 {134}**

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010135 Re-Slope: 1.000000
 A1 (Gain): 0.719892 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846 Status: OK.
 Std Error of Est: 0.001394
 Predicted MDL: 0.000977
 Predicted MQL: 0.003258

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01011	.000	1
S1	.40000	.42542	.025	6.36	.31777	.002	1
S3	2.5000	2.5887	.089	3.55	1.8949	.014	1
S4	5.0000	4.9624	-.038	-.753	3.6249	.022	1
S5	10.000	9.9237	-.076	-.763	7.2389	.025	1

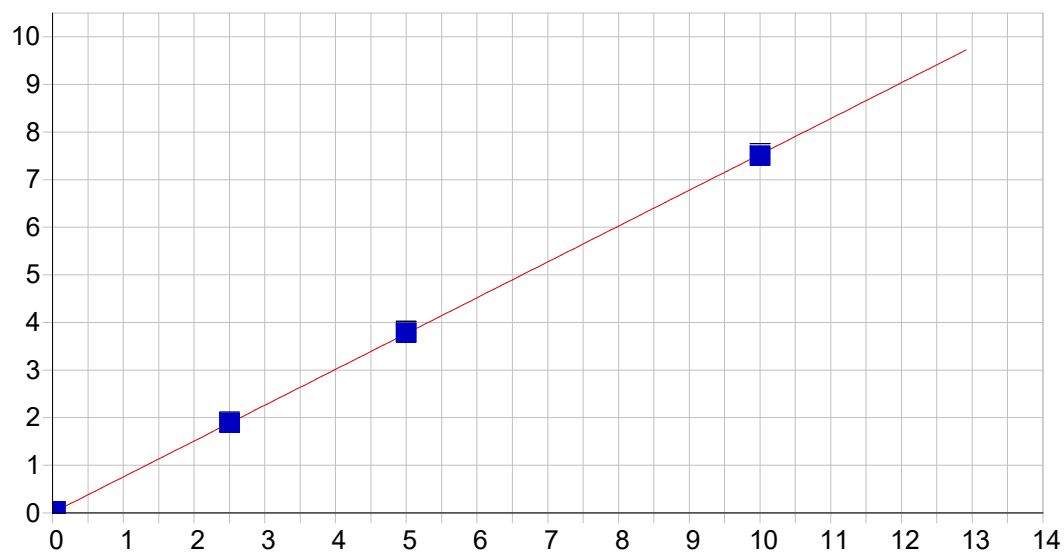


Sn 189.989 {478}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000867 Re-Slope: 1.000000
 A1 (Gain): 0.109990 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.001716
 Predicted MQL: 0.005721

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00087	.000	1
S1	.04000	.03743	-.003	-6.43	.00499	.000	1
S3	2.5000	2.5190	.019	.760	.27772	.001	1
S4	5.0000	4.9856	-.014	-.288	.54880	.001	1
S5	10.000	9.9980	-.002	-.020	1.0997	.003	1

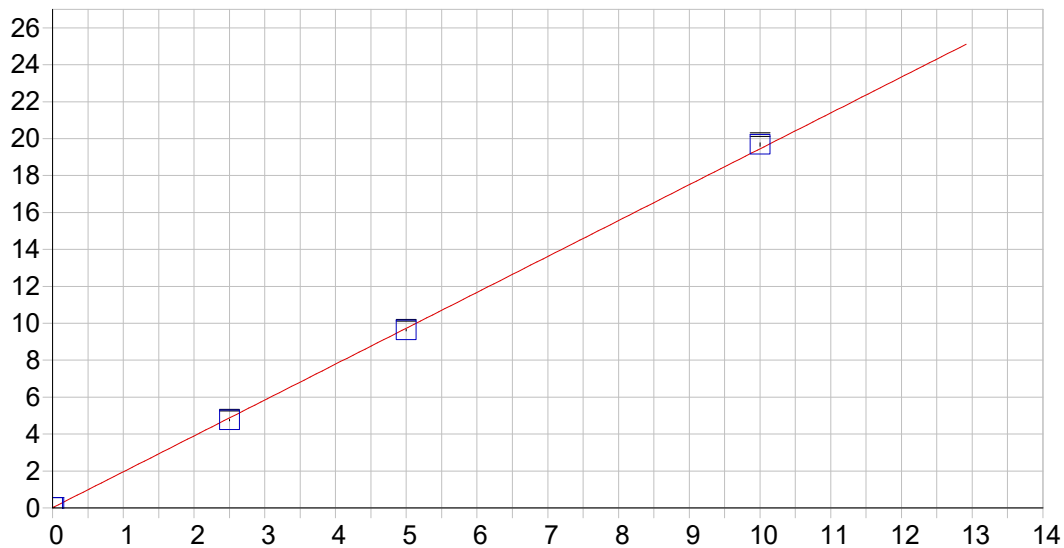


TI 336.121 {100}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003634 Re-Slope: 1.000000
 A1 (Gain): 0.752737 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000114
 Predicted MDL: 0.001110
 Predicted MQL: 0.003701

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00363	.000	1
S1	.04000	.03958	-.000	-1.05	.03341	.000	1
S3	2.5000	2.5145	.015	.580	1.8958	.014	1
S4	5.0000	5.0236	.024	.473	3.7838	.032	1
S5	10.000	9.9623	-.038	-.377	7.5000	.049	1

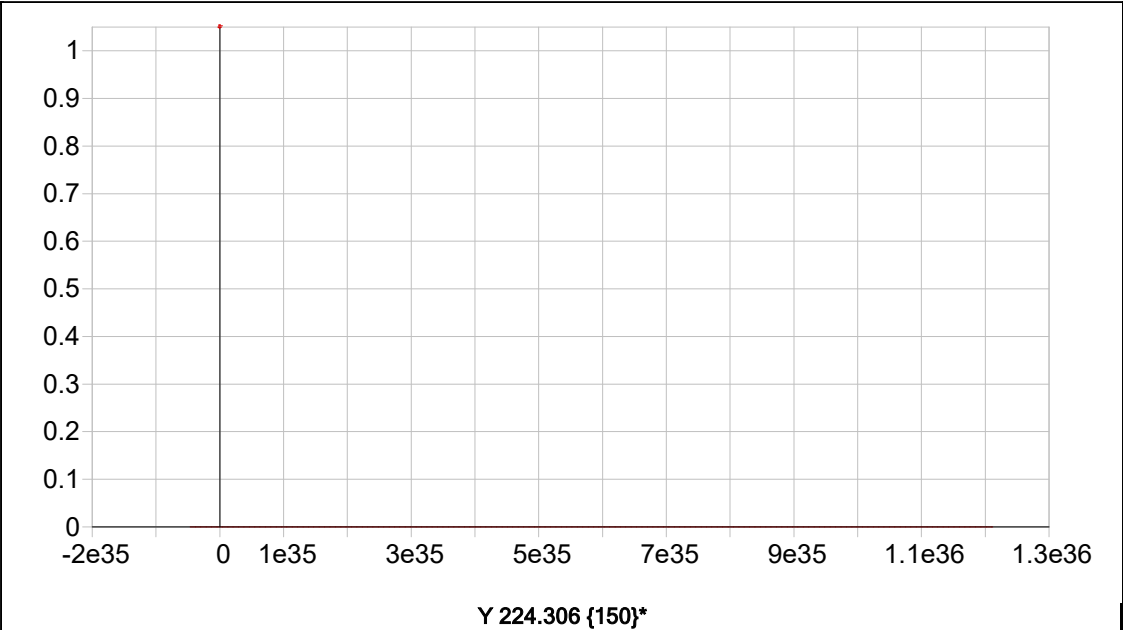


LI 670.784 { 50}

Date of Fit: 08/22/2019 16:16:18 Type of Fit: Linear Weighting: 1/Conc

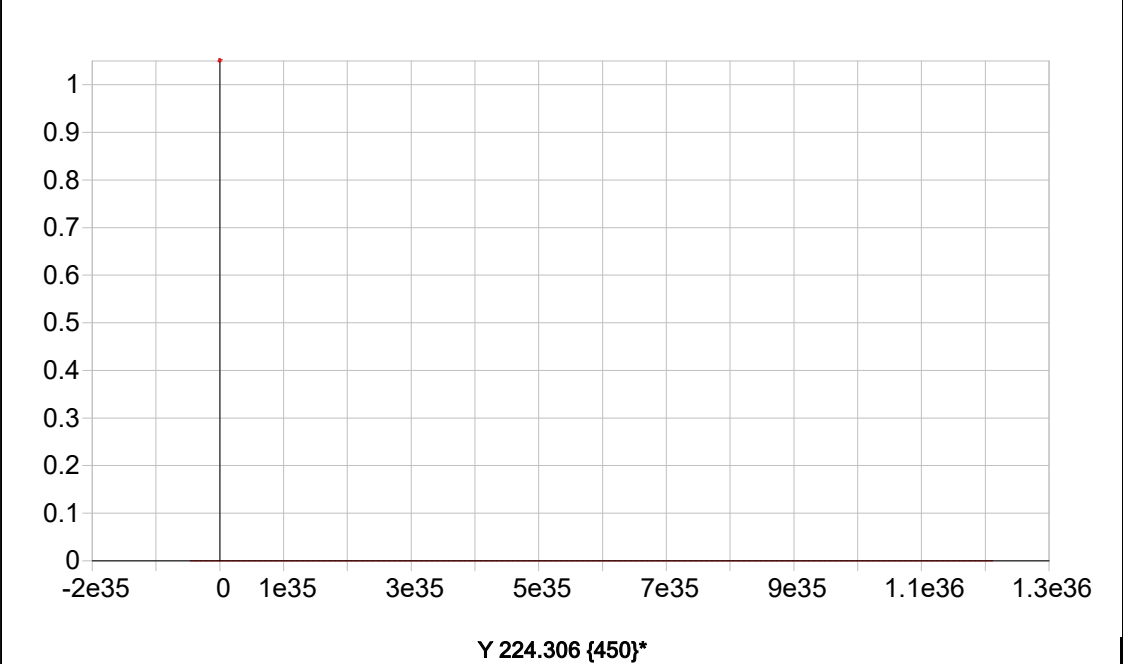
A0 (Offset): 0.012172 Re-Slope: 1.000000
 A1 (Gain): 1.943482 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999720 Status: OK.
 Std Error of Est: 0.001110
 Predicted MDL: 0.001107
 Predicted MQL: 0.003690

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01220	.001	1
S5	10.000	10.122	.122	1.22	19.683	.096	1
S4	5.0000	4.9477	-.052	-1.05	9.6279	.043	1
S3	2.5000	2.4421	-.058	-2.31	4.7584	.041	1
S1	.02000	.00866	-.011	-56.7	.02900	.001	1

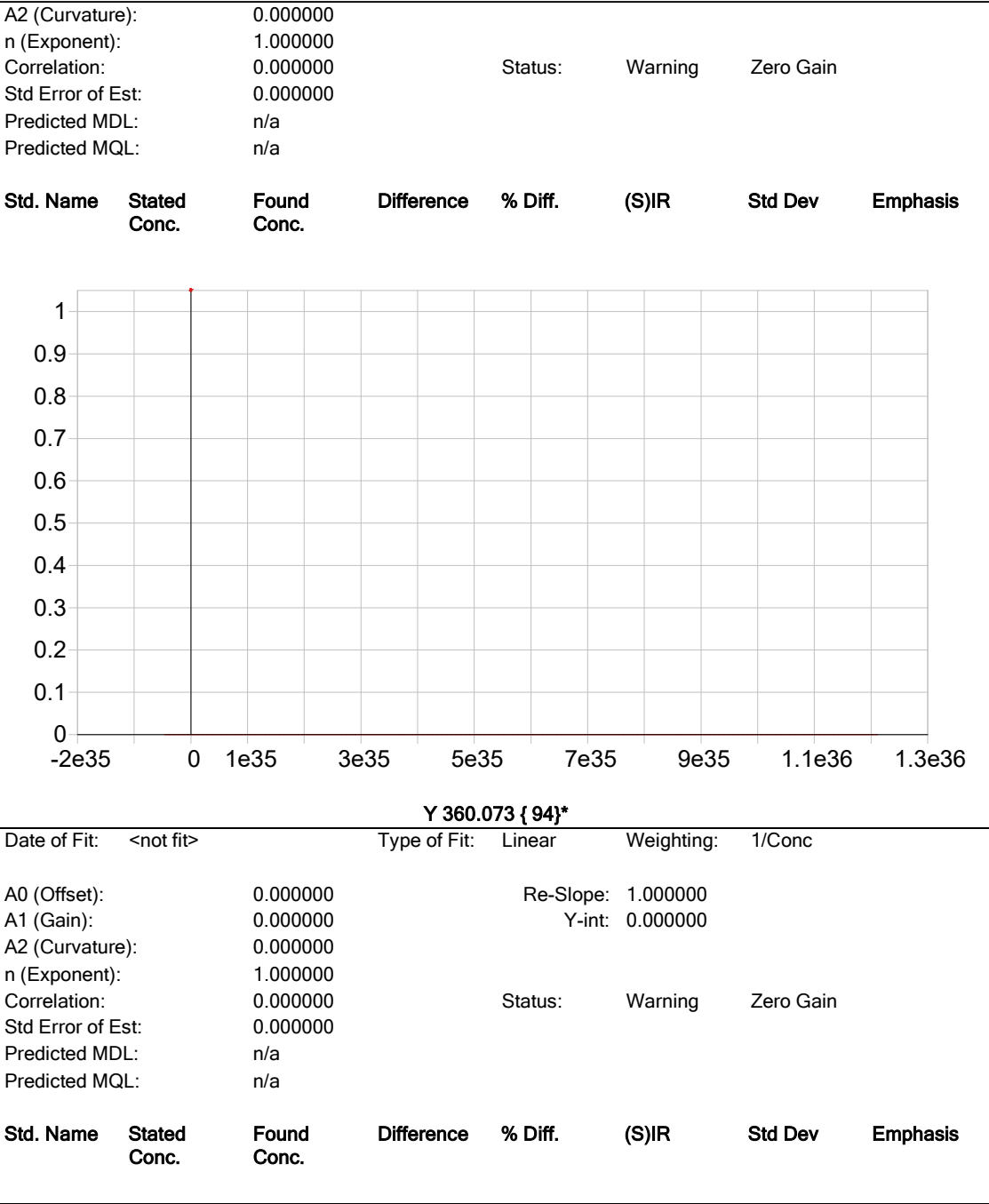


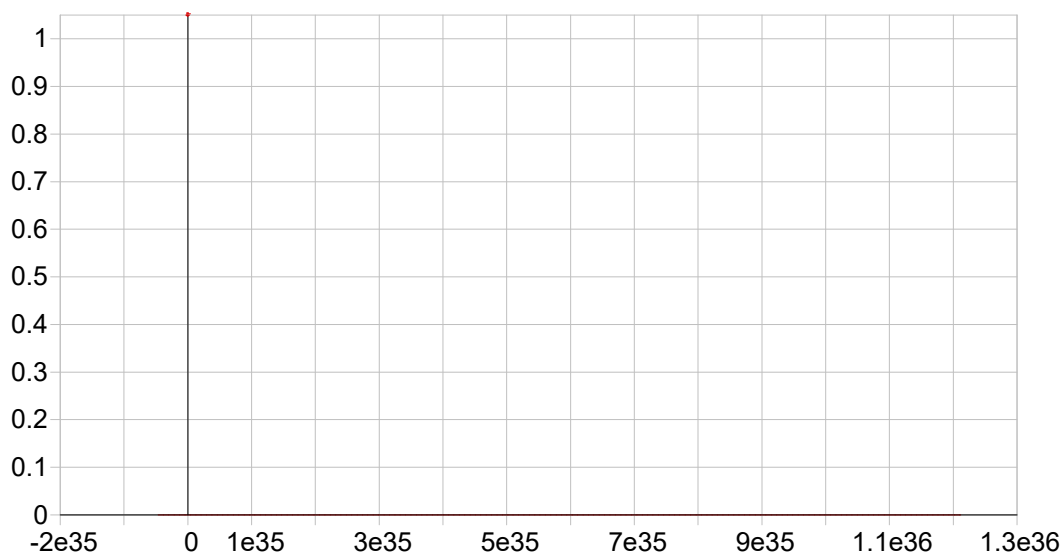
Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a					
Predicted MQL:	n/a					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

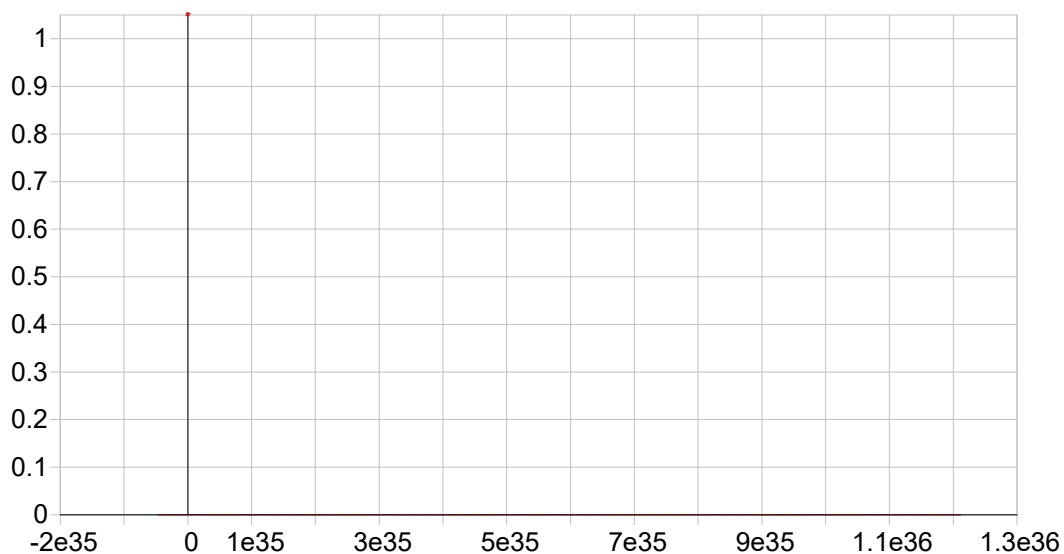


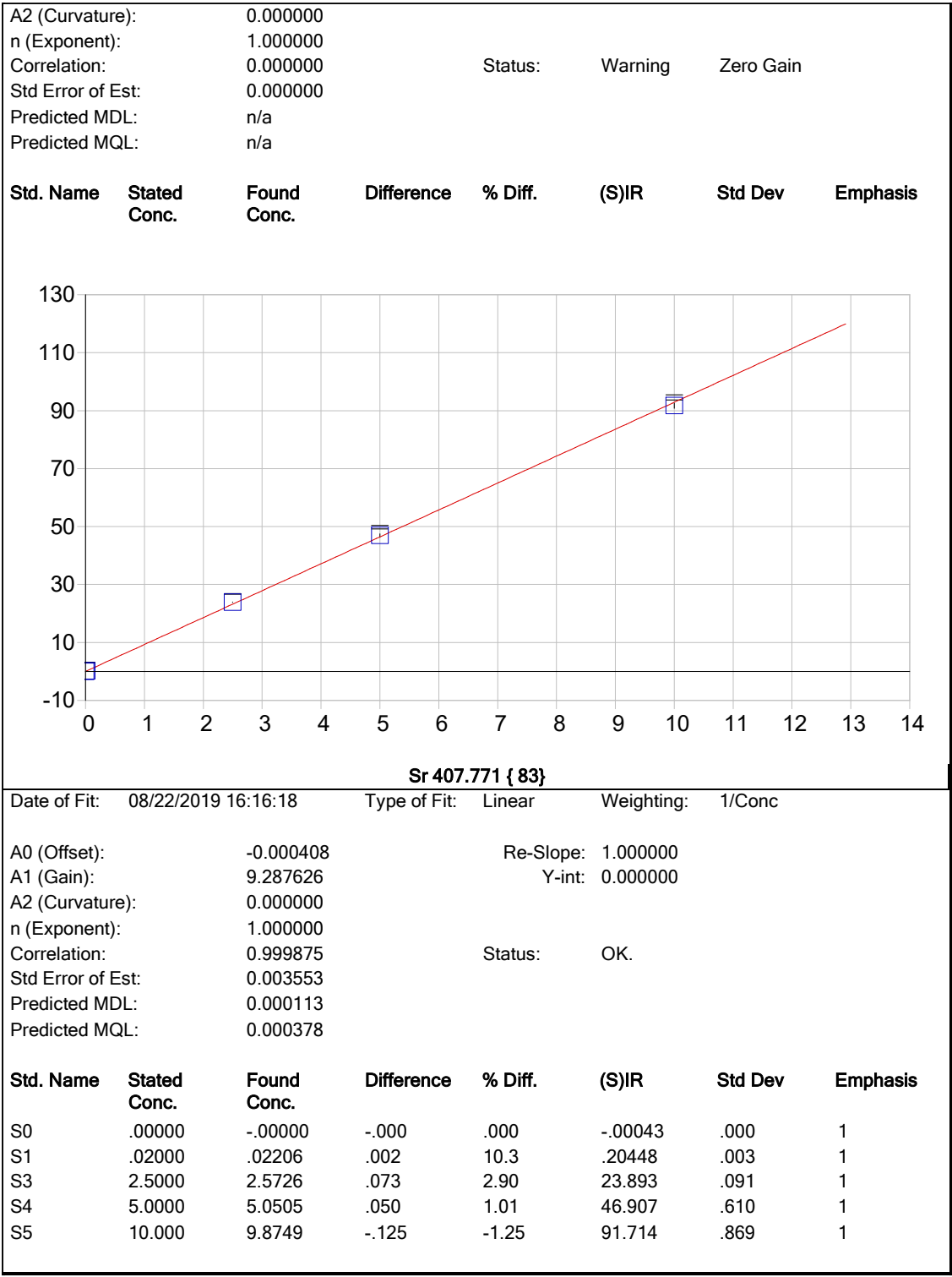
Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		





Y 371.030 { 91}*





Sample Name: S0 Acquired: 08/22/2019 9:30:50 Type: Cal
Method: NON EPA-6010-200.7(v146) 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	-.00017	-.00131	.00026	.00124	.00096	.00543	.01029	-.00320
Stddev	.00003	.00030	.00022	.00027	.00011	.00151	.00466	.00051
%RSD	16.614	22.616	85.510	21.560	11.179	27.786	45.255	15.785

#1	-.00019	-.00158	.00010	.00102	.00108	.00628	.01478	-.00365
#2	-.00018	-.00138	.00051	.00115	.00088	.00632	.01060	-.00330
#3	-.00014	-.00099	.00016	.00154	.00093	.00369	.00549	-.00266

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	-.00087	.00034	.00003	.00075	.00424	.00102	.00098	-.00014
Stddev	.00022	.00071	.00004	.00023	.00046	.00023	.00021	.00072
%RSD	25.388	211.11	150.94	30.989	10.832	23.078	21.471	511.19

#1	-.00091	-.00021	.00003	.00051	.00439	.00104	.00074	-.00083
#2	-.00063	.00114	.00007	.00076	.00373	.00124	.00115	-.00019
#3	-.00106	.00008	-.00001	.00097	.00461	.00077	.00104	.00060

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	-.00291	-.00120	-.00944	.00028	.02181	.03518	-.00059	.00584
Stddev	.00045	.00006	.00151	.00031	.00185	.00171	.00016	.00070
%RSD	15.416	5.2540	16.015	109.15	8.4790	4.8644	27.431	12.015

#1	-.00240	-.00126	-.00879	.00013	.02394	.03655	-.00044	.00598
#2	-.00309	-.00114	-.00836	.00008	.02093	.03573	-.00076	.00647
#3	-.00325	-.00119	-.01117	.00064	.02058	.03326	-.00056	.00508

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	.00048	.00114	.01011	.00087	.00363	.01220	-.00043	
Stddev	.00015	.00024	.00032	.00018	.00047	.00065	.00034	
%RSD	32.453	20.816	3.2130	20.570	13.014	5.3322	77.712	

#1	.00037	.00140	.01045	.00106	.00372	.01272	-.00010	
#2	.00065	.00106	.01008	.00071	.00313	.01240	-.00077	
#3	.00041	.00095	.00980	.00083	.00406	.01147	-.00042	

Sample Name: S0 Acquired: 08/22/2019 9:30:50 Type: Cal
Method: NON EPA-6010-200.7(v146) 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	1395.1	2225.2	29340.	4860.8	2330.0
Stddev	12.0	3.1	265.	33.9	1.8
%RSD	.86301	.13738	.90424	.69706	.07886
#1	1401.0	2228.7	29267.	4822.9	2331.2
#2	1381.3	2223.7	29119.	4871.1	2330.9
#3	1403.1	2223.2	29634.	4888.3	2327.9

Sample Name: S1 Acquired: 08/22/2019 9:34:42 Type: Cal
 Method: NON EPA-6010-200.7(v146) 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	.00123	.00204	.00379	.00357	.01161	.01946	.51371	.04665
Stddev	.00019	.00042	.00067	.00025	.00023	.00153	.00601	.00050
%RSD	15.436	20.509	17.670	6.8730	1.9708	7.8515	1.1704	1.0760

#1	.00144	.00159	.00357	.00385	.01142	.01781	.50682	.04607
#2	.00107	.00242	.00454	.00339	.01154	.01974	.51640	.04699
#3	.00118	.00211	.00326	.00346	.01186	.02082	.51791	.04688

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	.02642	.00281	.03615	.01021	.00520	.02210	.03347	.00369
Stddev	.00060	.00014	.00042	.00044	.00014	.00008	.00024	.00014
%RSD	2.2838	4.9717	1.1531	4.2871	2.7601	.36437	.72634	3.6976

#1	.02598	.00285	.03598	.01023	.00531	.02210	.03358	.00374
#2	.02711	.00292	.03663	.00976	.00504	.02217	.03319	.00380
#3	.02618	.00265	.03584	.01064	.00524	.02201	.03365	.00353

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	.00738	.19926	.00117	.08336	.12250	.00227	.31777	.00499
Stddev	.00039	.00169	.00010	.00060	.00064	.00023	.00185	.00022
%RSD	5.2392	.84818	8.8188	.71526	.52390	9.9438	.58291	4.4923

#1	.00749	.19938	.00107	.08273	.12284	.00229	.31952	.00523
#2	.00770	.20089	.00118	.08391	.12176	.00249	.31797	.00478
#3	.00695	.19752	.00127	.08344	.12290	.00204	.31583	.00495

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.03341	.02900	.20448
Stddev	.00043	.00067	.00298
%RSD	1.2903	2.2982	1.4562

#1	.03296	.02843	.20174
#2	.03345	.02973	.20405
#3	.03382	.02884	.20765

Sample Name: S1 Acquired: 08/22/2019 9:34:42 Type: Cal
Method: NON EPA-6010-200.7(v146) 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	1399.7	2240.8	29482.	4865.4	2369.5
Stddev	6.8	5.0	85.	22.3	4.6
%RSD	.48255	.22131	.28704	.45779	.19372
#1	1406.8	2235.0	29528.	4886.4	2365.6
#2	1393.3	2243.8	29384.	4842.0	2368.3
#3	1398.9	2243.4	29534.	4867.9	2374.6

Sample Name: S2 Acquired: 08/22/2019 9:38:34 Type: Cal
Method: NON EPA-6010-200.7(v146) 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	.19878	.03005	.00551	.09443
Stddev	.00125	.00018	.00078	.00241
%RSD	.62970	.58716	14.147	2.5481

#1	.19770	.03022	.00581	.09658
#2	.19850	.02987	.00608	.09183
#3	.20015	.03005	.00462	.09487

Int. Std.	Y_3710
Units	Cts/S
Avg	4843.3
Stddev	13.7
%RSD	.28348

#1	4858.3
#2	4840.0
#3	4831.5

Sample Name: S3 Acquired: 08/22/2019 9:42:20 Type: Cal
Method: NON EPA-6010-200.7(v146) 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	.17240	.19741	.63119	.29002	.50150	.61578	24.477	.96205
Stddev	.00029	.00038	.00043	.00059	.00300	.00595	.203	.00776
%RSD	.16676	.19415	.06767	.20281	.59761	.96619	.82750	.80709

#1	.17215	.19721	.63163	.28978	.50293	.60905	24.250	.96344
#2	.17235	.19786	.63078	.28959	.49806	.61794	24.540	.95368
#3	.17271	.19718	.63116	.29069	.50352	.62034	24.640	.96903

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	5.0822	1.1392	.13191	1.3833	.18136	.09882	1.1959	.17738
Stddev	.0074	.0069	.00031	.0024	.00141	.00104	.0123	.00163
%RSD	.14571	.60664	.23644	.17182	.77814	1.0548	1.0296	.91796

#1	5.0832	1.1320	.13156	1.3842	.17984	.09762	1.1828	.17567
#2	5.0743	1.1397	.13203	1.3806	.18264	.09932	1.1979	.17755
#3	5.0890	1.1458	.13215	1.3851	.18160	.09953	1.2072	.17891

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	1.0316	.30315	.06973	.24262	5.2994	.37584	.22669	1.9568
Stddev	.0039	.00135	.00136	.00206	.0217	.00323	.00036	.0135
%RSD	.37712	.44513	1.9532	.85071	.40956	.86069	.15992	.68996

#1	1.0337	.30360	.06865	.24129	5.3131	.37213	.22711	1.9568
#2	1.0271	.30422	.06928	.24157	5.3107	.37729	.22645	1.9434
#3	1.0340	.30163	.07126	.24500	5.2744	.37810	.22651	1.9704

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	1.4974	.15311	1.8949	.27772	1.8958	4.7584	23.893
Stddev	.0021	.00029	.0136	.00054	.0142	.0414	.091
%RSD	.13859	.19198	.71972	.19540	.75089	.86954	.37910

#1	1.4963	.15298	1.8936	.27822	1.8795	4.7110	23.790
#2	1.4961	.15344	1.8819	.27715	1.9017	4.7774	23.925
#3	1.4998	.15290	1.9091	.27778	1.9061	4.7869	23.963

Sample Name: S3 Acquired: 08/22/2019 9:42:20 Type: Cal
Method: NON EPA-6010-200.7(v146) 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	1407.5	2246.9	29690.	4902.4	2418.8
Stddev	13.3	6.9	126.	21.6	9.1
%RSD	.94213	.30884	.42291	.44003	.37433
#1	1401.7	2240.0	29616.	4885.2	2409.6
#2	1398.1	2253.9	29620.	4926.6	2427.7
#3	1422.7	2246.7	29835.	4895.4	2419.0

Sample Name: S4 Acquired: 08/22/2019 9:45:57 Type: Cal
Method: NON EPA-6010-200.7(v146) 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	.34075	.39866	1.2598	.57582	.99381	1.2132	48.954	1.9110
Stddev	.00009	.00162	.0023	.00184	.00231	.0092	.254	.0174
%RSD	.02500	.40758	.18331	.31906	.23251	.76086	.51861	.90882

#1	.34078	.39922	1.2581	.57788	.99647	1.2032	48.661	1.9112
#2	.34065	.39683	1.2588	.57437	.99225	1.2213	49.085	1.9283
#3	.34081	.39993	1.2624	.57520	.99272	1.2150	49.115	1.8936

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	9.9684	2.2503	.25827	2.7356	.35609	.19553	2.3861	.35066
Stddev	.0069	.0114	.00051	.0010	.00234	.00210	.0177	.00233
%RSD	.06965	.50748	.19682	.03509	.65670	1.0757	.74364	.66548

#1	9.9745	2.2371	.25855	2.7360	.35348	.19332	2.3660	.34797
#2	9.9608	2.2569	.25858	2.7363	.35801	.19575	2.3995	.35188
#3	9.9698	2.2569	.25768	2.7345	.35677	.19751	2.3927	.35213

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0335	.60667	.15093	.47666	10.425	.71861	.44584	3.9096
Stddev	.0010	.00402	.00133	.00312	.065	.00518	.00116	.0329
%RSD	.04821	.66227	.87958	.65430	.62819	.72064	.25939	.84207

#1	2.0346	.61053	.15076	.47356	10.357	.71419	.44574	3.9252
#2	2.0335	.60251	.14970	.47979	10.487	.72431	.44474	3.9318
#3	2.0326	.60698	.15234	.47664	10.432	.71733	.44704	3.8718

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	2.9545	.30108	3.6249	.54880	3.7838	9.6279	46.907	
Stddev	.0005	.00047	.0222	.00059	.0319	.0432	.610	
%RSD	.01624	.15460	.61320	.10754	.84396	.44842	1.3007	

#1	2.9542	.30112	3.6242	.54879	3.7501	9.5786	46.230	
#2	2.9550	.30059	3.6475	.54822	3.8137	9.6463	47.414	
#3	2.9542	.30152	3.6030	.54940	3.7877	9.6588	47.076	

Sample Name: S4 Acquired: 08/22/2019 9:45:57 Type: Cal
Method: NON EPA-6010-200.7(v146) 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	1393.2	2225.7	29584.	4884.7	2408.5
Stddev	4.7	4.1	164.	28.9	3.0
%RSD	.33900	.18273	.55417	.59153	.12411
#1	1398.6	2226.5	29449.	4867.9	2409.2
#2	1391.0	2221.3	29766.	4868.2	2405.2
#3	1390.0	2229.4	29536.	4918.1	2411.0

Sample Name: S5 Acquired: 08/22/2019 9:49:37 Type: Cal
 Method: NON EPA-6010-200.7(v146) 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	.68405	.81732	2.5629	1.1568	2.0102	2.3996	95.651	3.7924
Stddev	.00199	.00660	.0051	.0033	.0021	.0196	1.070	.0206
%RSD	.29130	.80808	.19803	.28802	.10293	.81633	1.1188	.54311

#1	.68486	.81724	2.5615	1.1589	2.0105	2.3993	94.655	3.8098
#2	.68178	.81076	2.5685	1.1530	2.0080	2.4193	96.782	3.7979
#3	.68551	.82397	2.5587	1.1586	2.0121	2.3802	95.515	3.7697

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	19.629	4.5039	.51213	5.4869	.69462	.38559	4.7239	.70417
Stddev	.041	.0073	.00070	.0081	.00944	.00220	.0218	.00375
%RSD	.20715	.16181	.13719	.14744	1.3589	.56931	.46216	.53256

#1	19.640	4.4959	.51288	5.4912	.69194	.38542	4.6995	.70366
#2	19.663	4.5054	.51205	5.4919	.70511	.38787	4.7415	.70815
#3	19.584	4.5103	.51148	5.4775	.68681	.38349	4.7308	.70070

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.0557	1.2468	.30952	.94192	20.746	1.3974	.87271	7.8887
Stddev	.0032	.0006	.00104	.00860	.044	.0116	.01123	.0474
%RSD	.07880	.04466	.33465	.91284	.21213	.83100	1.2872	.60063

#1	4.0525	1.2475	.31036	.94708	20.725	1.3977	.87307	7.9405
#2	4.0558	1.2465	.30836	.94667	20.797	1.4088	.86130	7.8778
#3	4.0589	1.2465	.30983	.93199	20.717	1.3856	.88376	7.8477

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	5.9217	.59920	7.2389	1.0997	7.5000	19.683	91.714	
Stddev	.0105	.00441	.0252	.0033	.0492	.096	.869	
%RSD	.17712	.73596	.34777	.29671	.65567	.48900	.94718	

#1	5.9221	.60054	7.2641	1.0996	7.4802	19.602	91.124	
#2	5.9110	.59427	7.2387	1.0964	7.5560	19.658	91.306	
#3	5.9320	.60278	7.2138	1.1030	7.4639	19.790	92.711	

Sample Name: S5 Acquired: 08/22/2019 9:49:37 Type: Cal
Method: NON EPA-6010-200.7(v146) 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	1356.9	2207.7	29228.	4861.6	2408.9
Stddev	1.6	3.2	45.	26.3	5.3
%RSD	.12074	.14500	.15504	.54042	.22174
#1	1358.8	2205.3	29201.	4831.5	2405.5
#2	1356.0	2206.5	29280.	4873.2	2406.1
#3	1355.9	2211.3	29203.	4880.1	2415.0

Sample Name: ICV01 Acquired: 08/22/2019 10:10:59 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	1.025471	1.008805	1.011694	1.025078	1.003266	2.512717
Stddev	.002750	.002944	.006617	.005127	.003100	.024230
%RSD	.2681794	.2918161	.6540914	.5001354	.3089920	.9642882

#1	1.028562	1.011110	1.005101	1.026233	1.000999	2.485002
#2	1.024554	1.009817	1.018335	1.019472	1.002001	2.529890
#3	1.023297	1.005489	1.011646	1.029529	1.006799	2.523259

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4995786	.4880862	F .5251351	10.05063	F .5194764	.5088404
Stddev	.0031551	.0008803	.0008537	.05677	.0012454	.0011684
%RSD	.6315420	.1803507	.1625632	.5648236	.2397435	.2296219

#1	.4959385	.4875482	.5242221	9.98791	.5208597	.5076070
#2	.5015264	.4891020	.5259134	10.06549	.5191254	.5089836
#3	.5012710	.4876084	.5252698	10.09850	.5184442	.5099306

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5008290	5.290032	.5031747	5.928986	.5244638	F .4693111
Stddev	.0025293	.023897	.0042773	.072167	.0016862	.0011554
%RSD	.5050283	.4517313	.8500633	1.217184	.3215176	.2461910

#1	.5031737	5.273886	.4982509	5.860029	.5248921	.4679790
#2	.4981485	5.317484	.5053019	5.922945	.5258946	.4699144
#3	.5011647	5.278727	.5059714	6.003983	.5226047	.4700400

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.731720	F .4725723	1.050672	9.521404	F -.004086	2.453790
Stddev	.058459	.0010747	.004338	.138844	.001246	.008321
%RSD	.6007072	.2274056	.4128383	1.458228	30.49751	.3391039

#1	9.741946	.4714598	1.049244	9.554828	-.005294	2.446322
#2	9.784391	.4736046	1.055543	9.640485	-.002805	2.462759
#3	9.668822	.4726525	1.047228	9.368899	-.004161	2.452289

Sample Name: ICV01 Acquired: 08/22/2019 10:10:59 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	2.470537	F -.000927	2.377857	2.486076	2.432575	F -.003222
Stddev	.004788	.001853	.009679	.003382	.011297	.000541
%RSD	.1937983	199.8862	.4070469	.1360573	.4644126	16.80061

#1	2.473718	-.001128	2.367951	2.482749	2.419672	-.003016
#2	2.465031	-.002672	2.387292	2.489512	2.440688	-.003836
#3	2.472864	.001018	2.378328	2.485969	2.437364	-.002813

Elem	Sr4077
Units	ppm
Avg	F .0119114
Stddev	.0001678
%RSD	1.408576

#1	.0120251
#2	.0119903
#3	.0117187

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1394.828	2235.996	29330.57	4965.715	2390.377
Stddev	9.436	7.767	145.01	18.747	5.003
%RSD	.6764860	.3473550	.4943850	.3775380	.2092881

#1	1390.918	2228.461	29198.59	4957.288	2384.621
#2	1387.976	2243.976	29307.34	4952.661	2393.684
#3	1405.590	2235.550	29485.79	4987.198	2392.824

Sample Name: LLICV01 Acquired: 08/22/2019 10:20:45 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0184198	.0391652	.0137949	.0213386	.0528259	.1005102	.1011972
Stddev	.0035310	.0034521	.0008759	.0029692	.0008135	.0041076	.0007061
%RSD	19.16944	8.814094	6.349625	13.91450	1.539939	4.086730	.6977339

#1	.0167018	.0366907	.0144132	.0185172	.0537359	.0958158	.1004740
#2	.0224810	.0431088	.0141790	.0210624	.0525725	.1034441	.1018848
#3	.0160766	.0376962	.0127926	.0244362	.0521692	.1022706	.1012329

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062118	.0067662	2.078325	.0104406	.0317788	.0200489	.1024265
Stddev	.0001378	.0001139	.023864	.0002515	.0002106	.0044142	.0040416
%RSD	2.218753	1.683534	1.148210	2.408593	.6627633	22.01698	3.945865

#1	.0063705	.0066469	2.056672	.0101504	.0316825	.0159702	.1007907
#2	.0061421	.0068739	2.074392	.0105763	.0316336	.0247355	.0994593
#3	.0061226	.0067776	2.103910	.0105951	.0320204	.0194409	.1070297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210871	2.036944	.0432410	.0116251	1.892272	.0404978	.0446321
Stddev	.0004091	.028042	.0002379	.0007694	.297415	.0004397	.0005228
%RSD	1.939869	1.376660	.5502226	6.618365	15.71735	1.085649	1.171386

#1	.0207165	2.005123	.0430934	.0117479	1.556174	.0407115	.0451129
#2	.0210188	2.047670	.0431140	.0123257	2.121428	.0407898	.0447077
#3	.0215260	2.058040	.0435154	.0108017	1.999215	.0399922	.0440756

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.794128	.0210343	.0994039	.2023041	.0137813	.3844466	.0362427
Stddev	.033633	.0022163	.0008682	.0006778	.0033114	.0014143	.0011765
%RSD	1.874588	10.53654	.8734363	.3350199	24.02794	.3678799	3.246074

#1	1.755370	.0224507	.0985368	.2023402	.0123684	.3853009	.0375757
#2	1.811376	.0184802	.1002732	.2016090	.0114107	.3852247	.0353495
#3	1.815637	.0221721	.0994017	.2029631	.0175647	.3828141	.0358030

Sample Name: LLICV01 Acquired: 08/22/2019 10:20:45 Type: Unk
 Method: NON EPA-6010-200.7(v146) 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	.0401237	.0061154	.0212414
Stddev	.0005397	.0010003	.0001987
%RSD	1.345149	16.35645	.9354586

#1	.0395848	.0065943	.0210122
#2	.0406642	.0049657	.0213649
#3	.0401222	.0067862	.0213472

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1388.025	2224.767	29111.45	4963.803	2348.303
Stddev	1.873	2.887	73.96	20.949	5.998
%RSD	.1349113	.1297604	.2540592	.4220327	.2554396

#1	1388.885	2222.606	29026.74	4948.515	2349.409
#2	1385.877	2223.649	29163.20	4955.213	2341.829
#3	1389.312	2228.046	29144.41	4987.682	2353.672

Sample Name: ICB01 Acquired: 08/22/2019 10:24:37 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005308	.0036101	-.001787	.0000650	.0013521	.0002613
Stddev	.0009932	.0035940	.001191	.0022023	.0009609	.0089905
%RSD	187.1241	99.55177	66.66085	3389.509	71.06641	3441.013

#1	.0016356	.0032868	-.001029	-.002248	.0019650	-.008987
#2	.0002448	.0073549	-.003160	.002136	.0018465	.000801
#3	-.000288	.0001888	-.001172	.000307	.0002447	.008970

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000543	-.000002	.0000744	.0068931	.0001061	-.000008
Stddev	.000543	.000068	.0000396	.0072575	.0001988	.000471
%RSD	100.0876	3142.365	53.25949	105.2860	187.4117	5629.087

#1	-.001170	.000060	.0000686	-.000691	.0002218	.000128
#2	-.000248	-.000075	.0000380	.013772	-.000123	-.000533
#3	-.000211	.000009	.0001166	.007599	.000220	.000380

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002076	-.011100	-.000197	-.012394	.0001458	.0007985
Stddev	.003612	.006841	.000202	.016640	.0004626	.0002612
%RSD	174.0248	61.62905	102.2961	134.2555	317.2392	32.70705

#1	-.006058	-.018984	-.000423	-.002496	.0003383	.0004976
#2	-.001161	-.006734	-.000033	-.031605	-.000382	.0009315
#3	.000991	-.007582	-.000136	-.003081	.000481	.0009663

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.221949	-.000452	-.000082	-.087583	-.001360	-.000561
Stddev	.336190	.003895	.000344	.174141	.001351	.001108
%RSD	151.4716	861.9101	417.2133	198.8305	99.37314	197.4212

#1	-.595765	-.004864	.000258	-.276113	.000110	.000718
#2	.055623	.002508	-.000076	-.053877	-.002548	-.001215
#3	-.125705	.001000	-.000429	.067241	-.001641	-.001186

Sample Name: ICB01 Acquired: 08/22/2019 10:24:37 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000371	F -.012082	-.002162	-.002610	.0007922	-.004058
Stddev	.000199	.003997	.001598	.000545	.0008622	.000601
%RSD	53.65708	33.07900	73.90246	20.88983	108.8357	14.81940

#1	-.000186	-.010498	-.000401	-.002142	.0010987	-.003372
#2	-.000581	-.016628	-.002567	-.003209	.0014593	-.004309
#3	-.000346	-.009120	-.003518	-.002479	-.000181	-.004494

Elem	Sr4077
Units	ppm
Avg	-.000030
Stddev	.000051
%RSD	167.8980

#1	.000002
#2	-.000089
#3	-.000004

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1390.741	2226.163	29122.88	4949.270	2328.512
Stddev	4.649	1.636	209.06	10.360	9.198
%RSD	.3342674	.0734952	.7178690	.2093165	.3950253

#1	1392.195	2224.930	29130.70	4948.432	2334.078
#2	1385.538	2228.019	28910.01	4960.023	2333.562
#3	1394.488	2225.539	29327.92	4939.355	2317.895

Sample Name: CRI01 Acquired: 08/22/2019 10:28:30 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0190452	.0426658	.0142447	.0230228	.0533878	.1074974	.1018540
Stddev	.0017926	.0004747	.0025092	.0009694	.0020451	.0060269	.0007634
%RSD	9.412499	1.112699	17.61481	4.210483	3.830686	5.606594	.7495364

#1	.0183847	.0421526	.0143444	.0223520	.0553593	.1143872	.1011838
#2	.0176765	.0427553	.0116871	.0241342	.0512763	.1049023	.1026850
#3	.0210744	.0430894	.0167025	.0225822	.0535278	.1032027	.1016932

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062324	.0068145	2.049479	.0104123	.0319497	.0164948	.0913798
Stddev	.0001515	.0000660	.017964	.0001739	.0001902	.0026483	.0176389
%RSD	2.431248	.9679175	.8765266	1.670005	.5952904	16.05567	19.30282

#1	.0060618	.0067876	2.029405	.0103261	.0318476	.0161013	.0896870
#2	.0063512	.0067663	2.054991	.0102984	.0318323	.0140652	.0746484
#3	.0062843	.0068897	2.064042	.0106125	.0321691	.0193178	.1098041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217571	2.056744	.0438665	.0107610	1.999178	.0398369	.0433340
Stddev	.0001576	.035695	.0006831	.0000685	.151257	.0013677	.0001331
%RSD	.7241129	1.735516	1.557273	.6367817	7.565941	3.433116	.3072491

#1	.0215930	2.055391	.0439053	.0107993	1.830644	.0398253	.0432582
#2	.0217713	2.021746	.0431649	.0106819	2.123140	.0384750	.0434878
#3	.0219072	2.093097	.0445295	.0108018	2.043752	.0412102	.0432561

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.883165	.0203765	.0955823	.2038577	.0104978	.3908597	.0379311
Stddev	.063647	.0003787	.0003871	.0009886	.0013124	.0025209	.0006797
%RSD	3.379815	1.858581	.4049405	.4849727	12.50209	.6449680	1.792032

#1	1.849560	.0208061	.0956446	.2027212	.0091071	.3885939	.0376575
#2	1.843364	.0200910	.0951679	.2043321	.0117147	.3904101	.0374309
#3	1.956572	.0202324	.0959345	.2045197	.0106715	.3935752	.0387050

Sample Name: CRI01 Acquired: 08/22/2019 10:28:30 Type: Unk
 Method: NON EPA-6010-200.7(v146) 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	.0391545	.0066695	.0210466
Stddev	.0009967	.0007189	.0004466
%RSD	2.545581	10.77901	2.121927

#1	.0381169	.0064461	.0205359
#2	.0392419	.0060889	.0212404
#3	.0401046	.0074736	.0213636

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1383.000	2233.701	29120.50	4967.252	2352.280
Stddev	5.644	3.590	203.18	17.085	4.208
%RSD	.4081122	.1607274	.6977214	.3439614	.1788739

#1	1377.232	2232.946	28947.14	4976.211	2348.743
#2	1388.512	2230.548	29344.08	4977.994	2356.933
#3	1383.258	2237.608	29070.29	4947.550	2351.165

Sample Name: ICSA01 Acquired: 08/22/2019 10:32:23 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0045683	-.009102	.0003158	.0011074	.0031502	250.0297
Stddev	.0005584	.001342	.0017770	.0019593	.0003059	4.0380
%RSD	12.22374	14.74251	562.6125	176.9301	9.710068	1.615010

#1	.0040993	-.007568	-.001518	.0022099	.0035034	245.5376
#2	.0044194	-.009679	.002030	-.001155	.0029782	253.3580
#3	.0051860	-.010059	.000436	.002267	.0029690	251.1933

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057469	.0012102	-.001524	239.8633	.0480636	.0000031
Stddev	.0007882	.0000783	.000103	1.8588	.0003383	.0002778
%RSD	13.71496	6.470891	6.772742	.7749403	.7039109	9090.940

#1	.0051124	.0012984	-.001522	237.7321	.0476885	.0000505
#2	.0066292	.0011489	-.001422	240.7082	.0483456	.0002541
#3	.0054989	.0011833	-.001628	241.1496	.0481569	-.000295

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139646	98.70255	.0099822	253.6863	-.000518	.0001567
Stddev	.0014508	.99732	.0004591	2.9765	.000627	.0005183
%RSD	10.38909	1.010429	4.599607	1.173285	120.9768	330.8442

#1	.0141823	97.58343	.0095474	250.2906	-.001142	.0003852
#2	.0124172	99.49733	.0099369	255.8435	.000112	-.000437
#3	.0152942	99.02689	.0104623	254.9249	-.000525	.000521

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0461221	.0003468	-.004643	-.279415	-.011299	-.038107
Stddev	.1410306	.0031821	.000424	.038660	.003381	.002837
%RSD	305.7767	917.5032	9.133126	13.83609	29.91956	7.443915

#1	.2086351	.0008122	-.004167	-.235117	-.014718	-.040348
#2	-.044177	.0032706	-.004781	-.296782	-.011220	-.039054
#3	-.026092	-.003042	-.004981	-.306345	-.007958	-.034918

Sample Name: ICSA01 Acquired: 08/22/2019 10:32:23 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0000685	-.005877	-.002478	-.005007	-.001757	W -.002144
Stddev	.0006239	.002446	.000726	.002445	.002107	.000461
%RSD	911.4442	41.62684	29.28217	48.83789	119.9263	21.51886

#1	.0007742	-.004678	-.002969	-.002360	-.002068	-.001613
#2	-.000159	-.004262	-.002821	-.005479	-.003690	-.002372
#3	-.000410	-.008691	-.001644	-.007182	.000488	-.002448

Elem	Sr4077
Units	ppm
Avg	F .0991088
Stddev	.0018179
%RSD	1.834255

#1	.0970985
#2	.1006373
#3	.0995905

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1336.094	2171.078	28393.58	4944.730	2359.694
Stddev	11.132	2.273	52.87	19.395	2.163
%RSD	.8331997	.1047075	.1862095	.3922353	.0916730

#1	1335.134	2169.007	28332.54	4952.639	2361.271
#2	1347.675	2173.510	28425.14	4922.630	2357.228
#3	1325.473	2170.717	28423.06	4958.921	2360.582

Sample Name: ICSAB01 Acquired: 08/22/2019 10:36:12 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.1021453	.1061904	.0565227	.0561244	.6489736	254.8010
Stddev	.0034390	.0022012	.0002973	.0013756	.0022583	4.2995
%RSD	3.366798	2.072864	.5259339	2.450995	.3479830	1.687396

#1	.0997298	.1082404	.0565273	.0553476	.6485371	249.9894
#2	.1060827	.1064668	.0562231	.0553128	.6469653	256.1475
#3	.1006235	.1038641	.0568176	.0577127	.6514182	258.2661

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5177975	.4991856	1.021990	245.0624	.5556828	.5177645
Stddev	.0073991	.0014462	.002473	2.5716	.0010088	.0012100
%RSD	1.428950	.2897110	.2419424	1.049353	.1815481	.2336889

#1	.5095865	.4977068	1.020519	242.1351	.5560210	.5171466
#2	.5198584	.5005968	1.024845	246.0947	.5564792	.5191587
#3	.5239476	.4992531	1.020607	246.9575	.5545484	.5169883

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5079305	100.3120	.5129643	258.9286	1.022664	.2202075
Stddev	.0083691	1.5619	.0081648	3.3726	.003566	.0002453
%RSD	1.647688	1.557030	1.591699	1.302529	.3487216	.1113736

#1	.5004903	98.5903	.5041774	255.0928	1.021613	.2203991
#2	.5063098	100.7076	.5143985	260.2637	1.026638	.2202923
#3	.5169915	101.6380	.5203170	261.4293	1.019741	.2199311

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3664884	.4938140	1.057589	-.283733	F -.017449	.9812861
Stddev	.0882521	.0067711	.004752	.027354	.003414	.0039090
%RSD	24.08047	1.371176	.4493710	9.640868	19.56438	.3983521

#1	.4083036	.4873543	1.056636	-.312118	-.014480	.9768451
#2	.4260610	.4932292	1.053385	-.257541	-.021179	.9828074
#3	.2651007	.5008585	1.062745	-.281539	-.016689	.9842056

Sample Name: ICSAB01 Acquired: 08/22/2019 10:36:12 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	1.037100	F -.007434	.9817151	1.058689	.9942242	F -.002632
Stddev	.002398	.003169	.0079679	.003599	.0159442	.000547
%RSD	.2311826	42.63341	.8116358	.3399729	1.603682	20.79882

#1	1.035828	-.007744	.9793115	1.059430	.9772481	-.002800
#2	1.035607	-.004121	.9906081	1.061860	.9965418	-.002020
#3	1.039866	-.010437	.9752255	1.054777	1.008883	-.003075

Elem	Sr4077
Units	ppm
Avg	F .1011447
Stddev	.0013087
%RSD	1.293843

#1	.0996957
#2	.1014980
#3	.1022405

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1323.469	2174.305	28488.39	4978.305	2362.756
Stddev	6.093	.712	90.63	19.851	8.656
%RSD	.4604134	.0327349	.3181207	.3987480	.3663712

#1	1327.480	2173.576	28453.11	4993.913	2362.628
#2	1326.469	2174.339	28420.71	4955.963	2354.165
#3	1316.457	2174.999	28591.35	4985.040	2371.476

Sample Name: CCV01 Acquired: 08/22/2019 10:43:56 Type: Unk
 Method: NON EPA-6010-200.7(v146) 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	4.994043	4.926439	4.931728	5.000816	4.969120	9.647389	9.918548
Stddev	.016448	.010184	.011247	.019482	.009007	.143330	.077294
%RSD	.3293425	.2067297	.2280506	.3895751	.1812500	1.485684	.7792875

#1	4.997571	4.923043	4.925545	4.999340	4.959197	9.483108	9.830929
#2	4.976118	4.918387	4.924930	4.982113	4.971386	9.746916	9.947645
#3	5.008440	4.937888	4.944710	5.020993	4.976778	9.712142	9.977071

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2438729	2.484654	24.51287	.9933793	2.471801	1.211265	4.881102
Stddev	.0017380	.003562	.23064	.0018681	.003190	.020439	.065367
%RSD	.7126539	.1433507	.9409011	.1880582	.1290368	1.687372	1.339181

#1	.2420159	2.483312	24.25736	.9924108	2.468176	1.188985	4.805631
#2	.2454604	2.481959	24.57559	.9955329	2.473052	1.229146	4.919837
#3	.2441422	2.488692	24.70567	.9921944	2.474176	1.215664	4.917837

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.451365	24.28902	2.479921	1.256220	24.17289	2.425861	2.488605
Stddev	.025335	.30411	.003620	.007317	.34108	.016431	.000766
%RSD	1.033492	1.252045	.1459687	.5824619	1.410992	.6773329	.0307773

#1	2.422804	23.94128	2.476602	1.264545	24.03068	2.409187	2.489398
#2	2.460168	24.42055	2.479379	1.253305	24.56207	2.442038	2.487869
#3	2.471125	24.50522	2.483781	1.250810	23.92594	2.426359	2.488548

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.84529	5.081358	4.875176	4.957363	5.016888	4.823606	4.964904
Stddev	.40867	.009742	.027122	.007907	.019708	.044254	.017713
%RSD	1.713832	.1917184	.5563379	.1595084	.3928330	.9174380	.3567715

#1	23.38064	5.084085	4.851762	4.950741	5.011679	4.779638	4.952927
#2	24.14890	5.070544	4.904896	4.955228	5.000307	4.868140	4.956533
#3	24.00635	5.089447	4.868870	4.966118	5.038677	4.823042	4.985251

Sample Name: CCV01 Acquired: 08/22/2019 10:43:56 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	4.848784	4.904839	4.861709
Stddev	.056784	.030366	.138931
%RSD	1.171097	.6191100	2.857656

#1	4.783331	4.873046	4.709424
#2	4.884874	4.907929	4.894164
#3	4.878147	4.933542	4.981541

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1386.766	2238.920	29297.10	4995.048	2426.213
Stddev	3.438	2.934	62.79	39.551	2.324
%RSD	.2478915	.1310344	.2143312	.7917999	.0957887

#1	1388.096	2241.711	29267.59	5040.294	2426.868
#2	1389.339	2239.186	29369.21	4967.048	2428.139
#3	1382.862	2235.862	29254.49	4977.803	2423.632

Sample Name: LLCCV01 Acquired: 08/22/2019 10:47:35 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0217070	.0420938	.0116487	.0220097	.0544460	.0985399	.1026154
Stddev	.0008804	.0014349	.0014631	.0011365	.0016295	.0144483	.0012903
%RSD	4.055847	3.408782	12.55991	5.163456	2.992935	14.66242	1.257432

#1	.0211684	.0408022	.0130692	.0228068	.0531374	.1072036	.1011642
#2	.0227230	.0418408	.0101465	.0207084	.0539293	.0818606	.1030489
#3	.0212296	.0436383	.0117303	.0225139	.0562712	.1065555	.1036332

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062966	.0067571	2.069044	.0100268	.0321054	.0174593	.1004255
Stddev	.0000829	.0000991	.020148	.0005270	.0003244	.0024212	.0094399
%RSD	1.316287	1.467027	.9738012	5.255946	1.010275	13.86779	9.399874

#1	.0063326	.0067329	2.046161	.0103237	.0317455	.0190832	.0905923
#2	.0062018	.0068661	2.084123	.0094183	.0321958	.0146764	.1094155
#3	.0063554	.0066723	2.076847	.0103383	.0323750	.0186182	.1012687

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218991	2.048663	.0443484	.0101588	1.844962	.0396164	.0437969
Stddev	.0004356	.034700	.0003757	.0039528	.210958	.0006590	.0003959
%RSD	1.988960	1.693797	.8470783	38.91016	11.43429	1.663343	.9038745

#1	.0223298	2.025590	.0442837	.0147174	1.787526	.0394839	.0439157
#2	.0214588	2.031830	.0440093	.0080770	1.668670	.0390337	.0441198
#3	.0219087	2.088569	.0447523	.0076820	2.078690	.0403315	.0433553

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.880636	.0218210	.1103594	.2050422	.0127157	.3969580	.0421854
Stddev	.034274	.0008004	.0003447	.0004758	.0026432	.0032701	.0010133
%RSD	1.822458	3.667832	.3123369	.2320670	20.78678	.8237828	2.402024

#1	1.899224	.0222346	.1107561	.2055602	.0104799	.3954479	.0433548
#2	1.841084	.0223300	.1101330	.2046245	.0120344	.3947159	.0416344
#3	1.901600	.0208985	.1101891	.2049419	.0156329	.4007102	.0415669

Sample Name: LLCCV01 Acquired: 08/22/2019 10:47:35 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0390303	.0091478	.0214698
Stddev	.0008660	.0011219	.0001886
%RSD	2.218789	12.26398	.8782977

#1	.0400288	.0104279	.0213034
#2	.0385774	.0086796	.0214313
#3	.0384847	.0083359	.0216746

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1391.770	2233.971	29310.86	4981.101	2362.107
Stddev	7.740	6.346	56.61	23.985	7.971
%RSD	.5561507	.2840821	.1931459	.4815109	.3374387

#1	1382.837	2226.799	29268.86	4984.790	2352.971
#2	1396.483	2236.254	29375.24	5003.028	2365.706
#3	1395.989	2238.860	29288.48	4955.486	2367.642

Sample Name: CCB01 Acquired: 08/22/2019 10:51:27 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001175	.0022687	.0005776	-.001113	.0003321	.0012277	-.000886
Stddev	.000143	.0013244	.0027408	.001466	.0000877	.0057666	.000520
%RSD	12.16123	58.37761	474.5183	131.7666	26.41841	469.6995	58.64843

#1	-.001034	.0021449	-.001670	-.000553	.0002746	.0076896	-.001390
#2	-.001320	.0036507	-.000228	-.002777	.0004331	-.000611	-.000352
#3	-.001172	.0010105	.003631	-.000009	.0002885	-.003395	-.000917

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000196	-.000008	.0052732	-.000291	-.000069	-.004385	-.010657
Stddev	.0000400	.000094	.0082178	.000147	.000050	.001246	.006033
%RSD	204.7606	1194.036	155.8419	50.33795	73.36601	28.41585	56.60758

#1	-.000017	-.000095	-.004191	-.000404	-.000120	-.003021	-.015773
#2	.000063	.000091	.009405	-.000343	-.000019	-.005464	-.012195
#3	.000013	-.000020	.010605	-.000126	-.000067	-.004669	-.004005

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000275	-.004968	.0001848	.0007983	-.306978	.0021982	-.000273
Stddev	.000180	.018134	.0004997	.0001577	.195569	.0009729	.000461
%RSD	65.39724	364.9776	270.2939	19.74783	63.70786	44.25980	168.4617

#1	-.000446	-.005752	.0007001	.0009714	-.492627	.0012108	-.000083
#2	-.000087	.013544	-.000298	.0007607	-.325501	.0031559	.000061
#3	-.000293	-.022698	.000152	.0006629	-.102807	.0022278	-.000799

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.147212	-.001304	.0043733	-.000067	-.008515	-.000554	-.002515
Stddev	.024044	.001554	.0003585	.000314	.003022	.000874	.001491
%RSD	16.33285	119.2002	8.197531	468.8705	35.49542	157.6346	59.30226

#1	-.161765	-.001482	.0047155	.000141	-.011107	-.001191	-.003976
#2	-.160411	-.002761	.0044040	-.000428	-.005195	-.000914	-.000995
#3	-.119459	.000332	.0040005	.000086	-.009244	.000442	-.002573

Sample Name: CCB01 Acquired: 08/22/2019 10:51:27 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CB01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001779	-.003332	.0000143
Stddev	.0005023	.001404	.0000865
%RSD	282.3940	42.13630	603.9390

#1	.0006073	-.003286	-.000054
#2	-.000374	-.004758	.000111
#3	.000301	-.001952	-.000014

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1390.251	2241.642	29307.76	4995.997	2344.947
Stddev	8.251	6.868	130.50	2.968	3.219
%RSD	.5934762	.3064001	.4452749	.0594020	.1372716

#1	1381.641	2242.572	29161.67	4998.776	2344.808
#2	1398.088	2234.357	29412.79	4996.343	2341.799
#3	1391.023	2247.999	29348.81	4992.871	2348.233

Sample Name: LR CHECK 1 Acquired: 08/22/2019 10:55:06 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0142684	-.098625	.2423791	.1822701	.0280596	1873.176	.0918488
Stddev	.0019692	.009999	.0016071	.0047614	.0023410	28.896	.0009175
%RSD	13.80108	10.13833	.6630509	2.612293	8.343017	1.542636	.9988898

#1	.0149916	-.096193	.2430308	.1869112	.0254756	1848.196	.0908049
#2	.0157737	-.090066	.2405485	.1773968	.0286643	1866.509	.0925269
#3	.0120399	-.109615	.2435580	.1825024	.0300391	1904.823	.0922147

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102860	-.018872	1674.723	.0289234	.0742369	.3842086	987.4715
Stddev	.0000585	.000112	12.487	.0021556	.0001717	.0025928	6.5483
%RSD	.5689682	.5927578	.7455974	7.452604	.2313452	.6748447	.6631387

#1	.0103372	-.018809	1670.102	.0305143	.0744123	.3829740	981.6889
#2	.0102986	-.019001	1665.206	.0297858	.0740691	.3824638	986.1437
#3	.0102222	-.018806	1688.862	.0264702	.0742294	.3871880	994.5820

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000514	1799.725	.1547108	-.007811	1825.482	.0135301	.1025943
Stddev	.000837	6.702	.0017078	.001613	12.857	.0010113	.0014781
%RSD	162.9197	.3723968	1.103831	20.64502	.7043304	7.474496	1.440688

#1	-.000942	1799.230	.1558349	-.009624	1822.329	.0133124	.1022052
#2	-.001049	1793.284	.1527457	-.007275	1814.495	.0126453	.1013498
#3	.000451	1806.661	.1555519	-.006536	1839.623	.0146325	.1042280

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1073.489	-.085989	^ *****	.0062806	.1574059	-.009221	.0070960
Stddev	6.307	.004546	-----	.0007510	.0028887	.001779	.0025409
%RSD	.5875565	5.287133	-----	11.95814	1.835217	19.29009	35.80751

#1	1073.267	-.083950	^ -----	.0065445	.1603592	-.007325	.0043489
#2	1067.296	-.082820	^ -----	.0068641	.1545864	-.010853	.0075772
#3	1079.904	-.091198	^ -----	.0054333	.1572720	-.009483	.0093619

Sample Name: LR CHECK 1 Acquired: 08/22/2019 10:55:06 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.034757	.0122290	.0138444
Stddev	.001059	.0026039	.0000559
%RSD	3.045918	21.29255	.4034302

#1	-.035624	.0092361	.0138432
#2	-.035070	.0134769	.0137891
#3	-.033577	.0139741	.0139008

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1173.861	2018.638	25942.09	4601.424	2142.133
Stddev	12.162	8.576	79.40	25.910	6.226
%RSD	1.036101	.4248300	.3060558	.5630869	.2906412

#1	1178.663	2026.227	25925.65	4613.612	2143.461
#2	1182.888	2020.353	26028.42	4618.993	2147.587
#3	1160.030	2009.335	25872.20	4571.668	2135.350

Sample Name: LR CHECK 2 Acquired: 08/22/2019 10:59:09 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	-.002325	.0228458	269.7336	.0185049	-.011524	-.223824	99.62252
Stddev	.001521	.0011570	.5541	.0033522	.001942	.045659	1.28631
%RSD	65.41947	5.064276	.2054257	18.11513	16.85106	20.39973	1.291179

#1	-.003728	.0218588	269.2323	.0161632	-.011145	-.172871	98.31557
#2	-.002536	.0225597	269.6400	.0170067	-.013627	-.237568	100.8871
#3	-.000709	.0241190	270.3286	.0223450	-.009799	-.261033	99.6649

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003307	.0017480	.4053156	-.145329	.0015851	253.4783	-.403697
Stddev	.000090	.0000570	.0361457	.002384	.0002097	4.4189	.034898
%RSD	2.710381	3.260624	8.917925	1.640502	13.23148	1.743297	8.644574

#1	-.003303	.0017692	.4363781	-.142630	.0018243	248.4377	-.363422
#2	-.003399	.0016835	.4139269	-.147147	.0014979	256.6846	-.422672
#3	-.003220	.0017914	.3656419	-.146211	.0014329	255.3126	-.424995

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.76921	-.028109	52.63171	-.000411	.8126173	-.018940	34.52486
Stddev	.46472	.042374	.04359	.000290	.2940094	.000754	.07968
%RSD	1.038028	150.7477	.0828288	70.59652	36.18054	3.978579	.2307843

#1	45.00975	.015454	52.64469	-.000112	.9330786	-.019255	34.46117
#2	45.06435	-.030597	52.58310	-.000430	.4775079	-.018080	34.49919
#3	44.23353	-.069185	52.66734	-.000692	1.027265	-.019485	34.61420

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.204214	-.868701	-.005026	-.036989	-.736184	.0070832	-.007377
Stddev	.087281	.016665	.000277	.001229	.007763	.0009511	.001574
%RSD	42.74007	1.918326	5.513111	3.323261	1.054452	13.42763	21.33486

#1	-.136908	-.850008	-.004751	-.035780	-.731366	.0081604	-.005562
#2	-.172903	-.882002	-.005022	-.036951	-.745139	.0067297	-.008367
#3	-.302832	-.874094	-.005305	-.038238	-.732046	.0063594	-.008202

Sample Name: LR CHECK 2 Acquired: 08/22/2019 10:59:09 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0031588	.0036002	.0004219
Stddev	.0002270	.0014683	.0001190
%RSD	7.185603	40.78494	28.20098

#1	.0034118	.0050522	.0003025
#2	.0030915	.0036322	.0004229
#3	.0029730	.0021161	.0005404

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1336.122	1491.437	30974.29	5200.411	2496.248
Stddev	6.138	2.587	97.34	13.444	4.496
%RSD	.4594091	.1734550	.3142574	.2585205	.1800963

#1	1339.463	1490.869	31000.20	5193.954	2500.569
#2	1329.038	1489.181	30866.62	5191.413	2496.578
#3	1339.866	1494.261	31056.05	5215.865	2491.596

Sample Name: PB122435BS Acquired: 08/22/2019 11:02:58 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.8136391	2.063997	1.048543	1.924606	.8453525	2.087411
Stddev	.0030443	.003530	.001787	.010003	.0052727	.026821
%RSD	.3741633	.1710197	.1704491	.5197529	.6237317	1.284915

#1	.8125384	2.059980	1.049972	1.915414	.8401428	2.057824
#2	.8112981	2.065410	1.046539	1.923145	.8452287	2.094275
#3	.8170806	2.066602	1.049118	1.935260	.8506861	2.110133

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2183278	.1975712	.2190051	1.015587	.4309037	.2134258
Stddev	.0004497	.0013084	.0005451	.015671	.0018318	.0010082
%RSD	.2059519	.6622526	.2489140	1.543027	.4251138	.4723764

#1	.2187917	.1962718	.2183818	1.005529	.4290581	.2127980
#2	.2182979	.1975533	.2193929	1.007589	.4327215	.2145887
#3	.2178939	.1988884	.2192406	1.033643	.4309314	.2128907

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3474618	3.319517	.2159152	2.062651	.5408231	.0761046
Stddev	.0041033	.041827	.0019449	.047861	.0027511	.0001944
%RSD	1.180940	1.260030	.9007756	2.320381	.5086800	.2553980

#1	.3486436	3.274210	.2150635	2.008761	.5384288	.0762707
#2	.3428973	3.327680	.2145414	2.078988	.5402123	.0761523
#3	.3508445	3.356660	.2181406	2.100205	.5438282	.0758908

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.160080	.3210260	.2297431	10.09933	F 6.518032	.2833045
Stddev	.219349	.0069876	.0004682	.01908	.032522	.0028157
%RSD	6.941259	2.176652	.2037976	.1888947	.4989578	.9938854

#1	2.999885	.3141899	.2297923	10.07882	6.482981	.2809622
#2	3.070275	.3207321	.2292523	10.10263	6.523884	.2825229
#3	3.410081	.3281559	.2301848	10.11655	6.547231	.2864285

Sample Name: PB122435BS Acquired: 08/22/2019 11:02:58 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.4113061	F -.012797	.9199300	.7337514	.1993031	F .1128765
Stddev	.0017601	.000781	.0100451	.0037474	.0018081	.0010635
%RSD	.4279304	6.101097	1.091946	.5107251	.9071898	.9421330

#1	.4100203	-.011959	.9088936	.7319974	.1984828	.1116603
#2	.4105858	-.012927	.9223574	.7312027	.1980505	.1133376
#3	.4133120	-.013504	.9285390	.7380542	.2013758	.1136316

Elem	Sr4077
Units	ppm
Avg	.2133027
Stddev	.0028243
%RSD	1.324091

#1	.2108866
#2	.2126137
#3	.2164077

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1371.358	2208.347	29045.96	4969.306	2360.500
Stddev	3.688	7.760	157.68	13.706	8.512
%RSD	.2689218	.3513849	.5428632	.2758134	.3606133

#1	1368.226	2199.395	28864.22	4982.246	2351.912
#2	1370.426	2212.493	29146.39	4970.728	2360.653
#3	1375.423	2213.153	29127.26	4954.945	2368.935

Sample Name: PB122436BS Acquired: 08/22/2019 11:06:39 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.8148464	1.957227	.9907852	2.017703	.7962969	1.982238
Stddev	.0029087	.011618	.0043599	.004791	.0038841	.017583
%RSD	.3569568	.5935851	.4400408	.2374622	.4877657	.8870073

#1	.8157261	1.944166	.9857835	2.022096	.7921312	1.964466
#2	.8115994	1.966408	.9937816	2.018420	.7998189	1.999625
#3	.8172136	1.961108	.9927906	2.012594	.7969406	1.982623

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2023484	.1984467	.2096945	.9298518	.4100545	.2026162
Stddev	.0020662	.0011409	.0005780	.0109112	.0014905	.0009313
%RSD	1.021133	.5749045	.2756345	1.173431	.3634774	.4596270

#1	.2000426	.1971714	.2090271	.9196577	.4090506	.2015711
#2	.2040322	.1987983	.2100312	.9413609	.4117671	.2033581
#3	.2029704	.1993703	.2100251	.9285367	.4093459	.2029195

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3185391	3.157152	.2024177	1.964465	.5131124	.0734712
Stddev	.0012047	.041066	.0024167	.057019	.0018581	.0003304
%RSD	.3781822	1.300742	1.193902	2.902502	.3621252	.4497052

#1	.3191208	3.109971	.1996762	1.898632	.5110971	.0733046
#2	.3193426	3.184851	.2042392	1.998199	.5147575	.0738518
#3	.3171540	3.176636	.2033378	1.996564	.5134826	.0732573

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.068128	.3012256	.2075463	9.638039	F 6.497393	.2844249
Stddev	.197380	.0007254	.0012115	.079795	.037818	.0035215
%RSD	6.433256	.2408188	.5837301	.8279127	.5820416	1.238123

#1	2.967196	.3012483	.2087466	9.660038	6.454743	.2804231
#2	3.295564	.3004891	.2063239	9.704526	6.510603	.2858006
#3	2.941623	.3019394	.2075683	9.549553	6.526834	.2870509

Sample Name: PB122436BS Acquired: 08/22/2019 11:06:39 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.3879460	F -.012047	.9230711	.6958436	.1877235	F .1053547
Stddev	.0010745	.002776	.0067106	.0034940	.0011687	.0024862
%RSD	.2769633	23.04363	.7269814	.5021275	.6225763	2.359815

#1	.3867057	-.012469	.9156907	.6934476	.1866427	.1028493
#2	.3885927	-.014587	.9288056	.6998528	.1875641	.1078212
#3	.3885395	-.009084	.9247169	.6942305	.1889638	.1053937

Elem	Sr4077
Units	ppm
Avg	.2005566
Stddev	.0018457
%RSD	.9202723

#1	.1985138
#2	.2021040
#3	.2010521

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1405.738	2256.233	29512.47	5006.351	2409.354
Stddev	11.127	3.845	133.35	7.972	4.033
%RSD	.7915211	.1704365	.4518428	.1592472	.1673995

#1	1395.568	2256.396	29392.53	5009.925	2411.204
#2	1417.622	2252.308	29488.83	5011.911	2404.728
#3	1404.022	2259.993	29656.06	4997.217	2412.131

Sample Name: K4421-20 Acquired: 08/22/2019 11:18:04 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: SUNSET-PARK- Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005848	-.005368	.0217893	.0093925	.0027340	.0566009	.2674189
Stddev	.0031777	.002229	.0005046	.0026158	.0007077	.0035166	.0027506
%RSD	543.3645	41.51550	2.315776	27.85056	25.88627	6.212907	1.028583

#1	.0041527	-.003198	.0223665	.0078288	.0020697	.0531889	.2646012
#2	-.001941	-.007651	.0215690	.0079362	.0026539	.0602135	.2675584
#3	-.000457	-.005255	.0214323	.0124124	.0034783	.0564004	.2700972

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000191	.0010464	132.9632	.0011496	.0097797	.0117144	.0195529
Stddev	.000061	.0001054	1.3945	.0004077	.0004499	.0027328	.0089110
%RSD	31.89900	10.07676	1.048815	35.46727	4.599855	23.32857	45.57410

#1	-.000134	.0010645	131.5714	.0012191	.0102679	.0087391	.0263410
#2	-.000183	.0011416	132.9577	.0015181	.0093818	.0141126	.0094620
#3	-.000256	.0009330	134.3605	.0007116	.0096895	.0122913	.0228557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9039711	6.626821	.0197441	.0001218	301.9334	.0011991	.2253202
Stddev	.0083252	.086630	.0009484	.0001533	4.0534	.0034389	.0002606
%RSD	.9209552	1.307260	4.803432	125.8535	1.342490	286.7978	.1156641

#1	.8959179	6.545480	.0199355	.0002364	297.8173	.0001861	.2250309
#2	.9034514	6.617067	.0187145	.0001814	302.0619	-.001620	.2255366
#3	.9125439	6.717914	.0205821	-.000052	305.9211	.005031	.2253930

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.218237	.0069716	.0676580	.0013606	3.322621	3.513484	-.005508
Stddev	.076692	.0029373	.0010401	.0003968	.008203	.020611	.000373
%RSD	3.457322	42.13280	1.537323	29.16097	.2468935	.5866382	6.767591

#1	2.133545	.0035926	.0668993	.0009654	3.321968	3.502406	-.005081
#2	2.238179	.0089153	.0672311	.0013575	3.314763	3.500781	-.005768
#3	2.282989	.0084069	.0688437	.0017590	3.331131	3.537266	-.005675

Sample Name: K4421-20 Acquired: 08/22/2019 11:18:04 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SUNSET-PARK- Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003135	.0002184	.3470785
Stddev	.000767	.0006625	.0053504
%RSD	24.47284	303.3751	1.541553

#1	-.003890	-.000502	.3420477
#2	-.002356	.000355	.3464883
#3	-.003159	.000802	.3526996

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1349.059	2232.452	28906.66	5056.781	2460.796
Stddev	8.274	2.836	164.91	7.966	3.249
%RSD	.6133136	.1270318	.5704985	.1575350	.1320206

#1	1348.206	2229.513	28818.26	5062.940	2461.975
#2	1341.245	2232.670	28804.80	5047.784	2457.123
#3	1357.726	2235.173	29096.93	5059.618	2463.292

Sample Name: K4421-21 Acquired: 08/22/2019 11:21:50 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SUNSET-PARK- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031408	-.000886	.0244731	.0055907	.0002712	.0440561	.3955098
Stddev	.0015041	.005000	.0006757	.0018279	.0005822	.0047838	.0020587
%RSD	47.88850	564.1858	2.760898	32.69517	214.7325	10.85843	.5205219

#1	.0043942	.000741	.0251321	.0048981	.0004317	.0432363	.3931754
#2	.0035552	-.006497	.0237819	.0042103	.0007563	.0491968	.3962881
#3	.0014729	.003097	.0245055	.0076637	-.000375	.0397351	.3970659

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000640	.0009006	16.32522	.0010445	.0022476	.0302925	-.012851
Stddev	.0000463	.0001118	.11082	.0003097	.0003218	.0011659	.002161
%RSD	72.41918	12.41546	.6788566	29.65388	14.31570	3.848886	16.81184

#1	.0000218	.0008994	16.20208	.0008000	.0023287	.0311508	-.010366
#2	.0001135	.0010129	16.35666	.0013928	.0025211	.0289651	-.013900
#3	.0000566	.0007893	16.41694	.0009407	.0018931	.0307615	-.014287

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2212229	2.106497	.0078238	-.000027	285.1721	-.001789	.2706331
Stddev	.0017314	.019747	.0000147	.000122	1.2036	.000563	.0009496
%RSD	.7826304	.9374206	.1878187	444.7563	.4220444	31.49955	.3508786

#1	.2195355	2.096791	.0078358	-.000073	283.9979	-.002192	.2695374
#2	.2211380	2.093483	.0078281	-.000120	285.1154	-.001145	.2712182
#3	.2229951	2.129219	.0078074	.000111	286.4030	-.002029	.2711436

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4967727	.0125258	.0593983	.0002001	.6890534	.7995613	-.002757
Stddev	.0646747	.0005757	.0004310	.0002792	.0046812	.0055334	.001286
%RSD	13.01897	4.596512	.7255897	139.5624	.6793592	.6920520	46.62674

#1	.5345300	.0131428	.0594250	-.000112	.6901687	.8056298	-.001323
#2	.5336937	.0120030	.0589546	.000288	.6839153	.7982582	-.003143
#3	.4220943	.0124315	.0598153	.000425	.6930761	.7947957	-.003806

Sample Name: K4421-21 Acquired: 08/22/2019 11:21:50 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: SUNSET-PARK- Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000273	-.000364	.1041183
Stddev	.001624	.000627	.0009908
%RSD	595.5684	171.9515	.9516008

#1	-.002101	-.000407	.1032163
#2	.001001	.000283	.1039599
#3	.000282	-.000968	.1051788

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1432.121	2327.495	30228.64	5214.408	2540.489
Stddev	15.794	5.224	131.78	7.121	8.058
%RSD	1.102845	.2244298	.4359537	.1365727	.3171874

#1	1449.913	2331.917	30327.16	5206.391	2546.381
#2	1426.695	2328.838	30279.82	5220.000	2543.779
#3	1419.755	2321.732	30078.95	5216.833	2531.306

Sample Name: K4421-21DUP Acquired: 08/22/2019 11:25:38 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SUNSET-PARK- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009682	-.004058	.0232038	.0068816	.0004784	.0441681	.4239005
Stddev	.0003639	.002906	.0019386	.0006356	.0013678	.0017495	.0030612
%RSD	37.58548	71.60996	8.354500	9.235567	285.8908	3.960921	.7221529

#1	.0008197	-.001332	.0251079	.0074141	-.000063	.0461811	.4210835
#2	.0007021	-.007115	.0232710	.0061780	-.000536	.0430146	.4234598
#3	.0013829	-.003726	.0212325	.0070526	.002034	.0433087	.4271581

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000010	.0009515	17.18485	.0010069	.0021343	.0320914	-.009666
Stddev	.0000751	.0000286	.18163	.0009355	.0002531	.0038776	.007934
%RSD	7507.702	3.008591	1.056943	92.90446	11.85712	12.08304	82.07391

#1	-.000025	.0009213	16.98847	.0011368	.0024045	.0276180	-.002415
#2	-.000057	.0009551	17.21925	.0000133	.0020954	.0344934	-.018140
#3	.000086	.0009782	17.34682	.0018707	.0019029	.0341629	-.008445

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2352341	2.222998	.0082292	.0003539	304.1536	.0001275	.2842899
Stddev	.0026253	.027903	.0003616	.0002046	2.8349	.0016531	.0017129
%RSD	1.116021	1.255188	4.394493	57.80174	.9320681	1297.098	.6025344

#1	.2324514	2.192130	.0082342	.0005718	301.8330	.0004075	.2851452
#2	.2376668	2.230434	.0078651	.0003240	303.3145	.0016227	.2823177
#3	.2355841	2.246430	.0085883	.0001659	307.3134	-.001648	.2854068

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7516847	.0136379	.0626169	.0002834	.7151812	.8378854	-.001656
Stddev	.0161279	.0023726	.0007618	.0003677	.0025589	.0057154	.001280
%RSD	2.145573	17.39713	1.216565	129.7278	.3577955	.6821237	77.30919

#1	.7363949	.0136964	.0632737	.0004637	.7178521	.8328305	-.002702
#2	.7501221	.0159807	.0617818	-.000140	.7127514	.8440873	-.002038
#3	.7685370	.0112366	.0627951	.000526	.7149399	.8367383	-.000228

Sample Name: K4421-21DUP Acquired: 08/22/2019 11:25:38 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: SUNSET-PARK- Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007075	.0027258	.1107466
Stddev	.0007683	.0009838	.0009336
%RSD	108.6010	36.08995	.8430460

#1	.0012672	.0019846	.1100269
#2	-.000169	.0023510	.1104113
#3	.001024	.0038419	.1118016

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1409.022	2303.787	29901.42	5137.709	2517.447
Stddev	14.459	3.646	80.77	6.362	3.551
%RSD	1.026183	.1582718	.2701069	.1238376	.1410473

#1	1398.625	2301.253	29811.64	5144.408	2516.428
#2	1425.534	2307.966	29968.15	5131.747	2521.395
#3	1402.906	2302.141	29924.49	5136.972	2514.516

Sample Name: K4421-21LX5 Acquired: 08/22/2019 11:29:27 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	-.001429	.0012670	.0047953	.0013938	-.001035	.0121316	.0846923
Stddev	.001683	.0007253	.0019205	.0003586	.001784	.0044903	.0014856
%RSD	117.7331	57.24230	40.04946	25.72986	172.3235	37.01329	1.754059

#1	.000481	.0004383	.0027533	.0012345	-.001328	.0173003	.0830675
#2	-.002077	.0017860	.0050673	.0018045	-.002655	.0099023	.0850283
#3	-.002691	.0015767	.0065653	.0011425	.000877	.0091922	.0859811

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000324	.0002463	3.412235	-.000098	.0003445	.0147687	-.004195
Stddev	.0000476	.0000777	.052681	.000207	.0004906	.0009593	.014693
%RSD	146.9252	31.54623	1.543883	212.2261	142.3952	6.495721	350.2776

#1	.0000041	.0002893	3.353948	-.000280	.0008624	.0154574	-.016265
#2	.0000057	.0002930	3.426303	-.000141	.0002842	.0136729	.012167
#3	.0000873	.0001566	3.456453	.000128	-.000113	.0151756	-.008486

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0469535	.4334765	.0020399	-.000067	60.63077	.0004019	.0559705
Stddev	.0002484	.0171285	.0002664	.000664	.36180	.0006940	.0013764
%RSD	.5290770	3.951437	13.05961	990.0311	.5967292	172.6778	2.459089

#1	.0466680	.4470309	.0019628	.000506	60.21678	-.000297	.0552572
#2	.0471203	.4142255	.0023363	.000088	60.78919	.000411	.0550972
#3	.0470722	.4391731	.0018205	-.000795	60.88634	.001091	.0575571

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1252458	.0045584	.0086077	-.000073	.1432570	.1684691	-.003586
Stddev	.0588723	.0014161	.0006569	.000467	.0021875	.0019718	.001249
%RSD	47.00544	31.06526	7.631585	643.0569	1.526967	1.170417	34.82456

#1	.0584091	.0029957	.0090457	-.000232	.1427453	.1702425	-.002269
#2	.1694156	.0057566	.0078524	-.000439	.1413706	.1663458	-.003735
#3	.1479127	.0049229	.0089249	.000454	.1456549	.1688191	-.004753

Sample Name: K4421-21LX5 Acquired: 08/22/2019 11:29:27 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000045	.0009174	.0221843
Stddev	.000481	.0012866	.0002046
%RSD	1057.027	140.2396	.9223198

#1	-.000598	.0023825	.0221021
#2	.000279	.0003985	.0220335
#3	.000183	-.000029	.0224172

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1423.161	2286.374	29781.63	5126.924	2458.463
Stddev	5.277	3.007	96.74	31.616	4.556
%RSD	.3707930	.1315303	.3248164	.6166647	.1853093

#1	1428.820	2283.218	29759.19	5136.542	2453.561
#2	1422.287	2289.207	29698.09	5152.615	2462.568
#3	1418.375	2286.696	29887.62	5091.617	2459.260

Sample Name: K4421-21MS Acquired: 08/22/2019 11:33:18 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SUNSET-PARK- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8466725	2.290033	1.116240	2.089665	.8764309	2.180584	.6617838
Stddev	.0015618	.008023	.000545	.006246	.0037986	.011586	.0037647
%RSD	.1844626	.3503437	.0488587	.2988948	.4334163	.5313399	.5688646

#1	.8481604	2.280818	1.115711	2.094969	.8803556	2.175774	.6580447
#2	.8450460	2.293819	1.116801	2.082781	.8727724	2.193801	.6655735
#3	.8468112	2.295463	1.116210	2.091246	.8761646	2.172177	.6617332

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2046223	.2141625	18.95859	.4318085	.2187663	.3524749	3.360834
Stddev	.0009400	.0005601	.14698	.0020460	.0006565	.0025220	.014914
%RSD	.4593748	.2615383	.7752441	.4738140	.3001139	.7155152	.4437597

#1	.2047851	.2136648	18.78892	.4296496	.2183720	.3550885	3.344829
#2	.2036116	.2140537	19.04674	.4320570	.2184026	.3522806	3.363331
#3	.2054703	.2147690	19.04012	.4337189	.2195242	.3500557	3.374342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4635786	4.395046	.5449873	.0818051	319.4479	.3240917	.5127078
Stddev	.0033296	.028903	.0011218	.0003659	1.0679	.0029566	.0023102
%RSD	.7182294	.6576216	.2058415	.4473384	.3342861	.9122577	.4505853

#1	.4603160	4.409315	.5436989	.0815402	318.3151	.3223406	.5141342
#2	.4669713	4.414039	.5455152	.0816524	320.4361	.3275052	.5100424
#3	.4634485	4.361783	.5457478	.0822226	319.5925	.3224292	.5139468

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.59207	6.546228	.3633253	.4197924	.7201677	1.855111	.7504946
Stddev	.07974	.014295	.0016005	.0017259	.0052312	.006704	.0021030
%RSD	.6878781	.2183663	.4405224	.4111320	.7263825	.3613867	.2802175

#1	11.53641	6.549132	.3633364	.4217567	.7242651	1.851235	.7480704
#2	11.68342	6.530705	.3617193	.4185189	.7219626	1.851246	.7518302
#3	11.55638	6.558849	.3649203	.4191015	.7142753	1.862853	.7515832

Sample Name: K4421-21MS Acquired: 08/22/2019 11:33:18 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SUNSET-PARK- Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2073501	.1179655	.3309138
Stddev	.0004968	.0015824	.0011067
%RSD	.2395720	1.341430	.3344428

#1	.2068464	.1171260	.3300935
#2	.2073643	.1169797	.3321725
#3	.2078396	.1197908	.3304753

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1368.949	2249.637	29258.72	5033.333	2478.487
Stddev	12.257	8.158	107.71	28.841	2.289
%RSD	.8953810	.3626438	.3681154	.5730000	.0923451

#1	1354.814	2240.247	29170.42	5000.732	2476.511
#2	1375.378	2254.982	29227.03	5055.524	2480.995
#3	1376.653	2253.682	29378.72	5043.742	2477.956

Sample Name: K4421-21MSD Acquired: 08/22/2019 11:36:56 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SUNSET-PARK- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8361428	2.243721	1.096144	2.060936	.8605937	2.141533	.6338467
Stddev	.0022452	.007018	.001090	.011810	.0015156	.039909	.0084562
%RSD	.2685177	.3127696	.0994009	.5730547	.1761068	1.863559	1.334106

#1	.8386526	2.251039	1.097103	2.074239	.8619950	2.107729	.6248072
#2	.8354507	2.237049	1.094959	2.056882	.8589852	2.131311	.6351692
#3	.8343253	2.243075	1.096370	2.051687	.8608010	2.185558	.6415637

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2018949	.2103756	18.15204	.4256360	.2141326	.3470671	3.278573
Stddev	.0001773	.0002496	.26869	.0019398	.0003387	.0049952	.030957
%RSD	.0878137	.1186253	1.480203	.4557301	.1581677	1.439276	.9442185

#1	.2017686	.2105952	17.85392	.4277861	.2137491	.3412991	3.244860
#2	.2018186	.2104273	18.22671	.4251044	.2143906	.3499687	3.285136
#3	.2020976	.2101042	18.37550	.4240175	.2142582	.3499334	3.305722

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4460294	4.240286	.5369083	.0813927	305.9563	.3202501	.5003599
Stddev	.0057480	.095204	.0003696	.0010087	4.7836	.0023912	.0013668
%RSD	1.288710	2.245217	.0688377	1.239328	1.563487	.7466787	.2731583

#1	.4402396	4.133789	.5365651	.0824120	300.5465	.3178640	.4999514
#2	.4461140	4.269922	.5372996	.0803949	307.6952	.3226464	.4992439
#3	.4517347	4.317147	.5368604	.0813711	309.6272	.3202398	.5018843

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.33347	6.439948	.3590001	.4112090	.6936536	1.809733	.7375593
Stddev	.23916	.016017	.0003632	.0005003	.0036130	.005442	.0001814
%RSD	2.110215	.2487079	.1011631	.1216687	.5208629	.3006860	.0245963

#1	11.14136	6.438372	.3588384	.4106628	.6906178	1.809585	.7374410
#2	11.25773	6.456694	.3587458	.4116451	.6976497	1.804366	.7374686
#3	11.60134	6.424777	.3594160	.4113191	.6926933	1.815246	.7377681

Sample Name: K4421-21MSD Acquired: 08/22/2019 11:36:56 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SUNSET-PARK- Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2035757	.1167158	.3240619
Stddev	.0040589	.0027260	.0055326
%RSD	1.993792	2.335594	1.707269

#1	.1989245	.1141083	.3179856
#2	.2054016	.1164927	.3253918
#3	.2064009	.1195466	.3288084

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1371.916	2255.936	29329.00	5034.595	2481.779
Stddev	5.284	2.458	41.71	13.440	2.030
%RSD	.3851294	.1089689	.1422095	.2669457	.0817966

#1	1377.869	2256.586	29352.96	5044.809	2480.424
#2	1370.096	2253.218	29353.20	5039.608	2480.800
#3	1367.783	2258.004	29280.84	5019.370	2484.113

Sample Name: CCV02 Acquired: 08/22/2019 11:48:16 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.037955	4.961162	4.966198	5.093884	4.975040	9.571723	9.989732
Stddev	.025615	.024419	.003615	.007463	.008436	.042195	.020977
%RSD	.5084464	.4921937	.0727930	.1465132	.1695762	.4408302	.2099831

#1	5.063504	4.974272	4.970091	5.099212	4.976483	9.534372	9.997087
#2	5.012274	4.976226	4.965556	5.097086	4.965975	9.563305	9.966068
#3	5.038086	4.932989	4.962947	5.085354	4.982662	9.617493	10.00604

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2435517	2.506506	24.49573	.9889069	2.491319	1.215099	4.951372
Stddev	.0015387	.004083	.05707	.0064502	.000986	.005641	.029681
%RSD	.6317867	.1628963	.2329722	.6522595	.0395848	.4642606	.5994504

#1	.2451436	2.505841	24.44677	.9861522	2.490431	1.209772	4.918930
#2	.2420724	2.510880	24.48200	.9842914	2.492380	1.221010	4.958025
#3	.2434392	2.502796	24.55841	.9962771	2.491145	1.214516	4.977163

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.465733	24.13715	2.476895	1.260481	23.98485	2.408103	2.508914
Stddev	.009527	.14703	.001965	.005029	.05903	.006334	.000594
%RSD	.3863592	.6091631	.0793156	.3990103	.2461213	.2630464	.0236724

#1	2.456024	23.97290	2.476818	1.257214	23.99957	2.409311	2.508962
#2	2.466109	24.18206	2.474970	1.257956	24.03513	2.401251	2.508297
#3	2.475066	24.25649	2.478896	1.266273	23.91985	2.413746	2.509482

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.81401	5.175045	4.849684	4.974991	5.117410	4.746422	4.996050
Stddev	.04377	.022975	.042181	.002435	.030458	.033878	.004775
%RSD	.1837883	.4439546	.8697728	.0489547	.5951936	.7137550	.0955808

#1	23.76361	5.199535	4.893538	4.974473	5.139173	4.769408	4.994762
#2	23.84249	5.171634	4.809402	4.972856	5.130456	4.707517	5.001338
#3	23.83593	5.153967	4.846112	4.977644	5.082602	4.762342	4.992051

Sample Name: CCV02 Acquired: 08/22/2019 11:48:16 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.842307	4.906356	4.859929
Stddev	.016272	.014944	.064415
%RSD	.3360364	.3045924	1.325432

#1	4.823569	4.896692	4.852208
#2	4.850483	4.898806	4.799723
#3	4.852870	4.923569	4.927857

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1393.157	2256.011	29643.33	5079.081	2443.426
Stddev	5.418	2.815	93.24	28.876	1.617
%RSD	.3888808	.1247647	.3145327	.5685210	.0661880

#1	1396.548	2255.370	29738.43	5045.795	2441.578
#2	1386.908	2259.091	29639.48	5097.412	2444.122
#3	1396.013	2253.572	29552.07	5094.036	2444.579

Sample Name: CCB02 Acquired: 08/22/2019 11:51:54 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CFVP-228L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000835	.0036549	.0008960	-.000413	.0015259	.0000295
Stddev	.002175	.0025369	.0005158	.001033	.0008607	.0032750
%RSD	260.5892	69.41057	57.56216	250.1611	56.40554	11089.12

#1	.000767	.0063562	.0014787	-.001343	.0005342	.0025201
#2	-.003311	.0013230	.0004980	-.000596	.0019653	.0012487
#3	.000040	.0032855	.0007113	.000699	.0020782	-.003680

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005194	.0000954	.0000498	-.007433	-.000345	-.000176
Stddev	.0005918	.0000797	.0000860	.007704	.000357	.000066
%RSD	113.9420	83.46706	172.6809	103.6545	103.4477	37.22908

#1	.0010493	.0001207	.0000447	.001332	-.000564	-.000101
#2	.0006279	.0000062	.0001383	-.013133	-.000537	-.000212
#3	-.000119	.0001594	-.000034	-.010497	.000067	-.000216

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048787	-.011918	.0002033	-.016714	.0001155	.0001296
Stddev	.0019660	.007743	.0001479	.014101	.0002274	.0000617
%RSD	40.29752	64.97130	72.75774	84.36713	196.8520	47.58973

#1	.0042721	-.017217	.0001834	-.032203	.0002101	.0001631
#2	.0070764	-.015506	.0003602	-.004621	-.000144	.0001673
#3	.0032874	-.003032	.0000664	-.013318	.000280	.0000584

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1433378	.0010975	-.000247	-.134175	-.001342	.0053023
Stddev	.3594979	.0020908	.000214	.119215	.000746	.0009021
%RSD	250.8046	190.5124	86.60422	88.85058	55.56871	17.01276

#1	-.110272	.0012678	-.000117	-.232727	-.000652	.0062013
#2	-.014463	-.001073	-.000130	-.168134	-.001241	.0053082
#3	.554748	.003098	-.000493	-.001665	-.002134	.0043973

Sample Name: CCB02 Acquired: 08/22/2019 11:51:54 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CFVP-228L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001836	F -.010228	.0010184	-.000729	.0006254	-.001754
Stddev	.0006344	.002723	.0009457	.002071	.0003160	.001200
%RSD	345.6085	26.62277	92.86649	284.0636	50.53015	68.40466

#1	.0002053	-.013090	.0012781	.001618	.0002768	-.002214
#2	.0008069	-.007670	.0018071	-.001505	.0008931	-.002656
#3	-.000461	-.009923	-.000030	-.002301	.0007065	-.000392

Elem	Sr4077
Units	ppm
Avg	.0002863
Stddev	.0001098
%RSD	38.34078

#1	.0004128
#2	.0002310
#3	.0002152

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1407.443	2247.758	29430.13	5094.007	2350.870
Stddev	5.868	1.379	219.55	13.997	1.717
%RSD	.4169405	.0613490	.7460053	.2747661	.0730188

#1	1412.550	2246.412	29668.68	5107.462	2352.799
#2	1401.033	2249.168	29385.15	5079.525	2350.302
#3	1408.747	2247.692	29236.55	5095.033	2349.510

Sample Name: K4421-21A Acquired: 08/22/2019 11:56:52 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.8364331	2.265097	1.099567	2.068835	.8611033	2.116507	.6342353
Stddev	.0089218	.009769	.001429	.005750	.0017173	.026276	.0052744
%RSD	1.066647	.4312934	.1299647	.2779320	.1994304	1.241456	.8316111

#1	.8358762	2.260315	1.099783	2.070322	.8615931	2.091848	.6281459
#2	.8278028	2.276336	1.100875	2.062487	.8591943	2.113528	.6373740
#3	.8456202	2.258639	1.098042	2.073695	.8625224	2.144145	.6371859

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1998353	.2104016	18.14406	.4249571	.2148732	.3393062	3.240205
Stddev	.0002515	.0001029	.20699	.0008361	.0008440	.0042773	.022414
%RSD	.1258606	.0488843	1.140805	.1967491	.3927964	1.260599	.6917455

#1	.1997939	.2102881	17.90914	.4256259	.2140811	.3358668	3.229178
#2	.2001049	.2104282	18.22344	.4252256	.2157610	.3440956	3.225441
#3	.1996070	.2104885	18.29962	.4240197	.2147774	.3379562	3.265996

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4439460	4.221827	.5369787	.0815239	304.2175	.3182272	.4958359
Stddev	.0040554	.041738	.0011408	.0004163	2.4503	.0056968	.0021899
%RSD	.9134984	.9886281	.2124446	.5107029	.8054457	1.790152	.4416524

#1	.4392681	4.176631	.5358074	.0811025	301.3900	.3163605	.4933102
#2	.4464715	4.229931	.5380863	.0819350	305.7192	.3136980	.4972041
#3	.4460982	4.258919	.5370423	.0815341	305.5435	.3246231	.4969935

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.09179	6.498348	.3595281	.4124697	.6976262	1.794478	.7386532
Stddev	.10604	.008362	.0015299	.0008011	.0045598	.005626	.0037137
%RSD	.9559891	.1286804	.4255245	.1942287	.6536138	.3135365	.5027712

#1	10.98389	6.488816	.3603077	.4117838	.6989332	1.796497	.7360366
#2	11.09562	6.501785	.3605111	.4122751	.6925556	1.798816	.7370193
#3	11.19586	6.504445	.3577654	.4133502	.7013897	1.788120	.7429038

Sample Name: K4421-21A Acquired: 08/22/2019 11:56:52 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2011144	.1134736	.3198830
Stddev	.0023746	.0017627	.0019224
%RSD	1.180725	1.553398	.6009725

#1	.1985139	.1114616	.3176873
#2	.2031675	.1147458	.3206984
#3	.2016618	.1142134	.3212633

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1371.917	2260.791	29161.38	5055.085	2485.956
Stddev	5.177	4.221	46.66	12.887	5.054
%RSD	.3773859	.1866846	.1600140	.2549271	.2033041

#1	1375.862	2256.276	29157.01	5059.525	2482.926
#2	1373.834	2261.459	29117.05	5040.565	2483.152
#3	1366.054	2264.638	29210.07	5065.164	2491.791

Sample Name: K4418-02 Acquired: 08/22/2019 12:00:31 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CFVP-228L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076579	-.000601	.0090447	.0009956	-.000060	.0237752	.1556522
Stddev	.0010776	.002026	.0010931	.0004290	.001507	.0023690	.0017912
%RSD	14.07154	337.3235	12.08548	43.09368	2529.272	9.964156	1.150741

#1	.0074477	-.001258	.0090324	.0009978	.001399	.0217281	.1536577
#2	.0067009	-.002216	.0101438	.0014236	.000032	.0263701	.1571235
#3	.0088251	.001672	.0079578	.0005655	-.001610	.0232273	.1561754

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000078	-.000042	24.30908	.0005649	-.000731	.0005450	.1773597
Stddev	.000074	.000044	.21918	.0005154	.000184	.0018826	.0023857
%RSD	93.81054	102.7084	.9016536	91.23908	25.09621	345.4401	1.345136

#1	-.000162	-.000081	24.09034	-.000026	-.000877	.0027164	.1785555
#2	-.000023	.000005	24.52871	.000920	-.000792	-.000631	.1746125
#3	-.000051	-.000050	24.30820	.000801	-.000525	-.000450	.1789110

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0963372	4.594693	.0007801	-.000031	44.35529	.0000862	.0201058
Stddev	.0017153	.027853	.0004141	.000192	.37805	.0018362	.0001362
%RSD	1.780476	.6061917	53.08287	622.2628	.8523129	2129.577	.6776184

#1	.0944076	4.568897	.0012581	-.000252	44.25667	-.000810	.0202490
#2	.0976886	4.624225	.0005350	.000083	44.77287	-.001130	.0199778
#3	.0969156	4.590956	.0005470	.000077	44.03632	.002198	.0200906

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.871955	.0584838	.0876316	.0060781	.8681829	3.213839	-.004510
Stddev	.065509	.0009291	.0012666	.0002697	.0087320	.041511	.001521
%RSD	2.280991	1.588710	1.445392	4.437366	1.005778	1.291629	33.72752

#1	2.820640	.0584383	.0872004	.0063888	.8684921	3.209548	-.004892
#2	2.945742	.0575783	.0890575	.0059048	.8593004	3.257329	-.002834
#3	2.849482	.0594349	.0866369	.0059406	.8767562	3.174641	-.005803

Sample Name: K4418-02 Acquired: 08/22/2019 12:00:31 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CFVP-228L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009173	.0028694	.1469213
Stddev	.0011805	.0005477	.0018069
%RSD	128.6901	19.08662	1.229819

#1	.0012105	.0026610	.1453135
#2	.0019236	.0034906	.1488767
#3	-.000382	.0024564	.1465737

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1432.106	2302.410	29983.82	5221.056	2473.101
Stddev	7.268	4.027	245.62	39.390	2.596
%RSD	.5075066	.1749053	.8191636	.7544452	.1049884

#1	1431.648	2305.399	29823.92	5208.843	2471.500
#2	1439.593	2297.831	30266.62	5189.218	2471.706
#3	1425.078	2304.001	29860.90	5265.105	2476.096

Sample Name: K4418-02DUP Acquired: 08/22/2019 12:04:23 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CFVP-228LDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101119	-.001545	.0079864	.0043533	.0017656	.0195169	.1566745
Stddev	.0038396	.002646	.0015123	.0021141	.0023869	.0019670	.0011542
%RSD	37.97098	171.2487	18.93641	48.56341	135.1876	10.07867	.7366514

#1	.0060775	.001056	.0096766	.0058702	.0009138	.0208005	.1554657
#2	.0105369	-.004234	.0067611	.0019384	.0044615	.0204978	.1567929
#3	.0137214	-.001457	.0075214	.0052514	-.000079	.0172523	.1577649

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000091	-.000141	24.22943	.0005234	-.000605	.0004133	.1716166
Stddev	.000059	.000084	.19300	.0004346	.000137	.0016239	.0074580
%RSD	64.35751	59.51711	.7965528	83.04310	22.58677	392.8752	4.345753

#1	-.000123	-.000229	24.02026	.0005219	-.000456	.0000018	.1697981
#2	-.000023	-.000133	24.26741	.0000895	-.000634	-.000965	.1652359
#3	-.000127	-.000061	24.40062	.0009587	-.000725	.002203	.1798157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0957479	4.588448	.0009066	.0000451	44.38502	.0018720	.0202385
Stddev	.0006080	.022002	.0002773	.0004318	.35230	.0013502	.0004532
%RSD	.6349609	.4795037	30.58254	958.2258	.7937250	72.12536	2.239299

#1	.0957059	4.572686	.0008023	-.000045	44.07730	.0024805	.0205588
#2	.0951620	4.579073	.0012209	.000515	44.76930	.0028108	.0197200
#3	.0963758	4.613584	.0006967	-.000335	44.30846	.0003247	.0204368

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.943643	.0587111	.0839949	.0060416	.8629736	3.169123	-.004269
Stddev	.084079	.0015727	.0003254	.0004848	.0066759	.008417	.001417
%RSD	2.856286	2.678627	.3874541	8.024039	.7735891	.2655984	33.19718

#1	2.919910	.0603312	.0840632	.0065955	.8552735	3.165737	-.005557
#2	2.873982	.0571907	.0842808	.0058348	.8671372	3.178706	-.004500
#3	3.037038	.0586115	.0836408	.0056946	.8665101	3.162926	-.002751

Sample Name: K4418-02DUP Acquired: 08/22/2019 12:04:23 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CFVP-228LDUP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001262	.0022956	.1462566
Stddev	.0003440	.0000444	.0013510
%RSD	272.5654	1.933864	.9237207

#1	.0000261	.0022499	.1450030
#2	.0005092	.0023386	.1460792
#3	-.000157	.0022983	.1476875

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1430.414	2294.369	29877.86	5267.916	2462.908
Stddev	7.410	4.076	93.05	12.442	4.236
%RSD	.5180292	.1776700	.3114463	.2361812	.1719951

#1	1428.300	2291.153	29804.79	5254.305	2459.415
#2	1438.652	2293.000	29982.62	5278.704	2467.620
#3	1424.291	2298.954	29846.17	5270.738	2461.688

Sample Name: K4418-02LX5 Acquired: 08/22/2019 12:08:14 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0025387	-.000347	.0015073	.0004618	.0003013	.0011304	.0321834
Stddev	.0008110	.002820	.0005389	.0006921	.0010104	.0044361	.0006527
%RSD	31.94703	813.5782	35.75068	149.8868	335.3945	392.4226	2.028068

#1	.0027864	-.001629	.0020200	-.000174	.0005260	-.000310	.0316026
#2	.0031970	.002887	.0009456	.000360	-.000803	-.002406	.0328898
#3	.0016327	-.002297	.0015562	.001199	.001180	.006108	.0320579

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000034	.0000359	4.948880	.0001964	-.000390	.0016410	.0317352
Stddev	.0000401	.0000845	.012154	.0002625	.000533	.0010421	.0005490
%RSD	1164.981	234.9602	.2455877	133.6657	136.6658	63.50273	1.729865

#1	-.000043	.0000009	4.934871	-.000069	-.000974	.0008141	.0316400
#2	.000031	.0001323	4.956607	.000203	.000068	.0028115	.0312401
#3	.000022	-.000025	4.955162	.000456	-.000262	.0012974	.0323256

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193942	.9415095	.0001206	.0003397	9.178546	.0010490	.0017642
Stddev	.0001247	.0038365	.0004231	.0002045	.278920	.0038972	.0003744
%RSD	.6427496	.4074796	350.8427	60.19730	3.038830	371.5337	21.21878

#1	.0192629	.9384923	-.000366	.0001438	9.231367	-.003449	.0021177
#2	.0194086	.9402091	.000403	.0003235	9.427280	.003413	.0013720
#3	.0195110	.9458272	.000325	.0005519	8.876992	.003183	.0018029

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5441283	.0123118	.0152181	.0007681	.1705430	.6620052	-.004049
Stddev	.0476117	.0027158	.0003028	.0003999	.0014006	.0036169	.001355
%RSD	8.750084	22.05878	1.989670	52.06341	.8212655	.5463613	33.47601

#1	.5869962	.0124835	.0155199	.0005968	.1706202	.6599237	-.005606
#2	.4928844	.0095142	.0149143	.0004825	.1691054	.6661817	-.003141
#3	.5525044	.0149378	.0152202	.0012252	.1719034	.6599103	-.003399

Sample Name: K4418-02LX5 Acquired: 08/22/2019 12:08:14 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000019	-.001958	.0302003
Stddev	.000320	.000360	.0004800
%RSD	1645.286	18.40634	1.589246

#1	.000007	-.002179	.0296844
#2	-.000352	-.001542	.0302831
#3	.000286	-.002152	.0306335

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1405.317	2265.868	29713.00	5119.861	2401.053
Stddev	5.213	4.283	121.71	13.177	.829
%RSD	.3709510	.1890441	.4096237	.2573797	.0345202

#1	1400.860	2261.998	29639.85	5124.070	2400.097
#2	1404.043	2265.134	29853.50	5105.093	2401.579
#3	1411.050	2270.471	29645.65	5130.420	2401.482

Sample Name: K4418-02MS Acquired: 08/22/2019 12:12:04 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CFVP-228LMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8538880	2.168645	1.077844	2.030772	.8740163	2.147486	.3810334
Stddev	.0081472	.005264	.003606	.001682	.0004362	.034998	.0028592
%RSD	.9541302	.2427485	.3345923	.0828380	.0499103	1.629713	.7503720

#1	.8530139	2.167296	1.081890	2.030116	.8736181	2.107112	.3781828
#2	.8462130	2.164187	1.076671	2.032683	.8744825	2.169192	.3839010
#3	.8624369	2.174453	1.074970	2.029516	.8739483	2.166155	.3810164

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2036844	.2169807	25.32083	.4355400	.2160224	.3256185	3.551841
Stddev	.0015878	.0008461	.26340	.0020020	.0009616	.0055875	.042708
%RSD	.7795562	.3899363	1.040240	.4596621	.4451218	1.715958	1.202422

#1	.2044652	.2178464	25.03179	.4360971	.2160623	.3197001	3.514253
#2	.2047307	.2161557	25.54733	.4372044	.2150415	.3308023	3.598282
#3	.2018574	.2169399	25.38336	.4333184	.2169634	.3263530	3.542990

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3145793	6.692757	.5465142	.0799923	48.26248	.3290130	.2379285
Stddev	.0035969	.115087	.0012404	.0005276	.56564	.0039484	.0018700
%RSD	1.143389	1.719571	.2269699	.6595424	1.172008	1.200082	.7859444

#1	.3106188	6.572293	.5453702	.0793930	47.61541	.3257733	.2372390
#2	.3176427	6.801582	.5463400	.0803868	48.66297	.3334110	.2400454
#3	.3154766	6.704396	.5478326	.0801970	48.50906	.3278547	.2365012

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.80602	6.729949	.3805274	.4257286	.8328294	4.133734	.7431807
Stddev	.19320	.018539	.0010871	.0017025	.0055677	.035960	.0021733
%RSD	1.399355	.2754682	.2856925	.3999000	.6685278	.8699041	.2924272

#1	13.59308	6.714496	.3811191	.4252255	.8317328	4.153274	.7426990
#2	13.97008	6.724848	.3811904	.4243344	.8278915	4.155693	.7412886
#3	13.85490	6.750505	.3792728	.4276260	.8388637	4.092235	.7455544

Sample Name: K4418-02MS Acquired: 08/22/2019 12:12:04 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CFVP-228LMS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2040362	.1189238	.3653665
Stddev	.0014008	.0015006	.0063584
%RSD	.6865383	1.261803	1.740276

#1	.2030645	.1172234	.3586407
#2	.2056419	.1194854	.3712792
#3	.2034021	.1200625	.3661796

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1380.146	2226.982	29318.47	5038.505	2418.818
Stddev	4.167	4.413	159.75	20.939	8.212
%RSD	.3018945	.1981820	.5448745	.4155719	.3395102

#1	1383.748	2223.989	29502.91	5026.573	2410.399
#2	1381.108	2232.050	29228.49	5026.259	2426.806
#3	1375.583	2224.906	29224.01	5062.682	2419.248

Sample Name: K4418-02MSD Acquired: 08/22/2019 12:15:43 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CFVP-228LMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8514199	2.155243	1.071896	2.016601	.8726100	2.131914	.3716023
Stddev	.0018269	.010859	.004062	.007901	.0005820	.036455	.0044170
%RSD	.2145695	.5038287	.3789816	.3918201	.0667018	1.709973	1.188645

#1	.8493161	2.160518	1.069991	2.015702	.8732683	2.092301	.3666929
#2	.8523375	2.142755	1.076560	2.009187	.8723980	2.139389	.3728596
#3	.8526061	2.162457	1.069136	2.024913	.8721636	2.164052	.3752543

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2038952	.2156824	24.80333	.4379994	.2149042	.3172726	3.503201
Stddev	.0018479	.0003285	.33375	.0022132	.0007317	.0061508	.039209
%RSD	.9062847	.1523078	1.345579	.5053075	.3404985	1.938631	1.119229

#1	.2018573	.2153978	24.42801	.4367217	.2143782	.3115030	3.459872
#2	.2043664	.2156076	24.91522	.4367214	.2145946	.3165705	3.513497
#3	.2054619	.2160419	25.06675	.4405550	.2157399	.3237443	3.536235

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3088352	6.588248	.5435888	.0801120	46.70993	.3221789	.2382166
Stddev	.0049916	.093285	.0013942	.0004575	.54234	.0035178	.0028712
%RSD	1.616267	1.415933	.2564837	.5710816	1.161075	1.091865	1.205288

#1	.3033026	6.485603	.5424444	.0806387	46.09859	.3190979	.2351008
#2	.3102019	6.611285	.5451416	.0798833	46.89798	.3214269	.2387933
#3	.3130011	6.667857	.5431803	.0798139	47.13320	.3260118	.2407556

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.43166	6.714111	.3776850	.4246939	.8057200	4.074329	.7402551
Stddev	.35947	.004766	.0040970	.0012909	.0036886	.035492	.0007977
%RSD	2.676279	.0709835	1.084766	.3039613	.4578051	.8711221	.1077635

#1	13.03146	6.713209	.3746522	.4260985	.8070106	4.034310	.7394966
#2	13.53637	6.709861	.3760569	.4244236	.8085899	4.086686	.7401817
#3	13.72715	6.719264	.3823457	.4235595	.8015595	4.101991	.7410870

Sample Name: K4418-02MSD Acquired: 08/22/2019 12:15:43 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CFVP-228LMSD Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2015912	.1165543	.3584196
Stddev	.0029409	.0005030	.0064673
%RSD	1.458823	.4315256	1.804400

#1	.1982512	.1163851	.3513532
#2	.2027300	.1171200	.3598613
#3	.2037923	.1161577	.3640445

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1376.250	2233.852	29256.90	5044.998	2429.044
Stddev	9.402	5.344	211.09	27.610	3.267
%RSD	.6831387	.2392059	.7214882	.5472723	.1344993

#1	1374.377	2227.823	29148.66	5075.959	2425.310
#2	1386.448	2238.003	29500.15	5036.101	2430.446
#3	1367.926	2235.730	29121.89	5022.933	2431.376

Sample Name: K4418-02A Acquired: 08/22/2019 12:19:21 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.8504936	2.169805	1.078157	2.035362	.8645352	2.118351	.3699594
Stddev	.0015148	.006952	.005312	.005271	.0009615	.042528	.0041883
%RSD	.1781063	.3203978	.4926930	.2589696	.1112167	2.007608	1.132090

#1	.8489678	2.161783	1.072353	2.031149	.8647157	2.073562	.3651410
#2	.8505159	2.173573	1.079340	2.033664	.8653937	2.158184	.3727275
#3	.8519972	2.174060	1.082778	2.041272	.8634963	2.123308	.3720097

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2033068	.2177077	24.97950	.4344170	.2154754	.3171737	3.478034
Stddev	.0007370	.0004081	.26801	.0007201	.0004455	.0088372	.068076
%RSD	.3624837	.1874726	1.072928	.1657716	.2067397	2.786244	1.957318

#1	.2033891	.2172647	24.67211	.4347701	.2159546	.3104096	3.402752
#2	.2039991	.2177900	25.10215	.4335885	.2150739	.3271726	3.535268
#3	.2025321	.2180685	25.16425	.4348925	.2153977	.3139390	3.496080

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3106701	6.600601	.5416911	.0800957	46.73311	.3221176	.2385837
Stddev	.0038711	.108064	.0001784	.0001794	.87594	.0058743	.0014825
%RSD	1.246045	1.637183	.0329405	.2240285	1.874350	1.823642	.6213804

#1	.3062549	6.489713	.5415092	.0800847	45.73389	.3153360	.2375383
#2	.3122737	6.705600	.5416983	.0799220	47.36854	.3256268	.2402803
#3	.3134818	6.606491	.5418658	.0802804	47.09690	.3253901	.2379324

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.28950	6.710489	.3780098	.4251589	.8144435	4.067044	.7424760
Stddev	.29441	.024655	.0011400	.0006693	.0041750	.020475	.0011596
%RSD	2.215358	.3674083	.3015761	.1574230	.5126186	.5034465	.1561733

#1	13.00315	6.692606	.3775211	.4258843	.8101911	4.066706	.7431542
#2	13.59136	6.700247	.3793126	.4250272	.8185365	4.087686	.7411371
#3	13.27398	6.738614	.3771956	.4245652	.8146030	4.046739	.7431366

Sample Name: K4418-02A Acquired: 08/22/2019 12:19:21 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2014821	.1173732	.3602761
Stddev	.0022579	.0012438	.0073544
%RSD	1.120653	1.059675	2.041327

#1	.1989489	.1159492	.3536471
#2	.2032828	.1179234	.3681873
#3	.2022147	.1182469	.3589938

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1387.927	2239.512	29490.84	5063.649	2430.788
Stddev	13.329	2.920	138.21	36.557	2.347
%RSD	.9603507	.1304025	.4686487	.7219568	.0965416

#1	1391.599	2241.523	29573.16	5069.461	2428.217
#2	1373.147	2236.162	29331.28	5024.533	2431.330
#3	1399.035	2240.851	29568.09	5096.952	2432.816

Sample Name: K4385-36 Acquired: 08/22/2019 12:23:01 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T8-D-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001383	-.012508	.0586203	.0139127	.0041656	.3747805	.1524751
Stddev	.002454	.000681	.0022496	.0012501	.0024775	.0013644	.0008754
%RSD	177.4225	5.447635	3.837584	8.985068	59.47411	.3640572	.5741313

#1	-.003707	-.012188	.0597661	.0151212	.0055189	.3758457	.1515108
#2	-.001624	-.012046	.0560285	.0126248	.0056716	.3732426	.1532199
#3	.001182	-.013290	.0600664	.0139920	.0013062	.3752532	.1526945

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000290	.0036001	45.72315	.0014574	.0050740	.1895309	.5343515
Stddev	.000043	.0000623	.33054	.0000804	.0003236	.0004468	.0088157
%RSD	14.75232	1.729866	.7229209	5.518815	6.378692	.2357212	1.649789

#1	-.000332	.0036211	45.41126	.0015401	.0050561	.1890245	.5248784
#2	-.000292	.0036491	45.68857	.0013795	.0047597	.1896988	.5423148
#3	-.000247	.0035300	46.06963	.0014525	.0054062	.1898693	.5358613

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3659982	7.825753	.0085751	.0001277	283.7837	.0012817	.4517066
Stddev	.0027571	.043374	.0004509	.0005856	1.5492	.0014088	.0026857
%RSD	.7533080	.5542518	5.258170	458.5924	.5458999	109.9157	.5945766

#1	.3633114	7.789417	.0086989	-.000489	283.7660	.0024060	.4520065
#2	.3658626	7.814070	.0080752	.000195	282.2435	-.000299	.4488835
#3	.3688206	7.873772	.0089511	.000677	285.3417	.001738	.4542298

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4089831	.0132750	.0072093	.0011307	.1999809	.7672537	-.001927
Stddev	.0693869	.0020173	.0005670	.0003343	.0008228	.0090105	.001285
%RSD	16.96572	15.19656	7.864694	29.56234	.4114308	1.174378	66.69974

#1	.3393032	.0142438	.0072451	.0009493	.1990399	.7771619	-.000865
#2	.4780733	.0146251	.0066253	.0009263	.2003379	.7595502	-.001559
#3	.4095728	.0109560	.0077576	.0015164	.2005649	.7650490	-.003356

Sample Name: K4385-36 Acquired: 08/22/2019 12:23:01 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T8-D-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0122615	-.001236	.0547166
Stddev	.0004780	.000627	.0006914
%RSD	3.898233	50.72389	1.263605

#1	.0124397	-.000839	.0550422
#2	.0117200	-.000910	.0539225
#3	.0126247	-.001958	.0551851

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1349.464	2197.613	28841.11	5066.116	2424.119
Stddev	4.382	2.018	158.53	49.370	3.215
%RSD	.3247400	.0918116	.5496656	.9745125	.1326370

#1	1347.798	2197.078	28891.61	5009.693	2422.710
#2	1346.159	2199.844	28663.48	5087.282	2427.798
#3	1354.435	2195.916	28968.23	5101.375	2421.849

Sample Name: K4385-39 Acquired: 08/22/2019 12:26:49 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T8-E1-E4-(0- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001476	-.011719	.0242054	.0136869	.0032160	.0604224	.1950621
Stddev	.001723	.001938	.0014898	.0019638	.0002503	.0046255	.0014261
%RSD	116.7852	16.54180	6.154704	14.34815	7.781805	7.655285	.7310754

#1	-.003288	-.013952	.0254265	.0157461	.0033995	.0581674	.1934234
#2	.000142	-.010471	.0246442	.0118348	.0033178	.0573568	.1957416
#3	-.001281	-.010733	.0225456	.0134798	.0029309	.0657429	.1960213

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000278	.0015161	25.40846	.0009043	-.000074	.0205291	-.013399
Stddev	.000024	.0000102	.28970	.0003024	.000172	.0010230	.005970
%RSD	8.625104	.6728354	1.140178	33.44123	232.4281	4.983186	44.55539

#1	-.000305	.0015048	25.10689	.0005925	-.000067	.0215009	-.020292
#2	-.000259	.0015247	25.43388	.0011963	.000095	.0206247	-.009852
#3	-.000270	.0015188	25.68462	.0009242	-.000249	.0194617	-.010053

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2158394	3.446528	.0099501	-.000108	291.2671	-.000666	.1562712
Stddev	.0023249	.011637	.0003385	.000405	1.3788	.000815	.0009259
%RSD	1.077142	.3376336	3.402258	376.1256	.4733825	122.3290	.5925095

#1	.2132768	3.451116	.0102171	.000075	289.6905	-.000609	.1561128
#2	.2164280	3.433296	.0095694	-.000572	291.8635	-.001508	.1554347
#3	.2178135	3.455170	.0100639	.000174	292.2474	.000119	.1572661

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5261421	.0182089	.0068449	.0014608	.2260842	.6701878	-.000139
Stddev	.0471315	.0010949	.0006866	.0001763	.0017010	.0072941	.000894
%RSD	8.957947	6.012781	10.03066	12.06672	.7523907	1.088361	641.4071

#1	.4717262	.0173827	.0075716	.0016601	.2274471	.6785910	.000427
#2	.5541039	.0194507	.0062070	.0013253	.2241779	.6654930	-.001170
#3	.5525961	.0177933	.0067562	.0013970	.2266277	.6664794	.000325

Sample Name: K4385-39 Acquired: 08/22/2019 12:26:49 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: T8-E1-E4-(0- Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000125	.0001558	.0521467
Stddev	.000671	.0014140	.0002194
%RSD	537.6093	907.2461	.4206895

#1	-.000888	-.001441	.0523151
#2	.000375	.001249	.0522263
#3	.000139	.000660	.0518986

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1345.602	2203.595	28945.24	5026.943	2434.121
Stddev	6.390	4.800	138.75	41.406	2.206
%RSD	.4748759	.2178124	.4793659	.8236718	.0906372

#1	1352.175	2198.076	29047.08	4979.132	2432.338
#2	1339.412	2206.795	28787.20	5050.964	2433.438
#3	1345.220	2205.914	29001.44	5050.732	2436.589

Sample Name: K4386-28 Acquired: 08/22/2019 12:30:38 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T8-F-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005229	-.012618	.0234431	.0147869	.0044124	.0965481	.2400488
Stddev	.0008742	.001540	.0008553	.0026106	.0017789	.0116898	.0142418
%RSD	167.1876	12.20240	3.648573	17.65469	40.31539	12.10772	5.932892

#1	.0009817	-.011879	.0237199	.0121368	.0042451	.0869875	.2237067
#2	-.000485	-.014388	.0241258	.0173560	.0027230	.1095805	.2466291
#3	.001072	-.011587	.0224836	.0148678	.0062690	.0930763	.2498106

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000280	.0010957	56.15182	.0012832	-.000005	.0140462	.0354814
Stddev	.000020	.0001123	3.17652	.0002541	.000126	.0005498	.0141570
%RSD	7.062845	10.24863	5.657028	19.79799	2410.041	3.914111	39.89989

#1	-.000297	.0009664	52.52298	.0015100	.000132	.0134895	.0192661
#2	-.000285	.0011515	57.50374	.0013309	-.000032	.0140603	.0453836
#3	-.000258	.0011691	58.42875	.0010087	-.000115	.0145888	.0417944

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3303405	4.251412	.0070170	-.000214	307.3634	-.000471	.0969247
Stddev	.0187271	.217016	.0005635	.000420	18.0172	.002584	.0007485
%RSD	5.669023	5.104564	8.029989	196.4539	5.861865	548.6979	.7722181

#1	.3092102	4.004607	.0074336	-.000681	286.7509	.001196	.0962431
#2	.3369261	4.337248	.0072414	.000131	315.2274	.000839	.0977257
#3	.3448851	4.412382	.0063759	-.000090	320.1119	-.003447	.0968054

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.112806	.0084067	.0060957	.0010657	.1614468	.6321937	-.002121
Stddev	.166557	.0021615	.0006326	.0000517	.0003606	.0258248	.001117
%RSD	14.96728	25.71219	10.37717	4.847439	.2233277	4.084947	52.64627

#1	.921031	.0069805	.0054748	.0010527	.1614379	.6030081	-.001078
#2	1.221256	.0073459	.0067393	.0011226	.1610908	.6414887	-.003300
#3	1.196131	.0108937	.0060730	.0010217	.1618118	.6520844	-.001986

Sample Name: K4386-28 Acquired: 08/22/2019 12:30:38 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T8-F-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010071	.0008096	.0841747
Stddev	.0005228	.0009027	.0052195
%RSD	51.91199	111.5031	6.200801

#1	.0004036	.0001621	.0782043
#2	.0012967	.0018408	.0864463
#3	.0013210	.0004259	.0878735

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1331.698	2183.044	28651.53	5172.511	2415.895
Stddev	1.205	.968	138.28	191.516	2.163
%RSD	.0905085	.0443594	.4826394	3.702581	.0895271

#1	1330.411	2182.856	28527.88	5392.675	2415.675
#2	1332.800	2182.184	28800.85	5080.442	2413.851
#3	1331.882	2184.093	28625.88	5044.416	2418.160

Sample Name: CCV03 Acquired: 08/22/2019 12:34:29 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.009278	4.937644	4.938624	4.997398	4.971280	9.524481	9.836559
Stddev	.015375	.001825	.012482	.006793	.003024	.062565	.052080
%RSD	.3069392	.0369647	.2527464	.1359391	.0608343	.6568823	.5294517

#1	5.007242	4.936679	4.941564	4.991578	4.969625	9.507920	9.782363
#2	5.025570	4.939749	4.949373	5.004863	4.974771	9.471863	9.841086
#3	4.995022	4.936505	4.924933	4.995753	4.969446	9.593660	9.886227

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2426156	2.478615	24.33191	.9991519	2.471501	1.183293	4.839567
Stddev	.0019865	.005526	.16854	.0033383	.003343	.002368	.014021
%RSD	.8187740	.2229464	.6926587	.3341124	.1352733	.2000978	.2897164

#1	.2432605	2.484656	24.14100	.9955089	2.475359	1.182663	4.826432
#2	.2441994	2.477375	24.39465	1.002065	2.469438	1.181305	4.854332
#3	.2403868	2.473815	24.46008	.999882	2.469707	1.185913	4.837938

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.422678	24.00112	2.480322	1.257868	23.87181	2.393444	2.482229
Stddev	.014989	.14126	.001302	.007755	.22795	.010719	.013849
%RSD	.6186766	.5885603	.0525049	.6165014	.9549072	.4478585	.5579116

#1	2.405495	23.83803	2.480851	1.259291	23.96710	2.385912	2.466279
#2	2.429482	24.08066	2.481277	1.249500	23.61167	2.388704	2.491191
#3	2.433058	24.08468	2.478838	1.264813	24.03665	2.405716	2.489218

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.32076	5.174831	4.818364	4.968314	5.031611	4.732498	4.981537
Stddev	.19915	.010734	.029417	.003388	.014086	.012498	.006665
%RSD	.8539676	.2074269	.6105176	.0681949	.2799430	.2640988	.1337949

#1	23.43008	5.186870	4.844383	4.970233	5.047736	4.737820	4.989189
#2	23.09090	5.166258	4.824265	4.970307	5.021706	4.741455	4.977002
#3	23.44132	5.171366	4.786444	4.964402	5.025392	4.718219	4.978419

Sample Name: CCV03 Acquired: 08/22/2019 12:34:29 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.755254	4.886038	4.745569
Stddev	.008826	.037530	.031027
%RSD	.1856106	.7681089	.6538069

#1	4.749204	4.844048	4.779738
#2	4.751176	4.897750	4.737814
#3	4.765382	4.916315	4.719155

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1407.328	2272.945	29817.22	5108.120	2465.143
Stddev	9.916	7.969	221.26	26.009	9.434
%RSD	.7045757	.3506041	.7420459	.5091609	.3827071

#1	1412.877	2265.294	29764.64	5078.559	2455.599
#2	1413.226	2272.341	30060.04	5127.490	2465.368
#3	1395.880	2281.198	29627.00	5118.311	2474.463

Sample Name: CCB03 Acquired: 08/22/2019 12:38:08 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	-.001832	-.000217	.0014898	.0014861	.0013194	-.005030	-.000423
Stddev	.001136	.001975	.0023168	.0019457	.0021744	.006954	.000779
%RSD	62.04166	910.6339	155.5117	130.9253	164.8079	138.2520	184.0846

#1	-.003142	-.002467	.0040119	.0020833	.0037966	-.001019	.000244
#2	-.001238	.001232	-.000544	-.000688	.0004354	-.001011	-.000234
#3	-.001115	.000585	.001002	.003063	-.000274	-.013060	-.001279

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000225	.0000153	.0127546	-.000220	-.000133	.0008751	-.005324
Stddev	.0000338	.0000260	.0074847	.000113	.000172	.0010542	.007119
%RSD	149.9312	169.4855	58.68231	51.38057	129.1666	120.4659	133.7142

#1	.0000377	-.000015	.0175788	-.000159	-.000326	.0013338	-.004395
#2	.0000460	.000030	.0041323	-.000150	.000001	-.000331	-.012862
#3	-.000016	.000031	.0165526	-.000350	-.000074	.001622	.001285

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001120	-.005858	.0001266	.0000912	.0210710	-.001300	-.000275
Stddev	.0005075	.025402	.0003284	.0003532	.1926503	.003195	.000160
%RSD	452.9818	433.6328	259.5055	387.1889	914.2904	245.7504	58.22749

#1	.0006941	-.005746	-.000056	.0002721	.2329964	-.003440	-.000091
#2	-.000238	.019488	-.000070	.0003173	-.026327	-.002834	-.000358
#3	-.000120	-.031316	.000506	-.000316	-.143457	.002373	-.000378

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.255967	-.002099	.0060294	.0003725	-.007522	.0015719	-.000779
Stddev	.083674	.001509	.0009978	.0002965	.002558	.0005085	.000474
%RSD	32.68931	71.87218	16.54883	79.58910	34.00871	32.34844	60.81077

#1	-.255261	-.002939	.0065286	.0000381	-.004568	.0011791	-.000700
#2	-.172649	-.003000	.0066790	.0006033	-.008973	.0021462	-.000351
#3	-.339993	-.000357	.0048805	.0004762	-.009025	.0013904	-.001288

Sample Name: CCB03 Acquired: 08/22/2019 12:38:08 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000180	-.002157	.0002674
Stddev	.000498	.000408	.0001403
%RSD	275.7871	18.93662	52.46917

#1	.000071	-.002515	.0004287
#2	-.000754	-.001712	.0001730
#3	.000142	-.002245	.0002006

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1424.368	2273.679	29794.28	5126.815	2379.160
Stddev	3.822	5.377	222.42	29.389	1.634
%RSD	.2683121	.2364916	.7465046	.5732481	.0686656

#1	1424.283	2279.861	29643.42	5152.656	2377.294
#2	1420.590	2270.091	29689.71	5094.844	2379.856
#3	1428.232	2271.085	30049.71	5132.946	2380.330

Sample Name: PB122435BL Acquired: 08/22/2019 12:42:00 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	-.002379	.0005996	-.000582	.0004152	-.000360	.0032484	-.000930
Stddev	.001550	.0006676	.001332	.0039060	.001057	.0074219	.000103
%RSD	65.16374	111.3427	228.9698	940.7698	294.0362	228.4773	11.04539

#1	-.001238	.0010274	-.001958	-.004066	.000393	-.005319	-.001047
#2	-.004144	.0009410	.000701	.003098	-.001569	.007732	-.000853
#3	-.001755	-.000170	-.000488	.002214	.000096	.007332	-.000890

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000139	.0001185	.0118320	-.000500	.0000165	-.001684	-.009346
Stddev	.0000544	.0000476	.0018785	.000214	.0001477	.001123	.010893
%RSD	390.1874	40.20305	15.87654	42.77651	898.1370	66.67044	116.5562

#1	.0000417	.0000704	.0138297	-.000475	-.000128	-.000892	-.019364
#2	.0000488	.0001657	.0115653	-.000726	.000009	-.002969	-.010924
#3	-.000049	.0001194	.0101012	-.000300	.000168	-.001191	.002250

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000267	-.007780	.0003506	.0004712	-.055614	-.000913	-.000582
Stddev	.000253	.020631	.0002743	.0004310	.337512	.002080	.000690
%RSD	94.81100	265.1766	78.25604	91.46008	606.8844	227.7266	118.6387

#1	-.000444	.000472	.0004714	.0009624	-.223034	-.003283	-.000751
#2	.000023	-.031260	.0000366	.0002950	.332878	-.000065	.000177
#3	-.000379	.007448	.0005437	.0001563	-.276686	.000608	-.001171

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.186259	-.000522	-.001232	.0000075	-.004852	-.002392	-.003112
Stddev	.062615	.001016	.000752	.0000240	.003074	.000548	.000499
%RSD	33.61714	194.6112	61.00843	322.1349	63.34875	22.92004	16.04603

#1	-.223903	-.001488	-.002067	-.000019	-.007372	-.002014	-.002583
#2	-.220896	.000538	-.000609	.000012	-.005758	-.002141	-.003177
#3	-.113978	-.000616	-.001021	.000029	-.001427	-.003021	-.003575

Sample Name: PB122435BL Acquired: 08/22/2019 12:42:00 Type: Unk
 Method: NON EPA-6010-200.7(v146) 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	-.000295	-.003881	-.000051
Stddev	.000191	.000745	.000079
%RSD	64.84462	19.19982	154.2334

#1	-.000484	-.004741	-.000007
#2	-.000301	-.003477	-.000004
#3	-.000101	-.003425	-.000143

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1420.685	2269.025	29710.08	5119.119	2372.607
Stddev	2.179	3.361	107.88	23.446	2.592
%RSD	.1533504	.1481166	.3631042	.4580028	.1092648

#1	1418.196	2267.290	29663.49	5092.271	2373.901
#2	1422.250	2266.886	29633.32	5135.557	2369.622
#3	1421.607	2272.898	29833.42	5129.528	2374.298

Sample Name: PB122436BL Acquired: 08/22/2019 12:45:54 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0001761	.0041299	.0006491	.0016520	.0004201	-.004053	-.000673
Stddev	.0006695	.0011996	.0012108	.0019109	.0008525	.009535	.000441
%RSD	380.3026	29.04770	186.5298	115.6775	202.9146	235.2777	65.51109

#1	-.000005	.0032082	.0007462	-.000460	.0013642	-.008197	-.001172
#2	-.000384	.0054863	.0018084	.003261	.0001894	.006853	-.000332
#3	.000918	.0036952	-.000607	.002155	-.000293	-.010815	-.000516

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000210	-.000010	.0003971	.0003797	-.000202	-.001422	-.010513
Stddev	.0000922	.000049	.0061421	.0001501	.000101	.002788	.011572
%RSD	439.1932	504.0132	1546.706	39.52783	49.76083	196.0683	110.0634

#1	.0000821	-.000050	-.001771	.0005465	-.000257	-.003250	-.023084
#2	.0000659	.000044	-.004367	.0002555	-.000086	.001787	-.008149
#3	-.000085	-.000024	.007329	.0003372	-.000264	-.002802	-.000307

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000087	.0171022	.0006588	.0002878	-.114103	.0026268	-.000245
Stddev	.000297	.0204195	.0003398	.0003198	.199163	.0017618	.000262
%RSD	339.4626	119.3967	51.57688	111.1268	174.5476	67.07164	106.6578

#1	-.000418	.0368162	.0004444	.0006559	-.239923	.0040482	-.000189
#2	.000000	-.003956	.0010506	.0000795	-.217905	.0031767	-.000531
#3	.000156	.018447	.0004815	.0001278	.115520	.0006556	-.000016

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.183365	-.003707	-.002965	.0001867	-.008726	-.002800	-.003004
Stddev	.072687	.001964	.000287	.0001716	.002490	.002467	.000891
%RSD	39.64059	52.98084	9.686753	91.92461	28.53365	88.11765	29.66255

#1	-.172653	-.003962	-.002741	.0003842	-.008153	-.004788	-.002242
#2	-.116629	-.005531	-.003289	.0000750	-.006572	-.000039	-.003984
#3	-.260814	-.001628	-.002865	.0001008	-.011452	-.003572	-.002786

Sample Name: PB122436BL Acquired: 08/22/2019 12:45:54 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0004730	-.004523	-.000023
Stddev	.0002007	.000277	.000044
%RSD	42.44045	6.119624	188.7025

#1	.0005997	-.004253	-.000007
#2	.0002415	-.004806	-.000073
#3	.0005778	-.004510	.000010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1411.546	2263.137	29508.86	5091.871	2372.348
Stddev	5.107	2.081	181.45	6.623	2.145
%RSD	.3617986	.0919639	.6149060	.1300683	.0904162

#1	1411.292	2261.176	29373.14	5097.489	2370.211
#2	1406.571	2265.321	29438.48	5084.568	2372.334
#3	1416.776	2262.916	29714.95	5093.554	2374.501

Sample Name: PB122460BL Acquired: 08/22/2019 12:49:48 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	-.002386	.0034897	-.000690	.0007983	.0014717	.0044981	.0000817
Stddev	.001175	.0015296	.002284	.0015741	.0006301	.0057410	.0001575
%RSD	49.25068	43.83189	331.0654	197.1894	42.81158	127.6335	192.7326

#1	-.002043	.0050217	-.003143	.0022149	.0021669	.0008373	.0000717
#2	-.001421	.0034849	-.000302	.0010763	.0009382	.0015422	-.000071
#3	-.003695	.0019625	.001375	-.000896	.0013101	.0111148	.000244

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	.0000590	-.005962	-.000041	-.000352	-.003549	-.010836
Stddev	.000084	.0000741	.007774	.000251	.000232	.000835	.006716
%RSD	402.5944	125.6325	130.3981	605.4818	65.79547	23.53446	61.98494

#1	-.000117	.0001443	.002185	.000027	-.000581	-.004479	-.017363
#2	.000042	.0000122	-.006770	-.000319	-.000117	-.002863	-.003945
#3	.000012	.0000204	-.013300	.000168	-.000358	-.003303	-.011199

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000335	-.007079	.0003329	.0000265	-.198166	.0020902	-.000395
Stddev	.000204	.015714	.0003445	.0004752	.285767	.0011477	.000106
%RSD	61.03137	221.9905	103.4749	1790.269	144.2056	54.90848	26.71154

#1	-.000303	.011050	.0000807	.0001284	-.521102	.0031919	-.000360
#2	-.000553	-.016812	.0001926	-.000491	-.095411	.0009014	-.000312
#3	-.000148	-.015475	.0007255	.000443	.022014	.0021774	-.000514

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.150746	-.002631	-.004714	-.000120	-.009449	-.003182	-.004797
Stddev	.102567	.001457	.001035	.000320	.001321	.000299	.001448
%RSD	68.03985	55.37155	21.95430	267.9249	13.98296	9.382239	30.18155

#1	-.268906	-.002985	-.003537	-.000012	-.010972	-.003360	-.003317
#2	-.098646	-.001030	-.005127	.000133	-.008757	-.002838	-.004865
#3	-.084686	-.003878	-.005480	-.000480	-.008617	-.003349	-.006211

Sample Name: PB122460BL Acquired: 08/22/2019 12:49:48 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005376	-.004521	.0000723
Stddev	.0002671	.000463	.0000604
%RSD	49.67787	10.24346	83.47356

#1	.0008362	-.004997	.0001264
#2	.0003217	-.004493	.0000072
#3	.0004548	-.004072	.0000833

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1405.030	2253.869	29444.10	5106.350	2365.122
Stddev	8.763	.340	77.57	44.601	4.402
%RSD	.6236776	.0150770	.2634369	.8734500	.1861348

#1	1395.817	2253.778	29427.17	5136.528	2360.170
#2	1413.259	2254.245	29528.73	5127.403	2368.594
#3	1406.014	2253.584	29376.40	5055.119	2366.601

Sample Name: PB122460BS Acquired: 08/22/2019 12:53:40 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.8205477	2.022858	1.028794	1.978148	.8348052	2.056061
Stddev	.0050792	.004336	.004049	.003551	.0037801	.039150
%RSD	.6190021	.2143576	.3935441	.1794900	.4528142	1.904112

#1	.8188925	2.026505	1.029568	1.982125	.8313593	2.019023
#2	.8262480	2.018064	1.024414	1.977020	.8388484	2.097026
#3	.8165025	2.024006	1.032400	1.975297	.8342078	2.052136

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2117394	.1988471	.2148344	.9788647	.4243455	.2099571
Stddev	.0014390	.0015803	.0005375	.0072271	.0016589	.0005338
%RSD	.6796246	.7947258	.2502081	.7383133	.3909360	.2542651

#1	.2112976	.2005331	.2142974	.9872073	.4251838	.2093408
#2	.2133476	.1986084	.2148334	.9748716	.4224347	.2102512
#3	.2105731	.1973997	.2153724	.9745152	.4254180	.2102791

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3144458	3.252836	.2092856	2.044468	.5327535	.0759553
Stddev	.0060558	.042314	.0015422	.035561	.0004928	.0008393
%RSD	1.925865	1.300836	.7368843	1.739375	.0925048	1.104926

#1	.3134694	3.224920	.2076533	2.003406	.5331600	.0758921
#2	.3209304	3.301522	.2094853	2.065199	.5322054	.0751495
#3	.3089375	3.232067	.2107182	2.064798	.5328951	.0768244

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.973069	.3134943	.2197754	9.718229	F 6.646427	.2818697
Stddev	.331771	.0061790	.0009241	.173814	.007633	.0029432
%RSD	11.15923	1.971022	.4204503	1.788541	.1148467	1.044173

#1	3.083095	.3080304	.2187961	9.695144	6.645462	.2852674
#2	3.235850	.3201999	.2198980	9.902433	6.639322	.2801066
#3	2.600262	.3122527	.2206320	9.557111	6.654496	.2802351

Sample Name: PB122460BS Acquired: 08/22/2019 12:53:40 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.4047620	F -.013158	.9257150	.7210850	.1968102	F .1043837
Stddev	.0003031	.001362	.0058914	.0015703	.0017593	.0002590
%RSD	.0748921	10.35388	.6364175	.2177673	.8939269	.2480961

#1	.4046388	-.014599	.9325158	.7216428	.1973100	.1046780
#2	.4051073	-.011891	.9224573	.7193120	.1982655	.1041909
#3	.4045398	-.012983	.9221718	.7223003	.1948550	.1042821

Elem	Sr4077
Units	ppm
Avg	.2089122
Stddev	.0037039
%RSD	1.772957

#1	.2067124
#2	.2131885
#3	.2068356

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1396.747	2235.055	29490.31	5046.694	2391.927
Stddev	10.001	1.474	123.51	25.664	8.116
%RSD	.7160191	.0659646	.4187999	.5085385	.3393148

#1	1407.719	2236.075	29570.73	5028.039	2395.214
#2	1388.142	2235.726	29552.11	5036.081	2397.883
#3	1394.378	2233.365	29348.11	5075.963	2382.682

Sample Name: K4435-01 Acquired: 08/22/2019 12:57:19 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I01I-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056388	.0021101	.0322010	.0015064	-.002138	.0947969	.3993774
Stddev	.0011461	.0025030	.0010832	.0023723	.001356	.0059508	.0030144
%RSD	20.32499	118.6206	3.363910	157.4839	63.40552	6.277369	.7547636

#1	.0045261	.0046697	.0322437	.0041827	-.002319	.0992440	.3959467
#2	.0068156	.0019928	.0332622	-.000338	-.003394	.0971097	.4016014
#3	.0055747	-.000332	.0310971	.000674	-.000701	.0880369	.4005842

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000371	.0000855	159.7111	.0012218	-.002190	-.004373	.0891599
Stddev	.0000699	.0000534	1.4041	.0002044	.000024	.001336	.0104023
%RSD	188.2471	62.46139	.8791388	16.73097	1.092417	30.54835	11.66703

#1	-.000044	.0000884	158.1686	.0010057	-.002204	-.005902	.0900682
#2	.000078	.0000307	160.9148	.0012475	-.002205	-.003787	.0990783
#3	.000077	.0001374	160.0498	.0014121	-.002163	-.003430	.0783332

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0405744	65.11267	-.000060	.0003517	57.62883	.0094241	.0404321
Stddev	.0008456	.81026	.000151	.0001192	.68760	.0032538	.0004967
%RSD	2.084063	1.244400	250.3370	33.87732	1.193145	34.52603	1.228448

#1	.0396728	64.42365	-.000199	.0002510	57.03897	.0093429	.0409550
#2	.0413498	66.00532	.000100	.0004833	58.38401	.0062117	.0403746
#3	.0407006	64.90903	-.000082	.0003209	57.46350	.0127176	.0399666

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.637978	.0834263	.4615736	.0008503	43.41137	26.76683	-.008442
Stddev	.032638	.0011481	.0023661	.0001758	.01531	.12308	.001389
%RSD	1.992571	1.376158	.5126194	20.68043	.0352736	.4598113	16.45436

#1	1.623523	.0825728	.4602798	.0006713	43.40793	26.71892	-.006864
#2	1.675347	.0829746	.4643045	.0008568	43.39807	26.90666	-.008983
#3	1.615064	.0847316	.4601365	.0010228	43.42811	26.67491	-.009479

Sample Name: K4435-01 Acquired: 08/22/2019 12:57:19 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: I01I-062-1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003571	.0060050	1.798536
Stddev	.001228	.0002706	.025223
%RSD	34.38456	4.505702	1.402393

#1	-.004729	.0061714	1.783384
#2	-.003699	.0061507	1.827652
#3	-.002284	.0056928	1.784572

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1477.475	2401.666	31279.60	5355.163	2567.336
Stddev	11.132	1.046	63.58	11.250	2.698
%RSD	.7534323	.0435690	.2032540	.2100809	.1050794

#1	1467.152	2402.844	31206.67	5355.395	2565.050
#2	1489.269	2401.313	31323.34	5343.799	2570.312
#3	1476.002	2400.842	31308.80	5366.296	2566.645

Sample Name: K4435-01DUP Acquired: 08/22/2019 13:01:05 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I01I-062-1DU Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073011	.0021813	.0326236	.0012890	-.001127	.0904979	.4031416
Stddev	.0014141	.0030304	.0013979	.0018428	.001104	.0118060	.0023726
%RSD	19.36775	138.9298	4.285020	142.9689	97.94444	13.04559	.5885368

#1	.0076228	.0056687	.0342207	.0003776	-.000152	.1023739	.4004049
#2	.0085266	.0001890	.0316222	.0000794	-.002326	.0787632	.4046208
#3	.0057539	.0006861	.0320278	.0034099	-.000903	.0903567	.4043992

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000771	.0000731	161.0008	.0010039	-.002250	-.001726	.1012712
Stddev	.0000347	.0000821	.7539	.0002651	.000082	.003887	.0089228
%RSD	45.03665	112.3507	.4682552	26.40818	3.658879	225.1532	8.810770

#1	.0000404	.0000119	160.1460	.0013086	-.002158	-.001128	.1044293
#2	.0000815	.0000409	161.5711	.0008775	-.002276	-.005878	.0911989
#3	.0001095	.0001664	161.2851	.0008257	-.002317	.001827	.1081854

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0407324	65.05306	.0002686	.0000609	58.76170	.0077480	.0404875
Stddev	.0002424	.36481	.0005579	.0007055	.32221	.0007949	.0002518
%RSD	.5950907	.5607870	207.7031	1158.902	.5483274	10.25878	.6219710

#1	.0405998	64.63233	.0001820	-.000523	58.40899	.0070250	.0403002
#2	.0405853	65.24554	.0008648	-.000139	59.04060	.0085992	.0407738
#3	.0410122	65.28133	-.000241	.000845	58.83551	.0076198	.0403885

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.669929	.0834854	.4629549	-.000100	43.95394	26.64606	-.009294
Stddev	.039762	.0020453	.0040377	.000320	.12112	.21084	.000788
%RSD	2.381084	2.449839	.8721537	319.4841	.2755701	.7912595	8.482345

#1	1.698988	.0822963	.4658731	.000066	43.86918	26.75881	-.009502
#2	1.624615	.0823129	.4646449	.000102	43.89997	26.77654	-.008422
#3	1.686185	.0858470	.4583468	-.000469	44.09266	26.40282	-.009958

Sample Name: K4435-01DUP Acquired: 08/22/2019 13:01:05 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I01I-062-1DU Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002636	.0076787	1.818494
Stddev	.000309	.0007891	.016066
%RSD	11.72246	10.27706	.8834672

#1	-.002421	.0083919	1.800657
#2	-.002497	.0078133	1.831826
#3	-.002990	.0068309	1.823000

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1468.293	2386.655	31124.43	5354.149	2550.084
Stddev	2.097	2.176	57.79	26.454	2.060
%RSD	.1428104	.0911711	.1856633	.4940875	.0807654

#1	1470.576	2389.162	31086.39	5341.840	2548.867
#2	1467.850	2385.259	31190.93	5336.092	2548.924
#3	1466.453	2385.543	31095.98	5384.515	2552.462

Sample Name: K4435-01LX5 Acquired: 08/22/2019 13:04:52 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0010126	.0046519	.0073386	.0006950	-.001826	.0200922	.0818264
Stddev	.0024619	.0019015	.0012101	.0018741	.000643	.0167005	.0010685
%RSD	243.1248	40.87467	16.48920	269.6682	35.20368	83.11960	1.305870

#1	.0031381	.0059286	.0059923	.0024099	-.002450	.0349832	.0805976
#2	-.001685	.0024666	.0083356	-.001306	-.001860	.0020354	.0825377
#3	.001585	.0055606	.0076879	.000981	-.001166	.0232579	.0823439

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000073	.0000867	32.63408	-.000159	-.001369	.0008523	.0103208
Stddev	.0000043	.0000662	.37320	.000257	.000230	.0020342	.0052066
%RSD	58.22993	76.35255	1.143580	161.0068	16.80604	238.6680	50.44728

#1	.0000119	.0000341	32.20608	-.000324	-.001617	-.001326	.0093877
#2	.0000035	.0000650	32.80463	.000136	-.001162	.002702	.0056438
#3	.0000066	.0001610	32.89153	-.000291	-.001329	.001181	.0159308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082573	12.95914	.0001262	.0000514	11.82548	-.000010	.0111950
Stddev	.0003275	.17758	.0002441	.0001895	.43285	.001389	.0000998
%RSD	3.966629	1.370339	193.5096	368.9373	3.660278	13945.38	.8914699

#1	.0084119	12.75688	.0003586	-.000167	11.40610	.001205	.0112115
#2	.0084788	13.03107	-.000128	.000163	11.79972	-.001524	.0112855
#3	.0078810	13.08948	.000148	.000159	12.27064	.000290	.0110879

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2002731	.0180520	.0904199	-.000345	9.007212	5.363596	-.005887
Stddev	.1255684	.0009536	.0003875	.000198	.027383	.017904	.001797
%RSD	62.69860	5.282267	.4285964	57.51689	.3040146	.3338098	30.53045

#1	.2374805	.0170129	.0907689	-.000475	9.025942	5.361427	-.007947
#2	.0603057	.0182562	.0904879	-.000117	8.975785	5.346874	-.004639
#3	.3030331	.0188870	.0900028	-.000443	9.019909	5.382485	-.005075

Sample Name: K4435-01LX5 Acquired: 08/22/2019 13:04:52 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000649	-.000510	.3660959
Stddev	.000495	.000401	.0052351
%RSD	76.36384	78.78484	1.429968

#1	-.000214	-.000958	.3600791
#2	-.001188	-.000184	.3685999
#3	-.000543	-.000386	.3696087

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1418.290	2286.501	29865.89	5197.495	2432.887
Stddev	5.009	6.238	51.49	18.065	8.936
%RSD	.3531398	.2728024	.1723973	.3475643	.3673126

#1	1421.795	2282.718	29910.47	5218.107	2427.836
#2	1412.553	2293.701	29877.67	5189.962	2443.205
#3	1420.520	2283.085	29809.54	5184.416	2427.619

Sample Name: K4435-01MS Acquired: 08/22/2019 13:08:40 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I01I-062-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8084414	2.026355	1.032458	2.035092	.8051156	2.105191	.5693308
Stddev	.0080297	.013545	.001718	.006053	.0010394	.028374	.0033493
%RSD	.9932335	.6684336	.1663618	.2974507	.1291008	1.347796	.5882913

#1	.8158895	2.013713	1.031299	2.039526	.8047682	2.110972	.5658671
#2	.8094996	2.024701	1.031643	2.037556	.8042944	2.074372	.5695725
#3	.7999350	2.040651	1.034431	2.028196	.8062842	2.130229	.5725527

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1978115	.1984482	150.7958	.3940543	.1949490	.2840977	3.127211
Stddev	.0005554	.0002395	.8971	.0010611	.0003196	.0022234	.029125
%RSD	.2807841	.1207067	.5948929	.2692687	.1639520	.7826323	.9313373

#1	.1983643	.1987072	149.7929	.3952490	.1953078	.2816507	3.096124
#2	.1978166	.1982347	151.0727	.3936923	.1946948	.2859942	3.131645
#3	.1972535	.1984025	151.5217	.3932216	.1948443	.2846480	3.153865

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2334510	62.87820	.4940119	.0768071	56.94930	.3041870	.2952127
Stddev	.0002195	.26501	.0013017	.0004615	.33639	.0016977	.0012291
%RSD	.0940115	.4214606	.2634905	.6008438	.5906917	.5581152	.4163314

#1	.2332310	62.60007	.4938456	.0765782	56.86538	.3025971	.2938652
#2	.2336699	62.90675	.4928014	.0773384	56.66280	.3039887	.2955006
#3	.2334520	63.12777	.4953888	.0765049	57.31970	.3059751	.2962722

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.34234	6.501716	.7172591	.3756227	40.07761	25.76371	.6834398
Stddev	.03468	.045604	.0015979	.0002821	.10476	.04660	.0016238
%RSD	.3057781	.7014127	.2227765	.0751119	.2614027	.1808855	.2375848

#1	11.30436	6.454612	.7160949	.3753548	39.98352	25.81752	.6823872
#2	11.37233	6.504881	.7166016	.3755961	40.05881	25.73747	.6826224
#3	11.35032	6.545655	.7190809	.3759172	40.19050	25.73614	.6853099

Sample Name: K4435-01MS Acquired: 08/22/2019 13:08:40 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I01I-062-1MS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1815966	.1100964	1.901363
Stddev	.0010036	.0011767	.012780
%RSD	.5526344	1.068779	.6721712

#1	.1822324	.1087377	1.893462
#2	.1804396	.1107772	1.894519
#3	.1821177	.1107742	1.916108

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1470.342	2383.130	31238.23	5286.813	2554.181
Stddev	8.611	3.386	182.31	8.747	.461
%RSD	.5856179	.1420611	.5836150	.1654457	.0180454

#1	1477.544	2379.883	31446.16	5284.600	2553.685
#2	1472.676	2382.869	31162.70	5296.454	2554.264
#3	1460.805	2386.639	31105.82	5279.385	2554.595

Sample Name: K4435-01MSD Acquired: 08/22/2019 13:12:16 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I01I-062-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8079485	2.006626	1.023034	2.031541	.8061984	2.069946	.5647984
Stddev	.0015505	.000662	.002975	.005171	.0010812	.029868	.0045822
%RSD	.1919010	.0330138	.2908187	.2545302	.1341059	1.442933	.8113063

#1	.8082726	2.005908	1.023622	2.032291	.8067726	2.044512	.5595554
#2	.8062616	2.006758	1.019809	2.026037	.8049513	2.102836	.5680369
#3	.8093113	2.007213	1.025672	2.036297	.8068714	2.062490	.5668028

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1953891	.1965072	148.7128	.3909939	.1942263	.2808373	3.096606
Stddev	.0016061	.0006897	.8115	.0015665	.0002173	.0033092	.021197
%RSD	.8220192	.3509923	.5457114	.4006429	.1119017	1.178326	.6845222

#1	.1971544	.1972681	147.7848	.3926898	.1941387	.2779611	3.072135
#2	.1949989	.1959230	149.2900	.3906908	.1940664	.2844540	3.109284
#3	.1940141	.1963304	149.0635	.3896011	.1944738	.2800968	3.108400

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2300490	62.13919	.4912447	.0756372	56.30786	.3012060	.2975192
Stddev	.0020872	.44916	.0011977	.0002979	.38021	.0020029	.0016699
%RSD	.9072792	.7228324	.2438015	.3938211	.6752279	.6649519	.5612826

#1	.2279351	61.64136	.4908490	.0757666	55.88251	.2997285	.2955910
#2	.2301037	62.51408	.4902950	.0758484	56.61468	.3004040	.2984919
#3	.2321084	62.26213	.4925901	.0752965	56.42640	.3034856	.2984748

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.28402	6.512223	.7094061	.3739692	40.01999	25.50919	.6795367
Stddev	.18287	.004509	.0058038	.0014918	.10805	.19472	.0014943
%RSD	1.620605	.0692446	.8181214	.3989189	.2699974	.7633172	.2198960

#1	11.13695	6.510519	.7160116	.3724172	40.10749	25.73063	.6793552
#2	11.48878	6.508815	.7070827	.3740980	39.89921	25.43222	.6781415
#3	11.22634	6.517337	.7051239	.3753925	40.05327	25.36473	.6811135

Sample Name: K4435-01MSD Acquired: 08/22/2019 13:12:16 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I01I-062-1MS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1787360	.1103169	1.882036
Stddev	.0014431	.0011835	.021643
%RSD	.8073745	1.072840	1.150002

#1	.1772421	.1096643	1.864217
#2	.1801223	.1096033	1.906121
#3	.1788435	.1116830	1.875768

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1466.113	2376.741	31240.57	5306.904	2552.068
Stddev	5.613	5.270	70.84	33.979	1.389
%RSD	.3828425	.2217198	.2267706	.6402765	.0544385

#1	1472.436	2382.711	31186.14	5268.582	2553.054
#2	1461.718	2372.738	31214.90	5318.777	2550.480
#3	1464.186	2374.772	31320.67	5333.353	2552.672

Sample Name: K4435-01A Acquired: 08/22/2019 13:15:53 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.8112337	2.021171	1.032763	2.047226	.8073724	2.087319	.5684158
Stddev	.0033562	.003097	.004179	.008236	.0010320	.024833	.0069072
%RSD	.4137137	.1532450	.4046181	.4023124	.1278276	1.189692	1.215171

#1	.8074474	2.017610	1.031139	2.048271	.8083674	2.060215	.5605173
#2	.8138424	2.023238	1.037510	2.038517	.8074429	2.092767	.5714059
#3	.8124114	2.022665	1.029641	2.054890	.8063070	2.108976	.5733242

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1964731	.1978306	149.2866	.3947773	.1946597	.2851042	3.091848
Stddev	.0002180	.0003564	1.5546	.0006617	.0002723	.0088848	.033079
%RSD	.1109672	.1801298	1.041340	.1676131	.1398823	3.116320	1.069873

#1	.1965765	.1976027	147.5884	.3940904	.1946703	.2749742	3.055870
#2	.1962226	.1982413	149.6321	.3948310	.1949266	.2887630	3.120944
#3	.1966201	.1976479	150.6394	.3954106	.1943823	.2915753	3.098731

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2315864	62.22636	.4931174	.0763162	56.77441	.3016347	.2968997
Stddev	.0031790	.65157	.0006416	.0004771	.83845	.0081292	.0019440
%RSD	1.372696	1.047095	.1301106	.6251300	1.476806	2.695050	.6547630

#1	.2281087	61.49828	.4934933	.0765012	55.91046	.2925244	.2954538
#2	.2323079	62.42617	.4923765	.0757744	56.82799	.3042314	.2991096
#3	.2343426	62.75463	.4934823	.0766731	57.58478	.3081483	.2961356

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.30498	6.522346	.7149648	.3764643	40.17543	25.65934	.6807175
Stddev	.14867	.011766	.0054350	.0008159	.10792	.09888	.0012441
%RSD	1.315067	.1804013	.7601791	.2167161	.2686232	.3853480	.1827658

#1	11.13642	6.508854	.7210037	.3772430	40.05999	25.76030	.6820366
#2	11.41744	6.527706	.7104660	.3765341	40.19252	25.56268	.6795651
#3	11.36108	6.530478	.7134247	.3756158	40.27379	25.65502	.6805509

Sample Name: K4435-01A Acquired: 08/22/2019 13:15:53 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1797157	.1103968	1.892409
Stddev	.0026020	.0022762	.020420
%RSD	1.447869	2.061803	1.079035

#1	.1770333	.1078199	1.869376
#2	.1798848	.1121332	1.899560
#3	.1822291	.1112372	1.908292

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1467.764	2372.372	31216.04	5302.831	2547.023
Stddev	13.770	4.682	188.06	8.308	1.316
%RSD	.9381346	.1973544	.6024595	.1566730	.0516858

#1	1481.726	2375.085	31400.35	5304.430	2547.972
#2	1454.196	2375.066	31223.35	5310.223	2547.577
#3	1467.368	2366.966	31024.44	5293.840	2545.520

Sample Name: CCV04 Acquired: 08/22/2019 13:19:30 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.032498	4.910612	4.893927	5.048572	5.019865	9.590242	9.898839
Stddev	.008115	.016618	.013433	.000982	.004600	.076484	.042439
%RSD	.1612579	.3384148	.2744775	.0194424	.0916396	.7975221	.4287232

#1	5.023350	4.893013	4.884598	5.048691	5.023958	9.514360	9.856609
#2	5.035309	4.912786	4.909323	5.049488	5.014886	9.589052	9.898426
#3	5.038833	4.926036	4.887859	5.047536	5.020751	9.667315	9.941483

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2384149	2.446719	24.17379	.9900189	2.453701	1.197861	4.884694
Stddev	.0010581	.005221	.13243	.0020796	.006179	.012505	.042175
%RSD	.4438113	.2134067	.5478280	.2100539	.2518205	1.043979	.8634185

#1	.2372462	2.440941	24.02201	.9920821	2.446733	1.189734	4.836912
#2	.2386908	2.451100	24.23362	.9900514	2.458511	1.191589	4.900432
#3	.2393078	2.448117	24.26576	.9879233	2.455861	1.212262	4.916736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.418315	23.95788	2.470621	1.244158	23.72404	2.427532	2.486214
Stddev	.019282	.28667	.003827	.005479	.17704	.029339	.014791
%RSD	.7973222	1.196560	.1549188	.4403835	.7462374	1.208577	.5949296

#1	2.397860	23.66175	2.467746	1.240745	23.66488	2.399464	2.469551
#2	2.420929	23.97785	2.469151	1.241251	23.92308	2.425138	2.491300
#3	2.436157	24.23404	2.474965	1.250478	23.58415	2.457994	2.497792

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.57434	5.202948	4.737267	4.973035	5.024629	4.687966	4.946231
Stddev	.22733	.005780	.028919	.005203	.002502	.024960	.008653
%RSD	.9643312	.1110874	.6104547	.1046187	.0497931	.5324250	.1749347

#1	23.37842	5.204953	4.705959	4.975285	5.026779	4.660065	4.936727
#2	23.52099	5.196432	4.742862	4.967086	5.025224	4.695662	4.948312
#3	23.82360	5.207458	4.762980	4.976735	5.021883	4.708172	4.953653

Sample Name: CCV04 Acquired: 08/22/2019 13:19:30 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.780800	4.877709	4.793597
Stddev	.042108	.018054	.084052
%RSD	.8807814	.3701381	1.753429

#1	4.747908	4.857195	4.703591
#2	4.766234	4.884750	4.807152
#3	4.828257	4.891182	4.870048

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1386.719	2250.321	29690.79	5140.227	2454.554
Stddev	2.657	4.468	141.09	2.664	2.230
%RSD	.1916374	.1985622	.4752123	.0518253	.0908497

#1	1386.897	2245.175	29528.17	5143.246	2452.215
#2	1383.977	2253.225	29780.68	5138.206	2454.791
#3	1389.283	2252.561	29763.53	5139.229	2456.656

Sample Name: CCB04 Acquired: 08/22/2019 13:23:09 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	-.000522	-.000638	-.000277	.0014258	-.001768	-.005072
Stddev	.001966	.004483	.002267	.0009487	.002733	.009197
%RSD	376.8503	703.0519	819.2027	66.53906	154.5637	181.3077

#1	.001636	.003018	.001464	.0005458	-.003920	.000218
#2	-.002214	-.005639	.000546	.0024309	-.002692	-.015692
#3	-.000987	.000708	-.002840	.0013008	.001307	.000257

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000155	.0000084	-.000016	.0059577	.0000612	-.000183
Stddev	.000538	.0000306	.000060	.0052168	.0003410	.000213
%RSD	346.7670	363.3951	381.2087	87.56393	557.2932	116.5820

#1	-.000645	.0000183	-.000082	.0011888	.0001962	-.000141
#2	.000421	.0000329	.000001	.0115293	.0003140	-.000414
#3	-.000242	-.000026	.000034	.0051550	-.000327	.000006

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002252	-.009873	-.000293	-.010022	.0001057	-.000039
Stddev	.000224	.004637	.000309	.013378	.0002349	.000328
%RSD	9.950199	46.96375	105.3436	133.4950	222.3111	834.6261

#1	-.002091	-.005061	-.000204	-.010992	-.000137	.000229
#2	-.002158	-.014311	-.000039	.003815	.000332	-.000405
#3	-.002508	-.010247	-.000637	-.022888	.000122	.000059

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.157875	-.000916	-.000286	-.159484	-.003412	.0068522
Stddev	.103649	.001872	.000080	.041266	.000693	.0010302
%RSD	65.65241	204.4014	27.81840	25.87468	20.31695	15.03505

#1	-.040539	-.002177	-.000333	-.120173	-.003031	.0078527
#2	-.236971	.001235	-.000332	-.202460	-.004213	.0069094
#3	-.196114	-.001805	-.000194	-.155819	-.002994	.0057946

Sample Name: CCB04 Acquired: 08/22/2019 13:23:09 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0003463	F -.010096	.0020970	-.000521	.0002030	-.001302
Stddev	.0002107	.003419	.0002849	.001816	.0009709	.000477
%RSD	60.84569	33.86903	13.58560	348.9412	478.2748	36.60861

#1	.0005116	-.006249	.0020114	.001524	.0003726	-.001244
#2	.0001090	-.011251	.0024149	-.001949	.0010779	-.000857
#3	.0004182	-.012789	.0018648	-.001136	-.000842	-.001805

Elem	Sr4077
Units	ppm
Avg	.0002404
Stddev	.0001857
%RSD	77.26047

#1	.0004495
#2	.0001773
#3	.0000945

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1401.221	2256.341	29531.65	5118.285	2376.113
Stddev	4.882	3.233	70.15	33.864	4.745
%RSD	.3484296	.1432952	.2375304	.6616190	.1997009

#1	1402.012	2257.744	29502.10	5102.512	2378.920
#2	1395.992	2258.636	29481.12	5095.185	2378.785
#3	1405.660	2252.644	29611.74	5157.158	2370.634

Sample Name: K4087-01 Acquired: 08/22/2019 13:27:02 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HD-02-082119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0350254	-.042469	.2382247	.0673532	.0016724	184.7412	.7170114
Stddev	.0021468	.001486	.0022836	.0017812	.0011692	.7773	.0043516
%RSD	6.129212	3.498645	.9585858	2.644514	69.91233	.4207290	.6069032

#1	.0325670	-.043664	.2362781	.0656056	.0025111	184.2241	.7119868
#2	.0359791	-.040806	.2376575	.0691661	.0021693	185.6350	.7195589
#3	.0365301	-.042938	.2407384	.0672880	.0003368	184.3645	.7194885

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158446	-.002978	^ *****	.2659798	.3101983	.2426995	360.2861
Stddev	.0001409	.000226	-----	.0010181	.0008307	.0012298	1.7879
%RSD	.8893939	7.583171	-----	.3827878	.2678048	.5067073	.4962570

#1	.0160057	-.003108	^ -----	.2660817	.3095696	.2431807	358.4135
#2	.0157840	-.003109	^ -----	.2669431	.3111401	.2436158	361.9752
#3	.0157441	-.002717	^ -----	.2649145	.3098853	.2413018	360.4696

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.634796	25.74221	.2304602	-.001915	7.958466	.6346640	.3942722
Stddev	.017274	.09722	.0003713	.000236	.050098	.0026053	.0012246
%RSD	.4752429	.3776601	.1610890	12.31836	.6294891	.4105051	.3105991

#1	3.614888	25.66859	.2306705	-.002167	7.944551	.6331333	.3943998
#2	3.643674	25.85241	.2306785	-.001881	8.014051	.6376722	.3929889
#3	3.645825	25.70562	.2300315	-.001699	7.916798	.6331865	.3954281

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.576495	7.685618	-.097854	.0023477	1.638251	2.104423	.0073203
Stddev	.044205	.009821	.013271	.0002623	.015150	.049904	.0007717
%RSD	.6721704	.1277830	13.56208	11.17218	.9247802	2.371383	10.54230

#1	6.615816	7.688606	-.113013	.0020930	1.620759	2.160711	.0074126
#2	6.585021	7.693598	-.092210	.0023331	1.647215	2.086965	.0065066
#3	6.528647	7.674650	-.088337	.0026169	1.646779	2.065594	.0080418

Sample Name: K4087-01 Acquired: 08/22/2019 13:27:02 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HD-02-082119 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.176205	.0441866	.0717159
Stddev	.017815	.0003660	.0005006
%RSD	.5608985	.8283475	.6980670

#1	3.157946	.0440852	.0717901
#2	3.193540	.0438819	.0721752
#3	3.177129	.0445926	.0711823

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2769.906	4456.559	59048.31	10096.86	2560.903
Stddev	24.831	12.848	401.16	76.88	1.077
%RSD	.8964520	.2882967	.6793815	.7614202	.0420741

#1	2789.558	4442.128	59446.24	10009.74	2560.072
#2	2778.161	4466.755	59054.72	10125.68	2562.121
#3	2741.999	4460.794	58643.99	10155.17	2560.518

Sample Name: K4087-01DUP Acquired: 08/22/2019 13:30:43 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HD-02-082119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0335023	-.047368	.2363565	.0675805	.0017552	181.6611	.7133852
Stddev	.0010521	.001055	.0015849	.0023490	.0007471	.7764	.0014873
%RSD	3.140341	2.226331	.6705397	3.475839	42.56282	.4274027	.2084826

#1	.0337221	-.047000	.2347690	.0698674	.0009356	181.9290	.7121620
#2	.0344272	-.048558	.2379387	.0677000	.0019318	182.2681	.7150408
#3	.0323577	-.046548	.2363619	.0651740	.0023981	180.7862	.7129528

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156129	-.001775	^ *****	.2627110	.3132797	.2391336	358.0794
Stddev	.0001790	.000164	-----	.0014223	.0005016	.0001133	.9311
%RSD	1.146748	9.229339	-----	.5413853	.1601121	.0473732	.2600313

#1	.0157605	-.001622	^ -----	.2638424	.3138125	.2390210	358.0040
#2	.0156644	-.001948	^ -----	.2631764	.3132099	.2391323	359.0459
#3	.0154138	-.001756	^ -----	.2611144	.3128166	.2392476	357.1882

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.630438	25.54998	.2299425	-.001050	8.027347	.6254481	.3984259
Stddev	.006773	.06981	.0010470	.000022	.250140	.0045381	.0020101
%RSD	.1865481	.2732442	.4553291	2.140620	3.116103	.7255689	.5044979

#1	3.625818	25.52187	.2294815	-.001044	7.801339	.6301518	.3992829
#2	3.638212	25.62947	.2292050	-.001075	7.984593	.6250966	.3961293
#3	3.627283	25.49861	.2311409	-.001032	8.296109	.6210961	.3998653

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.482723	7.689240	-.103182	.0026258	1.658080	2.106023	.0066928
Stddev	.048225	.034009	.005803	.0000761	.004771	.021189	.0013429
%RSD	.7439062	.4422970	5.624305	2.896486	.2877348	1.006130	20.06441

#1	6.521802	7.715052	-.108826	.0026562	1.661529	2.127901	.0059091
#2	6.497538	7.650703	-.103489	.0025392	1.652635	2.085597	.0082434
#3	6.428828	7.701965	-.097231	.0026819	1.660076	2.104570	.0059259

Sample Name: K4087-01DUP Acquired: 08/22/2019 13:30:43 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: HD-02-082119 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.173791	.0442994	.0711540
Stddev	.003719	.0003672	.0002093
%RSD	.1171668	.8288124	.2941044
#1	3.172653	.0439075	.0712640
#2	3.177946	.0443556	.0712853
#3	3.170775	.0446353	.0709127

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2726.825	4443.938	58536.59	10177.19	2546.575
Stddev	25.983	7.648	243.41	99.51	4.875
%RSD	.9528604	.1720966	.4158264	.9777810	.1914181
#1	2715.627	4436.287	58368.91	10077.59	2543.260
#2	2756.529	4443.945	58815.78	10177.36	2544.293
#3	2708.318	4451.583	58425.08	10276.61	2552.172

Sample Name: K4087-01LX5 Acquired: 08/22/2019 13:34:25 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0133671	-.001236	.0504592	.0227832	.0012142	58.51674	.2345299
Stddev	.0015518	.004700	.0011229	.0012988	.0023152	.54326	.0013383
%RSD	11.60877	380.2649	2.225434	5.700533	190.6742	.9283885	.5706495

#1	.0147704	-.006291	.0516101	.0213985	-.001418	57.95105	.2330780
#2	.0117006	.003003	.0504008	.0229767	.002933	58.56479	.2347973
#3	.0136303	-.000420	.0493665	.0239744	.002128	59.03439	.2357143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052674	-.001866	1.326268	.0914331	.0646949	.0799799	120.7607
Stddev	.0001235	.000061	.031558	.0004938	.0006729	.0005768	1.0603
%RSD	2.345260	3.270013	2.379462	.5400096	1.040143	.7211798	.8780156

#1	.0053669	-.001797	1.306129	.0919241	.0647107	.0802233	119.6116
#2	.0051291	-.001913	1.362638	.0909367	.0640142	.0793213	120.9692
#3	.0053062	-.001889	1.310038	.0914384	.0653597	.0803951	121.7012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.238578	8.400716	.0475680	-.000222	2.502940	.2089162	.1330054
Stddev	.010998	.120640	.0006791	.000179	.156731	.0023351	.0005692
%RSD	.8879917	1.436071	1.427576	80.47617	6.261872	1.117717	.4279471

#1	1.226043	8.270579	.0470300	-.000228	2.680913	.2075764	.1336555
#2	1.243075	8.422746	.0483310	-.000041	2.385515	.2075597	.1327644
#3	1.246614	8.508824	.0473430	-.000398	2.442392	.2116125	.1325964

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.998116	1.652051	-.019840	.0007466	.3305371	.6910994	.0013666
Stddev	.044428	.007808	.002989	.0004345	.0049434	.0150975	.0004500
%RSD	2.223490	.4726480	15.06680	58.19946	1.495577	2.184561	32.93123

#1	1.961348	1.657529	-.022012	.0004856	.3357671	.7082206	.0008871
#2	1.985516	1.643110	-.021077	.0005060	.3259414	.6853817	.0017798
#3	2.047483	1.655514	-.016431	.0012483	.3299027	.6796959	.0014330

Sample Name: K4087-01LX5 Acquired: 08/22/2019 13:34:25 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.057190	.0127021	.0231541
Stddev	.010320	.0011013	.0002970
%RSD	.9762011	8.670403	1.282703

#1	1.045533	.0133707	.0228305
#2	1.060874	.0133048	.0232178
#3	1.065163	.0114310	.0234141

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1691.865	2732.490	35677.96	6217.287	2473.130
Stddev	1.306	16.128	145.14	29.248	17.587
%RSD	.0771896	.5902219	.4067932	.4704376	.7111324

#1	1690.469	2726.518	35543.04	6190.428	2462.226
#2	1693.056	2750.752	35659.33	6212.983	2493.419
#3	1692.071	2720.200	35831.52	6248.448	2463.745

Sample Name: K4087-01MS Acquired: 08/22/2019 13:57:34 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HD-02-082119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4260335	1.901210	1.248709	1.000211	.1111831	200.9593	.8666384
Stddev	.0014505	.014572	.002802	.005345	.0011472	1.2482	.0038103
%RSD	.3404749	.7664651	.2243992	.5344250	1.031765	.6211384	.4396680

#1	.4243588	1.894030	1.251365	1.005744	.1107075	199.6259	.8623064
#2	.4268466	1.917978	1.245781	.995075	.1103501	201.1517	.8681378
#3	.4268951	1.891621	1.248980	.999813	.1124915	202.1001	.8694709

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1140334	.1869149	^ *****	.4466936	.5182182	.3980377	352.7326
Stddev	.0005454	.0010131	-----	.0013799	.0009417	.0028166	1.4966
%RSD	.4783185	.5420141	-----	.3089227	.1817207	.7076088	.4242962

#1	.1145247	.1879292	^ -----	.4482702	.5184581	.3956970	351.0272
#2	.1134465	.1859030	^ -----	.4461049	.5171797	.3972527	353.3432
#3	.1141290	.1869126	^ -----	.4457056	.5190167	.4011635	353.8273

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.966575	27.66736	.7383141	.0380020	9.822627	.7605055	.5275019
Stddev	.007518	.23110	.0004054	.0002477	.189341	.0082495	.0018287
%RSD	.1513706	.8352639	.0549110	.6517834	1.927596	1.084742	.3466703

#1	4.958123	27.40870	.7387216	.0377219	9.607406	.7509824	.5295430
#2	4.972517	27.73990	.7379108	.0380917	9.896928	.7650698	.5269499
#3	4.969085	27.85349	.7383101	.0381923	9.963549	.7654641	.5260127

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.95609	13.13478	.0104984	.1851399	1.574475	2.259592	.6398421
Stddev	.05200	.05593	.0041045	.0007644	.004158	.012223	.0007152
%RSD	.4349325	.4258530	39.09638	.4128763	.2640897	.5409534	.1117699

#1	11.92948	13.08523	.0059404	.1846477	1.577065	2.267750	.6399329
#2	11.92278	13.19544	.0139023	.1860205	1.576682	2.245538	.6390859
#3	12.01601	13.12368	.0116527	.1847514	1.569679	2.265489	.6405076

Sample Name: K4087-01MS Acquired: 08/22/2019 13:57:34 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HD-02-082119 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.491588	.1086679	.1784700
Stddev	.012407	.0012249	.0009698
%RSD	.3553372	1.127188	.5434052

#1	3.478328	.1074528	.1779006
#2	3.493520	.1086485	.1779196
#3	3.502915	.1099024	.1795898

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2618.960	4278.603	56217.97	9654.806	2485.264
Stddev	12.304	5.649	209.86	91.817	3.507
%RSD	.4697904	.1320227	.3733038	.9509995	.1410941

#1	2605.109	4279.532	55988.35	9553.120	2482.691
#2	2628.623	4272.547	56399.84	9731.636	2489.258
#3	2623.148	4283.729	56265.73	9679.661	2483.842

Sample Name: K4087-01MSD Acquired: 08/22/2019 14:01:10 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HD-02-082119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4307460	1.894773	1.242237	1.000353	.1085720	205.2539	.8432582
Stddev	.0019484	.009859	.003080	.000503	.0035720	1.1369	.0056046
%RSD	.4523382	.5203137	.2479467	.0502931	3.290014	.5539128	.6646349

#1	.4296490	1.900531	1.244309	1.000276	.1125610	203.9505	.8368297
#2	.4329956	1.883389	1.238698	.999893	.1074860	205.7693	.8458268
#3	.4295934	1.900398	1.243705	1.000890	.1056690	206.0418	.8471182

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1160606	.1865312	^ *****	.4514990	.5098639	.3973216	358.7578
Stddev	.0004855	.0006912	-----	.0031724	.0017375	.0035423	1.9337
%RSD	.4182831	.3705732	-----	.7026386	.3407670	.8915469	.5389886

#1	.1160903	.1870083	^ -----	.4478981	.5085266	.3935844	356.6158
#2	.1155610	.1857385	^ -----	.4527166	.5092375	.3977505	359.2830
#3	.1165305	.1868469	^ -----	.4538822	.5118277	.4006300	360.3746

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.638942	27.62126	.7346184	.0380731	10.02938	.7756696	.5196786
Stddev	.032973	.19226	.0003461	.0001159	.20714	.0064844	.0039476
%RSD	.7107802	.6960723	.0471186	.3044582	2.065366	.8359709	.7596247

#1	4.603158	27.42544	.7344512	.0381838	10.19145	.7686253	.5241750
#2	4.645573	27.62858	.7350164	.0379526	9.79600	.7813895	.5180786
#3	4.668096	27.80976	.7343877	.0380828	10.10069	.7769941	.5167822

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.97756	12.94638	.0097453	.1869902	1.526133	2.350957	.6366652
Stddev	.03655	.06315	.0047815	.0004796	.008404	.010829	.0030179
%RSD	.3051276	.4877748	49.06484	.2564715	.5506878	.4606416	.4740137

#1	11.94008	13.00995	.0047220	.1870522	1.520468	2.362702	.6371024
#2	12.01310	12.88366	.0142413	.1874358	1.522142	2.348802	.6394407
#3	11.97951	12.94554	.0102727	.1864827	1.535789	2.341367	.6334526

Sample Name: K4087-01MSD Acquired: 08/22/2019 14:01:10 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HD-02-082119 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.522406	.1110234	.1796485
Stddev	.026979	.0004173	.0003886
%RSD	.7659297	.3758830	.2163164

#1	3.493705	.1105646	.1792558
#2	3.526266	.1113804	.1796569
#3	3.547248	.1111250	.1800328

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2614.055	4235.309	55953.85	9490.862	2484.753
Stddev	43.262	9.257	252.92	68.385	4.232
%RSD	1.654982	.2185571	.4520073	.7205363	.1703309

#1	2567.939	4227.031	55795.36	9413.378	2480.126
#2	2620.482	4233.592	55820.66	9516.426	2485.703
#3	2653.745	4245.304	56245.52	9542.782	2488.429

Sample Name: K4087-01A Acquired: 08/22/2019 14:04:46 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.4265194	1.900743	1.255462	.9966977	.1111100	200.8957	.8670911
Stddev	.0038406	.004745	.003249	.0014665	.0005171	2.3076	.0060456
%RSD	.9004421	.2496629	.2587707	.1471331	.4653997	1.148653	.6972265

#1	.4242467	1.899450	1.258800	.9983609	.1115285	198.8243	.8607758
#2	.4243579	1.906001	1.255275	.9961415	.1105319	203.3829	.8728250
#3	.4309537	1.896778	1.252310	.9955907	.1112695	200.4797	.8676724

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1141907	.1878300	^ *****	.4460981	.5201647	.3941532	353.7228
Stddev	.0014832	.0004024	-----	.0013517	.0006417	.0032923	2.7180
%RSD	1.298868	.2142358	-----	.3030072	.1233734	.8352904	.7684024

#1	.1131916	.1874181	^ -----	.4458868	.5194262	.3917524	351.1098
#2	.1158949	.1882221	^ -----	.4475430	.5204811	.3979064	356.5349
#3	.1134856	.1878497	^ -----	.4448644	.5205869	.3928009	353.5236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.018614	27.87104	.7366041	.0384829	9.916295	.7659352	.5175096
Stddev	.037046	.30826	.0013242	.0002936	.097712	.0089734	.0023875
%RSD	.7381709	1.106010	.1797781	.7628444	.9853701	1.171559	.4613450

#1	4.983163	27.58908	.7373595	.0387466	9.851869	.7575199	.5199609
#2	5.057072	28.20016	.7350750	.0381666	10.02872	.7753782	.5151915
#3	5.015606	27.82390	.7373778	.0385356	9.86829	.7649074	.5173764

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.90878	13.08616	.0072365	.1853546	1.551176	2.160210	.6422756
Stddev	.18067	.05192	.0024165	.0003156	.006665	.040143	.0016100
%RSD	1.517100	.3967619	33.39255	.1702796	.4296590	1.858308	.2506675

#1	11.78208	13.13825	.0056645	.1857187	1.543737	2.124209	.6418853
#2	12.11566	13.03441	.0060260	.1851848	1.553189	2.203498	.6408968
#3	11.82860	13.08584	.0100190	.1851602	1.556602	2.152924	.6440449

Sample Name: K4087-01A Acquired: 08/22/2019 14:04:46 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.494887	.1085511	.1780983
Stddev	.030355	.0001052	.0025305
%RSD	.8685519	.0969039	1.420829

#1	3.466313	.1086435	.1766177
#2	3.526754	.1085733	.1810202
#3	3.491594	.1084366	.1766571

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2628.460	4302.448	56308.06	9673.869	2492.130
Stddev	25.276	3.938	457.75	98.928	5.173
%RSD	.9616106	.0915290	.8129391	1.022636	.2075633

#1	2599.308	4298.065	55788.82	9688.364	2496.925
#2	2641.829	4303.590	56482.03	9568.492	2486.648
#3	2644.244	4305.689	56653.31	9764.750	2492.817

Sample Name: K4089-03 Acquired: 08/22/2019 14:08:21 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-01-082119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0320547	-.006928	.1550656	.0609088	.0021515	136.1162	.4677675
Stddev	.0029436	.000922	.0014686	.0021150	.0024314	2.8864	.0044397
%RSD	9.182989	13.31535	.9470639	3.472419	113.0127	2.120510	.9491301

#1	.0328162	-.007606	.1552141	.0584761	-.000521	133.6284	.4632929
#2	.0288053	-.007300	.1535285	.0623116	.002742	135.4394	.4678383
#3	.0345428	-.005877	.1564543	.0619388	.004233	139.2808	.4721715

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081040	-.004485	49.56255	.2343851	.1840184	.5618377	292.8937
Stddev	.0002168	.000304	.43433	.0010296	.0005577	.0131839	4.6660
%RSD	2.675390	6.770241	.8763365	.4392628	.3030577	2.346568	1.593063

#1	.0079206	-.004162	49.14899	.2355403	.1842863	.5519759	288.6066
#2	.0080480	-.004765	49.52361	.2335643	.1843915	.5567250	292.2112
#3	.0083433	-.004528	50.01504	.2340507	.1833773	.5768122	297.8634

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.642980	91.45225	.3184933	-.001142	8.312558	.5098622	.5379489
Stddev	.041059	1.43427	.0008617	.000471	.196095	.0145412	.0048741
%RSD	1.127082	1.568327	.2705710	41.20386	2.359016	2.851980	.9060622

#1	3.601753	90.07167	.3193491	-.001685	8.115388	.4978368	.5384468
#2	3.643317	91.35031	.3176257	-.000864	8.314728	.5057266	.5425549
#3	3.683869	92.93477	.3185051	-.000877	8.507560	.5260232	.5328449

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.25740	10.28485	-.033654	.0034126	10.96004	1.291662	-.008668
Stddev	.45875	.03028	.004783	.0003198	.03883	.010540	.002722
%RSD	2.382188	.2943942	14.21337	9.371032	.3543158	.8159936	31.39877

#1	18.81819	10.30219	-.035894	.0034303	10.97835	1.294474	-.007660
#2	19.22055	10.30247	-.036907	.0030843	10.98633	1.300511	-.006595
#3	19.73346	10.24989	-.028162	.0037231	10.91544	1.280002	-.011750

Sample Name: K4089-03 Acquired: 08/22/2019 14:08:21 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-01-082119 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.890893	.1055400	.1150867
Stddev	.120597	.0010692	.0028005
%RSD	1.750087	1.013026	2.433345

#1	6.788014	.1043126	.1124915
#2	6.861058	.1062692	.1147136
#3	7.023607	.1060381	.1180550

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1712.622	2780.360	36668.08	6272.037	2471.164
Stddev	9.340	4.937	118.94	32.475	7.439
%RSD	.5453651	.1775593	.3243655	.5177797	.3010388

#1	1718.707	2775.579	36791.15	6295.886	2462.849
#2	1701.868	2785.439	36553.75	6285.173	2473.456
#3	1717.291	2780.061	36659.35	6235.051	2477.188

Sample Name: K4450-04 Acquired: 08/22/2019 14:12:01 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: WC-(A-C) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0660319	-.018143	23.89815	.0893917	.0233016	139.9482	6.629354
Stddev	.0039320	.002027	.00563	.0019250	.0002448	1.8530	.063246
%RSD	5.954724	11.17201	.0235453	2.153491	1.050554	1.324069	.9540355

#1	.0700701	-.020455	23.89304	.0912372	.0230219	138.0765	6.560350
#2	.0658100	-.017300	23.89722	.0873960	.0234057	139.9862	6.643143
#3	.0622155	-.016673	23.90418	.0895420	.0234771	141.7819	6.684568

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080363	.0535115	209.1388	1.744651	.1910978	9.744878	418.7978
Stddev	.0001413	.0001531	2.2075	.005957	.0004097	.139559	4.4789
%RSD	1.758683	.2860703	1.055518	.3414229	.2143977	1.432125	1.069478

#1	.0080532	.0536882	206.7469	1.751196	.1911903	9.599595	413.8543
#2	.0081683	.0534261	209.5718	1.743210	.1914534	9.757134	419.9531
#3	.0078872	.0534201	211.0977	1.739547	.1906498	9.877904	422.5859

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.072728	88.57438	.4693435	.0200983	15.82779	.5988225	5.579192
Stddev	.038984	.87971	.0009368	.0004941	.09457	.0071935	.012594
%RSD	.9571886	.9931883	.1996066	2.458661	.5974974	1.201273	.2257355

#1	4.029212	87.59470	.4697323	.0195384	15.73327	.5906208	5.564732
#2	4.084510	88.83170	.4682749	.0202827	15.82768	.6017852	5.587768
#3	4.104461	89.29674	.4700234	.0204737	15.92241	.6040615	5.585075

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.293213	7.300363	-.008127	.0283014	15.04902	1.206331	.2188425
Stddev	.073434	.020527	.009406	.0003997	.04194	.006575	.0036732
%RSD	1.387325	.2811788	115.7357	1.412196	.2787025	.5450622	1.678470

#1	5.229902	7.323969	-.018402	.0282834	15.09709	1.199164	.2196420
#2	5.276019	7.286711	-.006039	.0279110	15.01988	1.212085	.2220502
#3	5.373719	7.290408	.000059	.0287097	15.03009	1.207744	.2148354

Sample Name: K4450-04 Acquired: 08/22/2019 14:12:01 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: WC-(A-C) Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.964494	.0505087	.7100622
Stddev	.094084	.0009024	.0092836
%RSD	1.350904	1.786661	1.307429

#1	6.867437	.0494697	.7002250
#2	6.970753	.0510968	.7112920
#3	7.055292	.0509597	.7186695

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1549.705	2535.850	33773.72	5884.214	2486.624
Stddev	4.357	4.546	222.79	8.428	3.065
%RSD	.2811722	.1792775	.6596428	.1432238	.1232506

#1	1549.796	2537.409	33517.15	5878.348	2488.664
#2	1554.016	2530.729	33885.72	5893.871	2483.100
#3	1545.303	2539.411	33918.27	5880.423	2488.110

Sample Name: K4450-08 Acquired: 08/22/2019 14:15:38 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: WC-G1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0384593	-.000489	.1095659	.0213021	.0036565	125.0972
Stddev	.0023807	.004134	.0009384	.0036384	.0019642	3.2284
%RSD	6.190230	845.1682	.8564995	17.07997	53.71949	2.580693

#1	.0382422	-.002518	.1094615	.0175115	.0030050	121.8413
#2	.0409412	.004267	.1105521	.0216285	.0021008	125.1530
#3	.0361947	-.003217	.1086840	.0247662	.0058637	128.2973

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.043647	.0057656	.0003049	F 1852.500	.2801758	.0291725
Stddev	.019663	.0001283	.0001147	43.843	.0016196	.0007764
%RSD	1.884067	2.224806	37.60483	2.366683	.5780496	2.661503

#1	1.026580	.0056189	.0002113	1801.889	.2813752	.0299387
#2	1.039212	.0058564	.0004328	1876.771	.2808187	.0291925
#3	1.065149	.0058216	.0002707	1878.840	.2783335	.0283863

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0995029	77.63378	1.819111	65.61256	.1080274	-.000773
Stddev	.0040216	1.65319	.033889	1.37936	.0005747	.000195
%RSD	4.041748	2.129470	1.862953	2.102277	.5320274	25.17933

#1	.0955499	76.01906	1.787545	64.32686	.1078398	-.000975
#2	.0993688	77.55936	1.814866	65.44124	.1086725	-.000759
#3	.1035899	79.32292	1.854923	67.06957	.1075699	-.000586

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.634354	.1555270	.2985096	10.13248	3.751282	.2259881
Stddev	.233404	.0053541	.0009188	.25702	.012083	.0040784
%RSD	8.860015	3.442536	.3077883	2.536581	.3220965	1.804702

#1	2.646011	.1513443	.2994952	9.85950	3.744338	.2222838
#2	2.861711	.1536756	.2976767	10.16812	3.765234	.2253218
#3	2.395339	.1615610	.2983570	10.36982	3.744273	.2303586

Sample Name: K4450-08 Acquired: 08/22/2019 14:15:38 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: WC-G1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100414	62.38078	.6718938	-.008909	3.956465	.1674732
Stddev	.0004405	.06480	.0211230	.000392	.093996	.0022593
%RSD	4.386481	.1038765	3.143801	4.405519	2.375746	1.349051

#1	.0104825	62.35723	.6512440	-.008753	3.858029	.1662622
#2	.0100403	62.33106	.6709774	-.008618	3.966085	.1660775
#3	.0096015	62.45406	.6934601	-.009355	4.045280	.1700798

Elem	Sr4077
Units	ppm
Avg	14.32888
Stddev	.23133
%RSD	1.614467

#1	14.14508
#2	14.25290
#3	14.58864

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1379.768	2283.623	29877.65	5190.537	2320.869
Stddev	3.978	3.165	143.08	74.308	5.318
%RSD	.2883408	.1385957	.4788817	1.431611	.2291543

#1	1379.743	2282.819	29771.53	5267.291	2319.393
#2	1383.759	2287.112	29821.04	5185.378	2326.770
#3	1375.802	2280.937	30040.37	5118.943	2316.445

Sample Name: K4450-10 Acquired: 08/22/2019 14:19:39 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: WC-G2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0764405	.0075997	3.165391	.0241722	.0080354	170.9812
Stddev	.0050628	.0030215	.006112	.0015620	.0005600	1.7843
%RSD	6.623205	39.75869	.1930803	6.461867	6.968483	1.043572

#1	.0777679	.0108939	3.158927	.0241413	.0074962	168.9536
#2	.0807074	.0049571	3.171076	.0257494	.0086140	171.6787
#3	.0708462	.0069481	3.166170	.0226259	.0079960	172.3115

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.159602	.0076983	.0757347	F 2132.283	.3039127	.0687045
Stddev	.004909	.0000423	.0000199	46.011	.0007224	.0001811
%RSD	.4233257	.5495818	.0262585	2.157817	.2377139	.2636560

#1	1.153946	.0076862	.0757225	2087.720	.3033357	.0686237
#2	1.162101	.0077454	.0757240	2129.511	.3047230	.0689120
#3	1.162758	.0076634	.0757577	2179.617	.3036794	.0685779

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.922562	102.4272	2.583502	71.84699	.2379220	.0006257
Stddev	.015826	.9236	.024531	.48933	.0013382	.0001869
%RSD	.8231785	.9016883	.9495402	.6810742	.5624508	29.87416

#1	1.905226	101.3608	2.555397	71.28274	.2389231	.0006233
#2	1.926221	102.9509	2.594491	72.10334	.2364021	.0008139
#3	1.936237	102.9699	2.600618	72.15489	.2384408	.0004400

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.404767	.4746296	13.88981	1.656015	5.206945	.1452184
Stddev	.117092	.0076047	.02695	.152823	.031583	.0034796
%RSD	8.335359	1.602237	.1940579	9.228343	.6065636	2.396096

#1	1.316860	.4668664	13.89603	1.498613	5.239231	.1417632
#2	1.359756	.4749572	13.86029	1.665627	5.176115	.1487219
#3	1.537686	.4820652	13.91311	1.803804	5.205487	.1451700

Sample Name: K4450-10 Acquired: 08/22/2019 14:19:39 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: WC-G2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032770	50.94756	.5291622	.0155342	5.140164	.0392782
Stddev	.0007770	.10311	.0054309	.0007992	.048323	.0011293
%RSD	23.71231	.2023868	1.026318	5.144573	.9401118	2.875149

#1	.0026426	50.98447	.5347523	.0150660	5.084768	.0380109
#2	.0030446	50.83107	.5288282	.0150798	5.162068	.0396458
#3	.0041437	51.02713	.5239059	.0164570	5.173657	.0401779

Elem	Sr4077
Units	ppm
Avg	5.474069
Stddev	.058568
%RSD	1.069912

#1	5.439390
#2	5.541690
#3	5.441127

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1425.613	2355.864	30911.87	5378.588	2293.364
Stddev	2.913	5.210	165.42	7.574	3.462
%RSD	.2043080	.2211516	.5351495	.1408211	.1509546

#1	1427.835	2360.717	30727.56	5372.984	2293.105
#2	1426.689	2350.358	31047.45	5387.205	2290.038
#3	1422.316	2356.516	30960.61	5375.576	2296.948

Sample Name: CCV05 Acquired: 08/22/2019 14:23:36 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15388 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.966665	4.833379	4.917347	4.962113	4.940660	9.615595	9.952907
Stddev	.007656	.010041	.006916	.008979	.018480	.090065	.050615
%RSD	.1541460	.2077484	.1406448	.1809444	.3740450	.9366513	.5085415

#1	4.966174	4.821890	4.909452	4.966537	4.921594	9.592182	9.899507
#2	4.959267	4.840478	4.922333	4.968022	4.941895	9.539549	9.959036
#3	4.974555	4.837768	4.920258	4.951781	4.958493	9.715054	10.00018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2433031	2.466258	24.90456	.9914139	2.460967	1.198955	4.965489
Stddev	.0013088	.003138	.12450	.0006963	.005221	.011006	.054001
%RSD	.5379115	.1272394	.4999161	.0702332	.2121594	.9179534	1.087517

#1	.2421185	2.462891	24.76531	.9906776	2.455854	1.198432	4.926887
#2	.2430828	2.469101	24.94320	.9915024	2.466290	1.188221	4.942381
#3	.2447081	2.466782	25.00515	.9920617	2.460756	1.210214	5.027198

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.461199	24.22949	2.468612	1.255464	25.51436	2.431666	2.463122
Stddev	.015499	.18191	.006159	.009337	.16976	.019220	.007409
%RSD	.6297365	.7507895	.2494921	.7436704	.6653483	.7904028	.3007995

#1	2.444228	24.11783	2.461690	1.266061	25.42956	2.425319	2.457920
#2	2.464764	24.13125	2.473486	1.251887	25.40370	2.416422	2.459842
#3	2.474606	24.43940	2.470660	1.248445	25.70981	2.453256	2.471605

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.80349	5.095183	4.826273	4.915009	4.920810	4.759393	4.910939
Stddev	.15834	.012080	.013276	.017666	.015249	.024899	.009606
%RSD	.6651988	.2370902	.2750741	.3594292	.3098850	.5231643	.1956045

#1	23.74029	5.108304	4.820227	4.899636	4.938358	4.735251	4.900608
#2	23.68652	5.084522	4.817096	4.911082	4.913292	4.757943	4.912609
#3	23.98368	5.092722	4.841495	4.934307	4.910780	4.784986	4.919601

Sample Name: CCV05 Acquired: 08/22/2019 14:23:36 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV15388 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.780738	4.964294	4.830020
Stddev	.029399	.030813	.086825
%RSD	.6149423	.6207021	1.797605

#1	4.763958	4.928928	4.752871
#2	4.763573	4.985355	4.813145
#3	4.814684	4.978599	4.924043

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1361.601	2229.252	28819.95	4917.072	2415.227
Stddev	2.102	5.638	158.41	12.034	2.513
%RSD	.1543994	.2529119	.5496436	.2447439	.1040541

#1	1361.509	2232.664	28656.15	4930.950	2415.800
#2	1359.547	2232.347	28831.36	4909.522	2417.403
#3	1363.748	2222.744	28972.35	4910.743	2412.476

Sample Name: CCB05 Acquired: 08/22/2019 14:27:15 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15388 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002140	.0014042	.0014873	.0015439	.0009674	-.004303	.0015948
Stddev	.002591	.0018844	.0020949	.0013257	.0009017	.002099	.0005225
%RSD	121.0864	134.1914	140.8548	85.86736	93.21004	48.79433	32.76217

#1	-.004955	.0031174	-.000908	.0014816	.0017554	-.003878	.0021892
#2	.000143	-.000614	.002975	.0028996	.0011627	-.002448	.0013867
#3	-.001606	.001710	.002395	.0002504	-.000016	-.006582	.0012084

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000040	.0000201	.0188247	-.000454	-.000248	-.000163	.0045389
Stddev	.000027	.0000749	.0051496	.000035	.000169	.001605	.0060950
%RSD	67.76897	373.1892	27.35544	7.641885	68.38934	982.0105	134.2835

#1	-.000054	.0000952	.0133564	-.000445	-.000307	-.000757	.0100530
#2	-.000009	-.000055	.0235815	-.000492	-.000057	.001654	-.002006
#3	-.000058	.000020	.0195362	-.000425	-.000379	-.001387	.005569

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012176	.0052506	.0002653	.0002515	.3779157	.0019720	.0023640
Stddev	.0000831	.0043038	.0002905	.0003230	.1753533	.0029556	.0003023
%RSD	6.825886	81.96694	109.5354	128.4191	46.40012	149.8785	12.78886

#1	.0012675	.0055204	.0002400	-.000010	.3731104	.0028686	.0024628
#2	.0011216	.0094131	.0005676	.000613	.2050144	.0043755	.0026044
#3	.0012636	.0008183	-.000012	.000152	.5556223	-.001328	.0020246

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0465556	-.000812	.0048519	.0005967	-.009251	-.000179	-.001881
Stddev	.0292331	.000825	.0003834	.0001997	.002505	.000836	.000569
%RSD	62.79180	101.6755	7.901847	33.46925	27.07382	467.4112	30.21990

#1	.0803037	-.001725	.0052338	.0008268	-.007312	.000312	-.001597
#2	.0302917	-.000119	.0048549	.0004675	-.012079	.000295	-.001512
#3	.0290714	-.000591	.0044671	.0004959	-.008364	-.001145	-.002536

Sample Name: CCB05 Acquired: 08/22/2019 14:27:15 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15388 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010258	.0022190	.0002320
Stddev	.0003375	.0007954	.0000889
%RSD	32.90144	35.84435	38.34800

#1	.0014008	.0020626	.0003078
#2	.0007466	.0015134	.0002540
#3	.0009299	.0030809	.0001341

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1392.797	2237.324	28973.61	4919.328	2344.802
Stddev	9.668	6.861	132.02	2.727	4.874
%RSD	.6941256	.3066418	.4556400	.0554325	.2078472

#1	1393.636	2232.072	29123.49	4916.267	2341.783
#2	1382.737	2245.086	28874.59	4921.497	2350.425
#3	1402.018	2234.814	28922.75	4920.221	2342.199

Sample Name: PB122473BL Acquired: 08/22/2019 14:31:08 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0013486	.0018249	.0003285	-.001694	.0007364	-.013804
Stddev	.0049226	.0014766	.0020974	.000256	.0007839	.004821
%RSD	365.0237	80.91336	638.5260	15.10512	106.4467	34.92014

#1	-.003876	.0015387	-.001729	-.001511	-.000074	-.013949
#2	.002022	.0034236	.002463	-.001584	.001490	-.018551
#3	.005900	.0005123	.000251	-.001986	.000794	-.008913

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000101	-.000043	.0000056	.0120390	.0000035	-.000314
Stddev	.000604	.000031	.0000124	.0132338	.0004699	.000221
%RSD	595.7478	71.84206	222.6206	109.9252	13419.66	70.25645

#1	.000144	-.000079	.0000180	-.002887	-.000531	-.000331
#2	-.000789	-.000026	.0000054	.016665	.000191	-.000527
#3	.000341	-.000025	-.000007	.022339	.000351	-.000086

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002800	.0028456	.0008921	.0020402	.0002228	.0001756
Stddev	.000766	.0044732	.0001828	.0231788	.0006642	.0001995
%RSD	27.35956	157.2008	20.49276	1136.099	298.0919	113.6157

#1	-.002185	-.002181	.0009814	-.017943	.0007238	-.000008
#2	-.002558	.004330	.0006818	-.003388	.0004753	.000388
#3	-.003658	.006388	.0010132	.027451	-.000531	.000147

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.113688	.0000934	.0011595	-.118034	-.003094	-.002320
Stddev	.066683	.0012110	.0002443	.057386	.003012	.000771
%RSD	5.987594	1295.868	21.06950	48.61811	97.35912	33.24415

#1	1.046937	.0014845	.0009735	-.174025	.000358	-.001618
#2	1.180303	-.000725	.0014362	-.059348	-.005188	-.003146
#3	1.113824	-.000479	.0010688	-.120730	-.004451	-.002197

Sample Name: PB122473BL Acquired: 08/22/2019 14:31:08 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	-.000062	F -.010465	-.003196	-.001985	-.000662	.0026114
Stddev	.000537	.002241	.000808	.000836	.000860	.0012719
%RSD	869.3789	21.41370	25.27983	42.13864	129.9427	48.70484

#1	-.000090	-.009979	-.002409	-.002748	-.000896	.0030726
#2	-.000584	-.012909	-.003156	-.002115	.000291	.0035883
#3	.000489	-.008507	-.004024	-.001091	-.001381	.0011733

Elem	Sr4077
Units	ppm
Avg	.0000793
Stddev	.0001152
%RSD	145.1996

#1	-.000027
#2	.000064
#3	.000202

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1392.973	2240.452	28988.47	4931.421	2347.142
Stddev	4.494	4.062	105.25	17.468	5.022
%RSD	.3226429	.1813219	.3630730	.3542248	.2139592

#1	1397.898	2238.385	29083.29	4924.650	2341.550
#2	1389.094	2237.839	29006.90	4918.353	2351.266
#3	1391.927	2245.133	28875.23	4951.262	2348.610

Sample Name: PB122462BS Acquired: 08/22/2019 14:35:02 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.8175375	1.991731	1.031982	1.967018	.8302131	2.047302
Stddev	.0057225	.002060	.003310	.005706	.0014195	.018612
%RSD	.6999658	.1034489	.3207287	.2900682	.1709806	.9091023

#1	.8176418	1.993780	1.032920	1.970104	.8291088	2.032080
#2	.8232071	1.991754	1.028304	1.970515	.8318142	2.041774
#3	.8117636	1.989659	1.034722	1.960433	.8297163	2.068052

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2145503	.2023258	.2153253	1.015716	.4258931	.2093089
Stddev	.0008028	.0007673	.0000613	.003506	.0019045	.0000705
%RSD	.3741813	.3792360	.0284823	.3451812	.4471773	.0336748

#1	.2136597	.2031918	.2153082	1.013238	.4275125	.2092846
#2	.2152183	.2017308	.2152743	1.014183	.4237949	.2093883
#3	.2147730	.2020549	.2153934	1.019728	.4263719	.2092537

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3127680	3.273450	.2134670	2.072136	.5310333	.0765346
Stddev	.0027488	.024110	.0023834	.013955	.0004943	.0002403
%RSD	.8788685	.7365445	1.116516	.6734708	.0930724	.3139495

#1	.3159416	3.245612	.2110952	2.083626	.5305074	.0763527
#2	.3112289	3.287054	.2134438	2.056607	.5311042	.0764441
#3	.3111336	3.287685	.2158618	2.076176	.5314882	.0768070

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.557041	.3213455	.2191269	9.898699	F 6.541537	.2884363
Stddev	.067558	.0055228	.0024209	.104846	.018748	.0010274
%RSD	1.899268	1.718639	1.104800	1.059186	.2866041	.3562025

#1	3.633553	.3175654	.2165233	9.809433	6.520283	.2882839
#2	3.505612	.3276835	.2213101	10.01416	6.548603	.2895315
#3	3.531959	.3187875	.2195472	9.87251	6.555726	.2874937

Sample Name: PB122462BS Acquired: 08/22/2019 14:35:02 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.4004963	F -.010280	.9449078	.7160199	.1960399	F .1125288
Stddev	.0008701	.002301	.0064746	.0020290	.0005559	.0024119
%RSD	.2172687	22.38244	.6852093	.2833713	.2835782	2.143370

#1	.4011958	-.011207	.9523789	.7137338	.1959222	.1101325
#2	.4007713	-.011973	.9409317	.7176068	.1955523	.1124978
#3	.3995219	-.007660	.9414130	.7167191	.1966453	.1149560

Elem	Sr4077
Units	ppm
Avg	.2084362
Stddev	.0006231
%RSD	.2989434

#1	.2080487
#2	.2081050
#3	.2091550

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1366.667	2205.236	28684.81	4842.658	2358.079
Stddev	2.007	12.041	168.83	39.443	7.440
%RSD	.1468178	.5460255	.5885739	.8144886	.3155255

#1	1365.381	2198.148	28608.30	4797.303	2350.422
#2	1365.641	2198.420	28567.78	4861.738	2358.532
#3	1368.979	2219.139	28878.35	4868.932	2365.282

Sample Name: PB122462BL Acquired: 08/22/2019 14:38:43 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0004072	.0024690	.0000325	.0000787	.0005213	-.013967	.0005929
Stddev	.0006426	.0024105	.0025847	.0025902	.0007560	.008403	.0002580
%RSD	157.7957	97.63433	7948.227	3291.902	145.0206	60.16469	43.50982

#1	.0001490	.0025570	-.000968	.0026421	.0007714	-.022842	.0003861
#2	-.000066	.0000156	.002968	.0001316	-.000328	-.006132	.0005107
#3	.001139	.0048343	-.001902	-.002538	.001121	-.012927	.0008820

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000051	-.000054	.0128525	-.000138	-.000364	-.000870	.0123430
Stddev	.000029	.000010	.0040313	.000273	.000459	.001676	.0069060
%RSD	56.15421	18.06697	31.36560	197.0401	125.9347	192.5928	55.95048

#1	-.000050	-.000061	.0084042	-.000294	-.000050	.000967	.0056167
#2	-.000023	-.000057	.0162642	.000176	-.000891	-.001264	.0119967
#3	-.000080	-.000043	.0138891	-.000297	-.000153	-.002314	.0194157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004153	-.010605	.0004002	-.000127	.7481613	.0016946	.0005849
Stddev	.0003728	.013885	.0002623	.000079	.1928606	.0039035	.0002819
%RSD	89.75311	130.9320	65.55513	62.59046	25.77795	230.3477	48.20382

#1	.0004532	.005402	.0007030	-.000212	.5392047	.0057390	.0009104
#2	.0000251	-.019399	.0002538	-.000113	.9193335	-.002051	.0004267
#3	.0007677	-.017818	.0002436	-.000056	.7859457	.001396	.0004175

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.123126	-.000879	-.004992	-.000247	-.009557	-.002689	-.003851
Stddev	.007604	.000836	.001050	.000225	.001722	.001616	.001827
%RSD	6.176031	95.09345	21.02815	91.01717	18.01520	60.09195	47.44586

#1	-.118241	-.000649	-.004324	-.000443	-.008660	-.002522	-.001812
#2	-.119250	-.001805	-.006202	-.000002	-.011542	-.004381	-.005340
#3	-.131888	-.000182	-.004450	-.000295	-.008470	-.001163	-.004399

Sample Name: PB122462BL Acquired: 08/22/2019 14:38:43 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009947	.0009942	-.000032
Stddev	.0003535	.0006571	.000164
%RSD	35.54061	66.09294	517.0928

#1	.0006106	.0002439	.000104
#2	.0013064	.0012714	.000015
#3	.0010672	.0014672	-.000214

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1386.274	2241.089	28940.13	4947.657	2347.416
Stddev	5.333	4.019	85.30	15.751	3.523
%RSD	.3846807	.1793117	.2947546	.3183434	.1500862

#1	1388.851	2239.068	28864.54	4959.186	2346.909
#2	1380.142	2238.481	29032.61	4954.074	2344.173
#3	1389.828	2245.717	28923.24	4929.711	2351.165

Sample Name: PB122473BS Acquired: 08/22/2019 14:42:37 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.8358560	2.160340	1.105628	1.925289	.8203211	2.164749
Stddev	.0030167	.004868	.004644	.002961	.0013467	.016838
%RSD	.3609107	.2253526	.4200367	.1537956	.1641644	.7778430

#1	.8339327	2.165791	1.107921	1.923042	.8205825	2.159506
#2	.8343025	2.158802	1.100283	1.924182	.8188628	2.151156
#3	.8393328	2.156426	1.108680	1.928644	.8215178	2.183585

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2309751	.2037911	.2301600	1.074019	.4567727	.2272078
Stddev	.0010426	.0011528	.0002862	.005999	.0011771	.0004872
%RSD	.4514100	.5656741	.1243707	.5585794	.2576884	.2144463

#1	.2300028	.2026415	.2304242	1.067095	.4579413	.2276428
#2	.2308464	.2037847	.2298559	1.077313	.4567895	.2272994
#3	.2320761	.2049470	.2302000	1.077650	.4555874	.2266813

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3299062	3.501447	.2268832	2.194709	.5711944	.0801906
Stddev	.0029883	.032337	.0018820	.042690	.0004964	.0002469
%RSD	.9057975	.9235325	.8295010	1.945127	.0868962	.3078368

#1	.3282680	3.474287	.2247326	2.145722	.5706672	.0804574
#2	.3280953	3.492837	.2282289	2.223958	.5716526	.0801442
#3	.3333553	3.537218	.2276882	2.214447	.5712633	.0799703

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3.729264	.3440443	.2249015	10.59724	F 6.666695	.2908282
Stddev	.166382	.0033641	.0010762	.15813	.013577	.0019684
%RSD	4.461531	.9778088	.4785146	1.492150	.2036561	.6768316

#1	3.756668	.3402019	.2250126	10.65824	6.671476	.2887596
#2	3.550882	.3454712	.2237741	10.41770	6.651374	.2926781
#3	3.880244	.3464598	.2259179	10.71578	6.677234	.2910468

Sample Name: PB122473BS Acquired: 08/22/2019 14:42:37 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.4058363	F -.015998	.9151788	.7181369	.1945588	F .1197450
Stddev	.0015259	.001327	.0034093	.0014650	.0014885	.0009996
%RSD	.3759888	8.296749	.3725224	.2040036	.7650844	.8347376

#1	.4049926	-.015314	.9115693	.7164471	.1929279	.1189174
#2	.4049185	-.015153	.9183442	.7189144	.1958443	.1208555
#3	.4075977	-.017528	.9156230	.7190493	.1949040	.1194622

Elem	Sr4077
Units	ppm
Avg	.2247194
Stddev	.0016243
%RSD	.7228108

#1	.2239876
#2	.2235898
#3	.2265809

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1316.221	2123.293	27986.70	4788.663	2279.051
Stddev	4.685	6.779	243.63	7.338	9.847
%RSD	.3559310	.3192812	.8705069	.1532421	.4320577

#1	1312.057	2115.845	27705.96	4780.191	2267.713
#2	1315.311	2129.103	28111.48	4792.775	2283.978
#3	1321.294	2124.931	28142.66	4793.023	2285.461

Sample Name: K4450-12 Acquired: 08/22/2019 14:50:11 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: WC-L1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0510593	.0013826	1.123527	.0108872	.0053519	13.68288	.9607389
Stddev	.0027805	.0006482	.001212	.0020488	.0007452	.15872	.0085875
%RSD	5.445676	46.88124	.1078965	18.81810	13.92398	1.159975	.8938424

#1	.0499163	.0020678	1.124885	.0089576	.0055410	13.51048	.9508407
#2	.0490325	.0013008	1.122556	.0130373	.0059842	13.82293	.9651739
#3	.0542292	.0007792	1.123139	.0106667	.0045303	13.71523	.9662020

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010287	.0368198	10.31418	.0603110	.0047550	.1789402	41.12234
Stddev	.0000851	.0000847	.09386	.0005132	.0001651	.0044140	.48557
%RSD	8.276688	.2300251	.9100315	.8508941	3.470951	2.466759	1.180804

#1	.0010630	.0369141	10.20645	.0601701	.0046432	.1756043	40.56829
#2	.0010913	.0367952	10.35771	.0598829	.0049446	.1839455	41.47387
#3	.0009318	.0367502	10.37837	.0608798	.0046774	.1772709	41.32487

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.120994	2.400525	.0149673	.0005585	2.506379	.1359885	.9415154
Stddev	.008988	.076530	.0006842	.0002617	.311753	.0021345	.0022582
%RSD	.8018294	3.188062	4.571421	46.85891	12.43838	1.569601	.2398421

#1	1.110649	2.316770	.0142132	.0006848	2.246686	.1357359	.9400934
#2	1.126894	2.417995	.0155483	.0002576	2.420334	.1339915	.9403336
#3	1.125438	2.466810	.0151404	.0007331	2.852118	.1382379	.9441192

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.750324	2.740002	-.007483	.0020590	.9736020	.3227626	.0114370
Stddev	.009607	.004315	.000827	.0002472	.0045301	.0038007	.0020320
%RSD	.2561546	.1574789	11.05412	12.00637	.4652908	1.177550	17.76672

#1	3.739573	2.739478	-.008432	.0022483	.9753508	.3271429	.0097704
#2	3.758065	2.735973	-.007101	.0021493	.9684581	.3208077	.0137006
#3	3.753334	2.744555	-.006916	.0017793	.9769969	.3203374	.0108399

Sample Name: K4450-12 Acquired: 08/22/2019 14:50:11 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: WC-L1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3485163	.0054089	.6330575
Stddev	.0055463	.0007335	.0049280
%RSD	1.591414	13.56051	.7784464

#1	.3421149	.0053353	.6274623
#2	.3515502	.0061765	.6367527
#3	.3518839	.0047151	.6349575

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1533.421	2439.761	32003.46	5364.249	2465.294
Stddev	5.901	7.360	73.03	22.307	4.729
%RSD	.3848090	.3016601	.2281885	.4158414	.1918208

#1	1528.559	2446.914	31941.35	5385.142	2469.204
#2	1539.986	2440.160	32083.91	5340.756	2466.639
#3	1531.718	2432.210	31985.12	5366.850	2460.038

Sample Name: K4450-14 Acquired: 08/22/2019 14:53:56 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: WC-L2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195880	-.000329	.3938690	.0089918	.0021809	20.95588	.1754708
Stddev	.0016757	.002579	.0019517	.0012229	.0020664	.19999	.0016189
%RSD	8.554527	783.3337	.4955071	13.60011	94.74894	.9543606	.9226285

#1	.0180740	.002547	.3927277	.0079379	-.000184	20.73260	.1736086
#2	.0193017	-.001101	.3961225	.0087050	.003089	21.01647	.1762595
#3	.0213884	-.002434	.3927567	.0103327	.003638	21.11858	.1765442

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012609	.0018820	78.06987	.0365644	.0065759	.0889415	44.73477
Stddev	.0000724	.0000479	.70841	.0002271	.0004194	.0021162	.35229
%RSD	5.740518	2.546952	.9074037	.6211825	6.377171	2.379324	.7875140

#1	.0013422	.0018763	77.25268	.0363684	.0070215	.0906979	44.33590
#2	.0012371	.0018371	78.44680	.0368133	.0061890	.0895345	44.86502
#3	.0012034	.0019325	78.51011	.0365114	.0065172	.0865920	45.00340

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.170754	5.325226	.0165731	-.000027	3.111285	.1213358	.1578700
Stddev	.016036	.024974	.0006225	.000142	.263138	.0020915	.0000808
%RSD	.7387267	.4689755	3.756057	535.9894	8.457527	1.723757	.0511688

#1	2.152381	5.296994	.0159720	-.000037	2.817111	.1214990	.1579363
#2	2.177950	5.344432	.0172150	.000121	3.324232	.1191674	.1578937
#3	2.181932	5.334253	.0165324	-.000164	3.192513	.1233409	.1577801

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.367379	.9361945	-.001678	.0012959	1.649720	.5277119	-.003458
Stddev	.135458	.0030129	.001112	.0004966	.006219	.0126185	.000704
%RSD	2.127375	.3218272	66.29119	38.32269	.3769902	2.391171	20.34683

#1	6.214741	.9330922	-.002096	.0007264	1.642696	.5353649	-.002690
#2	6.414112	.9363823	-.002520	.0016386	1.651935	.5346231	-.004072
#3	6.473282	.9391092	-.000417	.0015227	1.654528	.5131476	-.003612

Sample Name: K4450-14 Acquired: 08/22/2019 14:53:56 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: WC-L2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6076512	.0083844	.5233511
Stddev	.0045399	.0002729	.0044911
%RSD	.7471213	3.254940	.8581425

#1	.6032811	.0086766	.5181738
#2	.6123437	.0081362	.5261974
#3	.6073288	.0083404	.5256822

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1483.440	2383.176	31163.64	5275.389	2466.517
Stddev	5.143	3.368	246.88	26.073	3.549
%RSD	.3466946	.1413076	.7922163	.4942325	.1439043

#1	1487.536	2379.288	31249.69	5285.583	2470.421
#2	1477.668	2385.199	30885.25	5245.759	2463.485
#3	1485.115	2385.039	31355.98	5294.825	2465.645

Sample Name: K4450-16 Acquired: 08/22/2019 14:57:45 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: WC-L3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1911173	-.052264	1.165842	.1414536	.2452015	348.6531	1.386593
Stddev	.0059554	.004386	.004258	.0005956	.0009996	2.2418	.006696
%RSD	3.116115	8.392675	.3651937	.4210749	.4076659	.6429780	.4829423

#1	.1952319	-.047728	1.169858	.1421393	.2463058	349.5302	1.381504
#2	.1842882	-.056483	1.161378	.1410643	.2443585	346.1053	1.384097
#3	.1938316	-.052582	1.166290	.1411573	.2449403	350.3236	1.394180

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204767	.0376759	359.4264	.3290276	.0933812	1.623021	768.4000
Stddev	.0002088	.0005094	3.3634	.0003545	.0006812	.014983	4.3578
%RSD	1.019681	1.352113	.9357579	.1077469	.7295119	.9231265	.5671265

#1	.0204496	.0382390	356.6796	.3289635	.0926063	1.634953	767.9939
#2	.0202829	.0375413	358.4222	.3294098	.0936520	1.606206	764.2595
#3	.0206978	.0372472	363.1775	.3287095	.0938854	1.627903	772.9467

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.041729	15.18696	.2365201	-.000856	16.09014	.4199876	5.014862
Stddev	.034085	.10267	.0003721	.000257	.36290	.0012471	.011334
%RSD	.6760663	.6760701	.1573395	30.08741	2.255391	.2969278	.2260161

#1	5.027291	15.17568	.2364410	-.000975	16.04460	.4185769	5.026282
#2	5.017239	15.09039	.2361939	-.001031	15.75217	.4209431	5.003615
#3	5.080657	15.29481	.2369254	-.000560	16.47366	.4204428	5.014690

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.18392	4.144158	^ *****	.0265112	16.74571	4.507303	.0554445
Stddev	.23733	.009168	-----	.0000465	.08640	.031448	.0023841
%RSD	.7374053	.2212182	-----	.1755231	.5159357	.6977009	4.299972

#1	32.35079	4.142474	^ -----	.0265413	16.84443	4.516164	.0531755
#2	31.91223	4.135949	^ -----	.0265348	16.68389	4.472376	.0552288
#3	32.28874	4.154051	^ -----	.0264576	16.70881	4.533370	.0579291

Sample Name: K4450-16 Acquired: 08/22/2019 14:57:45 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: WC-L3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.606989	.0582281	1.251432
Stddev	.028264	.0010859	.010725
%RSD	1.084146	1.864955	.8569918

#1	2.609028	.0584090	1.256107
#2	2.577761	.0570631	1.239164
#3	2.634178	.0592122	1.259026

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1546.436	2523.724	33244.26	5689.188	2502.769
Stddev	14.762	.902	227.47	13.508	6.014
%RSD	.9546010	.0357309	.6842468	.2374327	.2403134

#1	1535.730	2524.069	33084.35	5677.813	2496.069
#2	1540.301	2524.402	33143.75	5704.118	2507.703
#3	1563.276	2522.700	33504.67	5685.632	2504.534

Sample Name: K4450-18 Acquired: 08/22/2019 15:01:23 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: WC-L4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0466901	-.008641	.1076238	.0367443	.0043776	100.4585
Stddev	.0006254	.001770	.0029961	.0013371	.0010001	.4882
%RSD	1.339502	20.48500	2.783901	3.638923	22.84569	.4859392

#1	.0463452	-.010311	.1049278	.0381167	.0043879	101.0138
#2	.0463131	-.008826	.1108494	.0354456	.0033724	100.0970
#3	.0474120	-.006785	.1070942	.0366705	.0053725	100.2646

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6858709	.0055658	.0432889	F 1649.403	.1898772	.0550746
Stddev	.0012992	.0001567	.0000999	20.311	.0023244	.0003223
%RSD	.1894201	2.814755	.2307945	1.231386	1.224161	.5852195

#1	.6853213	.0053994	.0434041	1626.054	.1890744	.0547196
#2	.6849368	.0057104	.0432354	1659.170	.1924966	.0551555
#3	.6873545	.0055877	.0432271	1662.984	.1880606	.0553488

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5394809	174.3069	2.830193	54.04549	.2667881	-.001450
Stddev	.0027451	.1578	.002774	.21059	.0006721	.000343
%RSD	.5088485	.0905086	.0980090	.3896610	.2519125	23.62353

#1	.5419992	174.4596	2.829426	54.11721	.2669535	-.001139
#2	.5365546	174.1445	2.833269	54.21086	.2673620	-.001817
#3	.5398890	174.3165	2.827883	53.80841	.2660488	-.001394

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.131432	.1498511	19.33438	5.141892	5.050167	.1032117
Stddev	.109275	.0036752	.08955	.014181	.015894	.0004261
%RSD	3.489621	2.452579	.4631649	.2757902	.3147245	.4128029

#1	3.131846	.1456085	19.43706	5.126671	5.036544	.1037025
#2	3.240499	.1518837	19.29369	5.154731	5.067629	.1029945
#3	3.021950	.1520610	19.27240	5.144274	5.046328	.1029379

Sample Name: K4450-18 Acquired: 08/22/2019 15:01:23 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: WC-L4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243638	38.91675	.5327239	.0174272	3.355458	.0446496
Stddev	.0001247	.07523	.0020904	.0014541	.002337	.0006302
%RSD	.5117018	.1932996	.3923970	8.343617	.0696532	1.411392

#1	.0243088	38.84127	.5304327	.0191057	3.353772	.0439220
#2	.0242760	38.91727	.5345272	.0165525	3.354477	.0450004
#3	.0245065	38.99172	.5332119	.0166234	3.358126	.0450263

Elem	Sr4077
Units	ppm
Avg	6.336889
Stddev	.101571
%RSD	1.602860

#1	6.219719
#2	6.390969
#3	6.399978

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1397.132	2301.057	30372.86	5224.979	2365.012
Stddev	17.251	3.997	359.90	18.526	3.610
%RSD	1.234740	.1737172	1.184933	.3545730	.1526526

#1	1377.253	2296.458	30026.82	5234.628	2361.403
#2	1405.964	2303.023	30346.58	5203.620	2368.624
#3	1408.178	2303.691	30745.18	5236.690	2365.009

Sample Name: K4450-20 Acquired: 08/22/2019 15:05:22 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: WC-L5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0393165	-.009532	2.148051	.0369366	.0073576	90.85308
Stddev	.0017866	.002082	.000278	.0010043	.0012942	.62729
%RSD	4.544020	21.84068	.0129307	2.719014	17.58952	.6904437

#1	.0393577	-.007429	2.148047	.0377867	.0066834	90.26680
#2	.0375096	-.009575	2.148331	.0371947	.0065398	90.77785
#3	.0410820	-.011591	2.147775	.0358284	.0088497	91.51459

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6738270	.0061872	.0972400	F 1263.920	.1140954	.0648290
Stddev	.0013748	.0000598	.0001415	14.476	.0011453	.0003966
%RSD	.2040305	.9658001	.1455324	1.145331	1.003783	.6117491

#1	.6734492	.0061927	.0971010	1249.345	.1129184	.0651038
#2	.6753513	.0062441	.0973839	1264.120	.1141617	.0643744
#3	.6726807	.0061249	.0972351	1278.295	.1152061	.0650089

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.956095	191.8659	3.335980	50.68724	.2811011	-.000301
Stddev	.024993	1.3631	.021369	.16986	.0018329	.000173
%RSD	.6317592	.7104235	.6405630	.3351056	.6520503	57.38928

#1	3.932203	190.4615	3.312181	50.57344	.2808009	-.000455
#2	3.954023	191.9527	3.342238	50.60580	.2794368	-.000114
#3	3.982060	193.1835	3.353522	50.88248	.2830656	-.000333

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.062450	.1415154	13.18574	15.15928	5.148950	.0427959
Stddev	.301078	.0005021	.01596	.13271	.025705	.0034178
%RSD	4.263082	.3548157	.1210748	.8754309	.4992308	7.986152

#1	6.735855	.1417856	13.19269	15.07968	5.126745	.0388659
#2	7.328946	.1409361	13.16748	15.08567	5.177110	.0444493
#3	7.122548	.1418247	13.19706	15.31248	5.142996	.0450726

Sample Name: K4450-20 Acquired: 08/22/2019 15:05:22 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: WC-L5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093934	21.87293	.7380625	.0061445	2.650043	.0498497
Stddev	.0005366	.03127	.0084257	.0027472	.020918	.0011716
%RSD	5.712135	.1429414	1.141593	44.70942	.7893388	2.350280

#1	.0094220	21.85246	.7453024	.0030009	2.628082	.0494811
#2	.0088432	21.90892	.7288141	.0080841	2.652315	.0489067
#3	.0099152	21.85741	.7400711	.0073486	2.669732	.0511613

Elem	Sr4077
Units	ppm
Avg	6.299974
Stddev	.028059
%RSD	.4453830

#1	6.268899
#2	6.307568
#3	6.323454

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1429.813	2335.713	31113.22	5329.623	2387.767
Stddev	5.698	2.721	127.66	28.943	6.141
%RSD	.3985352	.1164963	.4102980	.5430624	.2571866

#1	1428.112	2338.584	31229.87	5313.784	2394.511
#2	1436.169	2333.172	31132.96	5363.029	2386.291
#3	1425.160	2335.382	30976.85	5312.056	2382.498

Sample Name: PB122473TB Acquired: 08/22/2019 15:09:18 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	-.001571	.0065218	.0028325	-.000781	.0008128	.0270469
Stddev	.002491	.0030405	.0023536	.003489	.0023533	.0056204
%RSD	158.5818	46.62114	83.09181	446.9486	289.5213	20.78001

#1	-.001265	.0095996	.0027986	.002112	-.001347	.0208884
#2	-.004200	.0035200	.0052028	-.004656	.000465	.0318990
#3	.000753	.0064456	.0004960	.000202	.003321	.0283533

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002817	.0000008	.0000001	.0889487	F .0069740	-.000396
Stddev	.0003497	.0000599	.0000994	.0452107	.0001869	.000095
%RSD	124.1252	7977.361	112566.4	50.82783	2.680394	24.04097

#1	.0005733	.0000675	-.000098	.1306715	.0068278	-.000492
#2	-.000106	-.000017	.000101	.0952612	.0071846	-.000393
#3	.000378	-.000049	-.000003	.0409135	.0069095	-.000302

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010932	F .0584390	.0013365	.0617445	.0045258	.0001378
Stddev	.0016847	.0033561	.0004982	.0101789	.0007291	.0000624
%RSD	154.1054	5.742913	37.27606	16.48552	16.11033	45.23587

#1	.0004074	.0565142	.0018267	.0693624	.0049568	.0000764
#2	-.000140	.0623142	.0008307	.0656870	.0036840	.0001361
#3	.003013	.0564885	.0013521	.0501840	.0049365	.0002011

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 303.1418	-.001582	.0152165	.0388997	.0000484	-.006784
Stddev	4.4598	.002131	.0016798	.0172312	.0019798	.000008
%RSD	1.471183	134.7395	11.03947	44.29648	4092.859	.1138405

#1	298.0828	-.001525	.0170470	.0379347	-.001008	-.006781
#2	306.5048	.000520	.0148568	.0221713	-.001179	-.006779
#3	304.8378	-.003741	.0137457	.0565932	.002332	-.006793

Sample Name: PB122473TB Acquired: 08/22/2019 15:09:18 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0002052	-.008682	.0004062	-.005772	.0008467	.0044521
Stddev	.0000798	.002718	.0016342	.000303	.0011501	.0003411
%RSD	38.89697	31.30970	402.3042	5.253503	135.8218	7.660904

#1	.0001430	-.005885	.0020726	-.005461	-.000062	.0040660
#2	.0001773	-.011314	-.001194	-.006067	.002140	.0045781
#3	.0002952	-.008849	.000340	-.005787	.000462	.0047123

Elem	Sr4077
Units	ppm
Avg	.0003966
Stddev	.0001442
%RSD	36.37017

#1	.0005529
#2	.0003679
#3	.0002688

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1404.360	2275.398	29407.08	4887.963	2487.208
Stddev	9.766	3.624	225.35	19.105	1.216
%RSD	.6954005	.1592666	.7663139	.3908665	.0488778

#1	1394.298	2271.232	29148.68	4907.170	2488.318
#2	1413.800	2277.818	29509.77	4868.961	2487.397
#3	1404.981	2277.146	29562.79	4887.759	2485.909

Sample Name: CCV06 Acquired: 08/22/2019 15:13:11 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15389 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.949867	4.809498	4.892537	4.931486	4.937786	9.614826	9.948365
Stddev	.015320	.016637	.010123	.003993	.009620	.094662	.088726
%RSD	.3095124	.3459263	.2069140	.0809788	.1948169	.9845394	.8918602

#1	4.933681	4.803050	4.883732	4.930366	4.932049	9.506905	9.847330
#2	4.951778	4.828394	4.890282	4.928172	4.932418	9.683810	9.984182
#3	4.964143	4.797050	4.903598	4.935920	4.948892	9.653762	10.01358

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2431500	2.454133	24.80784	.9902340	2.448761	1.204890	4.973286
Stddev	.0013515	.004147	.23598	.0022925	.004543	.014426	.070083
%RSD	.5558200	.1689848	.9512201	.2315122	.1855378	1.197306	1.409195

#1	.2445181	2.454477	24.54622	.9895894	2.450564	1.189444	4.893833
#2	.2431160	2.458098	24.87269	.9927797	2.452126	1.218015	4.999701
#3	.2418158	2.449825	25.00462	.9883327	2.443593	1.207210	5.026322

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.460877	24.37998	2.465511	1.247091	25.47800	2.447679	2.466796
Stddev	.025119	.38533	.002125	.001459	.26606	.034464	.002760
%RSD	1.020742	1.580531	.0861737	.1170091	1.044288	1.408044	.1118881

#1	2.431979	23.94507	2.463063	1.248496	25.18310	2.407929	2.469141
#2	2.473159	24.51607	2.466595	1.245583	25.70004	2.465895	2.467492
#3	2.477491	24.67881	2.466875	1.247195	25.55086	2.469214	2.463754

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.03236	5.093505	4.827948	4.908435	4.886978	4.777903	4.878634
Stddev	.20891	.016629	.024700	.006421	.016516	.027745	.005725
%RSD	.8692865	.3264693	.5116127	.1308077	.3379695	.5806913	.1173421

#1	23.79711	5.079331	4.855930	4.902830	4.884910	4.809604	4.874934
#2	24.10378	5.111810	4.818740	4.907034	4.904431	4.766061	4.885228
#3	24.19620	5.089376	4.809174	4.915440	4.871592	4.758045	4.875740

Sample Name: CCV06 Acquired: 08/22/2019 15:13:11 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15389 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.790612	4.952988	4.779927
Stddev	.031498	.040194	.049286
%RSD	.6575043	.8115051	1.031097

#1	4.755102	4.909938	4.765026
#2	4.801557	4.959494	4.834944
#3	4.815179	4.989531	4.739811

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1382.352	2244.292	29355.53	4978.912	2433.949
Stddev	4.322	3.805	98.48	12.634	7.445
%RSD	.3126619	.1695347	.3354902	.2537556	.3059019

#1	1386.889	2242.665	29467.21	4969.473	2430.446
#2	1378.283	2241.571	29318.23	4973.997	2428.902
#3	1381.882	2248.640	29281.14	4993.265	2442.500

Sample Name: CCB06 Acquired: 08/22/2019 15:16:49 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15389 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000693	.0034479	.0017584	.0025385	.0013419	-.008726	.0007034
Stddev	.001056	.0024074	.0007467	.0014058	.0004050	.007062	.0002065
%RSD	152.4133	69.82178	42.46773	55.37895	30.17887	80.92739	29.35887

#1	-.000580	.0045515	.0020431	.0036504	.0012901	-.012896	.0007895
#2	-.001801	.0051057	.0023209	.0030069	.0017702	-.000573	.0008528
#3	.000302	.0006866	.0009112	.0009583	.0009653	-.012710	.0004677

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	.0000483	.0115051	.0003456	-.000377	-.001094	.0051917
Stddev	.000082	.0001512	.0008775	.0000699	.000293	.002313	.0021884
%RSD	307.7864	312.8713	7.627116	20.23789	77.58547	211.3963	42.15214

#1	-.000111	-.000094	.0104961	.0002753	-.000084	-.000962	.0075155
#2	.000052	.000207	.0120897	.0004151	-.000378	.001150	.0031702
#3	-.000021	.000033	.0119295	.0003462	-.000669	-.003470	.0048893

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009609	.0028419	.0000963	.0000167	.6352667	-.000662	.0026061
Stddev	.0002113	.0042626	.0004333	.0004147	.1904399	.003689	.0003015
%RSD	21.98521	149.9908	450.0063	2487.942	29.97794	557.1840	11.56990

#1	.0011366	.0076652	.0004942	-.000204	.5445008	-.004418	.0026491
#2	.0007265	-.000419	.0001601	.000495	.5071892	-.000524	.0028838
#3	.0010196	.001279	-.000365	-.000241	.8541100	.002956	.0022854

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.034202	-.000460	.0035616	.0001337	-.008515	.0000223	-.001808
Stddev	.039839	.003225	.0012527	.0004163	.002718	.0006026	.001784
%RSD	116.4818	701.3219	35.17311	311.2419	31.92517	2706.725	98.67279

#1	.007072	.003264	.0034403	-.000009	-.011451	.0006678	-.000661
#2	-.072432	-.002359	.0048705	.000603	-.006086	-.000075	-.000899
#3	-.037247	-.002284	.0023739	-.000193	-.008008	-.000526	-.003862

Sample Name: CCB06 Acquired: 08/22/2019 15:16:49 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15389 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003839	.0042982	.0003411
Stddev	.0002633	.0002613	.0000996
%RSD	68.59701	6.079540	29.20748

#1	.0001496	.0040243	.0004554
#2	.0003331	.0045448	.0002951
#3	.0006689	.0043254	.0002727

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1404.222	2242.880	29358.70	4936.652	2355.495
Stddev	12.645	3.572	107.38	10.468	2.322
%RSD	.9004657	.1592557	.3657442	.2120511	.0985848

#1	1414.534	2238.769	29482.42	4931.178	2353.845
#2	1390.114	2244.642	29289.89	4948.722	2354.489
#3	1408.017	2245.229	29303.77	4930.056	2358.150

Sample Name: K4452-01 Acquired: 08/22/2019 15:20:42 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-CORNER-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0377186	-.019613	.3406693	.0598064	-.000478	184.1719	.5418101
Stddev	.0033787	.004639	.0015022	.0018169	.000776	2.3413	.0040546
%RSD	8.957696	23.65367	.4409484	3.037959	162.0862	1.271261	.7483419

#1	.0375605	-.022396	.3412689	.0618936	-.001000	181.9323	.5371283
#2	.0344217	-.022185	.3389599	.0589457	-.000848	186.6031	.5441645
#3	.0411736	-.014257	.3417791	.0585797	.000413	183.9803	.5441376

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144041	.0259428	27.51542	.2158470	.2354209	.5112703	298.0587
Stddev	.0001733	.0000596	.25460	.0002433	.0003317	.0058490	2.7020
%RSD	1.203242	.2296210	.9253146	.1127096	.1408912	1.144005	.9065344

#1	.0146020	.0259377	27.31795	.2158450	.2355504	.5048371	295.0861
#2	.0143311	.0258859	27.42553	.2156048	.2356683	.5162676	300.3657
#3	.0142792	.0260047	27.80277	.2160913	.2350440	.5127061	298.7242

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.361930	80.86796	.5861643	-.000599	2.600944	.3184920	16.90974
Stddev	.022563	.51976	.0007916	.000315	.308496	.0065096	.03604
%RSD	.6711318	.6427314	.1350448	52.60968	11.86094	2.043878	.2131241

#1	3.335889	80.26933	.5857244	-.000897	2.273790	.3126727	16.87291
#2	3.374259	81.20460	.5856903	-.000269	2.886577	.3255219	16.91137
#3	3.375642	81.12993	.5870781	-.000633	2.642464	.3172814	16.94494

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.45111	11.47821	-.069990	.0024433	1.566443	4.122905	.0080818
Stddev	.15870	.04102	.011299	.0002007	.007613	.092844	.0024799
%RSD	1.274545	.3573676	16.14329	8.213119	.4860119	2.251899	30.68486

#1	12.32056	11.49952	-.080320	.0025563	1.564628	4.192081	.0106287
#2	12.62775	11.43093	-.071726	.0022117	1.559902	4.159246	.0056749
#3	12.40503	11.50420	-.057924	.0025621	1.574800	4.017388	.0079418

Sample Name: K4452-01 Acquired: 08/22/2019 15:20:42 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: S-CORNER-3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2489451	.2143183	.1723786
Stddev	.0095954	.0009814	.0025700
%RSD	3.854419	.4579080	1.490923

#1	.2434534	.2134301	.1697900
#2	.2600248	.2141529	.1749296
#3	.2433571	.2153719	.1724162

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1970.485	3192.362	41859.17	7093.626	2517.638
Stddev	9.880	8.150	236.60	60.788	5.740
%RSD	.5013989	.2553075	.5652285	.8569357	.2279921

#1	1972.353	3197.048	41748.83	7052.077	2522.672
#2	1979.297	3182.951	42130.78	7065.406	2511.387
#3	1959.804	3197.087	41697.89	7163.394	2518.856

Sample Name: K4452-02 Acquired: 08/22/2019 15:24:23 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-WALL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0325253	-.010733	.2751749	.0478019	-.003095	151.2498	.4722449
Stddev	.0030151	.003993	.0055962	.0016858	.001144	1.6286	.0039971
%RSD	9.269893	37.19938	2.033688	3.526602	36.97995	1.076795	.8464029

#1	.0314070	-.007809	.2804219	.0460502	-.003614	149.3940	.4685103
#2	.0359397	-.009108	.2692850	.0479426	-.001783	151.9139	.4717637
#3	.0302292	-.015282	.2758178	.0494130	-.003887	152.4414	.4764609

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112726	-.003107	12.59047	.1717559	.2190173	.3530424	236.1234
Stddev	.0001566	.000088	.10512	.0010601	.0013072	.0053956	2.1066
%RSD	1.389056	2.829546	.8349311	.6171953	.5968481	1.528316	.8921538

#1	.0114488	-.003088	12.68925	.1728524	.2203047	.3476956	233.7848
#2	.0111492	-.003030	12.47999	.1716790	.2176912	.3584855	236.7129
#3	.0112200	-.003203	12.60216	.1707365	.2190559	.3529461	237.8724

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.180671	65.52406	.4030676	-.000197	2.485242	.3133441	26.99438
Stddev	.015182	.66428	.0009682	.000384	.131351	.0033114	.07790
%RSD	.6962206	1.013789	.2402021	195.1047	5.285235	1.056800	.2885819

#1	2.164732	64.80365	.4041416	-.000353	2.372600	.3095329	26.96571
#2	2.182318	65.65617	.4022618	-.000478	2.453603	.3149834	26.93488
#3	2.194962	66.11235	.4027994	.000240	2.629523	.3155162	27.08256

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.39739	6.810952	-.040548	-.000820	15.27616	3.828898	.0044830
Stddev	.17249	.037071	.011396	.000364	.07816	.043008	.0014234
%RSD	1.391333	.5442826	28.10399	44.42802	.5116528	1.123240	31.75062

#1	12.20985	6.851985	-.053366	-.000851	15.31174	3.874792	.0028655
#2	12.54925	6.779877	-.036717	-.001167	15.18654	3.822383	.0055445
#3	12.43306	6.800996	-.031562	-.000441	15.33020	3.789520	.0050389

Sample Name: K4452-02 Acquired: 08/22/2019 15:24:23 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: S-WALL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3195909	.1689183	.0799918
Stddev	.0037785	.0007012	.0008253
%RSD	1.182292	.4151008	1.031700

#1	.3223882	.1688205	.0790938
#2	.3210920	.1682712	.0807171
#3	.3152926	.1696633	.0801643

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1735.170	2803.592	36681.34	6266.205	2513.132
Stddev	10.419	3.897	119.34	58.425	2.569
%RSD	.6004746	.1390013	.3253415	.9323863	.1022136

#1	1745.370	2805.844	36781.28	6201.127	2511.674
#2	1735.596	2799.092	36549.21	6283.347	2516.098
#3	1724.545	2805.840	36713.53	6314.142	2511.625

Sample Name: K4465-01 Acquired: 08/22/2019 15:28:05 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FK-PS-01-056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1002372	-.005815	.1412980	.0399449	.0028917	75.79390	.1087675
Stddev	.0022657	.001698	.0017681	.0022130	.0000643	.78227	.0007349
%RSD	2.260372	29.20122	1.251296	5.540146	2.222992	1.032106	.6756370

#1	.1024927	-.007537	.1418182	.0423661	.0028205	74.93299	.1079889
#2	.1002574	-.005766	.1427475	.0394422	.0029092	76.46115	.1088646
#3	.0979614	-.004142	.1393281	.0380265	.0029454	75.98755	.1094490

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028563	-.002739	10.44049	.2481040	.0075210	.1111137	170.8883
Stddev	.0000401	.000153	.08660	.0014559	.0002306	.0011547	1.5411
%RSD	1.404513	5.570744	.8295025	.5868324	3.066239	1.039214	.9018325

#1	.0028217	-.002564	10.34192	.2470613	.0073118	.1101197	169.1179
#2	.0029003	-.002809	10.47519	.2497674	.0077683	.1123803	171.6175
#3	.0028469	-.002844	10.50437	.2474833	.0074830	.1108411	171.9295

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2183298	2.883015	.0139622	.0001288	1.435425	.4138463	.1213964
Stddev	.0022152	.036629	.0003708	.0003539	.192564	.0092998	.0021501
%RSD	1.014616	1.270524	2.655522	274.6982	13.41510	2.247165	1.771118

#1	.2157757	2.840720	.0135800	-.000168	1.435041	.4037689	.1233165
#2	.2194871	2.903992	.0143204	.000034	1.628181	.4156727	.1217993
#3	.2197268	2.904334	.0139862	.000520	1.243054	.4220975	.1190733

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.325958	1.970144	-.026232	.0075642	2.484148	7.203869	.0060006
Stddev	.109903	.005712	.001027	.0004388	.009107	.061326	.0003646
%RSD	3.304406	.2899271	3.913672	5.801298	.3666132	.8512885	6.076561

#1	3.232467	1.973732	-.027257	.0074419	2.493597	7.209177	.0063457
#2	3.447022	1.973143	-.026236	.0071995	2.475427	7.262368	.0056191
#3	3.298383	1.963557	-.025204	.0080512	2.483418	7.140062	.0060372

Sample Name: K4465-01 Acquired: 08/22/2019 15:28:05 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FK-PS-01-056 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6462335	.0045320	.0695578
Stddev	.0043882	.0005517	.0004220
%RSD	.6790481	12.17286	.6067085

#1	.6452602	.0048228	.0691011
#2	.6510267	.0038958	.0699333
#3	.6424136	.0048775	.0696389

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1737.195	2782.047	36731.85	6234.630	2533.817
Stddev	14.801	3.886	101.84	8.428	4.629
%RSD	.8520065	.1396915	.2772491	.1351791	.1826972

#1	1720.465	2785.349	36704.27	6230.657	2534.447
#2	1742.536	2777.764	36646.64	6228.922	2528.906
#3	1748.585	2783.029	36844.63	6244.310	2538.100

Sample Name: K4392-01 Acquired: 08/22/2019 15:35:58 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1359153	-.054083	27.68118	.0682076	.0029082	193.6263	1.452707
Stddev	.0022021	.005252	.04503	.0013797	.0007956	2.5569	.006316
%RSD	1.620186	9.710154	.1626649	2.022755	27.35826	1.320515	.4347827

#1	.1334679	-.060109	27.62928	.0697625	.0035713	194.1719	1.449709
#2	.1377363	-.050487	27.70429	.0671297	.0031274	195.8663	1.459964
#3	.1365416	-.051651	27.70995	.0677306	.0020260	190.8407	1.448449

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0164665	.2644536	316.0080	.1537458	.4850780	9.053180	363.9093
Stddev	.0001105	.0003905	1.4678	.0007031	.0003163	.054424	1.7966
%RSD	.6712387	.1476713	.4644845	.4573415	.0652135	.6011625	.4936827

#1	.0165924	.2640140	315.9243	.1530988	.4852090	9.055052	362.6727
#2	.0163856	.2647604	317.5158	.1544941	.4853078	9.106644	365.9701
#3	.0164213	.2645863	314.5838	.1536445	.4847172	8.997844	363.0852

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.072195	86.67515	1.237750	.0046242	27.50503	.3724984	27.17816
Stddev	.028006	.46559	.002368	.0000950	.11108	.0041136	.08880
%RSD	.3960072	.5371705	.1912926	2.053329	.4038698	1.104331	.3267196

#1	7.047346	86.55166	1.236844	.0046704	27.39178	.3687059	27.14745
#2	7.102544	87.19004	1.240437	.0045150	27.61382	.3768714	27.27824
#3	7.066696	86.28375	1.235969	.0046873	27.50949	.3719180	27.10880

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.568200	25.94621	^ *****	-.015624	41.45415	88.85949	.0519083
Stddev	.091742	.10603	-----	.000253	.20318	1.23633	.0029333
%RSD	1.070723	.4086487	-----	1.618549	.4901244	1.391329	5.650977

#1	8.609628	25.92128	^ -----	-.015633	41.31617	90.26877	.0528694
#2	8.631922	25.85487	^ -----	-.015366	41.35883	88.35223	.0486150
#3	8.463051	26.06249	^ -----	-.015872	41.68747	87.95748	.0542405

Sample Name: K4392-01 Acquired: 08/22/2019 15:35:58 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1417596	.2171203	1.257395
Stddev	.0062094	.0004462	.006341
%RSD	4.380227	.2055013	.5042895

#1	.1483602	.2168167	1.260693
#2	.1408844	.2169116	1.261407
#3	.1360343	.2176326	1.250085

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2993.782	4903.032	65548.11	11395.89	2524.081
Stddev	3.709	6.468	252.72	126.14	1.079
%RSD	.1238933	.1319113	.3855496	1.106875	.0427616

#1	2991.902	4909.092	65256.43	11254.95	2523.167
#2	2998.054	4896.222	65686.20	11434.53	2523.805
#3	2991.389	4903.782	65701.70	11498.18	2525.272

Sample Name: K4413-01 Acquired: 08/22/2019 15:39:59 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TMW-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4498115	-.014752	.8200644	.0173890	.0063445	5.247890	2.166022
Stddev	.0017797	.000805	.0046736	.0021752	.0007737	.098755	.022225
%RSD	.3956516	5.456043	.5699076	12.50903	12.19416	1.881805	1.026081

#1	.4505226	-.014168	.8157231	.0186791	.0057055	5.146873	2.141028
#2	.4477863	-.015670	.8194590	.0148776	.0061234	5.252580	2.173473
#3	.4511258	-.014418	.8250113	.0186103	.0072046	5.344216	2.183564

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002573	-.000666	157.2539	.0551483	.0038861	.1533945	40.75139
Stddev	.0000638	.000056	1.7908	.0004108	.0003531	.0040826	.55387
%RSD	24.80050	8.445428	1.138807	.7449674	9.086856	2.661479	1.359143

#1	.0002458	-.000712	155.3394	.0546746	.0039454	.1504353	40.16766
#2	.0002001	-.000603	157.5342	.0553633	.0042059	.1516962	40.81695
#3	.0003262	-.000683	158.8880	.0554070	.0035072	.1580521	41.26957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.989959	30.66733	.0169502	.0001723	25.69090	.0195436	.3864224
Stddev	.027797	.44434	.0009070	.0002329	.23671	.0012491	.0062231
%RSD	1.396875	1.448901	5.350920	135.1496	.9213819	6.391277	1.610447

#1	1.963472	30.18757	.0162889	.0004406	25.41762	.0193898	.3934925
#2	1.987503	30.74970	.0165776	.0000550	25.83208	.0208625	.3839993
#3	2.018904	31.06472	.0179842	.0000214	25.82301	.0183786	.3817752

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.11368	.5770444	.2450761	.0048584	7.088936	35.16206	.0006705
Stddev	.25039	.0019437	.0029236	.0002519	.034288	.24107	.0013533
%RSD	1.774093	.3368455	1.192921	5.184690	.4836804	.6855965	201.8426

#1	13.85439	.5788503	.2417638	.0045907	7.121121	34.91329	.0020670
#2	14.13253	.5749872	.2461678	.0050908	7.052875	35.39461	.0005793
#3	14.35411	.5772957	.2472967	.0048937	7.092814	35.17826	-.000635

Sample Name: K4413-01 Acquired: 08/22/2019 15:39:59 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TMW-02 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3643058	.0206562	.9816104
Stddev	.0038562	.0007431	.0211355
%RSD	1.058495	3.597415	2.153143

#1	.3605355	.0200298	.9606312
#2	.3641394	.0204615	.9813012
#3	.3682424	.0214772	1.002899

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1280.145	2101.527	27741.44	4878.709	2286.798
Stddev	9.093	8.008	168.82	16.006	5.262
%RSD	.7103331	.3810508	.6085382	.3280834	.2301236

#1	1270.786	2092.345	27560.08	4896.370	2281.179
#2	1288.947	2105.171	27894.01	4865.160	2287.604
#3	1280.701	2107.064	27770.23	4874.597	2291.611

Sample Name: K4413-02 Acquired: 08/22/2019 15:43:45 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TMW-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2016937	-.015538	.2810717	.0241027	.0076547	2.307253	1.050914
Stddev	.0028443	.003604	.0031013	.0018027	.0009282	.021234	.008966
%RSD	1.410232	23.19197	1.103377	7.479282	12.12542	.9203219	.8531821

#1	.2018200	-.019657	.2846446	.0255885	.0068911	2.284729	1.040779
#2	.1987883	-.012970	.2794940	.0246222	.0073853	2.310124	1.054149
#3	.2044728	-.013986	.2790765	.0220972	.0086878	2.326905	1.057814

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005353	-.001688	252.9130	.0115408	.0006675	.0488185	88.73550
Stddev	.0000729	.000080	2.8021	.0007522	.0002236	.0032056	.98891
%RSD	13.62363	4.769154	1.107949	6.517645	33.48990	6.566287	1.114451

#1	.0005004	-.001781	250.0319	.0124078	.0008768	.0472454	87.63949
#2	.0006191	-.001639	253.0782	.0110622	.0006938	.0525067	89.00597
#3	.0004863	-.001644	255.6289	.0111523	.0004320	.0467033	89.56104

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.889284	48.99965	.0063291	-.000833	33.07116	.0082972	.0960602
Stddev	.061736	.61215	.0005385	.000209	.20546	.0029680	.0013504
%RSD	1.262686	1.249294	8.507519	25.12035	.6212754	35.77108	1.405753

#1	4.822647	48.32346	.0066363	-.001048	32.83525	.0064802	.0976120
#2	4.900669	49.15944	.0057074	-.000821	33.21096	.0117222	.0954164
#3	4.944535	49.51607	.0066438	-.000630	33.16725	.0066891	.0951522

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.81607	.6336579	.4103697	.0040047	34.44619	36.03874	-.004456
Stddev	.09910	.0048220	.0034043	.0003423	.13288	.19388	.001321
%RSD	.9162339	.7609707	.8295587	8.547836	.3857482	.5379685	29.64040

#1	10.70278	.6392254	.4069786	.0036129	34.44738	35.91356	-.005885
#2	10.85872	.6309296	.4103437	.0041552	34.31273	36.26207	-.003281
#3	10.88671	.6308186	.4137869	.0042460	34.57847	35.94060	-.004201

Sample Name: K4413-02 Acquired: 08/22/2019 15:43:45 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TMW-01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1591100	.0216077	.9370883
Stddev	.0047718	.0020880	.0103607
%RSD	2.999045	9.663334	1.105630

#1	.1560188	.0197244	.9256896
#2	.1567054	.0212455	.9396417
#3	.1646057	.0238531	.9459336

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1297.925	2114.309	28095.91	4822.003	2313.705
Stddev	6.602	4.680	194.64	2.953	4.481
%RSD	.5086239	.2213534	.6927743	.0612503	.1936558

#1	1296.089	2109.212	27977.15	4818.832	2308.587
#2	1305.250	2118.413	28320.54	4822.500	2316.920
#3	1292.436	2115.301	27990.05	4824.676	2315.609

Sample Name: K4413-02DUP Acquired: 08/22/2019 15:47:32 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TMW-01DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1991702	-.015348	.2797162	.0277685	.0059365	2.266688	1.046044
Stddev	.0011065	.002254	.0015296	.0022790	.0011174	.017773	.008737
%RSD	.5555720	14.68680	.5468543	8.207200	18.82273	.7840844	.8352469

#1	.2004312	-.014252	.2814645	.0251444	.0055078	2.258459	1.036225
#2	.1987186	-.013851	.2790599	.0292514	.0072048	2.254520	1.048947
#3	.1983609	-.017941	.2786242	.0289099	.0050969	2.287084	1.052960

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005091	-.001655	251.0752	.0114910	.0004009	.0465047	88.11147
Stddev	.0000741	.000035	2.6520	.0002500	.0001042	.0014381	.77361
%RSD	14.55106	2.121338	1.056275	2.175250	25.99273	3.092414	.8779911

#1	.0005931	-.001688	248.1926	.0112390	.0002840	.0477446	87.25200
#2	.0004808	-.001618	251.6214	.0117389	.0004841	.0468415	88.33034
#3	.0004533	-.001659	253.4116	.0114951	.0004345	.0449281	88.75207

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.858172	48.76031	.0066157	-.000295	32.62124	.0085467	.0865006
Stddev	.046746	.63184	.0006047	.000229	.56988	.0017148	.0011883
%RSD	.9622160	1.295808	9.140867	77.57230	1.746953	20.06442	1.373791

#1	4.805206	48.03162	.0066281	-.000501	32.26517	.0077056	.0874211
#2	4.875648	49.15596	.0060048	-.000333	32.32004	.0105197	.0851591
#3	4.893663	49.09335	.0072141	-.000049	33.27852	.0074147	.0869217

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.86651	.6334320	.4065669	.0040846	34.41011	35.69443	-.003814
Stddev	.06578	.0059706	.0040158	.0009977	.14867	.30384	.001919
%RSD	.6053646	.9425817	.9877388	24.42704	.4320611	.8512266	50.31185

#1	10.80739	.6388735	.4023874	.0029330	34.52223	35.34443	-.002342
#2	10.85477	.6270451	.4069173	.0046910	34.24147	35.84845	-.005984
#3	10.93737	.6343775	.4103961	.0046296	34.46665	35.89043	-.003116

Sample Name: K4413-02DUP Acquired: 08/22/2019 15:47:32 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: TMW-01DUP Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1570242	.0205288	.9346036
Stddev	.0016338	.0006310	.0058774
%RSD	1.040494	3.073944	.6288651

#1	.1551938	.0198947	.9324343
#2	.1575435	.0211568	.9301191
#3	.1583352	.0205348	.9412573

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1296.319	2118.658	28118.11	4813.434	2315.636
Stddev	8.664	8.890	275.39	4.604	7.800
%RSD	.6683703	.4196266	.9794002	.0956536	.3368533

#1	1286.323	2108.485	27808.29	4809.568	2306.766
#2	1301.675	2122.549	28210.94	4812.208	2321.424
#3	1300.959	2124.940	28335.08	4818.528	2318.720

Sample Name: K4413-02LX5 Acquired: 08/22/2019 15:51:19 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0408738	-.002674	.0567331	.0064526	.0003629	.4525016	.2075016
Stddev	.0013038	.001905	.0025737	.0033582	.0012205	.0043887	.0014406
%RSD	3.189919	71.22301	4.536517	52.04419	336.3522	.9698791	.6942611

#1	.0423778	-.000540	.0587189	.0034964	-.000465	.4486860	.2062086
#2	.0401813	-.003283	.0538254	.0057574	.001765	.4572976	.2072419
#3	.0400623	-.004201	.0576551	.0101040	-.000211	.4515210	.2090544

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000769	-.000379	50.35297	.0025753	-.001193	.0094212	18.04225
Stddev	.0000637	.000089	.40168	.0004215	.000209	.0013794	.19816
%RSD	82.83477	23.42889	.7977377	16.36602	17.48547	14.64187	1.098307

#1	.0000206	-.000380	49.93352	.0025266	-.001432	.0088464	17.87775
#2	.0000640	-.000290	50.39124	.0030190	-.001102	.0084221	17.98675
#3	.0001460	-.000468	50.73415	.0021803	-.001046	.0109951	18.26224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9958666	9.914641	.0013639	-.000235	7.202761	.0020963	.0246271
Stddev	.0120141	.104153	.0001078	.000300	.166130	.0025852	.0005807
%RSD	1.206396	1.050500	7.904444	127.8571	2.306480	123.3201	2.357967

#1	.9828941	9.817512	.0014352	.000073	7.010940	.0044428	.0251233
#2	.9980955	9.901787	.0012398	-.000526	7.300384	.0025209	.0247697
#3	1.006610	10.02463	.0014165	-.000251	7.296958	-.000675	.0239884

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.067301	.1360407	.0817987	.0002105	7.518947	7.567125	-.005689
Stddev	.058543	.0021871	.0017216	.0004259	.026837	.017168	.000597
%RSD	2.831864	1.607679	2.104661	202.3073	.3569295	.2268713	10.48521

#1	2.011547	.1341175	.0831974	-.000281	7.500409	7.574951	-.006375
#2	2.128283	.1355849	.0798760	.000440	7.506710	7.547439	-.005291
#3	2.062073	.1384198	.0823226	.000473	7.549722	7.578985	-.005401

Sample Name: K4413-02LX5 Acquired: 08/22/2019 15:51:19 Type: Unk
 Method: NON EPA-6010-200.7(v146) 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	.0311522	.0044160	.1855885
Stddev	.0008288	.0012340	.0031412
%RSD	2.660557	27.94329	1.692534

#1	.0305399	.0039105	.1832988
#2	.0308213	.0058225	.1842974
#3	.0320953	.0035151	.1891695

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1379.741	2235.454	29150.42	4929.977	2387.689
Stddev	4.671	3.173	117.13	26.513	3.609
%RSD	.3385557	.1419192	.4017997	.5377886	.1511326

#1	1377.983	2233.181	29109.71	4933.707	2384.203
#2	1385.037	2239.079	29059.08	4954.427	2391.409
#3	1376.205	2234.104	29282.47	4901.796	2387.454

Sample Name: K4413-02MS Acquired: 08/22/2019 15:55:08 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TMW-01MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9627313	1.978369	1.285975	1.768712	.8133901	4.395140	1.260171
Stddev	.0085863	.002621	.005791	.003558	.0047879	.009873	.007923
%RSD	.8918729	.1324904	.4503561	.2011840	.5886362	.2246268	.6286969

#1	.9596633	1.979886	1.290674	1.764621	.8189074	4.385480	1.251465
#2	.9724303	1.979878	1.279505	1.770434	.8109380	4.394727	1.262088
#3	.9561005	1.975342	1.287745	1.771083	.8103249	4.405213	1.266959

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1855236	.1906342	255.4911	.4089256	.1996865	.3425146	92.72374
Stddev	.0003820	.0003327	2.0585	.0009601	.0002799	.0010620	.39780
%RSD	.2059247	.1745029	.8057203	.2347942	.1401772	.3100499	.4290148

#1	.1851467	.1902500	253.1634	.4086144	.1999494	.3425099	92.27678
#2	.1855136	.1908249	256.2379	.4081596	.1997179	.3435789	92.85550
#3	.1859106	.1908275	257.0720	.4100027	.1993922	.3414550	93.03895

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.126241	51.47816	.5073459	.0739244	36.46077	.3187447	.3093533
Stddev	.032620	.47373	.0013650	.0011123	.11640	.0020678	.0012123
%RSD	.6363264	.9202483	.2690402	1.504605	.3192459	.6487189	.3918761

#1	5.088991	50.93193	.5083136	.0727298	36.53254	.3163909	.3085528
#2	5.149700	51.72596	.5057846	.0749302	36.32647	.3195747	.3107480
#3	5.140031	51.77660	.5079395	.0741131	36.52331	.3202685	.3087590

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.00774	6.578206	.6800882	.3895008	34.68584	37.12403	.6835083
Stddev	.03367	.017622	.0025422	.0008206	.10147	.10674	.0032275
%RSD	.1602658	.2678821	.3738018	.2106853	.2925352	.2875197	.4721980

#1	21.02112	6.580494	.6773672	.3889814	34.72538	37.09159	.6798850
#2	20.96944	6.559552	.6804947	.3890743	34.57056	37.03728	.6845646
#3	21.03266	6.594572	.6824026	.3904469	34.76159	37.24323	.6860753

Sample Name: K4413-02MS Acquired: 08/22/2019 15:55:08 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TMW-01MS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3489905	.1310546	1.159525
Stddev	.0011261	.0027592	.003659
%RSD	.3226808	2.105342	.3155306

#1	.3483366	.1278702	1.163502
#2	.3483440	.1327329	1.156303
#3	.3502908	.1325608	1.158769

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1295.981	2111.931	28321.51	4791.496	2312.861
Stddev	11.871	12.256	192.12	32.026	11.689
%RSD	.9160139	.5803077	.6783560	.6684017	.5053780

#1	1296.887	2100.461	28205.25	4769.378	2300.677
#2	1283.683	2110.488	28216.01	4776.887	2313.925
#3	1307.374	2124.845	28543.26	4828.222	2323.982

Sample Name: K4413-02MSD Acquired: 08/22/2019 15:58:44 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TMW-01MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9623875	2.007086	1.292221	1.783715	.8130426	4.392434	1.265635
Stddev	.0019364	.002510	.002316	.011714	.0028114	.049798	.005313
%RSD	.2012114	.1250442	.1791964	.6567087	.3457906	1.133719	.4197784

#1	.9625364	2.009273	1.292462	1.794236	.8140557	4.410877	1.260067
#2	.9603810	2.004346	1.289794	1.771093	.8152070	4.430379	1.270650
#3	.9642453	2.007640	1.294407	1.785818	.8098650	4.336045	1.266188

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1851335	.1909977	253.4158	.4123125	.2009462	.3444866	93.02928
Stddev	.0003699	.0005594	1.8750	.0005952	.0005742	.0049446	.63191
%RSD	.1998017	.2928592	.7399019	.1443557	.2857672	1.435363	.6792551

#1	.1848975	.1914016	251.2526	.4125224	.2013078	.3395526	92.69970
#2	.1855598	.1903592	254.4208	.4127743	.2012467	.3494418	93.75784
#3	.1849431	.1912322	254.5742	.4116408	.2002840	.3444656	92.63030

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.175729	51.35380	.5089532	.0749627	35.60963	.3068761	.3131844
Stddev	.043860	.34578	.0013311	.0008053	.19747	.0048255	.0015741
%RSD	.8474122	.6733300	.2615341	1.074232	.5545282	1.572458	.5026134

#1	5.127084	51.04617	.5074699	.0755470	35.81911	.3110572	.3149624
#2	5.212255	51.72804	.5093458	.0752970	35.42690	.3079751	.3119687
#3	5.187848	51.28720	.5100438	.0740441	35.58287	.3015958	.3126220

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.97997	6.676360	.6819543	.3922785	35.52340	37.27023	.6872251
Stddev	.24078	.011328	.0039793	.0010929	.08699	.14531	.0064737
%RSD	1.147676	.1696698	.5835114	.2786031	.2448875	.3898853	.9420062

#1	21.05199	6.668865	.6831605	.3912381	35.56864	37.39865	.6883982
#2	21.17653	6.670824	.6851910	.3921802	35.42310	37.29954	.6802451
#3	20.71140	6.689391	.6775115	.3934173	35.57844	37.11250	.6930321

Sample Name: K4413-02MSD Acquired: 08/22/2019 15:58:44 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TMW-01MSD Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3501475	.1267313	1.151995
Stddev	.0010589	.0024690	.016742
%RSD	.3024009	1.948200	1.453263

#1	.3493141	.1242827	1.162072
#2	.3513390	.1266910	1.161243
#3	.3497895	.1292202	1.132670

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1302.900	2121.553	28153.39	4817.724	2324.115
Stddev	9.399	3.296	144.27	33.474	3.828
%RSD	.7213847	.1553408	.5124530	.6948004	.1647288

#1	1292.068	2117.863	28024.67	4794.138	2319.695
#2	1307.725	2124.203	28126.16	4802.998	2326.284
#3	1308.906	2122.594	28309.33	4856.036	2326.366

Sample Name: CCV07 Acquired: 08/22/2019 16:08:37 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	4.963738	4.842875	4.843132	4.931956	4.962968	9.407846	9.735541
Stddev	.026885	.026805	.008888	.022701	.006709	.626631	.648781
%RSD	.5416253	.5534946	.1835177	.4602924	.1351783	6.660731	6.664044

#1	4.951924	4.841352	4.844378	4.932691	4.962260	9.506279	9.855133
#2	4.944782	4.816865	4.833686	4.908896	4.956642	8.737824	9.035284
#3	4.994507	4.870410	4.851331	4.954281	4.970003	9.979436	10.31621

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2372091	2.431425	23.58248	.9908746	2.431638	1.184883	4.789666
Stddev	.0125855	.003396	1.61454	.0040402	.002881	.078030	.324195
%RSD	5.305636	.1396863	6.846358	.4077391	.1184726	6.585475	6.768628

#1	.2411512	2.428700	23.80208	.9872340	2.428953	1.202958	4.837121
#2	.2231245	2.430345	21.86938	.9952213	2.431279	1.099402	4.444359
#3	.2473516	2.435230	25.07599	.9901684	2.434681	1.252290	5.087518

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.383904	23.44158	2.461209	1.239041	23.68860	2.365559	2.440992
Stddev	.161875	1.60736	.004289	.004784	1.60933	.160400	.012174
%RSD	6.790318	6.856886	.1742519	.3860885	6.793670	6.780640	.4987296

#1	2.416208	23.69601	2.459966	1.233603	23.77396	2.391307	2.453878
#2	2.208313	21.72218	2.457678	1.242600	22.03830	2.193842	2.429684
#3	2.527191	24.90656	2.465981	1.240921	25.25355	2.511527	2.439412

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.44240	5.200186	4.711549	4.931863	4.914723	4.793933	4.883165
Stddev	1.50259	.017364	.254376	.010206	.016001	.272187	.013503
%RSD	6.409728	.3339201	5.398983	.2069494	.3255704	5.677742	.2765131

#1	23.75612	5.188597	4.778394	4.928418	4.908393	4.862325	4.873986
#2	21.80771	5.191809	4.430425	4.923825	4.902855	4.494072	4.876840
#3	24.76337	5.220151	4.925826	4.943346	4.932920	5.025401	4.898669

Sample Name: CCV07 Acquired: 08/22/2019 16:08:37 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.677881	4.744666	4.761373
Stddev	.300419	.324373	.368878
%RSD	6.422117	6.836594	7.747308

#1	4.714861	4.806183	4.816024
#2	4.360684	4.393939	4.368218
#3	4.958098	5.033876	5.099876

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1384.716	2240.268	29333.47	5088.476	2443.988
Stddev	6.912	2.947	42.05	295.264	1.955
%RSD	.4991827	.1315667	.1433421	5.802612	.0800032

#1	1377.544	2237.032	29345.11	4985.456	2441.897
#2	1391.335	2240.974	29286.83	5421.448	2444.298
#3	1385.268	2242.799	29368.46	4858.522	2445.770

Sample Name: CCB07 Acquired: 08/22/2019 16:12:15 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0007495	.0016929	-.001026	-.000425	.0019658	-.004488	.0006342
Stddev	.0027243	.0010649	.002239	.002119	.0008518	.003328	.0003750
%RSD	363.4794	62.90362	218.1752	499.1263	43.33137	74.15568	59.13204

#1	.0021713	.0029133	.000931	.001898	.0028675	-.005208	.0004791
#2	-.002392	.0009523	-.003468	-.002253	.0018554	-.000859	.0010618
#3	.002469	.0012131	-.000542	-.000919	.0011746	-.007397	.0003616

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000023	.0001027	-.006366	.0001721	.0000653	-.001903	-.001521
Stddev	.000048	.0000333	.006422	.0002921	.0002859	.001730	.004963
%RSD	211.1387	32.36926	100.8899	169.7909	438.1737	90.89618	326.3859

#1	.000003	.0000653	-.010721	.0004938	-.000119	.000084	-.000083
#2	.000006	.0001288	.001010	.0000989	-.000079	-.003071	.002565
#3	-.000078	.0001142	-.009386	-.000077	.000395	-.002723	-.007044

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007229	.0022299	.0003989	.0002692	.0578968	-.001056	.0029957
Stddev	.0004101	.0290352	.0005477	.0005536	.0601437	.002020	.0003110
%RSD	56.72615	1302.065	137.2924	205.6572	103.8807	191.3652	10.38256

#1	.0010764	.0130400	.0004089	.0002321	.0744536	-.002389	.0028042
#2	.0002733	-.030660	-.000154	.0008404	-.008791	-.002046	.0033546
#3	.0008190	.024309	.000941	-.000265	.108028	.001268	.0028283

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.119980	-.000946	.0030083	.0004452	-.008743	.0026906	-.001703
Stddev	.052823	.002053	.0003166	.0002091	.004706	.0010534	.000335
%RSD	44.02636	216.9932	10.52504	46.96028	53.82547	39.15303	19.68191

#1	-.178432	-.000794	.0030808	.0005839	-.013101	.0038873	-.001459
#2	-.075664	.001027	.0032823	.0002047	-.003752	.0022807	-.002085
#3	-.105843	-.003071	.0026617	.0005470	-.009377	.0019037	-.001566

Sample Name: CCB07 Acquired: 08/22/2019 16:12:15 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003801	-.001557	.0002702
Stddev	.0016484	.000905	.0002764
%RSD	433.6452	58.08859	102.2692

#1	.0022731	-.002602	.0005804
#2	-.000739	-.001026	.0001803
#3	-.000393	-.001044	.0000500

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1406.775	2258.218	29598.60	5003.255	2372.790
Stddev	4.219	2.431	77.69	28.054	5.775
%RSD	.2998986	.1076372	.2624895	.5607110	.2433696

#1	1407.898	2260.855	29519.79	4971.936	2379.369
#2	1410.318	2257.735	29600.86	5011.748	2368.557
#3	1402.108	2256.066	29675.13	5026.081	2370.446

Sample Name: K4413-02A Acquired: 08/22/2019 16:16:09 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9681612	2.007808	1.276644	1.777186	.8178504	4.419018	1.255047
Stddev	.0040297	.008814	.004834	.004031	.0028753	.073754	.012881
%RSD	.4162247	.4389795	.3786757	.2268095	.3515642	1.669021	1.026337

#1	.9653405	2.004571	1.278047	1.778755	.8211601	4.334304	1.240220
#2	.9727765	2.001070	1.280622	1.772606	.8159681	4.468946	1.263480
#3	.9663668	2.017782	1.271264	1.780196	.8164230	4.453805	1.261442

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1848492	.1892441	249.8166	.4104311	.1988929	.3463550	92.22629
Stddev	.0006277	.0003491	2.8646	.0009373	.0004269	.0060630	1.55138
%RSD	.3395701	.1844442	1.146697	.2283689	.2146534	1.750501	1.682150

#1	.1841985	.1888799	246.5454	.4097953	.1984369	.3394346	90.43520
#2	.1848981	.1892768	251.0270	.4099904	.1992831	.3507320	93.14983
#3	.1854511	.1895757	251.8774	.4115075	.1989588	.3488983	93.09384

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.093386	50.66819	.5089980	.0738052	35.43234	.3080560	.3041209
Stddev	.066956	.90752	.0007840	.0008155	.56460	.0045416	.0012525
%RSD	1.314560	1.791100	.1540280	1.104960	1.593457	1.474287	.4118286

#1	5.016731	49.62028	.5081385	.0730740	34.84247	.3051167	.3033261
#2	5.122988	51.19017	.5096739	.0736568	35.96771	.3132869	.3055647
#3	5.140438	51.19411	.5091817	.0746847	35.48684	.3057645	.3034720

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.88228	6.688168	.6811831	.3928754	34.97039	36.94665	.6861445
Stddev	.41522	.041120	.0075167	.0008885	.03218	.21593	.0009322
%RSD	1.988388	.6148224	1.103483	.2261444	.0920105	.5844301	.1358613

#1	20.40419	6.657703	.6725224	.3921071	34.94886	36.70021	.6851293
#2	21.08995	6.671860	.6860091	.3926708	34.95493	37.03708	.6869621
#3	21.15268	6.734941	.6850177	.3938483	35.00738	37.10266	.6863421

Sample Name: K4413-02A Acquired: 08/22/2019 16:16:09 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3498425	.1256692	1.151344
Stddev	.0057366	.0012955	.023266
%RSD	1.639757	1.030881	2.020745

#1	.3432353	.1242341	1.124492
#2	.3535544	.1267523	1.165480
#3	.3527378	.1260214	1.164061

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1302.957	2113.244	28247.05	4819.872	2323.523
Stddev	9.957	2.784	78.65	16.189	3.717
%RSD	.7641745	.1317548	.2784391	.3358888	.1599584

#1	1295.918	2110.287	28184.88	4835.438	2320.069
#2	1298.603	2115.815	28220.79	4803.124	2327.456
#3	1314.349	2113.632	28335.47	4821.053	2323.044

Sample Name: K4413-04 Acquired: 08/22/2019 16:19:46 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FIELD-BLANK Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027253	.0087255	.0002077	-.004001	-.003029	.0007287	.0006962
Stddev	.0003235	.0016019	.0005846	.001134	.001306	.0073879	.0003533
%RSD	11.87087	18.35876	281.4946	28.34936	43.13417	1013.829	50.74144

#1	.0029417	.0086906	.0006267	-.003228	-.004519	-.006836	.0003922
#2	.0023534	.0103446	.0004565	-.005303	-.002490	.007926	.0010838
#3	.0028808	.0071414	-.000460	-.003472	-.002078	.001096	.0006126

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002027	.0001037	.0037924	.0000932	.0001670	-.006954	-.013064
Stddev	.0000212	.0001080	.0059752	.0001908	.0001272	.000951	.005154
%RSD	10.44917	104.1879	157.5567	204.7421	76.16681	13.68196	39.45520

#1	.0001831	.0002148	.0106870	.0002710	.0001690	-.008047	-.007410
#2	.0002252	-.000001	.0001192	.0001170	.0002933	-.006308	-.017500
#3	.0001999	.000097	.0005710	-.000108	.0000388	-.006508	-.014282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000362	.0016974	.0006785	.0000477	.0745345	.0004038	.0071107
Stddev	.000225	.0023015	.0005699	.0003888	.3363832	.0021352	.0001686
%RSD	62.14375	135.5912	83.99739	815.1801	451.3123	528.7513	2.371383

#1	-.000172	.0040329	.0007031	.0004767	.1938788	-.002028	.0069163
#2	-.000303	.0016276	.0012357	-.000052	.3349737	.001971	.0071994
#3	-.000611	-.000568	.0000967	-.000281	-.305249	.001269	.0072166

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.847897	-.000338	-.006375	-.000619	-.008224	.0229586	-.004993
Stddev	.064726	.001586	.000168	.000581	.002160	.0009389	.000610
%RSD	7.633670	469.7797	2.631338	93.90222	26.26616	4.089629	12.20836

#1	-.821415	-.000429	-.006565	-.000904	-.009288	.0226180	-.005640
#2	-.800611	.001292	-.006247	.000050	-.009646	.0240202	-.004429
#3	-.921664	-.001876	-.006313	-.001004	-.005738	.0222374	-.004910

Sample Name: K4413-04 Acquired: 08/22/2019 16:19:46 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FIELD-BLANK Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000081	-.007632	.0000755
Stddev	.001024	.000350	.0001110
%RSD	1261.238	4.584366	147.0726

#1	.001083	-.007229	.0001562
#2	-.000845	-.007811	-.000051
#3	-.000482	-.007856	.000121

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1549.014	2453.981	31877.94	5274.578	2510.140
Stddev	3.246	12.727	36.99	11.751	10.833
%RSD	.2095633	.5186068	.1160383	.2227878	.4315777

#1	1550.699	2466.106	31916.15	5287.758	2518.041
#2	1545.272	2455.109	31842.30	5270.779	2514.588
#3	1551.072	2440.728	31875.37	5265.196	2497.791

Sample Name: K4418-01 Acquired: 08/22/2019 16:23:40 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CFVP-228L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1602760	-.011097	2.104848	.0290020	.0428948	33.56532	1.066072
Stddev	.0037779	.003250	.005040	.0033362	.0009517	.31533	.006568
%RSD	2.357128	29.28941	.2394298	11.50325	2.218605	.9394548	.6160503

#1	.1586280	-.013109	2.107048	.0310588	.0438404	33.83448	1.073602
#2	.1645980	-.007347	2.108415	.0251528	.0429068	33.21838	1.061528
#3	.1576021	-.012834	2.099083	.0307945	.0419372	33.64311	1.063085

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024968	.0015393	231.9641	.0721806	.0332083	.6447639	66.25544
Stddev	.0000427	.0000296	1.0285	.0005780	.0000918	.0093633	.56030
%RSD	1.711941	1.926021	.4433805	.8007412	.2764011	1.452201	.8456623

#1	.0024607	.0015149	233.0420	.0715263	.0332365	.6540803	66.69694
#2	.0025440	.0015723	230.9935	.0726218	.0332826	.6353545	65.62512
#3	.0024857	.0015306	231.8568	.0723936	.0331057	.6448568	66.44425

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.683363	49.87088	.0816382	.0064196	385.8281	.0998822	1.485210
Stddev	.009635	.34955	.0003767	.0006998	3.0085	.0029021	.005645
%RSD	.5723454	.7009097	.4614274	10.90086	.7797461	2.905527	.3800637

#1	1.688872	50.18808	.0812079	.0061263	389.0489	.1019093	1.478695
#2	1.672238	49.49612	.0817987	.0059143	383.0905	.0965577	1.488292
#3	1.688979	49.92845	.0819081	.0072184	385.3450	.1011795	1.488643

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.40060	3.727936	.4542639	.0633400	9.146934	63.38904	.1654022
Stddev	.47297	.008162	.0063656	.0004691	.017545	.76979	.0009109
%RSD	1.336039	.2189288	1.401296	.7406578	.1918140	1.214386	.5506998

#1	35.87734	3.736995	.4616103	.0637185	9.138937	64.27777	.1645449
#2	34.93150	3.721156	.4503811	.0634864	9.167053	62.95846	.1653031
#3	35.39295	3.725658	.4508004	.0628152	9.134811	62.93088	.1663585

Sample Name: K4418-01 Acquired: 08/22/2019 16:23:40 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CFVP-228L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.253973	.0971222	1.444014
Stddev	.015708	.0012801	.022188
%RSD	1.252647	1.317991	1.536558

#1	1.259342	.0958855	1.463250
#2	1.236285	.0970396	1.419740
#3	1.266293	.0984417	1.449053

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1325.983	2183.785	28744.72	4945.730	2340.989
Stddev	3.241	9.915	94.22	83.333	9.520
%RSD	.2444589	.4540331	.3277743	1.684946	.4066718

#1	1324.345	2176.205	28685.06	4849.517	2333.095
#2	1323.888	2180.145	28853.34	4992.561	2338.311
#3	1329.717	2195.006	28695.76	4995.113	2351.562

Sample Name: K4435-02 Acquired: 08/22/2019 16:27:24 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I03I-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026515	.0026299	.0053848	-.001483	-.000924	1.230306	.0898552
Stddev	.0029216	.0021750	.0016307	.002142	.000870	.019665	.0009809
%RSD	110.1892	82.70352	30.28350	144.4777	94.09166	1.598368	1.091702

#1	-.000174	.0048425	.0049426	-.002671	-.000196	1.227824	.0887303
#2	.005660	.0025526	.0071910	.000990	-.001887	1.251094	.0903025
#3	.002468	.0004945	.0040209	-.002768	-.000689	1.212000	.0905327

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000438	.0000657	43.28971	.0014980	-.001416	-.001112	.0097028
Stddev	.0000911	.0000872	.38472	.0003932	.000058	.001191	.0038185
%RSD	208.2361	132.6599	.8887109	26.24537	4.104681	107.0852	39.35493

#1	.0000775	.0000080	42.84556	.0018155	-.001427	-.000753	.0076476
#2	.0001132	.0000231	43.50436	.0010582	-.001353	-.000142	.0141088
#3	-.000059	.0001660	43.51921	.0016204	-.001468	-.002441	.0073521

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042079	12.34282	.0010049	-.000175	183.9513	.0029712	.0292878
Stddev	.0002508	.12870	.0003955	.000018	2.4124	.0027522	.0001612
%RSD	5.960769	1.042726	39.36263	10.07017	1.311428	92.63061	.5504677

#1	.0044793	12.22992	.0009896	-.000195	181.4703	.0058373	.0291480
#2	.0041598	12.48296	.0006172	-.000163	186.2887	.0027271	.0294642
#3	.0039847	12.31557	.0014079	-.000167	184.0949	.0003491	.0292511

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.323469	.0288009	.2058754	.0000856	21.55321	3.101490	-.006741
Stddev	.082983	.0009094	.0026837	.0001471	.11000	.025049	.001847
%RSD	3.571509	3.157625	1.303534	171.7484	.5103571	.8076370	27.39279

#1	2.244279	.0293212	.2032939	-.000043	21.55327	3.074723	-.006641
#2	2.409785	.0277509	.2086507	.000053	21.44318	3.124365	-.008636
#3	2.316343	.0293308	.2056817	.000246	21.66318	3.105381	-.004947

Sample Name: K4435-02 Acquired: 08/22/2019 16:27:24 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: I03I-062-1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000370	-.002591	.6748380
Stddev	.000509	.001207	.0116490
%RSD	137.4176	46.58987	1.726190

#1	.000216	-.002765	.6661294
#2	-.000628	-.003702	.6880703
#3	-.000699	-.001306	.6703144

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1506.865	2420.268	31471.80	5268.791	2617.574
Stddev	5.318	1.152	57.63	54.666	2.297
%RSD	.3529379	.0475791	.1831045	1.037540	.0877487

#1	1508.119	2421.596	31502.43	5327.100	2618.904
#2	1501.032	2419.670	31405.33	5218.698	2618.897
#3	1511.444	2419.539	31507.65	5260.577	2614.922

Sample Name: K4435-03 Acquired: 08/22/2019 16:31:13 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I04I-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051587	-.000300	.0046932	-.000258	.0006054	1.362628	.1113078
Stddev	.0023991	.002056	.0011315	.000425	.0005931	.007614	.0001102
%RSD	46.50627	684.0847	24.10832	164.5811	97.97441	.5587436	.0990257

#1	.0066445	-.002044	.0047850	-.000160	.0009568	1.365380	.1114096
#2	.0064407	-.000824	.0057760	.000109	-.000079	1.354021	.1111908
#3	.0023910	.001966	.0035186	-.000723	.000939	1.368483	.1113232

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000051	-.000010	54.09945	.0008456	-.001640	-.002236	.0126690
Stddev	.0000375	.000054	.10226	.0001382	.000093	.001584	.0112707
%RSD	727.9230	534.1654	.1890254	16.34522	5.656148	70.83415	88.96264

#1	-.000015	-.000004	54.19912	.0006860	-.001653	-.003968	.0095025
#2	-.000018	-.000067	53.99478	.0009245	-.001725	-.001879	.0251843
#3	.000048	.000041	54.10444	.0009263	-.001541	-.000861	.0033203

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117514	15.97220	.0005759	.0004628	211.9021	.0043185	.0212516
Stddev	.0002745	.02327	.0002119	.0005432	.6773	.0014683	.0004714
%RSD	2.335754	.1456765	36.79692	117.3725	.3196254	33.99957	2.218174

#1	.0120662	15.95780	.0003473	.0000286	212.1699	.0032758	.0213301
#2	.0116261	15.95976	.0006146	.0010719	211.1319	.0059976	.0216788
#3	.0115620	15.99905	.0007658	.0002879	212.4046	.0036822	.0207459

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.864048	.0299660	.2398328	.0002434	25.18325	3.734532	-.007338
Stddev	.065850	.0009699	.0012862	.0004119	.10132	.003811	.001887
%RSD	2.299190	3.236777	.5363054	169.2502	.4023439	.1020375	25.71838

#1	2.851406	.0294820	.2392060	.0004748	25.16386	3.732975	-.009091
#2	2.805435	.0310827	.2389801	.0004874	25.09303	3.731745	-.005340
#3	2.935302	.0293333	.2413123	-.000232	25.29287	3.738874	-.007583

Sample Name: K4435-03 Acquired: 08/22/2019 16:31:13 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: I04I-062-1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000390	-.000348	.8153224
Stddev	.001132	.001298	.0025385
%RSD	289.9884	372.5262	.3113536

#1	-.000301	.000119	.8155982
#2	.000694	-.001815	.8126572
#3	-.001564	.000651	.8177117

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1471.942	2389.380	30934.50	5227.770	2600.402
Stddev	4.182	1.224	99.64	14.663	5.270
%RSD	.2841152	.0512234	.3220968	.2804840	.2026702

#1	1471.705	2390.757	30822.19	5219.227	2606.444
#2	1467.884	2388.966	30969.00	5244.702	2598.016
#3	1476.238	2388.417	31012.30	5219.383	2596.747

Sample Name: K4435-04 Acquired: 08/22/2019 16:35:03 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I05I-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036516	.0009477	.0059803	-.000747	-.001877	1.482712	.0905629
Stddev	.0009930	.0018066	.0009223	.003015	.001193	.005463	.0007908
%RSD	27.19186	190.6325	15.42303	403.6800	63.54458	.3684329	.8732198

#1	.0044288	-.000661	.0049677	-.000157	-.000569	1.480653	.0900007
#2	.0025330	.002902	.0067725	-.004013	-.002159	1.488906	.0902209
#3	.0039930	.000601	.0062006	.001929	-.002903	1.478579	.0914672

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001514	.0000046	43.71019	.0021747	-.001472	-.002461	.0108319
Stddev	.0000394	.0000372	.28056	.0006458	.000058	.001581	.0043246
%RSD	26.01870	801.7775	.6418568	29.69402	3.949705	64.25064	39.92474

#1	.0001097	.0000347	43.40367	.0027474	-.001496	-.004278	.0061433
#2	.0001880	-.000037	43.77263	.0014748	-.001406	-.001707	.0146646
#3	.0001566	.000016	43.95427	.0023020	-.001514	-.001398	.0116878

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058782	12.72193	.0007167	.0002196	181.9850	.0001718	.0241393
Stddev	.0002066	.09590	.0002536	.0000658	1.1020	.0010636	.0002361
%RSD	3.514730	.7538322	35.37963	29.94427	.6055439	619.1002	.9781105

#1	.0056514	12.62399	.0010061	.0001612	180.9150	-.000334	.0243488
#2	.0060557	12.72613	.0006104	.0002909	183.1164	-.000544	.0241856
#3	.0059274	12.81566	.0005335	.0002068	181.9235	.001394	.0238835

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.298230	.0378880	.2041394	-.000108	21.70966	3.104300	-.006380
Stddev	.037546	.0010778	.0020844	.000270	.07058	.024862	.000411
%RSD	1.633699	2.844646	1.021091	249.2537	.3251216	.8008774	6.440181

#1	2.256191	.0367890	.2064594	.000153	21.63951	3.132529	-.005909
#2	2.328430	.0389433	.2035343	-.000091	21.78067	3.085664	-.006669
#3	2.310069	.0379315	.2024244	-.000387	21.70878	3.094709	-.006560

Sample Name: K4435-04 Acquired: 08/22/2019 16:35:03 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: I05I-062-1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000283	-.000193	.6754431
Stddev	.000147	.001371	.0051928
%RSD	51.86480	710.8230	.7687993

#1	-.000269	.000180	.6700485
#2	-.000436	-.001712	.6804074
#3	-.000144	.000953	.6758732

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1495.313	2414.964	31378.45	5262.591	2610.460
Stddev	9.299	7.164	133.05	16.387	6.622
%RSD	.6218932	.2966645	.4240095	.3113884	.2536591

#1	1505.747	2406.803	31529.22	5243.848	2602.856
#2	1487.899	2420.219	31328.61	5269.718	2613.565
#3	1492.292	2417.870	31277.51	5274.209	2614.958

Sample Name: K4435-05 Acquired: 08/22/2019 16:38:52 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I06I-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052557	.0030056	.0027482	-.000231	-.001838	1.331788	.0931496
Stddev	.0007732	.0016454	.0025876	.001431	.001801	.009961	.0005847
%RSD	14.71262	54.74597	94.15430	620.1236	98.02130	.7479265	.6276972

#1	.0048693	.0030795	.0035364	-.001198	-.001846	1.333424	.0925246
#2	.0061459	.0013244	.0048500	-.000907	-.000032	1.321111	.0932411
#3	.0047517	.0046128	-.000142	.001413	-.003635	1.340830	.0936832

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000907	.0000426	44.81128	.0005731	-.001447	-.003961	.0180787
Stddev	.0000179	.0000746	.25098	.0003822	.000159	.000811	.0047020
%RSD	19.75969	175.2932	.5600753	66.69645	11.00424	20.46277	26.00832

#1	.0000956	.0001186	44.52277	.0007183	-.001387	-.003114	.0231139
#2	.0001057	-.000031	44.93186	.0008614	-.001627	-.004729	.0173201
#3	.0000708	.000040	44.97922	.0001395	-.001326	-.004041	.0138022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056351	12.85180	.0006193	.0000324	189.4542	.0035487	.0470513
Stddev	.0004349	.07022	.0002210	.0001346	.7720	.0035119	.0006954
%RSD	7.717667	.5464158	35.68870	415.9108	.4074609	98.96099	1.477929

#1	.0052661	12.84827	.0007878	.0000223	188.8676	.0009618	.0478523
#2	.0055247	12.78340	.0007010	-.000097	189.1663	.0021378	.0466019
#3	.0061146	12.92372	.0003690	.000172	190.3287	.0075467	.0466997

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.362031	.0320363	.2100760	.0003579	22.49396	3.188253	-.008007
Stddev	.063401	.0015188	.0021999	.0003209	.03393	.015057	.000836
%RSD	2.684165	4.740927	1.047184	89.64473	.1508375	.4722755	10.44519

#1	2.306323	.0331753	.2115043	-.000003	22.50706	3.190238	-.007193
#2	2.348749	.0303119	.2111811	.000465	22.45543	3.202220	-.008864
#3	2.431020	.0326217	.2075426	.000612	22.51939	3.172302	-.007963

Sample Name: K4435-05 Acquired: 08/22/2019 16:38:52 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I06I-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000238	-.002551	.7011278
Stddev	.0005298	.000187	.0062759
%RSD	2227.329	7.344543	.8951095

#1	.0002912	-.002718	.6992734
#2	-.000586	-.002587	.6959881
#3	.000367	-.002348	.7081219

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1479.564	2398.738	31099.64	5282.108	2599.978
Stddev	11.846	6.197	78.50	9.736	7.683
%RSD	.8006290	.2583510	.2524204	.1843216	.2955201

#1	1473.310	2404.617	31027.63	5270.902	2606.898
#2	1493.226	2399.332	31183.33	5288.497	2601.328
#3	1472.155	2392.265	31087.97	5286.924	2591.710

Sample Name: K4436-01 Acquired: 08/22/2019 16:42:42 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW4M-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142629	.0019294	.0126827	-.000206	.0004265	.2739902	.0059622
Stddev	.0026221	.0011750	.0006377	.001062	.0033762	.0113668	.0002101
%RSD	18.38384	60.89981	5.028134	515.6677	791.6185	4.148627	3.523643

#1	.0172311	.0010839	.0128709	-.000102	.0034567	.2611523	.0062008
#2	.0122615	.0014332	.0119721	-.001316	-.003213	.2780436	.0058810
#3	.0132961	.0032711	.0132052	.000800	.001036	.2827747	.0058048

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000643	.0002450	13.94719	.0025134	-.000800	-.001151	.0535380
Stddev	.0000345	.0000631	.12177	.0006713	.000435	.002542	.0056513
%RSD	53.65763	25.74669	.8731123	26.70878	54.42890	220.9280	10.55566

#1	.0000655	.0002587	13.85013	.0021990	-.001301	.001684	.0579779
#2	.0000983	.0003001	13.90761	.0032842	-.000523	-.003229	.0554597
#3	.0000293	.0001762	14.08383	.0020570	-.000575	-.001907	.0471765

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082892	.6238366	.0029132	.0002848	96.18029	.0181261	.0920285
Stddev	.0002360	.0260801	.0003208	.0002840	.82352	.0013103	.0002119
%RSD	2.847424	4.180597	11.01077	99.69762	.8562237	7.228804	.2302236

#1	.0082779	.5944825	.0026002	.0006015	96.25595	.0190181	.0922730
#2	.0080590	.6443382	.0032412	.0000528	95.32156	.0187385	.0919127
#3	.0085307	.6326892	.0028982	.0002002	96.96337	.0166218	.0918997

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0867542	.1188341	1.119660	.1369015	19.75295	10.02804	-.006041
Stddev	.0381970	.0019371	.006448	.0006708	.06608	.04855	.001549
%RSD	44.02894	1.630098	.5759032	.4899723	.3345126	.4841585	25.63719

#1	.0738168	.1196989	1.112999	.1371387	19.70606	9.97648	-.004341
#2	.0567062	.1166153	1.120109	.1361443	19.82852	10.03474	-.007371
#3	.1297397	.1201882	1.125871	.1374214	19.72428	10.07289	-.006412

Sample Name: K4436-01 Acquired: 08/22/2019 16:42:42 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW4M-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0035810	-.005955	.0612326
Stddev	.0007738	.000492	.0002576
%RSD	21.60980	8.255464	.4206933

#1	.0029915	-.006480	.0613155
#2	.0032941	-.005880	.0609438
#3	.0044573	-.005505	.0614386

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1501.197	2404.216	31394.96	5307.026	2579.173
Stddev	2.194	4.795	79.42	2.941	5.468
%RSD	.1461316	.1994485	.2529656	.0554236	.2120233

#1	1500.189	2399.160	31309.01	5310.405	2574.223
#2	1499.688	2404.790	31410.23	5305.037	2578.254
#3	1503.713	2408.699	31465.63	5305.637	2585.043

Sample Name: K4436-02 Acquired: 08/22/2019 16:46:31 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW6-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013027	.0032906	.0061986	-.002031	.0001675	.2590010	.1041896
Stddev	.0008166	.0009980	.0010637	.002680	.0009658	.0069142	.0014847
%RSD	62.68400	30.32829	17.16095	131.9304	576.5083	2.669563	1.424971

#1	.0020311	.0042772	.0056116	.000973	-.000691	.2521751	.1024921
#2	.0014571	.0033128	.0074265	-.004175	.001213	.2588276	.1052457
#3	.0004199	.0022816	.0055577	-.002892	-.000020	.2660002	.1048311

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000347	.0002145	56.68044	.0021082	-.001161	-.002348	.3103933
Stddev	.0000639	.0000779	.58961	.0004147	.000271	.000572	.0108048
%RSD	184.0882	36.32532	1.040239	19.67089	23.31414	24.38288	3.481008

#1	.0000852	.0002141	56.03339	.0016493	-.001189	-.001982	.3091784
#2	.0000561	.0001367	56.82058	.0024563	-.000877	-.003007	.3002472
#3	-.000037	.0002925	57.18736	.0022189	-.001416	-.002054	.3217542

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4684909	9.417613	.0022288	-.000273	112.5578	.0023093	.0373874
Stddev	.0067040	.155334	.0002120	.000176	1.2444	.0034483	.0002079
%RSD	1.430985	1.649403	9.511670	64.31330	1.105593	149.3192	.5561774

#1	.4608048	9.245265	.0024238	-.000072	111.1611	.0003511	.0372326
#2	.4715357	9.460766	.0022595	-.000351	112.9638	.0002860	.0376238
#3	.4731321	9.546809	.0020032	-.000396	113.5485	.0062908	.0373058

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.113829	.1064509	.3743717	.0063374	44.31643	5.061441	-.007794
Stddev	.076250	.0015545	.0019397	.0002860	.18642	.040604	.001244
%RSD	2.448741	1.460320	.5181221	4.513567	.4206505	.8022264	15.96562

#1	3.028381	.1051558	.3726198	.0066675	44.24461	5.023750	-.008397
#2	3.174937	.1081748	.3740391	.0061808	44.52807	5.104437	-.006363
#3	3.138170	.1060220	.3764562	.0061638	44.17661	5.056135	-.008622

Sample Name: K4436-02 Acquired: 08/22/2019 16:46:31 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MW6-062-1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0042549	-.004457	.2918873
Stddev	.0012240	.000395	.0044429
%RSD	28.76747	8.851924	1.522117

#1	.0036744	-.004686	.2867611
#2	.0034291	-.004001	.2942753
#3	.0056612	-.004684	.2946255

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1478.617	2390.215	31209.57	5245.571	2577.137
Stddev	4.324	.407	24.54	31.016	1.625
%RSD	.2924108	.0170273	.0786324	.5912745	.0630593

#1	1475.680	2390.532	31222.61	5276.761	2575.603
#2	1476.589	2390.357	31181.27	5214.733	2576.967
#3	1483.582	2389.756	31224.84	5245.219	2578.840

Sample Name: K4436-03 Acquired: 08/22/2019 16:50:20 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MWP4-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042363	.0040198	.0218254	.0012390	-.000499	.1224955	.2974302
Stddev	.0012825	.0025698	.0008137	.0029701	.001203	.0078962	.0032865
%RSD	30.27376	63.92876	3.728066	239.7192	241.0734	6.446149	1.104955

#1	.0028257	.0069130	.0210254	-.001445	.000077	.1180150	.2936353
#2	.0053321	.0031439	.0226521	.004430	-.001881	.1178587	.2993152
#3	.0045511	.0020024	.0217986	.000732	.000308	.1316129	.2993400

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000227	.0000129	200.6461	.0017211	.0029379	-.002459	3.025019
Stddev	.000052	.0001021	2.1985	.0001196	.0002153	.002714	.013917
%RSD	22.88605	793.4315	1.095692	6.947281	7.327845	110.3585	.4600531

#1	-.000287	.0000905	198.1454	.0017028	.0031279	-.004628	3.009873
#2	-.000195	.0000508	201.5183	.0018487	.0027041	-.003332	3.027940
#3	-.000200	-.000103	202.2746	.0016117	.0029817	.000584	3.037242

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.819617	82.83436	.0166473	-.000162	690.4241	-.001541	.0193668
Stddev	.069704	.84016	.0002412	.000478	8.0908	.000185	.0004081
%RSD	.8913951	1.014264	1.448687	295.5646	1.171855	12.02052	2.107453

#1	7.743915	81.87277	.0168933	-.000184	681.0880	-.001440	.0192404
#2	7.833791	83.20390	.0164113	.000327	694.7929	-.001428	.0190369
#3	7.881144	83.42641	.0166372	-.000628	695.3912	-.001755	.0198233

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.539158	.0823621	1.098212	-.000108	11.82183	17.26070	-.008949
Stddev	.021308	.0009889	.003452	.000148	.03828	.07705	.001251
%RSD	1.384424	1.200655	.3143377	137.3557	.3238400	.4463630	13.97773

#1	1.556136	.0835032	1.094293	-.000259	11.83045	17.17398	-.010129
#2	1.515246	.0817560	1.100800	.000038	11.85507	17.32125	-.009080
#3	1.546090	.0818270	1.099544	-.000103	11.77997	17.28688	-.007638

Sample Name: K4436-03 Acquired: 08/22/2019 16:50:20 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MWP4-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002271	.0030782	.8855213
Stddev	.000514	.0004773	.0126499
%RSD	22.62691	15.50459	1.428525

#1	-.002852	.0025633	.8709609
#2	-.001879	.0031655	.8917931
#3	-.002080	.0035057	.8938099

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1422.830	2361.054	30300.43	5158.099	2574.407
Stddev	4.943	8.871	238.70	20.755	7.866
%RSD	.3473881	.3757164	.7877905	.4023684	.3055577

#1	1421.035	2356.486	30032.36	5168.297	2568.026
#2	1419.036	2355.399	30378.92	5134.218	2571.998
#3	1428.419	2371.278	30490.00	5171.781	2583.196

Sample Name: CCV08 Acquired: 08/22/2019 16:54:08 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15385 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.952952	4.820228	4.816885	4.914819	4.968063	9.602776	10.00322
Stddev	.019810	.005336	.014178	.015435	.011007	.057641	.04464
%RSD	.3999594	.1106898	.2943459	.3140416	.2215635	.6002536	.4462607

#1	4.948232	4.815100	4.821888	4.910596	4.971184	9.536724	9.95170
#2	4.935929	4.819834	4.800884	4.901935	4.955832	9.642895	10.02762
#3	4.974696	4.825750	4.827884	4.931926	4.977173	9.628709	10.03034

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2395032	2.392961	24.09565	.9877707	2.408534	1.204481	4.845660
Stddev	.0022337	.004403	.15750	.0030811	.003459	.006376	.025338
%RSD	.9326548	.1839971	.6536308	.3119290	.1436235	.5293228	.5229070

#1	.2414524	2.392286	23.93886	.9912865	2.407478	1.201935	4.816898
#2	.2370657	2.388934	24.09425	.9855407	2.405726	1.211736	4.855391
#3	.2399914	2.397662	24.25384	.9864848	2.412398	1.199772	4.864690

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.423073	23.94665	2.459242	1.230649	24.79910	2.429406	2.433116
Stddev	.021509	.12796	.003953	.004474	.14543	.011023	.015982
%RSD	.8876891	.5343675	.1607352	.3635380	.5864444	.4537334	.6568518

#1	2.402468	23.80860	2.457107	1.231947	24.79569	2.434447	2.434982
#2	2.421366	23.97003	2.456816	1.234331	24.94622	2.437007	2.416283
#3	2.445385	24.06130	2.463803	1.225670	24.65541	2.416764	2.448083

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.17412	5.193983	4.742611	4.912460	4.884273	4.803850	4.875519
Stddev	.22251	.013091	.040739	.011688	.006791	.039070	.020592
%RSD	.9204581	.2520449	.8589996	.2379250	.1390377	.8133154	.4223489

#1	24.14520	5.197020	4.781991	4.913979	4.881578	4.835950	4.871054
#2	24.40969	5.179640	4.700637	4.900087	4.879243	4.760347	4.857526
#3	23.96749	5.205289	4.745203	4.923314	4.891997	4.815254	4.897977

Sample Name: CCV08 Acquired: 08/22/2019 16:54:08 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV15385 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.743838	4.882065	4.744850
Stddev	.023235	.040528	.025705
%RSD	.4897892	.8301350	.5417501

#1	4.722658	4.842140	4.773163
#2	4.768690	4.880884	4.722977
#3	4.740165	4.923170	4.738410

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1378.559	2244.775	29405.35	5007.761	2449.695
Stddev	5.536	5.443	94.57	30.792	4.463
%RSD	.4015879	.2424727	.3215947	.6148879	.1821820

#1	1380.794	2238.699	29423.47	4991.064	2445.150
#2	1382.628	2246.423	29303.03	5043.295	2449.863
#3	1372.254	2249.204	29489.54	4988.923	2454.071

Sample Name: CCB08 Acquired: 08/22/2019 16:57:46 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15385 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002948	.0032470	.0001257	.0015801	.0006941	-.005470	.0010411
Stddev	.000824	.0020876	.0011260	.0014454	.0016128	.002749	.0002884
%RSD	27.93756	64.29484	895.5035	91.47490	232.3776	50.26491	27.70250

#1	-.002117	.0056382	.0004702	-.000079	-.000403	-.002360	.0011849
#2	-.002964	.0023152	.0010393	.002254	.002546	-.006473	.0012292
#3	-.003764	.0017875	-.001132	.002566	-.000060	-.007577	.0007090

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000293	.0000492	-.013828	.0000868	-.000036	-.000217	.0036128
Stddev	.0000263	.0000951	.015609	.0000824	.000321	.001823	.0043038
%RSD	89.68984	193.4920	112.8737	95.03212	901.9351	842.0337	119.1277

#1	.0000597	.0000079	-.031392	.0000798	-.000138	-.000975	.0078181
#2	.0000124	-.000018	-.008549	.0001725	.000324	-.001538	-.000783
#3	.0000159	.000158	-.001544	.0000080	-.000293	.001863	.003803

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004457	.0071314	.0002673	.0000144	.3159341	-.000291	.0009782
Stddev	.0003661	.0279269	.0007779	.0003204	.2729674	.001982	.0001041
%RSD	82.14750	391.6027	291.0293	2224.288	86.40011	681.2088	10.64157

#1	.0003238	.0393762	-.000530	.0003803	.6269086	-.000175	.0009857
#2	.0001561	-.008646	.001025	-.000216	.2049700	.001631	.0008706
#3	.0008571	-.009336	.000307	-.000121	.1159236	-.002329	.0010784

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.022177	-.001462	.0048649	.0003613	-.009189	.0032950	-.002681
Stddev	.055427	.000835	.0012263	.0003992	.003227	.0008387	.000335
%RSD	249.9307	57.07720	25.20699	110.5022	35.11629	25.45218	12.49918

#1	-.083072	-.002364	.0044438	.0008044	-.006616	.0040662	-.002698
#2	.025330	-.001308	.0039046	.0000295	-.008141	.0024022	-.003007
#3	-.008789	-.000716	.0062462	.0002500	-.012809	.0034166	-.002337

Sample Name: CCB08 Acquired: 08/22/2019 16:57:46 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB15385 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000482	.0028255	.0002403
Stddev	.001108	.0005535	.0002142
%RSD	229.7207	19.58852	89.13039

#1	.000438	.0034204	.0004824
#2	-.000173	.0027301	.0001632
#3	-.001712	.0023258	.0000754

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1410.540	2259.229	29602.93	5047.456	2383.523
Stddev	6.964	3.102	111.42	8.761	2.888
%RSD	.4936941	.1372929	.3763962	.1735682	.1211633

#1	1406.617	2258.158	29662.38	5051.686	2384.811
#2	1406.424	2256.806	29474.39	5037.383	2380.215
#3	1418.581	2262.725	29672.03	5053.300	2385.543

Sample Name: K4436-04 Acquired: 08/22/2019 17:01:39 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MWP2-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122731	.0052179	.0400668	.0053259	.0003124	5.396582	.0899751
Stddev	.0002388	.0029140	.0007162	.0003871	.0015266	.038015	.0006314
%RSD	1.945691	55.84649	1.787485	7.268831	488.7293	.7044246	.7017328

#1	.0120425	.0028389	.0408843	.0056904	.0000797	5.390961	.0893510
#2	.0122574	.0043466	.0395497	.0053676	.0019419	5.437095	.0906135
#3	.0125193	.0084682	.0397664	.0049196	-.001085	5.361691	.0899607

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007992	-.000292	26.45801	.0084631	.0335329	.0213926	30.65795
Stddev	.0000697	.000025	.21546	.0001912	.0002202	.0019107	.15342
%RSD	8.717734	8.701748	.8143297	2.259002	.6568187	8.931766	.5004308

#1	.0007268	-.000302	26.22288	.0082742	.0332804	.0192671	30.51761
#2	.0008657	-.000311	26.64598	.0086564	.0336326	.0229677	30.82175
#3	.0008052	-.000263	26.50517	.0084588	.0336856	.0219431	30.63449

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.156605	14.64256	.0219946	.0000925	198.4417	.0194439	.2312832
Stddev	.026167	.09724	.0002707	.0001856	1.1373	.0010229	.0025913
%RSD	.8289509	.6640612	1.230800	200.6891	.5731387	5.261057	1.120402

#1	3.127580	14.56802	.0221006	.0000300	197.4293	.0197738	.2294388
#2	3.178389	14.75254	.0216869	-.000054	199.6723	.0202612	.2301649
#3	3.163846	14.60711	.0221962	.000301	198.2234	.0182967	.2342458

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.952378	.3082009	.1655204	.0007979	14.98595	21.51869	-.003909
Stddev	.035123	.0014914	.0017066	.0004124	.03689	.26296	.000965
%RSD	1.798973	.4838918	1.031052	51.68630	.2461702	1.222010	24.67499

#1	1.911890	.3066098	.1668676	.0012461	15.00456	21.60923	-.004432
#2	1.970586	.3084261	.1660924	.0004345	14.94346	21.72442	-.002796
#3	1.974659	.3095669	.1636013	.0007131	15.00983	21.22242	-.004499

Sample Name: K4436-04 Acquired: 08/22/2019 17:01:39 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MWP2-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0992351	.0016146	.2322403
Stddev	.0009527	.0007865	.0016826
%RSD	.9600456	48.70842	.7245153

#1	.0981367	.0008210	.2321246
#2	.0997312	.0023937	.2339778
#3	.0998374	.0016292	.2306186

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1548.731	2487.688	32414.21	5435.800	2636.436
Stddev	16.462	3.290	149.85	62.551	5.219
%RSD	1.062932	.1322634	.4622950	1.150723	.1979554

#1	1565.034	2490.621	32581.10	5439.298	2642.377
#2	1549.045	2484.130	32291.20	5371.574	2634.340
#3	1532.115	2488.312	32370.33	5496.529	2632.591

Sample Name: K4436-05 Acquired: 08/22/2019 17:05:26 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MWP2-062-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002330	.0031310	.0000758	.0011162	-.002600	-.007938	.0006301
Stddev	.0017698	.0042428	.0009192	.0009586	.001731	.004679	.0002650
%RSD	759.6036	135.5116	1213.123	85.88029	66.56478	58.94530	42.04809

#1	.0020132	-.001758	.0011253	.0000170	-.003942	-.009635	.0003276
#2	-.001526	.005854	-.000586	.0015531	-.003212	-.011532	.0007416
#3	.000212	.005296	-.000312	.0017786	-.000647	-.002647	.0008211

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000069	.0000232	.0109454	.0000617	-.000223	-.006223	-.012024
Stddev	.0000785	.0000811	.0062300	.0001769	.000385	.001821	.008630
%RSD	1135.957	350.0286	56.91927	286.6444	172.2200	29.26461	71.77549

#1	.0000816	-.000035	.0057316	.0000321	.000172	-.006706	-.008625
#2	-.000075	.000116	.0092597	.0002515	-.000245	-.007754	-.005611
#3	.000014	-.000011	.0178448	-.000099	-.000597	-.004209	-.021837

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000314	-.011473	.0004309	-.000255	.3880501	.0012407	.0134741
Stddev	.000273	.006266	.0001695	.000154	.1427724	.0020787	.0005750
%RSD	86.69515	54.61804	39.32647	60.40155	36.79225	167.5346	4.267460

#1	-.000606	-.018335	.0004517	-.000160	.3832192	.0006748	.0129456
#2	-.000271	-.006054	.0005891	-.000432	.5331766	.0035438	.0140864
#3	-.000066	-.010031	.0002520	-.000172	.2477545	-.000496	.0133902

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.753254	.0004565	-.003561	-.000256	-.007971	.0022727	-.006734
Stddev	.077392	.0011982	.000107	.000248	.001522	.0004691	.001674
%RSD	10.27433	262.5007	2.990885	96.86980	19.09903	20.64073	24.86479

#1	-.773444	.0009426	-.003449	.000017	-.006630	.0024539	-.005561
#2	-.818549	-.000908	-.003660	-.000319	-.009626	.0017400	-.005989
#3	-.667768	.001335	-.003574	-.000466	-.007657	.0026242	-.008651

Sample Name: K4436-05 Acquired: 08/22/2019 17:05:26 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MWP2-062-3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004858	-.004950	.0000650
Stddev	.0005304	.000439	.0000753
%RSD	109.1857	8.864746	115.8695

#1	.0001574	-.004609	.0000094
#2	.0010977	-.005445	.0000349
#3	.0002023	-.004796	.0001507

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1506.995	2401.828	31241.42	5334.372	2470.056
Stddev	9.869	6.344	131.72	9.172	3.588
%RSD	.6548513	.2641489	.4216201	.1719468	.1452683

#1	1511.051	2406.539	31377.68	5343.207	2471.162
#2	1495.745	2404.331	31114.76	5324.896	2472.962
#3	1514.190	2394.614	31231.82	5335.014	2466.046

Sample Name: K4436-06 Acquired: 08/22/2019 17:09:21 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW8D-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075083	-.000051	.0132340	.0022134	-.002021	.0270161	.0676471
Stddev	.0018160	.000296	.0002716	.0018952	.000784	.0099165	.0003553
%RSD	24.18662	582.7258	2.052351	85.62430	38.78757	36.70586	.5252998

#1	.0054252	-.000305	.0134126	.0015197	-.002886	.0330846	.0675394
#2	.0083414	.000275	.0133680	.0007628	-.001818	.0323912	.0680439
#3	.0087584	-.000122	.0129214	.0043578	-.001358	.0155725	.0673581

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000659	.0027950	67.33687	.0002886	-.002065	-.003916	2.709182
Stddev	.0000892	.0000473	.57755	.0001752	.000220	.000961	.045771
%RSD	135.4407	1.692933	.8577096	60.70494	10.63085	24.53505	1.689481

#1	-.000037	.0028199	66.71898	.0001490	-.001843	-.003644	2.656980
#2	.000112	.0027405	67.86313	.0002316	-.002070	-.003120	2.742438
#3	.000123	.0028248	67.42850	.0004851	-.002282	-.004983	2.728127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0642264	48.18779	.0006537	.0000799	62.41018	-.001578	.0149878
Stddev	.0007952	.70111	.0001459	.0002567	.91000	.001684	.0003816
%RSD	1.238180	1.454956	22.32167	321.4784	1.458095	106.7386	2.546069

#1	.0633518	47.48726	.0008188	.0000943	61.78566	-.002635	.0153360
#2	.0644216	48.88948	.0006000	-.000184	63.45427	.000364	.0150476
#3	.0649059	48.18664	.0005422	.000329	61.99060	-.002462	.0145798

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7929050	.0106505	.5255905	.0015993	11.55751	10.78318	-.007645
Stddev	.1187722	.0004549	.0088713	.0001696	.03891	.14515	.000928
%RSD	14.97937	4.271027	1.687865	10.60620	.3366243	1.346088	12.14155

#1	.7005499	.0101666	.5206314	.0014077	11.59841	10.71562	-.008572
#2	.9268877	.0107154	.5358325	.0017301	11.52097	10.94980	-.007647
#3	.7512775	.0110694	.5203076	.0016603	11.55314	10.68413	-.006715

Sample Name: K4436-06 Acquired: 08/22/2019 17:09:21 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MW8D-062-1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001013	.0079182	2.145404
Stddev	.000598	.0008271	.042548
%RSD	59.03487	10.44557	1.983222

#1	-.000363	.0074753	2.102263
#2	-.001539	.0088724	2.187333
#3	-.001137	.0074069	2.146616

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1465.840	2382.571	30892.53	5319.789	2549.328
Stddev	10.849	2.262	159.88	42.329	6.965
%RSD	.7401283	.0949249	.5175502	.7956955	.2731948

#1	1463.563	2383.030	30893.47	5335.573	2543.090
#2	1477.647	2384.567	31051.94	5271.835	2556.843
#3	1456.310	2380.115	30732.17	5351.958	2548.051

Sample Name: K4436-07 Acquired: 08/22/2019 17:13:11 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW8D-062-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067586	.0030186	.0137812	.0021592	-.000469	.0260537	.0698266
Stddev	.0012659	.0014763	.0005394	.0007552	.001876	.0028692	.0005906
%RSD	18.72959	48.90733	3.914167	34.97667	399.7959	11.01278	.8458163

#1	.0057816	.0022450	.0143367	.0024442	-.002620	.0227423	.0691754
#2	.0063057	.0047209	.0137477	.0013029	.000382	.0278009	.0699767
#3	.0081887	.0020898	.0132594	.0027304	.000831	.0276178	.0703276

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000917	.0000009	68.61109	.0004856	-.001724	-.004124	2.723797
Stddev	.0000320	.0000599	.72312	.0005394	.000056	.001403	.022541
%RSD	34.86778	6441.675	1.053941	111.0717	3.267849	34.01334	.8275672

#1	.0001254	-.000060	67.77615	.0007668	-.001775	-.003449	2.700129
#2	.0000618	.000002	69.02084	.0008263	-.001734	-.005737	2.745011
#3	.0000878	.000060	69.03628	-.000136	-.001663	-.003186	2.726252

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0646765	49.24399	.0004407	.0001894	63.93326	-.001446	.0109591
Stddev	.0013033	.52265	.0003592	.0005674	.71862	.001489	.0002197
%RSD	2.015135	1.061351	81.50573	299.5401	1.124013	102.9726	2.004244

#1	.0631936	48.68233	.0003465	-.000071	63.22042	.000218	.0111138
#2	.0651960	49.71604	.0008376	.000840	64.65752	-.001905	.0110558
#3	.0656400	49.33361	.0001380	-.000201	63.92184	-.002652	.0107077

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7466842	.0084075	.5429146	.0013555	11.77053	11.19854	-.007992
Stddev	.0666669	.0012710	.0029436	.0001411	.01832	.05629	.001114
%RSD	8.928388	15.11749	.5421935	10.40792	.1556162	.5026745	13.93845

#1	.7948363	.0094372	.5412306	.0013245	11.75348	11.15780	-.008606
#2	.6705937	.0069870	.5411997	.0015094	11.76823	11.17503	-.006706
#3	.7746227	.0087985	.5463136	.0012324	11.78989	11.26277	-.008663

Sample Name: K4436-07 Acquired: 08/22/2019 17:13:11 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW8D-062-2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000973	.0064641	2.218122
Stddev	.000581	.0003880	.012478
%RSD	59.75826	6.001619	.5625473

#1	-.000839	.0063701	2.203806
#2	-.001610	.0061318	2.223870
#3	-.000470	.0068905	2.226690

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1477.929	2378.070	31199.62	5280.217	2551.033
Stddev	3.073	4.061	137.20	17.259	8.612
%RSD	.2079398	.1707799	.4397615	.3268538	.3375965

#1	1475.307	2380.247	31135.05	5292.245	2555.898
#2	1481.311	2380.580	31106.62	5287.964	2556.111
#3	1477.168	2373.385	31357.20	5260.443	2541.089

Sample Name: K4436-08 Acquired: 08/22/2019 17:17:01 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW8M-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037301	.0015634	.0097459	.0032407	-.000822	.0285375	.4153629
Stddev	.0036526	.0011528	.0004307	.0026487	.001201	.0092742	.0045869
%RSD	97.92012	73.73984	4.419521	81.73247	146.1614	32.49819	1.104310

#1	.0079465	.0002913	.0092651	.0002984	-.001807	.0308103	.4100846
#2	.0015321	.0018598	.0100964	.0039889	-.001175	.0364639	.4176218
#3	.0017119	.0025391	.0098762	.0054347	.000516	.0183382	.4183822

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001364	-.000064	84.14944	.0003216	-.001435	-.002979	6.300815
Stddev	.0000154	.000107	1.01954	.0005141	.000328	.002001	.064845
%RSD	11.25742	166.5816	1.211580	159.8681	22.85651	67.17315	1.029152

#1	.0001243	-.000182	82.97411	-.000177	-.001804	-.003591	6.229273
#2	.0001537	.000027	84.67873	.000850	-.001178	-.000743	6.317452
#3	.0001312	-.000038	84.79549	.000292	-.001323	-.004603	6.355721

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3078414	62.88072	.0003546	-.000014	50.86227	-.000100	.0144943
Stddev	.0030509	.54153	.0004240	.000464	.32293	.001751	.0002816
%RSD	.9910485	.8612052	119.5566	3261.501	.6349039	1751.509	1.942869

#1	.3044330	62.26227	.0001235	.000003	50.49169	-.001042	.0148195
#2	.3087739	63.26994	.0008439	.000441	51.08341	-.001179	.0143368
#3	.3103171	63.10994	.0000964	-.000486	51.01171	.001921	.0143268

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.638257	.0108388	.2206498	.0005608	3.770738	8.329314	-.008067
Stddev	.072107	.0017570	.0033734	.0006274	.012011	.081159	.000934
%RSD	4.401432	16.21071	1.528860	111.8953	.3185352	.9743838	11.57638

#1	1.591026	.0123568	.2220483	-.000157	3.778723	8.327625	-.007634
#2	1.602490	.0089140	.2168020	.000837	3.756925	8.249013	-.009139
#3	1.721255	.0112455	.2230990	.001003	3.776566	8.411306	-.007429

Sample Name: K4436-08 Acquired: 08/22/2019 17:17:01 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MW8M-062-1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001035	.0103196	.7307889
Stddev	.000632	.0005713	.0046178
%RSD	61.06969	5.536256	.6318955

#1	-.000413	.0103981	.7254604
#2	-.001677	.0108475	.7336255
#3	-.001017	.0097130	.7332808

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1475.099	2388.991	31333.59	5363.250	2546.226
Stddev	8.327	3.015	261.75	20.875	1.598
%RSD	.5644941	.1262240	.8353500	.3892228	.0627698

#1	1472.563	2390.912	31460.67	5366.594	2547.444
#2	1468.334	2385.515	31032.57	5382.251	2546.817
#3	1484.399	2390.545	31507.54	5340.905	2544.416

Sample Name: K4435-06 Acquired: 08/22/2019 17:20:49 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I01I-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084933	.0049768	.0405218	.0016925	.0004801	.1436318	.3870551
Stddev	.0036316	.0039654	.0015172	.0016659	.0010693	.0021689	.0035325
%RSD	42.75880	79.67854	3.744036	98.42587	222.7358	1.510024	.9126578

#1	.0125265	.0093527	.0417790	.0028281	-.000293	.1458729	.3833478
#2	.0074708	.0039562	.0388366	.0024693	.000033	.1415432	.3874354
#3	.0054825	.0016214	.0409497	-.000220	.001700	.1434794	.3903820

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000791	.0001483	152.3193	.0078024	-.001460	.0067363	.1988010
Stddev	.0000166	.0000741	1.4371	.0007999	.000419	.0013271	.0054315
%RSD	21.00866	49.99385	.9434588	10.25220	28.71701	19.70048	2.732110

#1	.0000955	.0002265	150.8924	.0086448	-.001522	.0074261	.1925422
#2	.0000798	.0001391	152.2991	.0077091	-.001844	.0052064	.2015824
#3	.0000622	.0000791	153.7663	.0070532	-.001013	.0075764	.2022784

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0787932	61.55325	.0077721	.0004287	56.05274	.0091045	.0943593
Stddev	.0004180	.40702	.0001579	.0004999	.69124	.0009229	.0006434
%RSD	.5305054	.6612525	2.031273	116.6287	1.233190	10.13698	.6818230

#1	.0783403	61.17031	.0075950	-.000134	55.39126	.0101114	.0943336
#2	.0788750	61.50876	.0078229	.000598	55.99664	.0089032	.0950152
#3	.0791642	61.98069	.0078982	.000822	56.77032	.0082988	.0937292

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.684195	.0994779	.4372361	.0003654	41.50038	25.33110	-.003910
Stddev	.071128	.0013158	.0013157	.0003521	.04347	.12948	.000482
%RSD	4.223252	1.322738	.3009031	96.35325	.1047361	.5111430	12.33596

#1	1.661166	.0998122	.4387391	.0007433	41.45237	25.48028	-.003391
#2	1.627434	.1005943	.4362932	.0000467	41.51172	25.26517	-.003996
#3	1.763984	.0980271	.4366761	.0003062	41.53705	25.24787	-.004344

Sample Name: K4435-06 Acquired: 08/22/2019 17:20:49 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I01I-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002334	.0075170	1.724392
Stddev	.000410	.0007981	.025064
%RSD	17.55789	10.61789	1.453501

#1	-.002807	.0071559	1.698333
#2	-.002090	.0084319	1.726515
#3	-.002104	.0069633	1.748326

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1463.468	2372.006	31055.27	5372.556	2539.762
Stddev	16.309	2.172	333.97	14.996	3.659
%RSD	1.114376	.0915878	1.075405	.2791160	.1440639

#1	1482.047	2371.759	31430.35	5385.320	2541.069
#2	1456.844	2369.967	30945.32	5376.306	2535.630
#3	1451.514	2374.291	30790.14	5356.041	2542.589

Sample Name: K4435-06DUP Acquired: 08/22/2019 17:24:38 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I01I-062-1DU Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096105	.0046192	.0422444	.0027206	-.000431	.1669928	.3924755
Stddev	.0008395	.0028184	.0023914	.0018868	.002526	.0044297	.0026423
%RSD	8.735495	61.01398	5.660941	69.35139	586.5510	2.652628	.6732330

#1	.0102699	.0018923	.0412247	.0006246	.001246	.1711304	.3896327
#2	.0086654	.0044443	.0405319	.0032537	-.003337	.1623197	.3929375
#3	.0098962	.0075209	.0449767	.0042835	.000799	.1675283	.3948563

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000869	.0001339	153.1910	.0100384	-.001367	.0078007	.2436070
Stddev	.0000299	.0000486	.9460	.0003739	.000299	.0020355	.0061678
%RSD	34.43868	36.28606	.6175346	3.724153	21.83240	26.09361	2.531859

#1	.0000567	.0000885	152.0988	.0101437	-.001631	.0055223	.2440449
#2	.0000874	.0001851	153.7507	.0096232	-.001428	.0094399	.2372319
#3	.0001166	.0001280	153.7236	.0103483	-.001043	.0084400	.2495442

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0926823	62.58617	.0086005	.0004059	56.97460	.0072013	.1065780
Stddev	.0004392	.30514	.0004046	.0000906	.13800	.0010804	.0001479
%RSD	.4738568	.4875556	4.704130	22.33266	.2422115	15.00268	.1387711

#1	.0930893	62.35900	.0085986	.0003192	56.81853	.0066996	.1067319
#2	.0927409	62.46650	.0090060	.0005000	57.08047	.0084413	.1064369
#3	.0922168	62.93300	.0081969	.0003986	57.02481	.0064630	.1065651

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.774187	.1090629	.4438146	.0002188	41.36754	25.85935	-.002827
Stddev	.097299	.0014382	.0019296	.0001923	.06169	.14273	.000811
%RSD	5.484123	1.318666	.4347862	87.87033	.1491163	.5519348	28.68842

#1	1.778124	.1074644	.4417474	.0000828	41.42959	25.77012	-.001918
#2	1.869457	.1102520	.4455683	.0004388	41.30622	26.02397	-.003477
#3	1.674979	.1094724	.4441280	.0001348	41.36680	25.78397	-.003085

Sample Name: K4435-06DUP Acquired: 08/22/2019 17:24:38 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I01I-062-1DU Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001028	.0081989	1.754760
Stddev	.000567	.0005891	.013858
%RSD	55.16353	7.184982	.7897531

#1	-.000890	.0076904	1.749881
#2	-.000542	.0088444	1.744002
#3	-.001651	.0080618	1.770398

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1463.335	2354.722	31172.48	5275.249	2525.439
Stddev	13.748	3.358	117.98	20.759	3.589
%RSD	.9394848	.1426085	.3784664	.3935173	.1420962

#1	1447.501	2354.608	31074.27	5258.017	2526.322
#2	1472.230	2351.422	31303.34	5269.436	2528.503
#3	1470.275	2358.135	31139.82	5298.295	2521.491

Sample Name: K4435-06LX5 Acquired: 08/22/2019 17:28:27 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0005330	.0009955	.0074103	.0018140	.0004772	.0279519	.0786023
Stddev	.0016572	.0020635	.0008863	.0008127	.0009043	.0031099	.0015137
%RSD	310.9174	207.2762	11.96092	44.80265	189.4947	11.12574	1.925837

#1	-.000814	-.000859	.0078055	.0011024	.0015156	.0315257	.0768611
#2	.002384	.003218	.0063951	.0016400	-.000137	.0258614	.0796058
#3	.000029	.000627	.0080304	.0026997	.000053	.0264686	.0793400

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000282	-.000011	30.53487	.0019621	-.001445	-.001461	.0340642
Stddev	.0000207	.000019	.50414	.0001386	.000119	.000960	.0068849
%RSD	73.27198	182.3457	1.651035	7.062916	8.224069	65.71377	20.21165

#1	.0000045	-.000003	29.95736	.0019890	-.001316	-.002140	.0407574
#2	.0000422	.000004	30.76021	.0020853	-.001549	-.000363	.0270023
#3	.0000380	-.000033	30.88703	.0018121	-.001470	-.001882	.0344329

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171915	12.33596	.0019160	.0001958	11.33235	.0022101	.0206657
Stddev	.0005615	.21512	.0003359	.0000764	.28085	.0024496	.0003015
%RSD	3.266239	1.743837	17.53149	39.02452	2.478330	110.8376	1.458839

#1	.0166786	12.09193	.0018434	.0002640	11.02578	.0039442	.0206492
#2	.0171045	12.41780	.0022823	.0002102	11.39405	-.000592	.0209751
#3	.0177914	12.49814	.0016224	.0001132	11.57722	.003278	.0203728

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2208101	.0212776	.0842759	-.000167	8.285004	5.120015	-.005440
Stddev	.0474435	.0024050	.0007046	.000321	.015409	.019197	.001387
%RSD	21.48612	11.30314	.8360509	191.7600	.1859871	.3749474	25.50696

#1	.1972704	.0204752	.0837929	-.000390	8.280474	5.137108	-.005891
#2	.1897395	.0239812	.0850844	-.000312	8.272368	5.099245	-.006546
#3	.2754203	.0193763	.0839505	.000201	8.302170	5.123693	-.003883

Sample Name: K4435-06LX5 Acquired: 08/22/2019 17:28:27 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000069	.0016958	.3486422
Stddev	.001631	.0012622	.0057709
%RSD	2352.381	74.43244	1.655247

#1	.000564	.0028537	.3425707
#2	.001150	.0003503	.3492998
#3	-.001922	.0018832	.3540561

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1400.793	2270.373	29586.91	5113.666	2431.022
Stddev	5.563	8.677	61.48	10.666	1.151
%RSD	.3971458	.3821857	.2077941	.2085759	.0473357

#1	1402.210	2260.363	29535.47	5123.671	2430.140
#2	1394.658	2275.741	29655.00	5114.883	2430.602
#3	1405.510	2275.017	29570.27	5102.443	2432.323

Sample Name: K4435-06MS Acquired: 08/22/2019 17:32:17 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I01I-062-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7628761	1.883215	.9655179	1.871834	.7660828	1.927937	.5453244
Stddev	.0016507	.003772	.0035175	.011028	.0022087	.014712	.0074013
%RSD	.2163829	.2002754	.3643088	.5891562	.2883055	.7631155	1.357229

#1	.7609893	1.879643	.9678322	1.868406	.7640476	1.911067	.5368315
#2	.7635858	1.887158	.9672515	1.884169	.7657694	1.938104	.5487448
#3	.7640534	1.882845	.9614702	1.862928	.7684314	1.934640	.5503969

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1869536	.1838795	139.9437	.3819368	.1826690	.2770672	2.928802
Stddev	.0017789	.0002881	1.5245	.0006183	.0003462	.0047222	.046911
%RSD	.9515223	.1567005	1.089355	.1618789	.1895057	1.704368	1.601711

#1	.1876670	.1840647	138.2090	.3814692	.1823934	.2728272	2.878015
#2	.1849287	.1840262	140.5520	.3817035	.1830575	.2821565	2.970510
#3	.1882650	.1835475	141.0702	.3826378	.1825561	.2762180	2.937881

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2211402	58.70840	.4763098	.0720910	54.00484	.2887150	.2464512
Stddev	.0018118	.54116	.0017050	.0002480	.71270	.0052677	.0017709
%RSD	.8193177	.9217807	.3579623	.3440071	1.319688	1.824524	.7185783

#1	.2190909	58.10895	.4767620	.0718682	53.18264	.2861204	.2445656
#2	.2225297	59.16094	.4777432	.0720466	54.44636	.2947767	.2467086
#3	.2218000	58.85530	.4744243	.0723582	54.38551	.2852479	.2480793

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.90628	6.229503	.6644406	.3564791	36.66394	24.27427	.6387021
Stddev	.16434	.005374	.0075467	.0009325	.11522	.24280	.0013578
%RSD	1.506839	.0862667	1.135795	.2616010	.3142482	1.000220	.2125874

#1	10.77979	6.232496	.6674377	.3567456	36.72702	24.39767	.6396733
#2	11.09203	6.232714	.6558558	.3554423	36.73384	23.99456	.6392824
#3	10.84702	6.223299	.6700284	.3572494	36.53096	24.43058	.6371506

Sample Name: K4435-06MS Acquired: 08/22/2019 17:32:17 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I01I-062-1MS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1688291	.1055145	1.766526
Stddev	.0011058	.0017243	.023603
%RSD	.6550036	1.634144	1.336105

#1	.1675531	.1041352	1.752829
#2	.1695094	.1049608	1.793780
#3	.1694248	.1074476	1.752970

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1458.310	2348.302	30970.82	5215.141	2528.092
Stddev	24.648	7.679	394.31	22.900	3.554
%RSD	1.690179	.3270038	1.273167	.4391072	.1405843

#1	1481.069	2356.384	31348.71	5239.897	2532.191
#2	1432.131	2347.421	30561.92	5210.810	2525.885
#3	1461.730	2341.102	31001.83	5194.716	2526.198

Sample Name: K4435-06MSD Acquired: 08/22/2019 17:35:56 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I01I-062-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7572290	1.878831	.9670309	1.869854	.7665667	1.937841	.5416001
Stddev	.0072479	.008586	.0054605	.005902	.0032503	.022244	.0069621
%RSD	.9571550	.4570114	.5646642	.3156138	.4240049	1.147898	1.285474

#1	.7547227	1.871589	.9618350	1.866656	.7643809	1.912161	.5341643
#2	.7653973	1.888316	.9665354	1.876664	.7703018	1.950233	.5426717
#3	.7515669	1.876586	.9727222	1.866242	.7650176	1.951130	.5479643

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1845516	.1843439	138.7948	.3773884	.1834059	.2767904	2.940453
Stddev	.0006254	.0003732	1.9858	.0035197	.0002478	.0024776	.025319
%RSD	.3388806	.2024637	1.430764	.9326355	.1351104	.8951112	.8610480

#1	.1850181	.1839576	136.6590	.3805350	.1834875	.2739875	2.912994
#2	.1847957	.1843716	139.1402	.3780427	.1836025	.2786881	2.962874
#3	.1838409	.1847025	140.5853	.3735875	.1831275	.2776956	2.945492

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2206558	58.09570	.4738906	.0716013	53.80696	.2896399	.2442695
Stddev	.0028714	.82802	.0011059	.0001408	.97727	.0077087	.0008741
%RSD	1.301291	1.425260	.2333711	.1966232	1.816243	2.661459	.3578573

#1	.2173443	57.15760	.4729701	.0715546	52.74906	.2828542	.2451965
#2	.2221684	58.40484	.4735844	.0714898	53.99580	.2980216	.2441517
#3	.2224546	58.72468	.4751174	.0717595	54.67602	.2880438	.2434602

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.88394	6.182958	.6584165	.3547694	36.39225	23.81628	.6381708
Stddev	.18767	.027168	.0030360	.0003507	.18980	.09081	.0024203
%RSD	1.724317	.4393973	.4611084	.0988640	.5215454	.3812969	.3792562

#1	10.66975	6.178972	.6614528	.3548074	36.18260	23.90185	.6396830
#2	10.96249	6.211898	.6584159	.3544012	36.55240	23.82597	.6353793
#3	11.01957	6.158003	.6553808	.3550996	36.44175	23.72101	.6394500

Sample Name: K4435-06MSD Acquired: 08/22/2019 17:35:56 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I01I-062-1MS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1689556	.1055618	1.762163
Stddev	.0017410	.0029400	.025805
%RSD	1.030429	2.785061	1.464412

#1	.1676095	.1025334	1.732543
#2	.1709217	.1057475	1.774165
#3	.1683356	.1084045	1.779782

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1451.235	2351.828	30845.74	5234.033	2531.611
Stddev	4.239	3.630	168.08	14.567	2.835
%RSD	.2920920	.1543657	.5449077	.2783123	.1119959

#1	1453.912	2347.702	30989.43	5248.596	2529.506
#2	1453.445	2354.530	30886.89	5234.041	2534.835
#3	1446.348	2353.254	30660.91	5219.462	2530.493

Sample Name: CCV09 Acquired: 08/22/2019 17:39:35 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	4.955081	4.784011	4.844607	4.930765	4.972897	9.520055	9.962017
Stddev	.004496	.025578	.016724	.004635	.005041	.158737	.089415
%RSD	.0907364	.5346618	.3452149	.0940117	.1013709	1.667398	.8975584

#1	4.950776	4.754652	4.825705	4.935682	4.968666	9.364263	9.874123
#2	4.954720	4.801480	4.850631	4.930138	4.978474	9.514321	9.959047
#3	4.959747	4.795901	4.857485	4.926475	4.971550	9.681582	10.05288

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2387350	2.417503	24.30972	.9839133	2.424631	1.191749	4.838094
Stddev	.0018176	.008943	.25487	.0009394	.007419	.022851	.075545
%RSD	.7613648	.3699074	1.048421	.0954776	.3059916	1.917463	1.561471

#1	.2366573	2.408360	24.04763	.9829475	2.416092	1.172346	4.775758
#2	.2395165	2.417918	24.32482	.9839686	2.428299	1.185964	4.816415
#3	.2400311	2.426231	24.55670	.9848239	2.429501	1.216937	4.922109

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.411862	24.00974	2.460918	1.236747	24.67927	2.434713	2.455380
Stddev	.027421	.30078	.008882	.002848	.37989	.031490	.013769
%RSD	1.136906	1.252727	.3609387	.2302875	1.539289	1.293380	.5607585

#1	2.382392	23.70999	2.451022	1.239254	24.25111	2.403942	2.467654
#2	2.416571	24.00771	2.463534	1.237335	24.81075	2.433320	2.457993
#3	2.436624	24.31153	2.468200	1.233650	24.97595	2.466876	2.440491

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.70677	5.157591	4.744474	4.913378	4.876976	4.751695	4.885807
Stddev	.29520	.012507	.037376	.005527	.012670	.044003	.012302
%RSD	1.245218	.2424898	.7877826	.1124950	.2597913	.9260432	.2517817

#1	23.45640	5.148257	4.707088	4.907008	4.883456	4.704500	4.872187
#2	23.63162	5.171801	4.744492	4.916229	4.885096	4.758991	4.889120
#3	24.03228	5.152715	4.781841	4.916899	4.862377	4.791593	4.896112

Sample Name: CCV09 Acquired: 08/22/2019 17:39:35 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	4.721989	4.890633	4.694955
Stddev	.065516	.030981	.055760
%RSD	1.387460	.6334858	1.187651

#1	4.660003	4.856709	4.630580
#2	4.715424	4.897760	4.728167
#3	4.790540	4.917430	4.726118

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1371.607	2237.273	29338.21	5024.936	2440.262
Stddev	10.404	2.047	115.62	22.147	6.048
%RSD	.7584935	.0915075	.3941092	.4407468	.2478442

#1	1360.205	2239.390	29204.76	5041.778	2446.311
#2	1374.034	2237.124	29401.34	5033.181	2440.260
#3	1380.583	2235.304	29408.53	4999.848	2434.215

Sample Name: CCB09 Acquired: 08/22/2019 17:43:13 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	-.000202	.0026890	.0004643	.0016654	.0005142	-.000806
Stddev	.000721	.0018164	.0015280	.0002590	.0017260	.006184
%RSD	357.7602	67.54958	329.1087	15.55063	335.6870	767.3199

#1	.000467	.0046669	.0019027	.0014611	-.001256	.005574
#2	-.000106	.0010957	-.001140	.0015784	.002193	-.006774
#3	-.000965	.0023044	.000630	.0019567	.000606	-.001217

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010469	-.000010	.0000704	-.001952	.0001423	-.000147
Stddev	.0002656	.000025	.0000751	.010200	.0002670	.000326
%RSD	25.36891	240.2277	106.7308	522.5271	187.6819	222.0090

#1	.0007416	-.000004	-.000016	-.001169	.0001008	-.000290
#2	.0011743	.000011	.000114	-.012521	-.000102	-.000376
#3	.0012247	-.000037	.000114	.007834	.000428	.000226

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001206	-.003869	.0002497	-.015543	.0007673	.0002142
Stddev	.001384	.010403	.0001914	.023277	.0001630	.0004899
%RSD	114.8037	268.9249	76.66634	149.7602	21.24353	228.7536

#1	-.002802	.001436	.0002646	.008214	.0007186	.0004608
#2	-.000324	-.015855	.0004333	-.038308	.0006342	-.000350
#3	-.000493	.002813	.0000513	-.016533	.0009491	.000532

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3281518	-.001045	.0004722	-.086121	-.001547	.0049554
Stddev	.2359396	.000597	.0000845	.037372	.000673	.0007347
%RSD	71.89952	57.14966	17.88536	43.39531	43.52700	14.82614

#1	.5714396	-.000644	.0003920	-.050431	-.002166	.0058004
#2	.3126954	-.001732	.0004644	-.124974	-.001643	.0044672
#3	.1003204	-.000759	.0005604	-.082957	-.000830	.0045987

Sample Name: CCB09 Acquired: 08/22/2019 17:43:13 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0007589	F -.013301	.0037151	-.002396	.0006955	.0008716
Stddev	.0003237	.000851	.0011641	.000919	.0012185	.0006673
%RSD	42.64576	6.400384	31.33301	38.34609	175.2001	76.55958

#1	.0007385	-.012956	.0044921	-.003078	.0016046	.0015818
#2	.0010924	-.012677	.0042765	-.001351	-.000689	.0002577
#3	.0004460	-.014271	.0023767	-.002760	.001171	.0007753

Elem	Sr4077
Units	ppm
Avg	.0003365
Stddev	.0001082
%RSD	32.14377

#1	.0004610
#2	.0002832
#3	.0002654

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1399.789	2244.120	29250.26	5018.013	2365.297
Stddev	8.939	1.755	134.98	32.825	1.411
%RSD	.6386224	.0781956	.4614660	.6541477	.0596444

#1	1399.028	2242.526	29240.94	4998.273	2365.417
#2	1409.085	2246.001	29389.66	5055.905	2366.644
#3	1391.255	2243.833	29120.18	4999.860	2363.831

Sample Name: K4435-06A Acquired: 08/22/2019 17:47:06 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.7601549	1.885367	.9667746	1.854619	.7651800	1.942539	.5459103
Stddev	.0079489	.013077	.0054512	.005324	.0021033	.021729	.0045597
%RSD	1.045696	.6936245	.5638585	.2870585	.2748812	1.118611	.8352518

#1	.7510627	1.878861	.9638917	1.859409	.7675553	1.919248	.5407321
#2	.7636133	1.876819	.9633702	1.848888	.7644310	1.962266	.5476745
#3	.7657888	1.900421	.9730620	1.855562	.7635536	1.946105	.5493244

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1881148	.1843785	140.2491	.3809511	.1837588	.2798203	2.968204
Stddev	.0011199	.0006309	1.3545	.0020292	.0008311	.0033991	.035388
%RSD	.5953154	.3421699	.9657679	.5326605	.4522901	1.214751	1.192227

#1	.1876558	.1841087	138.6861	.3832836	.1835628	.2781833	2.927430
#2	.1893913	.1839273	140.9817	.3795924	.1830432	.2837282	2.990913
#3	.1872974	.1850994	141.0794	.3799773	.1846704	.2775495	2.986270

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2225460	58.95100	.4759150	.0713406	54.35549	.2916811	.2449887
Stddev	.0029252	.74331	.0004679	.0007597	.79880	.0020232	.0013127
%RSD	1.314405	1.260901	.0983220	1.064933	1.469589	.6936310	.5358176

#1	.2193073	58.09644	.4753784	.0708136	53.43338	.2907347	.2437428
#2	.2249959	59.44768	.4762382	.0722114	54.79727	.2940041	.2463593
#3	.2233346	59.30887	.4761285	.0709967	54.83582	.2903045	.2448641

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.16716	6.223654	.6747188	.3570508	36.45300	24.31157	.6409527
Stddev	.03795	.012235	.0058070	.0002497	.12794	.15744	.0032156
%RSD	.3398376	.1965820	.8606602	.0699345	.3509674	.6476080	.5016974

#1	11.13281	6.224273	.6701646	.3573229	36.41323	24.24466	.6415172
#2	11.20790	6.211122	.6812581	.3569973	36.34966	24.49141	.6374922
#3	11.16076	6.235567	.6727338	.3568321	36.59610	24.19863	.6438487

Sample Name: K4435-06A Acquired: 08/22/2019 17:47:06 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1720199	.1069014	1.791094
Stddev	.0028568	.0011288	.021904
%RSD	1.660737	1.055911	1.222926

#1	.1694205	.1058107	1.767657
#2	.1750784	.1068288	1.811047
#3	.1715607	.1080647	1.794578

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1452.993	2348.362	30930.81	5148.890	2526.500
Stddev	6.437	6.232	93.27	41.879	7.169
%RSD	.4430423	.2653688	.3015467	.8133568	.2837636

#1	1460.364	2349.880	30957.80	5183.857	2532.462
#2	1450.135	2353.695	30827.02	5102.479	2528.493
#3	1448.479	2341.511	31007.61	5160.334	2518.545

Sample Name: K4435-07 Acquired: 08/22/2019 17:50:43 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I03I-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028358	.0040077	.0065487	.0006149	.0005037	.9536529	.0875044
Stddev	.0016896	.0029446	.0003685	.0018969	.0006900	.0047020	.0002123
%RSD	59.58247	73.47305	5.627588	308.5105	136.9856	.4930557	.2426554

#1	.0022758	.0006076	.0063510	.0027814	.0012959	.9529685	.0877407
#2	.0047343	.0057221	.0069739	-.000747	.0000350	.9493305	.0874429
#3	.0014973	.0056933	.0063212	-.000189	.0001801	.9586596	.0873296

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000567	.0000398	42.28413	.0020585	-.001430	-.001870	.0180602
Stddev	.0000295	.0000945	.19016	.0001626	.000286	.001788	.0047680
%RSD	52.02662	237.5626	.4497191	7.900550	20.00962	95.61759	26.40064

#1	.0000869	-.000035	42.06535	.0019559	-.001255	-.001363	.0174153
#2	.0000280	.000009	42.40977	.0022460	-.001761	-.003858	.0136474
#3	.0000552	.000146	42.37727	.0019735	-.001276	-.000390	.0231178

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095394	12.13551	.0013908	-.000188	182.0375	.0014955	.0197445
Stddev	.0003465	.09061	.0005495	.000129	.0642	.0011937	.0003858
%RSD	3.632736	.7466399	39.50994	68.44281	.0352569	79.82373	1.953831

#1	.0093664	12.10196	.0019852	-.000227	182.1041	.0002332	.0200543
#2	.0099384	12.23811	.0009015	-.000045	181.9761	.0016470	.0198667
#3	.0093135	12.06647	.0012856	-.000294	182.0324	.0026062	.0193124

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.294970	.0135381	.2025518	.0007110	21.10763	2.979384	-.004978
Stddev	.036008	.0014690	.0020294	.0003775	.10200	.025814	.001188
%RSD	1.568992	10.85093	1.001919	53.09731	.4832211	.8664317	23.85715

#1	2.336245	.0143298	.2044294	.0002966	21.15084	3.003774	-.004962
#2	2.269994	.0144414	.2003987	.0010353	20.99114	2.982029	-.003799
#3	2.278671	.0118430	.2028274	.0008012	21.18090	2.952349	-.006174

Sample Name: K4435-07 Acquired: 08/22/2019 17:50:43 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: I03I-062-1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000657	-.000829	.6699345
Stddev	.000668	.000198	.0018188
%RSD	101.6715	23.83801	.2714850

#1	-.001405	-.000987	.6696241
#2	-.000447	-.000608	.6718886
#3	-.000119	-.000892	.6682910

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1476.571	2392.743	31065.57	5186.005	2599.359
Stddev	7.936	4.382	191.58	33.381	4.394
%RSD	.5374602	.1831204	.6166830	.6436805	.1690589

#1	1483.329	2396.487	31227.71	5169.457	2595.293
#2	1467.833	2387.924	30854.18	5164.130	2598.763
#3	1478.553	2393.819	31114.83	5224.427	2604.021

Sample Name: K4435-08 Acquired: 08/22/2019 17:54:34 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I04I-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055071	.0047636	.0040578	-.000254	.0009093	.9169719	.0946605
Stddev	.0023031	.0018694	.0013709	.001339	.0007475	.0075684	.0011662
%RSD	41.82131	39.24443	33.78316	527.7097	82.20764	.8253642	1.231996

#1	.0040954	.0061849	.0028247	-.001750	.0016746	.9156080	.0933478
#2	.0081649	.0054600	.0038148	.000160	.0001810	.9101782	.0950570
#3	.0042611	.0026459	.0055339	.000830	.0008722	.9251294	.0955768

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000589	.0000799	46.06973	.0006377	-.001581	-.004564	-.014903
Stddev	.0000226	.0000883	.20237	.0001667	.000364	.002353	.007398
%RSD	38.40564	110.6101	.4392783	26.13738	23.02949	51.54367	49.64107

#1	.0000844	.0001314	45.88166	.0007996	-.001914	-.003215	-.009230
#2	.0000511	.0001303	46.04364	.0006467	-.001192	-.003197	-.023271
#3	.0000412	-.000022	46.28388	.0004666	-.001635	-.007281	-.012209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058510	13.53921	.0009133	.0002789	183.6827	.0004114	.0121032
Stddev	.0002605	.04488	.0004176	.0004189	.5526	.0003951	.0002577
%RSD	4.452269	.3314449	45.72012	150.1889	.3008582	96.05425	2.128921

#1	.0058952	13.58389	.0005467	-.000187	183.7682	.0006186	.0118309
#2	.0055712	13.49414	.0013678	.000398	184.1876	.0006598	.0123432
#3	.0060866	13.53959	.0008255	.000625	183.0923	-.000044	.0121355

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.214624	.0056332	.2073905	-.000229	22.32246	3.170102	-.006833
Stddev	.071133	.0012819	.0011747	.000462	.03756	.012512	.000332
%RSD	3.211947	22.75556	.5663995	201.4583	.1682667	.3946746	4.858064

#1	2.282535	.0061793	.2086710	-.000593	22.35248	3.181585	-.007025
#2	2.140657	.0041687	.2071377	-.000384	22.33456	3.171953	-.007024
#3	2.220679	.0065515	.2063629	.000290	22.28034	3.156768	-.006450

Sample Name: K4435-08 Acquired: 08/22/2019 17:54:34 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I04I-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003766	-.000341	.6955033
Stddev	.0005388	.001128	.0021107
%RSD	143.0719	331.0422	.3034845

#1	-.000176	.000740	.6946123
#2	.000404	-.001510	.6979134
#3	.000901	-.000252	.6939840

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1470.070	2396.091	30871.44	5258.935	2597.203
Stddev	15.177	1.221	93.62	26.209	3.446
%RSD	1.032408	.0509583	.3032599	.4983765	.1326800

#1	1487.593	2397.034	30952.46	5268.352	2593.273
#2	1461.109	2394.712	30892.90	5229.319	2598.628
#3	1461.507	2396.528	30768.95	5279.135	2599.708

Sample Name: K4435-09 Acquired: 08/22/2019 17:58:24 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I05I-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054395	.0028871	.0042752	.0015802	-.000778	.9446730	.0950065
Stddev	.0032957	.0013824	.0015149	.0021203	.001227	.0203825	.0009727
%RSD	60.58883	47.88078	35.43396	134.1768	157.7096	2.157629	1.023792

#1	.0074605	.0030445	.0040409	.0027868	-.002149	.9238337	.0938864
#2	.0072216	.0041841	.0028911	-.000868	.000217	.9456195	.0956381
#3	.0016364	.0014328	.0058936	.002822	-.000401	.9645658	.0954950

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000228	.0000126	46.01247	.0007872	-.001368	.0005065	-.016028
Stddev	.0000479	.0000375	.40097	.0001169	.000042	.0017156	.001806
%RSD	210.4343	298.5664	.8714331	14.85189	3.081606	338.7275	11.26734

#1	.0000328	-.000020	45.54965	.0009097	-.001352	-.001359	-.017433
#2	-.000029	.000054	46.25480	.0007751	-.001416	.002017	-.016662
#3	.000065	.000004	46.23297	.0006768	-.001337	.000862	-.013991

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029625	13.29441	.0005473	.0000986	190.9219	.0014943	.0157843
Stddev	.0002510	.13938	.0002623	.0000377	1.9753	.0018761	.0002159
%RSD	8.474023	1.048431	47.91942	38.25584	1.034627	125.5466	1.368024

#1	.0026810	13.14481	.0002446	.0001217	188.7573	-.000402	.0158769
#2	.0031631	13.31779	.0007060	.0001192	191.3816	.001535	.0159386
#3	.0030434	13.42062	.0006913	.0000551	192.6268	.003350	.0155376

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.269103	.0045278	.2121836	.0000643	23.20082	3.170202	-.006791
Stddev	.075436	.0014583	.0008013	.0004216	.06859	.011634	.000743
%RSD	3.324478	32.20713	.3776546	656.2251	.2956190	.3669812	10.93456

#1	2.326205	.0034145	.2117717	-.000380	23.19257	3.166363	-.007558
#2	2.183586	.0039903	.2116720	.000115	23.13674	3.160972	-.006075
#3	2.297517	.0061785	.2131070	.000458	23.27316	3.183270	-.006740

Sample Name: K4435-09 Acquired: 08/22/2019 17:58:24 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: I05I-062-1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000471	-.001047	.7042793
Stddev	.000790	.001074	.0084086
%RSD	167.9476	102.5275	1.193928

#1	-.001109	-.000920	.6979397
#2	-.000716	-.000043	.7010803
#3	.000413	-.002179	.7138179

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1480.504	2389.677	31072.96	5299.067	2585.455
Stddev	11.811	1.909	49.07	41.599	3.481
%RSD	.7977550	.0799041	.1579236	.7850319	.1346318

#1	1484.977	2390.344	31129.62	5316.886	2589.473
#2	1489.424	2387.523	31044.04	5328.789	2583.362
#3	1467.110	2391.163	31045.23	5251.527	2583.529

Sample Name: K4435-10 Acquired: 08/22/2019 18:02:14 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: I06I-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055580	.0043167	.0063924	-.000473	-.001342	.7820565	.0812427
Stddev	.0035647	.0023852	.0014213	.001608	.000755	.0119621	.0005765
%RSD	64.13637	55.25551	22.23367	339.8147	56.25270	1.529571	.7095541

#1	.0075990	.0065760	.0048830	.001099	-.000648	.7819474	.0806067
#2	.0014419	.0045512	.0065893	-.002115	-.002146	.7940728	.0817307
#3	.0076330	.0018229	.0077050	-.000404	-.001233	.7701493	.0813907

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000764	.0000170	39.80188	.0013917	-.001708	.0218113	-.011680
Stddev	.0000121	.0001356	.18599	.0006121	.000296	.0005185	.002970
%RSD	15.86814	797.0021	.4672770	43.97866	17.33344	2.377226	25.42827

#1	.0000787	-.000098	39.62474	.0012347	-.001400	.0216127	-.013770
#2	.0000633	-.000017	39.78531	.0020670	-.001734	.0214214	-.012990
#3	.0000873	.000166	39.99560	.0008735	-.001990	.0223997	-.008280

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016535	11.30769	.0009973	.0004375	168.9798	.0025712	.0399546
Stddev	.0003941	.05500	.0002114	.0001434	.7347	.0012140	.0008243
%RSD	23.83246	.4863547	21.20017	32.77960	.4347741	47.21695	2.062964

#1	.0017164	11.24555	.0009405	.0002810	168.2024	.0023921	.0393923
#2	.0020124	11.35010	.0008201	.0004688	169.6627	.0038648	.0409008
#3	.0012318	11.32743	.0012313	.0005626	169.0742	.0014566	.0395708

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.882623	.0040911	.1848449	-.000126	20.22423	2.803000	-.005881
Stddev	.055704	.0010213	.0023285	.000153	.03036	.026231	.001932
%RSD	2.958866	24.96493	1.259683	122.0879	.1500974	.9358253	32.85249

#1	1.820849	.0042758	.1839328	-.000219	20.20157	2.784605	-.008029
#2	1.897988	.0029900	.1874913	-.000209	20.21239	2.833037	-.004286
#3	1.929032	.0050074	.1831105	.000051	20.25872	2.791358	-.005328

Sample Name: K4435-10 Acquired: 08/22/2019 18:02:14 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: I06I-062-1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000625	.0003552	.6098429
Stddev	.000751	.0005507	.0055746
%RSD	120.1586	155.0493	.9141099

#1	-.000358	-.000039	.6082912
#2	-.000044	.000120	.6160290
#3	-.001474	.000984	.6052085

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1469.987	2382.925	30866.21	5315.918	2571.211
Stddev	8.591	3.927	281.28	20.157	1.998
%RSD	.5844116	.1647992	.9112958	.3791738	.0777044

#1	1466.845	2385.979	30753.03	5338.853	2572.606
#2	1479.707	2384.299	31186.45	5301.020	2568.922
#3	1463.410	2378.495	30659.15	5307.881	2572.106

Sample Name: K4436-09 Acquired: 08/22/2019 18:06:05 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW4M-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0146859	.0024354	.0144260	.0010630	.0008392	.1977589	.0044931
Stddev	.0013878	.0004901	.0003548	.0003787	.0011057	.0052648	.0001119
%RSD	9.449625	20.12272	2.459449	35.62379	131.7561	2.662204	2.490989

#1	.0146782	.0028468	.0144923	.0012288	.0014868	.1975818	.0044997
#2	.0160775	.0018932	.0140427	.0006297	-.000438	.1925850	.0043780
#3	.0133020	.0025662	.0147430	.0013304	.001468	.2031100	.0046016

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000840	.0002767	13.87692	.0005124	-.000604	.0269648	.0038636
Stddev	.0000571	.0000453	.02980	.0003242	.000299	.0027193	.0064695
%RSD	67.90219	16.37459	.2147207	63.27666	49.44831	10.08462	167.4486

#1	.0000943	.0002900	13.91132	.0005127	-.000822	.0275022	-.003606
#2	.0000225	.0003139	13.85924	.0008365	-.000264	.0293753	.007528
#3	.0001353	.0002262	13.86019	.0001880	-.000727	.0240169	.007669

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010504	.5437661	.0025923	.0002804	96.99806	.0179045	.0458961
Stddev	.0002721	.0216329	.0007200	.0002843	.08084	.0020546	.0004145
%RSD	25.90782	3.978353	27.77258	101.4171	.0833430	11.47561	.9030911

#1	.0010107	.5581907	.0028596	.0006056	97.07341	.0189914	.0463017
#2	.0013402	.5188922	.0017770	.0000791	97.00809	.0191875	.0459133
#3	.0008003	.5542154	.0031404	.0001564	96.91267	.0155347	.0454733

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1472911	.1160180	1.108260	.1357009	19.64914	9.949806	-.004106
Stddev	.0598672	.0006296	.008515	.0005791	.02306	.058585	.001001
%RSD	40.64552	.5426744	.7683366	.4267190	.1173555	.5888055	24.36686

#1	.1007555	.1159069	1.113854	.1350487	19.67016	10.00256	-.003036
#2	.2148298	.1154514	1.112466	.1361547	19.65280	9.96011	-.005019
#3	.1262879	.1166958	1.098460	.1358992	19.62448	9.88675	-.004264

Sample Name: K4436-09 Acquired: 08/22/2019 18:06:05 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW4M-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021960	-.003877	.0603705
Stddev	.0008450	.001159	.0002532
%RSD	38.47945	29.87944	.4193862

#1	.0021233	-.005158	.0605051
#2	.0013897	-.002902	.0605279
#3	.0030750	-.003572	.0600784

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1470.524	2381.412	30900.70	5229.914	2560.063
Stddev	4.134	3.535	165.40	45.625	2.075
%RSD	.2810989	.1484218	.5352563	.8723835	.0810577

#1	1466.295	2377.698	30792.49	5190.228	2557.793
#2	1474.555	2381.804	30818.52	5219.751	2561.863
#3	1470.723	2384.734	31091.10	5279.763	2560.532

Sample Name: K4436-12 Acquired: 08/22/2019 18:17:34 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MWP2-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151596	.0023166	.0193391	.0043701	-.000749	.0737915	.0570251
Stddev	.0007738	.0006859	.0005225	.0012929	.000571	.0081542	.0004358
%RSD	5.104272	29.60868	2.701935	29.58489	76.23877	11.05034	.7642496

#1	.0154917	.0025853	.0195239	.0032423	-.000538	.0643759	.0572154
#2	.0142752	.0015370	.0197441	.0040868	-.000314	.0784807	.0565265
#3	.0157119	.0028275	.0187492	.0057811	-.001397	.0785180	.0573335

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003575	-.000215	21.92473	-.000375	.0255462	.0011739	18.90770
Stddev	.0000454	.000059	.01941	.000451	.0003630	.0029542	.09646
%RSD	12.70354	27.61002	.0885122	120.4047	1.420963	251.6576	.5101394

#1	.0003162	-.000268	21.92105	-.000548	.0259384	.0034803	18.83541
#2	.0003501	-.000151	21.90743	.000137	.0252221	.0021972	18.87047
#3	.0004061	-.000224	21.94571	-.000714	.0254782	-.002156	19.01723

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.443591	9.523174	.0116193	-.000351	181.3635	.0044991	.0138631
Stddev	.003381	.049757	.0001490	.000101	.2181	.0014289	.0004661
%RSD	.1383686	.5224855	1.282581	28.72180	.1202470	31.76089	3.362202

#1	2.444002	9.468184	.0116636	-.000309	181.2488	.0039048	.0143149
#2	2.440023	9.536249	.0114532	-.000278	181.2268	.0061292	.0133839
#3	2.446748	9.565088	.0117412	-.000466	181.6150	.0034631	.0138906

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.002037	.1255246	.1575196	.0004615	13.91734	14.13292	-.006002
Stddev	.063269	.0003626	.0012324	.0003282	.04200	.05820	.001065
%RSD	3.160228	.2888708	.7823632	71.11192	.3018168	.4118170	17.73990

#1	2.054012	.1259395	.1589335	.0000939	13.93302	14.18563	-.006663
#2	1.931587	.1253663	.1569519	.0005656	13.94924	14.14268	-.004773
#3	2.020512	.1252681	.1566734	.0007250	13.86975	14.07046	-.006568

Sample Name: K4436-12 Acquired: 08/22/2019 18:17:34 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MWP2-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0028523	-.003330	.2143406
Stddev	.0008691	.001765	.0014584
%RSD	30.47167	52.98887	.6804151

#1	.0033791	-.001961	.2128858
#2	.0018491	-.005322	.2158025
#3	.0033287	-.002708	.2143337

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1490.370	2426.762	31326.30	5382.333	2598.030
Stddev	3.497	2.958	224.62	22.574	5.041
%RSD	.2346613	.1219006	.7170252	.4194080	.1940288

#1	1489.911	2429.545	31420.08	5358.028	2601.602
#2	1494.075	2423.656	31488.82	5386.327	2592.264
#3	1487.125	2427.086	31069.98	5402.643	2600.225

Sample Name: K4436-13 Acquired: 08/22/2019 18:21:24 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MWP2-062-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000397	.0021378	.0003301	-.000730	-.000912	.0024485	.0005489
Stddev	.002122	.0011209	.0009360	.002400	.001535	.0076054	.0006687
%RSD	534.0622	52.43338	283.5682	328.7442	168.3066	310.6150	121.8236

#1	.000812	.0034315	-.000416	-.002887	.000860	-.004855	.0000808
#2	-.002847	.0015261	.000026	-.001159	-.001756	.010324	.0002511
#3	.000844	.0014558	.001380	.001856	-.001840	.001876	.0013148

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	.0000447	.0217307	.0001387	-.000618	-.005775	-.016746
Stddev	.000030	.0000420	.0077322	.0002834	.000154	.001962	.008036
%RSD	345.1240	94.04136	35.58194	204.3514	24.87194	33.98267	47.98878

#1	-.000022	.0000092	.0232021	.0002894	-.000597	-.003542	-.009164
#2	.000025	.0000911	.0133685	-.000188	-.000781	-.007224	-.025170
#3	-.000030	.0000337	.0286215	.000315	-.000476	-.006559	-.015904

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003524	-.009976	.0004204	.0001042	.4882327	.0011905	.0203807
Stddev	.0004127	.020606	.0003014	.0002934	.2563893	.0044080	.0004661
%RSD	117.1116	206.5509	71.69623	281.4581	52.51375	370.2709	2.287089

#1	.0000123	-.029544	.0005966	.0001719	.2045650	-.000329	.0198427
#2	.0002334	-.011914	.0000724	.0003578	.7034489	-.002257	.0206654
#3	.0008115	.011530	.0005921	-.000217	.5566843	.006157	.0206338

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.682041	.0005038	-.004311	-.000173	-.005438	.0014496	-.005941
Stddev	.046793	.0005826	.000248	.000391	.004764	.0010483	.001634
%RSD	6.860673	115.6462	5.746373	225.4144	87.59486	72.31792	27.49742

#1	-.672195	.0011760	-.004489	-.000439	-.004503	.0007663	-.007803
#2	-.732974	.0001895	-.004028	.000275	-.010601	.0009260	-.004748
#3	-.640956	.0001458	-.004416	-.000356	-.001212	.0026566	-.005272

Sample Name: K4436-13 Acquired: 08/22/2019 18:21:24 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MWP2-062-3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008601	-.004274	.0000626
Stddev	.0012725	.000806	.0000321
%RSD	147.9400	18.85053	51.25731

#1	-.000609	-.003673	.0000501
#2	.001592	-.003959	.0000386
#3	.001597	-.005190	.0000990

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1493.083	2369.262	30890.30	4996.197	2423.731
Stddev	13.660	3.893	158.05	369.367	4.698
%RSD	.9149033	.1643281	.5116534	7.392971	.1938488

#1	1508.834	2365.615	31060.32	5219.955	2418.338
#2	1485.935	2368.808	30747.85	5198.772	2425.924
#3	1484.480	2373.362	30862.74	4569.863	2426.933

Sample Name: CCV10 Acquired: 08/22/2019 18:25:18 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	4.936067	4.778216	4.797344	4.887301	4.980842	9.608337	10.01300
Stddev	.011764	.013250	.013496	.011177	.005046	.084446	.05254
%RSD	.2383175	.2772919	.2813228	.2287036	.1013035	.8788787	.5246856

#1	4.940308	4.791423	4.800666	4.899354	4.986260	9.514497	9.95242
#2	4.922771	4.778299	4.782497	4.877278	4.979987	9.632311	10.04051
#3	4.945121	4.764925	4.808869	4.885271	4.976278	9.678204	10.04606

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2406428	2.383302	24.08456	.9887627	2.399691	1.209430	4.876796
Stddev	.0004119	.001653	.12051	.0042040	.001919	.008372	.040240
%RSD	.1711507	.0693628	.5003630	.4251765	.0799715	.6922354	.8251290

#1	.2411094	2.383385	23.94798	.9853361	2.401656	1.203167	4.831496
#2	.2403300	2.381609	24.17590	.9934538	2.397822	1.206184	4.890492
#3	.2404889	2.384912	24.12981	.9874982	2.399596	1.218939	4.908400

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.429022	23.93768	2.457947	1.220492	24.37957	2.438777	2.417665
Stddev	.013299	.24841	.002664	.000824	.11841	.017470	.005212
%RSD	.5474898	1.037723	.1083701	.0675035	.4856811	.7163377	.2155644

#1	2.414196	23.65606	2.455478	1.220070	24.42370	2.418684	2.422072
#2	2.432975	24.03137	2.457592	1.221442	24.46958	2.447276	2.411913
#3	2.439897	24.12562	2.460770	1.219965	24.24544	2.450372	2.419009

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.06335	5.190739	4.738899	4.910748	4.839254	4.748202	4.867133
Stddev	.33341	.020817	.015275	.006262	.013016	.007275	.012180
%RSD	1.385538	.4010355	.3223244	.1275228	.2689645	.1532198	.2502418

#1	23.69727	5.214115	4.756228	4.917977	4.852696	4.750192	4.878096
#2	24.14319	5.183901	4.727390	4.906992	4.826710	4.740139	4.854022
#3	24.34959	5.174202	4.733080	4.907274	4.838356	4.754275	4.869281

Sample Name: CCV10 Acquired: 08/22/2019 18:25:18 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.760286	4.862666	4.784364
Stddev	.030374	.019754	.052176
%RSD	.6380782	.4062289	1.090545

#1	4.726849	4.839878	4.726533
#2	4.767834	4.873212	4.827908
#3	4.786175	4.874909	4.798650

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1380.791	2230.539	29436.86	4964.877	2439.412
Stddev	4.622	9.336	37.48	9.447	9.751
%RSD	.3347704	.4185359	.1273227	.1902850	.3997344

#1	1384.030	2219.887	29480.05	4955.958	2428.467
#2	1382.846	2237.296	29417.70	4974.777	2447.173
#3	1375.498	2234.434	29412.84	4963.897	2442.595

Sample Name: CCB10 Acquired: 08/22/2019 18:28:57 Type: Unk
 Method: NON EPA-6010-200.7(v146) 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	-.000101	.0003680	.0004692	.0004002	.0007671	-.003650
Stddev	.002074	.0013097	.0009946	.0022869	.0006897	.015676
%RSD	2047.573	355.8683	211.9555	571.4883	89.90786	429.4955

#1	.001299	-.000988	.0012309	-.001890	-.000023	.013707
#2	-.002484	.001626	.0008328	.000406	.001074	-.007879
#3	.000881	.000467	-.000656	.002684	.001251	-.016778

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010991	-.000022	.0000548	-.001741	-.000257	-.000117
Stddev	.0002023	.000036	.0000496	.002275	.000391	.000199
%RSD	18.40158	163.3613	90.48124	130.6228	152.4466	169.7294

#1	.0011413	-.000021	-.000002	-.004344	.000192	.000015
#2	.0008791	-.000059	.000087	-.000749	-.000529	-.000020
#3	.0012770	.000014	.000080	-.000132	-.000433	-.000346

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001899	-.002272	-.000294	-.010133	.0003360	-.000037
Stddev	.001348	.001799	.000430	.014076	.0003687	.000199
%RSD	70.97904	79.18989	146.5760	138.9177	109.7315	542.4060

#1	-.000776	-.003514	-.000060	-.011797	.0002155	.000189
#2	-.003394	-.003093	-.000790	.004701	.0000426	-.000114
#3	-.001528	-.000209	-.000031	-.023303	.0007499	-.000186

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1412818	.0004466	.0002198	-.017715	-.000011	.0053392
Stddev	.2865597	.0035352	.0002721	.085291	.000518	.0010620
%RSD	202.8285	791.5665	123.7648	481.4639	4842.129	19.89054

#1	-.124337	.0041571	.0001759	-.095132	-.000377	.0055015
#2	.103207	.0000650	-.000028	.073714	.000582	.0063107
#3	.444975	-.002882	.000511	-.031726	-.000237	.0042054

Sample Name: CCB10 Acquired: 08/22/2019 18:28:57 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0002249	F -.012143	.0034134	-.002334	.0001918	.0028963
Stddev	.0004843	.005356	.0011982	.000835	.0002792	.0010332
%RSD	215.3686	44.10333	35.10352	35.79310	145.5373	35.67300

#1	.0007743	-.006152	.0044949	-.001377	.0004876	.0026164
#2	.0000408	-.013813	.0036200	-.002711	.0001550	.0040405
#3	-.000140	-.016466	.0021253	-.002914	-.000067	.0020318

Elem	Sr4077
Units	ppm
Avg	.0001811
Stddev	.0001928
%RSD	106.4481

#1	.0003092
#2	.0002747
#3	-.000041

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1408.239	2250.490	29459.94	4990.844	2377.834
Stddev	11.889	4.742	194.99	25.970	4.956
%RSD	.8442234	.2107111	.6618945	.5203462	.2084224

#1	1419.833	2246.051	29589.62	4986.153	2373.734
#2	1408.808	2249.932	29554.51	5018.839	2376.426
#3	1396.076	2255.486	29235.70	4967.539	2383.341

Sample Name: K4436-14 Acquired: 08/22/2019 18:32:50 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW8D-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049163	.0034816	.0127732	-.001225	-.001444	.0269304	.0553531
Stddev	.0028806	.0033022	.0009372	.001169	.000434	.0068180	.0004105
%RSD	58.59359	94.84595	7.336914	95.39556	30.07351	25.31712	.7415756

#1	.0024482	.0006455	.0118193	-.002414	-.001888	.0344881	.0554624
#2	.0080815	.0026925	.0136926	-.001186	-.001020	.0212422	.0548991
#3	.0042193	.0071068	.0128078	-.000077	-.001425	.0250609	.0556979

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000584	.0000244	55.60015	.0002758	-.001547	-.006849	1.847136
Stddev	.0000084	.0000939	.32837	.0000998	.000409	.001664	.002766
%RSD	14.44127	384.2876	.5905989	36.19528	26.44437	24.29107	.1497572

#1	.0000659	.0000590	55.22570	.0002575	-.001150	-.007528	1.844402
#2	.0000492	-.000082	55.73567	.0001864	-.001968	-.004953	1.849933
#3	.0000602	.000096	55.83907	.0003835	-.001523	-.008067	1.847074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0523273	40.07482	.0003619	.0001262	51.33736	.0001246	.0100870
Stddev	.0008059	.37802	.0005728	.0001589	.52704	.0028016	.0002462
%RSD	1.540137	.9432979	158.2666	125.8912	1.026619	2248.252	2.440829

#1	.0514038	39.71482	.0010224	.0001862	50.95445	.0033306	.0101532
#2	.0528878	40.46860	.0000628	.0002464	51.93845	-.001853	.0098145
#3	.0526905	40.04105	.0000006	-.000054	51.11918	-.001104	.0102934

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4720249	.0059460	.4417417	.0013824	9.600251	9.052733	-.008317
Stddev	.0478796	.0019182	.0026974	.0004110	.041617	.047694	.000460
%RSD	10.14344	32.25998	.6106224	29.73413	.4335004	.5268471	5.528647

#1	.4375555	.0080985	.4416255	.0015103	9.588549	9.055127	-.007901
#2	.4518250	.0044173	.4444953	.0017143	9.565738	9.099185	-.008240
#3	.5266942	.0053223	.4391043	.0009226	9.646466	9.003887	-.008811

Sample Name: K4436-14 Acquired: 08/22/2019 18:32:50 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW8D-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001034	.0031854	1.785223
Stddev	.000375	.0004065	.011851
%RSD	36.23391	12.76282	.6638206

#1	-.000620	.0027160	1.772679
#2	-.001349	.0034250	1.796229
#3	-.001132	.0034153	1.786762

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1488.001	2398.937	31245.95	5284.255	2558.614
Stddev	1.020	7.092	56.81	18.939	2.687
%RSD	.0685636	.2956134	.1818084	.3584059	.1050179

#1	1488.833	2406.922	31245.54	5284.176	2560.363
#2	1488.308	2396.515	31189.36	5265.356	2555.520
#3	1486.863	2393.373	31302.97	5303.234	2559.959

Sample Name: K4436-15 Acquired: 08/22/2019 18:36:40 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW8D-062-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040450	.0024486	.0136822	-.000255	.0006567	.0318876	.0606732
Stddev	.0012310	.0013716	.0013981	.001449	.0005306	.0136593	.0003009
%RSD	30.43230	56.01578	10.21827	569.3374	80.79702	42.83584	.4959388

#1	.0032164	.0023140	.0122312	-.001846	.0012590	.0217447	.0603638
#2	.0054595	.0011493	.0137949	.000091	.0002579	.0474193	.0609649
#3	.0034590	.0038826	.0150206	.000991	.0004533	.0264987	.0606910

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000625	.0001561	61.28742	.0001569	-.001581	-.001111	2.025356
Stddev	.0000306	.0001002	.42414	.0004623	.000275	.000377	.028765
%RSD	48.99578	64.18460	.6920546	294.6606	17.42019	33.92701	1.420237

#1	.0000978	.0000722	60.79767	-.000362	-.001816	-.000874	1.993459
#2	.0000457	.0001290	61.53033	.000526	-.001278	-.000914	2.033281
#3	.0000439	.0002670	61.53426	.000307	-.001650	-.001546	2.049327

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0570152	43.80712	.0005180	.0001510	56.81978	.0003415	.0219516
Stddev	.0004966	.33590	.0000573	.0003734	.50530	.0027936	.0002261
%RSD	.8710182	.7667753	11.05829	247.2313	.8893042	817.9115	1.029980

#1	.0570530	43.43580	.0004519	-.000082	56.24984	-.002823	.0221532
#2	.0565007	44.08984	.0005534	-.000047	57.21296	.001380	.0217071
#3	.0574918	43.89572	.0005486	.000582	56.99652	.002467	.0219944

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5514204	.0105641	.4832300	.0016450	10.64892	9.870117	-.006310
Stddev	.0528595	.0016314	.0019044	.0006546	.03505	.033153	.002298
%RSD	9.586070	15.44289	.3940958	39.79511	.3291153	.3358905	36.41234

#1	.5693295	.0089719	.4827273	.0023274	10.68847	9.866235	-.003734
#2	.5929988	.0104884	.4816274	.0015855	10.63654	9.839077	-.007049
#3	.4919328	.0122321	.4853353	.0010221	10.62174	9.905040	-.008147

Sample Name: K4436-15 Acquired: 08/22/2019 18:36:40 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW8D-062-2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001033	.0040336	1.959967
Stddev	.000768	.0001887	.021370
%RSD	74.32995	4.678617	1.090333

#1	-.000653	.0038430	1.936311
#2	-.001916	.0042204	1.977876
#3	-.000529	.0040376	1.965715

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1472.661	2380.386	31053.26	5316.988	2532.055
Stddev	8.920	3.508	204.79	16.509	4.296
%RSD	.6057120	.1473789	.6594751	.3104947	.1696531

#1	1473.834	2383.445	31214.78	5334.782	2534.199
#2	1463.213	2381.156	30822.93	5314.015	2527.110
#3	1480.937	2376.557	31122.08	5302.168	2534.857

Sample Name: K4436-16 Acquired: 08/22/2019 18:40:29 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW8M-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036879	.0021223	.0183807	.0007838	-.001016	.0541729	.4943414
Stddev	.0011798	.0020147	.0011405	.0023973	.001132	.0050581	.0018439
%RSD	31.99079	94.92869	6.204700	305.8750	111.3594	9.336901	.3729987

#1	.0043999	.0023365	.0181642	.0035140	-.000078	.0514787	.4936494
#2	.0043378	.0040212	.0173640	-.000977	-.002273	.0600078	.4964311
#3	.0023261	.0000091	.0196139	-.000186	-.000697	.0510324	.4929436

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001083	-.000037	116.1682	.0005954	-.001824	-.003355	2.382383
Stddev	.0000456	.000041	.5562	.0000885	.000053	.001595	.012090
%RSD	42.14537	110.5953	.4787979	14.86711	2.907057	47.52797	.5074606

#1	.0000923	-.000061	116.1882	.0006964	-.001858	-.005153	2.385531
#2	.0000728	.000010	116.7142	.0005311	-.001763	-.002112	2.392587
#3	.0001598	-.000059	115.6023	.0005588	-.001852	-.002800	2.369031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1638011	63.55865	-.000087	.0004420	53.60279	.0015702	.0090582
Stddev	.0017694	.36349	.000053	.0005065	.49483	.0027460	.0001567
%RSD	1.080222	.5718982	60.91945	114.5959	.9231455	174.8795	1.729412

#1	.1619081	63.49773	-.000145	.0008958	53.13963	.0045606	.0090747
#2	.1654134	63.94875	-.000043	.0005347	54.12414	.0009881	.0092059
#3	.1640818	63.22946	-.000071	-.000104	53.54459	-.000838	.0088939

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.783949	.0176427	.2550053	.0005749	10.78200	14.83482	-.009584
Stddev	.045002	.0028285	.0031728	.0004044	.03193	.14365	.000740
%RSD	2.522606	16.03197	1.244216	70.33883	.2961806	.9683622	7.720349

#1	1.810286	.0196421	.2579529	.0004527	10.78428	14.93237	-.010278
#2	1.809575	.0144065	.2554159	.0010263	10.81274	14.90223	-.008806
#3	1.731987	.0188796	.2516472	.0002457	10.74899	14.66986	-.009669

Sample Name: K4436-16 Acquired: 08/22/2019 18:40:29 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW8M-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002221	.0107599	1.153911
Stddev	.001200	.0001588	.013383
%RSD	54.01475	1.476155	1.159788

#1	-.002875	.0107092	1.153584
#2	-.000837	.0109379	1.167455
#3	-.002953	.0106325	1.140695

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1459.551	2347.006	30670.05	5199.953	2503.035
Stddev	3.643	6.221	118.85	41.743	1.174
%RSD	.2495666	.2650701	.3875099	.8027575	.0468836

#1	1455.891	2352.274	30783.30	5179.338	2502.149
#2	1459.588	2348.601	30546.30	5172.529	2504.366
#3	1463.176	2340.143	30680.54	5247.994	2502.590

Sample Name: K4087-03 Acquired: 08/22/2019 18:44:20 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	-.000828	-.006146	.0003753	.0092378	.0039875	.0458594	.0984413
Stddev	.001554	.000840	.0001979	.0008553	.0024169	.0043716	.0013734
%RSD	187.6002	13.66585	52.72602	9.258940	60.61276	9.532506	1.395141

#1	-.001988	-.006918	.0003731	.0094877	.0023876	.0465952	.0968562
#2	-.001434	-.005251	.0005742	.0082853	.0067678	.0498163	.0991925
#3	.000937	-.006270	.0001785	.0099403	.0028071	.0411666	.0992753

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000093	-.000246	5.687198	.0007187	-.001251	-.000044	.0229185
Stddev	.000025	.000103	.072715	.0005876	.000419	.002424	.0086023
%RSD	26.65407	41.98263	1.278577	81.74999	33.52316	5469.644	37.53448

#1	-.000117	-.000236	5.614267	.0010409	-.001460	.000563	.0274127
#2	-.000067	-.000149	5.687632	.0000406	-.000768	-.002714	.0283428
#3	-.000096	-.000355	5.759695	.0010747	-.001525	.002018	.0129999

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231383	1.275622	.0014187	-.000101	249.9461	.0012159	.0290051
Stddev	.0006245	.031050	.0003360	.000522	2.4973	.0031417	.0001545
%RSD	2.698989	2.434136	23.68352	516.0284	.9991502	258.3878	.5325626

#1	.0229322	1.241463	.0014056	.000220	247.0778	.0047817	.0291619
#2	.0238397	1.302134	.0017611	.000180	251.1228	-.001145	.0290004
#3	.0226428	1.283270	.0010895	-.000704	251.6378	.000011	.0288530

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.239929	.0026521	.0111129	.0008683	.1822253	.4435516	-.000498
Stddev	.068078	.0007463	.0011203	.0003383	.0005925	.0048286	.000936
%RSD	28.37431	28.14070	10.08069	38.96257	.3251438	1.088620	187.8419

#1	-.302648	.0035049	.0122868	.0010859	.1823065	.4393718	.000477
#2	-.249610	.0021185	.0100553	.0004785	.1827730	.4488372	-.000583
#3	-.167528	.0023328	.0109967	.0010405	.1815964	.4424458	-.001389

Sample Name: K4087-03 Acquired: 08/22/2019 18:44:20 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019176	.0006321	.0214399
Stddev	.0004005	.0008098	.0002699
%RSD	20.88268	128.1128	1.258894

#1	.0018349	.0002391	.0211461
#2	.0015651	.0000938	.0216769
#3	.0023530	.0015634	.0214967

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1363.004	2211.573	29107.60	4952.616	2434.678
Stddev	18.338	5.709	273.80	29.529	5.924
%RSD	1.345443	.2581324	.9406514	.5962228	.2433024

#1	1344.921	2206.347	28830.06	4940.548	2427.943
#2	1381.588	2210.707	29377.50	4931.032	2437.011
#3	1362.502	2217.666	29115.25	4986.267	2439.080

Sample Name: K4087-03DUP Acquired: 08/22/2019 18:48:12 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HD-02-082119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001376	-.009989	.0002100	.0096770	.0022094	.0682201	.0945996
Stddev	.003418	.001889	.0004422	.0017460	.0014337	.0132712	.0029282
%RSD	248.4615	18.90592	210.6058	18.04249	64.89236	19.45343	3.095355

#1	-.005321	-.011820	.0006947	.0085632	.0023702	.0552304	.0912387
#2	.000673	-.010099	-.000171	.0116893	.0007021	.0817559	.0966001
#3	.000522	-.008048	.000107	.0087786	.0035560	.0676740	.0959601

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000133	-.000247	5.462204	.0008232	-.001029	-.001124	.0249136
Stddev	.000076	.000115	.157161	.0003045	.000109	.002728	.0113084
%RSD	56.77117	46.36233	2.877248	36.99147	10.59088	242.7291	45.39059

#1	-.000054	-.000116	5.282082	.0010870	-.001109	.000509	.0122610
#2	-.000140	-.000328	5.571413	.0004900	-.000905	-.004273	.0340352
#3	-.000205	-.000299	5.533117	.0008926	-.001072	.000392	.0284446

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0229139	1.264558	.0011881	-.000102	239.2744	.0003297	.0284450
Stddev	.0008734	.053327	.0004712	.000104	8.1227	.0007535	.0004083
%RSD	3.811816	4.217028	39.66146	102.1768	3.394728	228.5413	1.435364

#1	.0225403	1.204527	.0017101	-.000222	230.0032	-.000531	.0280036
#2	.0239121	1.306445	.0010602	-.000040	245.1395	.000869	.0288091
#3	.0222895	1.282702	.0007940	-.000043	242.6806	.000651	.0285223

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.313289	.0046233	.0095162	.0007353	.1755507	.4297500	-.001570
Stddev	.077788	.0014567	.0007792	.0003259	.0015095	.0061579	.000459
%RSD	24.82950	31.50646	8.188599	44.32639	.8598727	1.432914	29.26228

#1	-.383273	.0036691	.0087287	.0004054	.1755476	.4226707	-.001219
#2	-.229536	.0039009	.0102869	.0007433	.1740427	.4338670	-.001402
#3	-.327058	.0063000	.0095330	.0010571	.1770617	.4327122	-.002090

Sample Name: K4087-03DUP Acquired: 08/22/2019 18:48:12 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HD-02-082119 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017601	-.000163	.0208481
Stddev	.0003496	.001121	.0007223
%RSD	19.86478	689.1534	3.464734

#1	.0014141	.000377	.0200202
#2	.0021132	.000587	.0213493
#3	.0017530	-.001452	.0211750

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1358.315	2215.489	28923.59	5009.414	2428.195
Stddev	4.669	1.284	184.89	79.909	3.015
%RSD	.3437655	.0579547	.6392229	1.595168	.1241485

#1	1356.126	2215.775	28796.54	5092.892	2429.718
#2	1355.142	2216.606	28838.54	4933.632	2430.144
#3	1363.677	2214.086	29135.70	5001.716	2424.722

Sample Name: K4087-03LX5 Acquired: 08/22/2019 18:52:05 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA8498 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002974	.0003459	.0002546	.0029701	.0007626	.0099288	.0195928
Stddev	.001502	.0009162	.0017856	.0027536	.0005551	.0107397	.0006520
%RSD	50.50178	264.8875	701.2597	92.71156	72.78937	108.1669	3.327651

#1	-.004686	.0013489	.0013676	.0000234	.0007918	.0160522	.0189934
#2	-.001876	.0001359	.0012012	.0054779	.0001935	.0162061	.0194981
#3	-.002360	-.000447	-.001805	.0034089	.0013025	-.002472	.0202870

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000039	-.000016	1.123887	-.000066	-.000284	-.000898	.0035211
Stddev	.000101	.000026	.009181	.000274	.000075	.001403	.0094420
%RSD	261.7448	157.0653	.8169246	412.5499	26.58388	156.2173	268.1525

#1	-.000154	-.000024	1.125748	-.000382	-.000221	-.002512	-.003088
#2	.000004	.000012	1.131995	.000109	-.000367	.000024	.014335
#3	.000035	-.000037	1.113918	.000074	-.000263	-.000206	-.000684

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049918	.2531303	.0001618	.0001592	49.66809	-.000130	.0054945
Stddev	.0001667	.0208998	.0002201	.0001631	.27032	.000757	.0005778
%RSD	3.338455	8.256555	136.0458	102.4857	.5442609	581.7435	10.51532

#1	.0048011	.2431830	.0003586	.0003410	49.97391	-.000953	.0049857
#2	.0051095	.2771458	.0002026	.0001108	49.56928	.000537	.0061226
#3	.0050648	.2390622	-.000076	.0000257	49.46107	.000026	.0053753

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.169727	.0010987	-.002201	.0001562	.0340204	.0894825	-.003258
Stddev	.032815	.0004019	.000520	.0001328	.0013324	.0010370	.000350
%RSD	19.33377	36.57727	23.63834	85.00490	3.916420	1.158837	10.73030

#1	-.163654	.0012083	-.002407	.0002820	.0350123	.0901253	-.003649
#2	-.140372	.0006534	-.002586	.0001690	.0345429	.0900359	-.003148
#3	-.205153	.0014344	-.001609	.0000175	.0325059	.0882862	-.002976

Sample Name: K4087-03LX5 Acquired: 08/22/2019 18:52:05 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA8498 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007716	.0008670	.0042924
Stddev	.0005368	.0007413	.0000838
%RSD	69.57465	85.50132	1.952738

#1	.0009129	.0014660	.0041961
#2	.0001782	.0010968	.0043489
#3	.0012235	.0000380	.0043321

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1399.503	2265.235	29506.12	5050.782	2442.841
Stddev	5.950	5.089	66.34	35.844	3.439
%RSD	.4251670	.2246406	.2248448	.7096659	.1407730

#1	1398.091	2259.736	29501.76	5015.971	2439.112
#2	1394.386	2269.777	29442.07	5048.798	2443.524
#3	1406.033	2266.193	29574.54	5087.576	2445.887

Sample Name: K4087-03MS Acquired: 08/22/2019 18:55:59 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HD-02-082119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7835658	2.170776	1.040694	1.838353	.8284345	2.094112	.3170138
Stddev	.0014125	.005164	.004199	.006330	.0018112	.023140	.0011583
%RSD	.1802622	.2378766	.4034469	.3443234	.2186318	1.105006	.3653707

#1	.7848734	2.176673	1.037917	1.845584	.8301106	2.072534	.3162731
#2	.7820678	2.167064	1.045524	1.835658	.8265132	2.091254	.3164198
#3	.7837564	2.168591	1.038641	1.833817	.8286800	2.118549	.3183486

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1902011	.2022965	6.897821	.4211870	.2062188	.3085628	3.260444
Stddev	.0009400	.0001213	.051255	.0020969	.0002612	.0056705	.013360
%RSD	.4942204	.0599834	.7430577	.4978495	.1266649	1.837728	.4097525

#1	.1912857	.2021569	6.839059	.4235030	.2063033	.3095626	3.247263
#2	.1896959	.2023766	6.933310	.4194176	.2059258	.3024589	3.260092
#3	.1896218	.2023559	6.921095	.4206404	.2064273	.3136670	3.273976

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2337481	3.362222	.5241284	.0774062	261.1880	.3174557	.2315487
Stddev	.0027608	.027906	.0015296	.0000644	1.4473	.0026431	.0009753
%RSD	1.181116	.8299914	.2918376	.0831371	.5541257	.8325891	.4212144

#1	.2311602	3.337168	.5223927	.0773397	259.5911	.3190275	.2309332
#2	.2334300	3.392298	.5247130	.0774682	261.5598	.3144042	.2326732
#3	.2366543	3.357199	.5252795	.0774107	262.4131	.3189354	.2310398

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.16617	6.248301	.2840310	.4037510	.1768211	1.368316	.7097644
Stddev	.06892	.019017	.0024615	.0008668	.0043363	.013194	.0018985
%RSD	.6779749	.3043533	.8666248	.2146867	2.452386	.9642250	.2674883

#1	10.09237	6.268883	.2867899	.4027536	.1718190	1.382413	.7094021
#2	10.17726	6.244638	.2832432	.4043223	.1791289	1.356264	.7118180
#3	10.22887	6.231383	.2820598	.4041770	.1795156	1.366272	.7080731

Sample Name: K4087-03MS Acquired: 08/22/2019 18:55:59 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HD-02-082119 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1971570	.1146230	.2300517
Stddev	.0014038	.0015160	.0019962
%RSD	.7120190	1.322600	.8677120

#1	.1962714	.1129496	.2295376
#2	.1964240	.1159047	.2283629
#3	.1987755	.1150147	.2322547

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1342.963	2199.445	28853.70	4933.484	2427.231
Stddev	2.655	4.401	93.90	36.876	6.595
%RSD	.1976973	.2001059	.3254299	.7474587	.2717091

#1	1345.772	2204.291	28746.17	4893.291	2434.477
#2	1342.623	2195.697	28919.51	4965.755	2421.580
#3	1340.494	2198.348	28895.43	4941.405	2425.636

Sample Name: K4087-03MSD Acquired: 08/22/2019 18:59:40 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HD-02-082119 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7876144	2.166911	1.035188	1.834886	.8355176	2.133423	.3209442
Stddev	.0018717	.003616	.003461	.002230	.0061142	.034867	.0035490
%RSD	.2376384	.1668699	.3343593	.1215194	.7317893	1.634309	1.105798
#1	.7858791	2.170552	1.031222	1.836383	.8354650	2.093211	.3175274
#2	.7895977	2.163321	1.036744	1.835953	.8294298	2.151815	.3206930
#3	.7873664	2.166859	1.037598	1.832324	.8416580	2.155242	.3246121
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1922750	.2007007	6.991612	.4247879	.2054159	.3114923	3.270963
Stddev	.0008739	.0001624	.076926	.0009302	.0004583	.0046251	.026197
%RSD	.4544937	.0808968	1.100257	.2189691	.2231021	1.484829	.8009073
#1	.1923068	.2007387	6.914020	.4240915	.2058564	.3070560	3.250124
#2	.1913857	.2008406	6.992962	.4258442	.2054495	.3111353	3.262392
#3	.1931326	.2005227	7.067854	.4244280	.2049417	.3162855	3.300372
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2338277	3.401171	.5253781	.0764821	266.9643	.3184469	.2316494
Stddev	.0027609	.054326	.0004884	.0002383	2.5987	.0036921	.0005324
%RSD	1.180718	1.597260	.0929610	.3115418	.9734189	1.159406	.2298212
#1	.2307413	3.343706	.5258080	.0762744	263.9724	.3144802	.2310617
#2	.2346794	3.408118	.5254791	.0767422	268.2623	.3190775	.2320993
#3	.2360623	3.451689	.5248470	.0764297	268.6584	.3217831	.2317873
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.42108	6.232182	.2840736	.4075108	.1780454	1.391466	.7124387
Stddev	.17185	.000768	.0023123	.0022012	.0035342	.001750	.0022288
%RSD	1.649035	.0123213	.8139973	.5401497	1.985016	.1257904	.3128367
#1	10.32771	6.232335	.2857164	.4058857	.1808785	1.391583	.7103153
#2	10.31613	6.231350	.2814293	.4066310	.1791727	1.389660	.7122412
#3	10.61940	6.232863	.2850750	.4100159	.1740851	1.393155	.7147597

Sample Name: K4087-03MSD Acquired: 08/22/2019 18:59:40 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HD-02-082119 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1968437	.1163285	.2332232
Stddev	.0013686	.0017708	.0020163
%RSD	.6952507	1.522251	.8645466

#1	.1956765	.1148582	.2313027
#2	.1965046	.1158329	.2330436
#3	.1983499	.1182943	.2353233

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1341.947	2182.197	28852.83	4884.149	2425.731
Stddev	5.899	2.201	128.14	14.287	4.817
%RSD	.4395993	.1008603	.4441202	.2925080	.1985721

#1	1346.622	2181.973	28800.14	4879.079	2421.454
#2	1335.319	2184.502	28759.44	4900.279	2424.791
#3	1343.900	2180.117	28998.92	4873.090	2430.949

Sample Name: K4087-03A Acquired: 08/22/2019 19:03:22 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB8498 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7971046	2.165792	1.040565	1.837836	.8354542	2.105401	.3170286
Stddev	.0051967	.011545	.001601	.007338	.0040133	.042415	.0021285
%RSD	.6519521	.5330470	.1538620	.3992873	.4803692	2.014578	.6714007

#1	.8014585	2.164154	1.042403	1.840206	.8322864	2.057076	.3148850
#2	.7985037	2.155153	1.039475	1.829605	.8399673	2.122664	.3170592
#3	.7913515	2.178068	1.039817	1.843695	.8341091	2.136462	.3191417

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1905001	.2007318	6.890906	.4260482	.2058714	.3095121	3.234577
Stddev	.0007295	.0005980	.071959	.0012382	.0004697	.0059013	.056785
%RSD	.3829196	.2979198	1.044256	.2906328	.2281693	1.906639	1.755560

#1	.1901748	.2006749	6.838300	.4247040	.2060664	.3039682	3.182027
#2	.1899898	.2001643	6.861508	.4262984	.2053356	.3088529	3.226891
#3	.1913356	.2013563	6.972909	.4271423	.2062123	.3157154	3.294814

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2323484	3.384332	.5257183	.0768410	262.6991	.3152040	.2318650
Stddev	.0033415	.087370	.0017511	.0005083	2.2769	.0059359	.0002193
%RSD	1.438156	2.581610	.3330897	.6614633	.8667245	1.883198	.0945870

#1	.2290299	3.299229	.5238002	.0763405	260.2053	.3085125	.2318070
#2	.2323027	3.379960	.5261231	.0773567	263.2249	.3172642	.2316806
#3	.2357125	3.473806	.5272315	.0768256	264.6671	.3198353	.2321075

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.17264	6.248747	.2824711	.4066213	.1762213	1.383334	.7108646
Stddev	.12323	.035460	.0018365	.0012675	.0031819	.008437	.0031665
%RSD	1.211406	.5674760	.6501670	.3117160	1.805618	.6098840	.4454413

#1	10.04415	6.239322	.2814542	.4052689	.1797888	1.378240	.7105470
#2	10.18393	6.218951	.2813679	.4077820	.1751981	1.378689	.7078688
#3	10.28983	6.287967	.2845911	.4068130	.1736768	1.393072	.7141779

Sample Name: K4087-03A Acquired: 08/22/2019 19:03:22 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB8498 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1954732	.1147105	.2278921
Stddev	.0025282	.0016928	.0027318
%RSD	1.293352	1.475688	1.198736

#1	.1931197	.1127583	.2252402
#2	.1951542	.1157702	.2277389
#3	.1981457	.1156032	.2306974

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1347.758	2200.754	28941.27	4953.017	2441.123
Stddev	12.037	4.657	211.25	15.303	2.444
%RSD	.8930878	.2116231	.7299107	.3089535	.1000991

#1	1337.617	2197.032	28870.65	4941.476	2438.521
#2	1344.597	2199.252	28774.38	4947.200	2441.479
#3	1361.059	2205.977	29178.78	4970.375	2443.369

Sample Name: K4089-05 Acquired: 08/22/2019 19:07:05 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: OK-01-082119 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001447	-.009685	.0012602	.0136912	.0023281	.0985624	.0828404
Stddev	.001972	.001455	.0023849	.0010237	.0020106	.0050661	.0007214
%RSD	136.3294	15.02678	189.2468	7.476926	86.36415	5.140020	.8708834

#1	-.001643	-.010446	.0039886	.0144891	.0044602	.1025303	.0820076
#2	-.003313	-.008007	-.000428	.0140475	.0004663	.1003010	.0832416
#3	.000616	-.010602	.000220	.0125370	.0020578	.0928559	.0832722

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000335	-.000307	18.05183	.0007409	.0008637	.0031503	.1081549
Stddev	.000048	.000023	.24176	.0001217	.0001029	.0017540	.0007538
%RSD	14.30803	7.589257	1.339230	16.42164	11.90736	55.67682	.6969470

#1	-.000369	-.000328	17.78317	.0008547	.0009252	.0011790	.1076602
#2	-.000357	-.000282	18.12053	.0007553	.0007450	.0037333	.1077820
#3	-.000280	-.000312	18.25181	.0006126	.0009210	.0045385	.1090225

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3988462	.7320714	.0035549	-.000465	315.8995	-.001263	.0345342
Stddev	.0044098	.0150499	.0005678	.000523	4.1959	.002389	.0003411
%RSD	1.105632	2.055796	15.97176	112.3461	1.328228	189.2363	.9876858

#1	.3939487	.7147448	.0029161	-.000023	311.3296	-.000495	.0343544
#2	.4000878	.7418928	.0037468	-.000331	316.7907	.000649	.0349275
#3	.4025020	.7395767	.0040019	-.001043	319.5781	-.003941	.0343205

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3320254	.0082033	.0112878	.0012477	.1938451	.3088771	-.000079
Stddev	.0296306	.0015478	.0007268	.0000763	.0042338	.0024468	.000834
%RSD	8.924187	18.86848	6.438998	6.115611	2.184135	.7921578	1054.448

#1	.3650086	.0068447	.0105930	.0011713	.1973595	.3061330	.000884
#2	.3234111	.0078769	.0120429	.0012478	.1891448	.3096668	-.000580
#3	.3076565	.0098883	.0112277	.0013239	.1950310	.3108316	-.000541

Sample Name: K4089-05 Acquired: 08/22/2019 19:07:05 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-01-082119 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008672	.0018842	.0255911
Stddev	.0006523	.0003518	.0003192
%RSD	75.21534	18.66923	1.247271

#1	.0001437	.0018104	.0252506
#2	.0010479	.0015752	.0256391
#3	.0014102	.0022671	.0258835

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1349.501	2185.012	28688.25	4942.244	2415.728
Stddev	1.638	8.050	76.71	11.328	1.378
%RSD	.1213714	.3684346	.2673954	.2292014	.0570266

#1	1351.142	2175.881	28704.06	4955.324	2414.338
#2	1349.495	2191.084	28604.87	4935.809	2415.753
#3	1347.866	2188.072	28755.82	4935.600	2417.093

Sample Name: CCV11 Acquired: 08/22/2019 19:10:57 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	4.954478	4.846671	4.854659	4.938177	4.947489	9.576180	9.944125
Stddev	.015023	.010256	.016317	.012886	.014588	.075580	.093039
%RSD	.3032212	.2115988	.3361111	.2609422	.2948599	.7892531	.9356188

#1	4.937575	4.841426	4.837028	4.939394	4.931257	9.502930	9.845527
#2	4.959553	4.840098	4.857721	4.950412	4.959505	9.653893	10.03037
#3	4.966306	4.858488	4.869229	4.924727	4.951703	9.571715	9.95648

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2405124	2.427142	24.22840	.9887743	2.429784	1.206634	4.879504
Stddev	.0023305	.000544	.34039	.0015532	.002676	.013145	.050052
%RSD	.9689750	.0224077	1.404903	.1570824	.1101244	1.089366	1.025752

#1	.2394501	2.426554	23.83957	.9879039	2.426809	1.193102	4.832685
#2	.2431848	2.427627	24.47252	.9878515	2.431993	1.219353	4.932258
#3	.2389024	2.427245	24.37312	.9905675	2.430551	1.207446	4.873568

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.446504	24.11552	2.458074	1.244751	24.35400	2.416574	2.438855
Stddev	.022591	.27710	.005464	.006001	.30569	.030549	.007032
%RSD	.9233857	1.149064	.2223055	.4821093	1.255207	1.264145	.2883429

#1	2.420863	23.80654	2.451765	1.250931	24.03485	2.384474	2.434460
#2	2.463479	24.34203	2.461318	1.238947	24.64418	2.445290	2.446966
#3	2.455169	24.19798	2.461138	1.244375	24.38298	2.419958	2.435139

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.88350	5.216275	4.777068	4.911157	4.921877	4.724609	4.910044
Stddev	.22091	.005604	.054134	.007042	.004585	.053610	.009395
%RSD	.9249286	.1074395	1.133199	.1433790	.0931600	1.134692	.1913352

#1	23.63850	5.222462	4.770106	4.903046	4.923959	4.696470	4.899233
#2	24.06747	5.214826	4.834346	4.914717	4.925053	4.786430	4.916222
#3	23.94454	5.211538	4.726752	4.915707	4.916621	4.690928	4.914678

Sample Name: CCV11 Acquired: 08/22/2019 19:10:57 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.788582	4.866388	4.671327
Stddev	.053456	.046688	.030980
%RSD	1.116325	.9593988	.6632033

#1	4.735348	4.812509	4.635840
#2	4.842258	4.894941	4.685160
#3	4.788139	4.891713	4.692981

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1414.120	2282.914	29815.67	5085.785	2484.123
Stddev	8.607	3.334	173.22	23.039	4.277
%RSD	.6086724	.1460431	.5809784	.4529982	.1721576

#1	1413.170	2286.755	29706.54	5092.611	2488.913
#2	1423.164	2280.768	30015.40	5060.105	2480.688
#3	1406.028	2281.219	29725.07	5104.639	2482.768

Sample Name: CCB11 Acquired: 08/22/2019 19:14:36 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0002680	.0046658	.0009719	.0013940	.0004784	-.006353
Stddev	.0026858	.0021074	.0024940	.0036425	.0014025	.007476
%RSD	1002.023	45.16578	256.6019	261.2983	293.1646	117.6721

#1	-.002674	.0032075	.0037833	.0024737	-.001054	-.005963
#2	.000889	.0070820	.0001064	.0043746	.000792	.000920
#3	.002589	.0037080	-.000974	-.002666	.001697	-.014017

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006989	.0000582	.0000470	.0036831	-.000033	.0000501
Stddev	.0004809	.0000143	.0001267	.0142556	.000595	.0001521
%RSD	68.81031	24.63008	269.3878	387.0534	1786.226	303.6101

#1	.0011675	.0000745	.0001116	.0201198	.000409	.0002224
#2	.0002066	.0000478	.0001284	-.003763	.000201	-.000066
#3	.0007226	.0000522	-.000099	-.005308	-.000710	-.000006

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003260	.0037341	.0003651	-.024819	.0001453	.0002923
Stddev	.000587	.0051103	.0002809	.012130	.0002073	.0003516
%RSD	18.01387	136.8568	76.94619	48.87330	142.6648	120.2997

#1	-.002591	.0023155	.0002355	-.011422	.0002987	.0004910
#2	-.003692	-.000517	.0006874	-.035057	-.000091	-.000114
#3	-.003498	.009404	.0001723	-.027979	.000228	.000500

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132074	-.002853	-.000213	-.099922	-.000653	.0045049
Stddev	.0954445	.000963	.000329	.075818	.002115	.0002204
%RSD	722.6593	33.74177	154.6300	75.87717	324.0003	4.892720

#1	-.076298	-.001742	-.000545	-.169017	-.002661	.0043445
#2	.002271	-.003422	.000113	-.018815	.001554	.0044140
#3	.113649	-.003397	-.000207	-.111935	-.000852	.0047563

Sample Name: CCB11 Acquired: 08/22/2019 19:14:36 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0004518	F -.011202	.0010925	-.002371	.0006687	.0014171
Stddev	.0001896	.001874	.0003266	.000679	.0016914	.0014060
%RSD	41.96405	16.72608	29.89360	28.63974	252.9505	99.21256

#1	.0004234	-.009041	.0008896	-.002743	-.001151	.0002854
#2	.0002780	-.012187	.0014692	-.001587	.002193	.0029910
#3	.0006540	-.012378	.0009186	-.002782	.000964	.0009749

Elem	Sr4077
Units	ppm
Avg	.0002906
Stddev	.0001743
%RSD	59.99416

#1	.0004915
#2	.0002010
#3	.0001793

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1420.416	2283.886	29888.77	5083.874	2410.486
Stddev	12.324	8.665	190.66	42.448	10.612
%RSD	.8676253	.3794185	.6379064	.8349611	.4402464

#1	1412.305	2280.669	29835.79	5121.488	2404.993
#2	1414.346	2293.699	29730.20	5037.850	2422.719
#3	1434.598	2277.288	30100.32	5092.285	2403.747

Sample Name: K4319-11 Acquired: 08/22/2019 19:18:29 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Soil-Pile Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001742	-.013628	.0045653	.0126862	.0024202	.0344726	.2600164
Stddev	.001936	.003033	.0006060	.0016181	.0004652	.0060269	.0033605
%RSD	111.1247	22.25300	13.27391	12.75466	19.21930	17.48332	1.292431

#1	-.000970	-.016273	.0052629	.0144808	.0018927	.0412780	.2569174
#2	-.000311	-.010318	.0041687	.0122395	.0027714	.0323302	.2595435
#3	-.003945	-.014293	.0042643	.0113384	.0025966	.0298095	.2635883

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000403	.0009324	7.702520	.0004406	-.001324	.0014015	-.001851
Stddev	.000030	.0001248	.116185	.0002594	.000265	.0017928	.005127
%RSD	7.531091	13.38080	1.508409	58.86864	20.03477	127.9216	276.9574

#1	-.000376	.0010726	7.574090	.0003796	-.001081	.0005586	-.002285
#2	-.000398	.0008912	7.733143	.0007250	-.001283	.0001855	.003479
#3	-.000436	.0008334	7.800326	.0002172	-.001607	.0034605	-.006748

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086629	1.284068	.0012732	-.000172	270.8693	.0000786	.3950382
Stddev	.0001234	.027601	.0004515	.000322	4.1776	.0026038	.0028248
%RSD	1.424494	2.149459	35.45925	187.4099	1.542278	3313.817	.7150722

#1	.0085254	1.259076	.0015237	-.000432	266.0586	.0006122	.3976181
#2	.0086994	1.279438	.0007520	-.000272	272.9662	.0023742	.3954768
#3	.0087640	1.313691	.0015439	.000189	273.5831	-.002751	.3920198

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6107943	.0667762	.0692950	.0010961	.6050511	.3951584	.0016451
Stddev	.1162689	.0013884	.0003153	.0002869	.0014618	.0043431	.0006913
%RSD	19.03569	2.079164	.4549964	26.17833	.2416015	1.099088	42.02409

#1	.4803816	.0654090	.0695718	.0008152	.6067352	.3978802	.0012318
#2	.7036207	.0667347	.0689518	.0013887	.6043076	.3974453	.0024432
#3	.6483804	.0681849	.0693612	.0010842	.6041105	.3901496	.0012603

Sample Name: K4319-11 Acquired: 08/22/2019 19:18:29 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Soil-Pile Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009801	-.001182	.0431410
Stddev	.0010785	.000788	.0004887
%RSD	110.0404	66.64877	1.132724

#1	.0008735	-.001778	.0425891
#2	.0021079	-.001479	.0433150
#3	-.000041	-.000289	.0435189

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1338.747	2190.352	28741.29	4931.752	2427.113
Stddev	8.040	.654	124.09	12.274	5.829
%RSD	.6005534	.0298468	.4317483	.2488733	.2401568

#1	1335.756	2190.625	28651.41	4934.812	2422.276
#2	1332.632	2190.824	28882.87	4918.238	2433.585
#3	1347.854	2189.605	28689.60	4942.206	2425.479

Sample Name: K4319-12 Acquired: 08/22/2019 19:22:21 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Test-Pit-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002684	-.010812	.0072762	.0127075	.0029593	.0260265	.3543681
Stddev	.003684	.001495	.0009641	.0017322	.0006994	.0061918	.0116094
%RSD	137.2853	13.83206	13.25025	13.63134	23.63358	23.79027	3.276077

#1	-.004368	-.009376	.0063751	.0117980	.0021820	.0239223	.3442362
#2	.001542	-.010699	.0071604	.0147050	.0035376	.0329961	.3670358
#3	-.005224	-.012360	.0082929	.0116195	.0031582	.0211611	.3518323

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000321	.0014775	7.021889	.0003810	-.001483	.0218093	-.012637
Stddev	.000100	.0000751	.217285	.0002291	.000218	.0019968	.005086
%RSD	31.04478	5.082479	3.094398	60.13734	14.70541	9.155880	40.24324

#1	-.000280	.0014222	6.819144	.0001671	-.001416	.0224427	-.009914
#2	-.000434	.0014472	7.251260	.0006227	-.001727	.0234125	-.018504
#3	-.000248	.0015630	6.995262	.0003531	-.001307	.0195725	-.009492

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024149	1.131787	.0013122	-.000356	295.3624	-.000069	.6722150
Stddev	.0001605	.016559	.0007362	.000270	9.1520	.003396	.0061416
%RSD	6.645658	1.463094	56.10453	75.94263	3.098580	4917.935	.9136388

#1	.0023357	1.142483	.0021623	-.000375	288.5010	-.001754	.6667565
#2	.0023093	1.140164	.0008766	-.000616	305.7537	.003840	.6710234
#3	.0025995	1.112713	.0008979	-.000077	291.8323	-.002293	.6788651

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7825920	.0079222	.0929767	.0014033	.8441783	.3144103	.0008710
Stddev	.0983786	.0021901	.0024925	.0004219	.0055006	.0034191	.0010944
%RSD	12.57086	27.64515	2.680828	30.06246	.6515876	1.087458	125.6478

#1	.7356862	.0102458	.0906850	.0009658	.8472812	.3135004	.0009570
#2	.8956452	.0076250	.0956305	.0014367	.8474264	.3181923	.0019198
#3	.7164445	.0058959	.0926145	.0018075	.8378274	.3115382	-.000264

Sample Name: K4319-12 Acquired: 08/22/2019 19:22:21 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Test-Pit-1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003814	.0020221	.0402857
Stddev	.0009987	.0010847	.0009747
%RSD	261.8848	53.64176	2.419574

#1	.0005054	.0015925	.0394713
#2	.0013122	.0032558	.0413657
#3	-.000674	.0012180	.0400201

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1353.865	2197.069	28778.99	4912.803	2429.084
Stddev	2.797	5.284	36.21	86.642	3.818
%RSD	.2065899	.2405215	.1258209	1.763601	.1571608

#1	1353.417	2192.518	28754.28	4963.336	2426.036
#2	1356.860	2202.865	28762.15	4812.759	2433.366
#3	1351.320	2195.825	28820.56	4962.315	2427.852

Sample Name: K4450-07 Acquired: 08/22/2019 19:26:11 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: WC-(A-C) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000402	-.013523	.1608781	.0134362	.0023637	.2325435	.1165018
Stddev	.003715	.001730	.0007512	.0009977	.0020531	.0216192	.0004742
%RSD	924.5585	12.79067	.4669690	7.425094	86.86015	9.296835	.4070703

#1	-.004485	-.013314	.1617232	.0123743	.0029916	.2265913	.1160482
#2	.002780	-.015347	.1606251	.0143539	.0040296	.2145240	.1164630
#3	.000500	-.011907	.1602860	.0135805	.0000700	.2565153	.1169943

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000322	.0061724	43.81802	.0041828	-.000174	.1353103	.4651991
Stddev	.000013	.0001008	.35476	.0004030	.000069	.0027138	.0041979
%RSD	4.133856	1.632669	.8096239	9.634151	39.45134	2.005609	.9023933

#1	-.000325	.0060561	43.41676	.0041001	-.000158	.1376985	.4607660
#2	-.000308	.0062269	43.94728	.0046207	-.000115	.1323592	.4657178
#3	-.000334	.0062342	44.09003	.0038275	-.000249	.1358734	.4691136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5593076	1.060229	.0064860	.0000910	309.6457	.0016742	.3705227
Stddev	.0035557	.023730	.0001988	.0001757	3.3098	.0012981	.0015440
%RSD	.6357394	2.238211	3.064346	193.2003	1.068894	77.53224	.4167080

#1	.5554525	1.033293	.0066166	.0002365	305.8263	.0005983	.3693422
#2	.5600114	1.078051	.0062572	.0001406	311.4387	.0031159	.3722700
#3	.5624587	1.069343	.0065841	-.000104	311.6721	.0013085	.3699560

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3144078	.0387939	.0216635	.0012887	.4485062	.6171675	-.001038
Stddev	.0668485	.0013694	.0006559	.0003804	.0004654	.0053075	.001108
%RSD	21.26173	3.530078	3.027425	29.51828	.1037649	.8599839	106.6730

#1	.2540947	.0401308	.0223066	.0012443	.4484002	.6232948	-.001331
#2	.3862833	.0388567	.0216883	.0016894	.4481030	.6142152	-.001971
#3	.3028453	.0373941	.0209956	.0009325	.4490155	.6139925	.000186

Sample Name: K4450-07 Acquired: 08/22/2019 19:26:11 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: WC-(A-C) Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021206	.0029618	.0875837
Stddev	.0011018	.0015230	.0006874
%RSD	51.95428	51.42302	.7848695

#1	.0020824	.0018027	.0868980
#2	.0010385	.0023959	.0882728
#3	.0032409	.0046868	.0875803

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1340.646	2181.302	28806.50	4928.775	2426.898
Stddev	4.572	1.032	76.11	37.136	3.000
%RSD	.3410122	.0473184	.2642256	.7534429	.1236107

#1	1345.807	2180.756	28884.34	4885.896	2429.508
#2	1339.022	2182.493	28802.92	4949.855	2427.564
#3	1337.107	2180.659	28732.24	4950.573	2423.621

Sample Name: K4461-21 Acquired: 08/22/2019 19:30:02 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-01-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002123	-.010805	-.000511	.0125803	.0026664	.0321427	.3018156
Stddev	.002942	.002164	.001623	.0018427	.0030890	.0031154	.0122754
%RSD	138.5550	20.03138	317.6721	14.64741	115.8479	9.692330	4.067187

#1	.000434	-.011812	-.001333	.0121802	-.000470	.0285868	.2877390
#2	-.001465	-.008320	.001359	.0145902	.002763	.0334488	.3102939
#3	-.005339	-.012282	-.001558	.0109705	.005706	.0343924	.3074138

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000323	-.000415	5.920324	.0006930	-.001284	.0004163	-.013289
Stddev	.000032	.000060	.252820	.0001892	.000179	.0017496	.014728
%RSD	9.828529	14.39523	4.270367	27.29527	13.95410	420.2500	110.8312

#1	-.000344	-.000346	5.630873	.0005992	-.001435	-.001525	-.016932
#2	-.000286	-.000452	6.097932	.0009108	-.001330	.001871	.002919
#3	-.000338	-.000447	6.032166	.0005692	-.001086	.000902	-.025853

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114756	.4658882	.0014900	.0002990	273.6101	.0013265	.1783493
Stddev	.0005396	.0243007	.0005363	.0001222	11.3787	.0039947	.0002551
%RSD	4.702119	5.215999	35.99370	40.86258	4.158738	301.1545	.1430478

#1	.0109024	.4380625	.0008870	.0003105	260.5864	.0021964	.1783975
#2	.0119737	.4829352	.0016695	.0001715	281.6262	.0048144	.1785769
#3	.0115507	.4766668	.0019136	.0004151	278.6176	-.003031	.1780735

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6619919	.0036085	.0725309	.0010736	.6801327	.4074081	.0015851
Stddev	.0881296	.0002018	.0024226	.0002928	.0021888	.0105332	.0009903
%RSD	13.31279	5.591055	3.340072	27.27507	.3218117	2.585417	62.47648

#1	.5611010	.0034118	.0697412	.0011007	.6793070	.3952569	.0009246
#2	.7009224	.0035987	.0741051	.0013518	.6784769	.4139415	.0011069
#3	.7239522	.0038150	.0737464	.0007681	.6826142	.4130258	.0027237

Sample Name: K4461-21 Acquired: 08/22/2019 19:30:02 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: SB-01-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000447	.0009410	.0552314
Stddev	.000587	.0011183	.0027170
%RSD	131.4606	118.8476	4.919295

#1	-.000903	.0006965	.0521958
#2	-.000653	.0021613	.0574354
#3	.000216	-.000035	.0560629

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1345.325	2189.946	28883.43	4975.740	2427.362
Stddev	6.042	8.401	26.70	147.450	10.022
%RSD	.4491446	.3836163	.0924558	2.963372	.4128936

#1	1351.446	2186.943	28889.25	5145.364	2419.286
#2	1339.365	2199.436	28906.74	4878.197	2438.579
#3	1345.164	2183.459	28854.29	4903.658	2424.222

Sample Name: K4461-22 Acquired: 08/22/2019 19:33:54 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-02-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002942	-.012698	.0102549	.0146310	.0020262	.0519702	.2492760
Stddev	.000819	.003049	.0019173	.0010776	.0013808	.0165346	.0026594
%RSD	27.82581	24.01040	18.69629	7.365432	68.14794	31.81549	1.066860

#1	-.003446	-.015918	.0086674	.0157724	.0004937	.0620840	.2465873
#2	-.001998	-.012318	.0097122	.0144893	.0024115	.0328892	.2493354
#3	-.003384	-.009857	.0123850	.0136312	.0031734	.0609374	.2519052

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000298	-.000254	2.584093	.0010860	-.001051	-.001602	-.013874
Stddev	.000062	.000031	.040666	.0001341	.000434	.002545	.006240
%RSD	20.73136	12.24007	1.573693	12.35183	41.28794	158.8456	44.97713

#1	-.000240	-.000270	2.542103	.0010508	-.001293	-.004327	-.007257
#2	-.000363	-.000273	2.586886	.0012343	-.000550	.000713	-.014714
#3	-.000292	-.000218	2.623290	.0009730	-.001309	-.001193	-.019652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0322981	.2228627	.0025644	-.000354	268.8490	-.000568	.1692706
Stddev	.0005135	.0112869	.0008967	.000485	2.5901	.000814	.0024111
%RSD	1.590037	5.064520	34.96776	136.7979	.9633949	143.3836	1.424426

#1	.0322260	.2213826	.0035895	.000178	266.7686	-.001478	.1681384
#2	.0328439	.2348167	.0021788	-.000471	268.0283	-.000320	.1676340
#3	.0318244	.2123889	.0019251	-.000770	271.7500	.000094	.1720395

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5262725	.0100093	.0584198	.0012174	.5984819	.2928572	.0004046
Stddev	.0624029	.0021251	.0007755	.0003654	.0111492	.0004287	.0007698
%RSD	11.85752	21.23084	1.327383	30.01503	1.862907	.1463753	190.2871

#1	.5885463	.0104037	.0591028	.0016388	.5973028	.2933288	.0008063
#2	.4637413	.0119096	.0575768	.0009895	.6101737	.2924912	-.000483
#3	.5265301	.0077147	.0585796	.0010237	.5879692	.2927517	.000890

Sample Name: K4461-22 Acquired: 08/22/2019 19:33:54 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-02-COMP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000344	-.001087	.0402281
Stddev	.000438	.000438	.0006356
%RSD	127.3227	40.33626	1.579928

#1	-.000500	-.000627	.0396626
#2	.000151	-.001133	.0401057
#3	-.000682	-.001501	.0409160

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1353.274	2197.652	28804.29	4934.651	2427.627
Stddev	8.372	6.936	95.95	44.450	7.499
%RSD	.6186392	.3156018	.3331174	.9007816	.3088908

#1	1354.127	2189.796	28696.34	4922.034	2421.964
#2	1361.186	2200.233	28879.86	4984.046	2424.787
#3	1344.508	2202.928	28836.68	4897.872	2436.131

Sample Name: K4461-23 Acquired: 08/22/2019 19:37:48 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-03-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001539	-.013901	.0020685	.0133499	.0032671	.0410682	.3503559
Stddev	.000985	.002522	.0018787	.0020808	.0012402	.0092273	.0027853
%RSD	64.04597	18.14294	90.82396	15.58673	37.95974	22.46827	.7949992

#1	-.001539	-.011090	.0042154	.0146104	.0028795	.0350534	.3471396
#2	-.002524	-.014647	.0007255	.0109482	.0046548	.0364592	.3519680
#3	-.000553	-.015965	.0012646	.0144912	.0022670	.0516920	.3519599

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000247	-.000174	4.401767	.0011078	-.001276	.0017342	-.011080
Stddev	.000044	.000208	.051621	.0005652	.000266	.0016627	.013952
%RSD	17.99628	119.5914	1.172730	51.01954	20.83770	95.87853	125.9155

#1	-.000276	-.000139	4.344476	.0007049	-.001177	.0036419	-.024658
#2	-.000269	.000014	4.416166	.0008647	-.001074	.0009681	.003217
#3	-.000196	-.000398	4.444660	.0017539	-.001577	.0005926	-.011799

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0353947	.2905012	.0018824	-.000315	271.5865	-.001235	.1991666
Stddev	.0007131	.0234242	.0004898	.000112	2.5713	.000399	.0006731
%RSD	2.014855	8.063387	26.01861	35.49896	.9467749	32.33045	.3379395

#1	.0345717	.2822974	.0023553	-.000383	268.6246	-.001294	.1998797
#2	.0357829	.2722824	.0013773	-.000377	272.8891	-.001601	.1985424
#3	.0358295	.3169239	.0019146	-.000186	273.2459	-.000809	.1990778

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.058881	.0221761	.0791278	.0008693	.6782700	.3480073	.0004553
Stddev	.025365	.0005998	.0014627	.0001918	.0040535	.0029151	.0011382
%RSD	2.395488	2.704794	1.848535	22.05941	.5976160	.8376641	249.9709

#1	1.056487	.0225473	.0786575	.0006516	.6788123	.3473421	.0017272
#2	1.085358	.0224969	.0779580	.0009431	.6739726	.3454823	.0001060
#3	1.034797	.0214841	.0807677	.0010132	.6820249	.3511976	-.000467

Sample Name: K4461-23 Acquired: 08/22/2019 19:37:48 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-03-COMP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005569	-.000350	.0667845
Stddev	.0006866	.000290	.0010374
%RSD	123.2914	82.70493	1.553306

#1	.0000759	-.000478	.0655965
#2	.0013432	-.000019	.0672460
#3	.0002516	-.000555	.0675110

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1342.783	2186.163	28689.88	4944.205	2409.190
Stddev	12.026	4.910	135.18	16.568	4.489
%RSD	.8956219	.2245851	.4711674	.3351072	.1863189

#1	1330.483	2188.239	28535.04	4925.221	2413.647
#2	1343.351	2189.693	28784.35	4955.751	2409.252
#3	1354.516	2180.556	28750.27	4951.644	2404.670

Sample Name: K4461-24 Acquired: 08/22/2019 19:41:40 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-04-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002993	-.014073	.0008111	.0143361	.0017662	.0382261	.2769447
Stddev	.001490	.002890	.0009661	.0003017	.0009913	.0111316	.0025813
%RSD	49.77157	20.53772	119.1057	2.104829	56.12894	29.12030	.9320471

#1	-.004202	-.013259	-.000232	.0146607	.0024784	.0270444	.2746727
#2	-.003448	-.017282	.000989	.0140641	.0006340	.0383271	.2764100
#3	-.001329	-.011676	.001676	.0142835	.0021862	.0493068	.2797515

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000313	-.000294	2.915191	.0007421	-.001122	-.000900	-.014401
Stddev	.000040	.000073	.036208	.0003756	.000478	.000839	.008790
%RSD	12.73685	24.88466	1.242062	50.60937	42.56861	93.14811	61.03592

#1	-.000274	-.000324	2.883760	.0011520	-.001158	-.001403	-.004331
#2	-.000354	-.000348	2.907029	.0004145	-.000627	.000068	-.020537
#3	-.000310	-.000211	2.954784	.0006599	-.001581	-.001366	-.018335

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175657	.1687524	.0030713	-.000052	273.9334	.0011042	.1917284
Stddev	.0004064	.0146709	.0002266	.000226	2.7030	.0007913	.0001320
%RSD	2.313889	8.693768	7.379328	431.1294	.9867486	71.66785	.0688538

#1	.0178903	.1782437	.0029815	.000117	271.6883	.0020161	.1918444
#2	.0171099	.1518547	.0029033	-.000309	273.1783	.0006982	.1915848
#3	.0176970	.1761588	.0033291	.000035	276.9337	.0005982	.1917560

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3051784	.0060776	.0787253	.0011424	.5760417	.2205333	.0000487
Stddev	.0554753	.0001979	.0007803	.0002401	.0050590	.0046694	.0011826
%RSD	18.17800	3.256947	.9911687	21.01817	.8782332	2.117305	2429.598

#1	.2422477	.0058738	.0779113	.0008914	.5703583	.2165959	.0012920
#2	.3262846	.0060900	.0794669	.0013699	.5800527	.2193122	-.001062
#3	.3470028	.0062691	.0787977	.0011657	.5777142	.2256920	-.000084

Sample Name: K4461-24 Acquired: 08/22/2019 19:41:40 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: SB-04-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000135	.0010016	.0281934
Stddev	.000901	.0017425	.0002232
%RSD	666.4300	173.9756	.7914915

#1	-.000298	-.000979	.0280136
#2	-.000944	.002300	.0281235
#3	.000836	.001683	.0284431

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1333.185	2183.094	28431.76	4887.495	2409.850
Stddev	8.242	5.445	331.27	23.073	2.411
%RSD	.6182248	.2494349	1.165153	.4720858	.1000410

#1	1323.669	2177.015	28068.87	4914.003	2407.251
#2	1337.852	2184.741	28508.43	4871.929	2410.286
#3	1338.035	2187.526	28717.97	4876.552	2412.014

Sample Name: K4461-25 Acquired: 08/22/2019 19:45:33 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-05-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001497	-.013303	-.000197	.0122567	.0022582	.0744957	.3033209
Stddev	.001334	.001284	.002108	.0017692	.0015005	.0121531	.0031857
%RSD	89.17186	9.650300	1071.779	14.43478	66.44658	16.31385	1.050275

#1	-.002623	-.011887	-.002219	.0102183	.0015086	.0882397	.2996599
#2	-.000023	-.013629	.001988	.0131577	.0012802	.0651688	.3054617
#3	-.001844	-.014392	-.000359	.0133940	.0039858	.0700788	.3048413

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000286	-.000260	1.929406	.0004584	-.000812	-.001378	-.012297
Stddev	.000023	.000040	.035928	.0000816	.000405	.000958	.004847
%RSD	8.230274	15.57695	1.862132	17.80299	49.88118	69.52973	39.41433

#1	-.000281	-.000229	1.888132	.0005337	-.000571	-.000344	-.007033
#2	-.000265	-.000306	1.946409	.0003717	-.000585	-.002236	-.013282
#3	-.000311	-.000245	1.953676	.0004698	-.001280	-.001552	-.016576

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224748	.1822564	.0022164	-.000350	301.8672	-.000230	.2068633
Stddev	.0009092	.0255158	.0003892	.000301	5.1318	.000801	.0017561
%RSD	4.045408	13.99995	17.56079	85.91414	1.700025	348.0416	.8489372

#1	.0214958	.1665425	.0026319	-.000216	295.9793	.000415	.2087570
#2	.0232926	.1685296	.0021570	-.000140	304.2318	-.001127	.2065445
#3	.0226361	.2116972	.0018603	-.000695	305.3903	.000021	.2052884

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3326088	.0034478	.0838745	.0006336	.6904935	.3114526	.0015090
Stddev	.0601491	.0005614	.0009500	.0001640	.0025420	.0026584	.0026628
%RSD	18.08402	16.28236	1.132614	25.89163	.3681463	.8535367	176.4615

#1	.2798054	.0038218	.0827794	.0006902	.6929851	.3141743	.0007572
#2	.3199368	.0028023	.0844769	.0004487	.6879039	.3113210	-.000697
#3	.3980843	.0037193	.0843672	.0007619	.6905914	.3088625	.004467

Sample Name: K4461-25 Acquired: 08/22/2019 19:45:33 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-05-COMP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000341	.0011523	.0158921
Stddev	.000259	.0010395	.0002330
%RSD	76.11140	90.20877	1.465874

#1	-.000203	.0006995	.0156303
#2	-.000640	.0004161	.0160766
#3	-.000179	.0023415	.0159693

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1345.970	2181.922	28751.98	4844.391	2417.709
Stddev	18.556	8.183	289.19	5.881	5.806
%RSD	1.378611	.3750396	1.005803	.1214067	.2401597

#1	1325.963	2172.473	28461.08	4838.380	2411.339
#2	1362.615	2186.624	29039.42	4850.134	2422.705
#3	1349.332	2186.668	28755.45	4844.658	2419.083

Sample Name: K4461-26 Acquired: 08/22/2019 19:49:27 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-06-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001982	-.007130	-.000427	.0135171	.0023418	.0794255	.4310272
Stddev	.001424	.002262	.000961	.0008475	.0006629	.0051231	.0039154
%RSD	71.85899	31.72706	224.8042	6.269674	28.30842	6.450168	.9083874

#1	-.002089	-.007494	.000676	.0133322	.0025885	.0769325	.4265501
#2	-.003350	-.004708	-.000883	.0127774	.0015909	.0760261	.4327211
#3	-.000507	-.009189	-.001075	.0144418	.0028459	.0853179	.4338105

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000347	-.000408	3.400323	.0007117	-.000488	-.001037	-.002512
Stddev	.000026	.000075	.036949	.0001966	.000056	.002750	.005483
%RSD	7.543396	18.42468	1.086640	27.61821	11.44056	265.1299	218.2630

#1	-.000328	-.000406	3.362875	.0008655	-.000495	-.001387	-.001818
#2	-.000337	-.000333	3.401341	.0004902	-.000429	-.003595	-.008309
#3	-.000377	-.000483	3.436752	.0007792	-.000540	.001871	.002591

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0614169	.1833544	.0027012	-.000602	304.5489	-.000451	.1966409
Stddev	.0010200	.0219442	.0002503	.000059	2.5751	.003432	.0013845
%RSD	1.660734	11.96821	9.267135	9.799455	.8455597	761.2566	.7040486

#1	.0602933	.2085179	.0028319	-.000662	302.3198	.002180	.1953294
#2	.0622844	.1733518	.0028592	-.000544	303.9592	.000801	.1965049
#3	.0616731	.1681937	.0024126	-.000600	307.3678	-.004333	.1980883

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.104453	.0037458	.0841318	.0010486	.5798844	.2951367	.0011885
Stddev	.083059	.0020815	.0001194	.0007693	.0037422	.0014527	.0009303
%RSD	7.520383	55.56890	.1418981	73.36009	.6453264	.4922244	78.27431

#1	1.194489	.0015543	.0840057	.0014984	.5778987	.2939440	.0001990
#2	1.088051	.0056964	.0841467	.0014872	.5775535	.2967546	.0020453
#3	1.030818	.0039866	.0842431	.0001604	.5842008	.2947115	.0013210

Sample Name: K4461-26 Acquired: 08/22/2019 19:49:27 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: SB-06-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011977	.0003778	.0302358
Stddev	.0008070	.0011798	.0003208
%RSD	67.37693	312.3053	1.061142

#1	.0013776	-.000651	.0300037
#2	.0003159	.001665	.0301017
#3	.0018995	.000119	.0306019

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1346.676	2195.412	28568.27	4918.017	2419.454
Stddev	11.859	6.038	120.32	21.104	1.520
%RSD	.8806355	.2750434	.4211776	.4291119	.0628250

#1	1355.263	2191.441	28598.03	4908.308	2417.720
#2	1351.621	2202.361	28670.92	4942.228	2420.554
#3	1333.145	2192.434	28435.86	4903.515	2420.088

Sample Name: K4461-27 Acquired: 08/22/2019 19:53:19 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-07-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001389	-.014253	.0010487	.0137735	.0027530	.0754515	.3782749
Stddev	.001044	.000855	.0027064	.0021414	.0008286	.0056654	.0022429
%RSD	75.20447	5.995783	258.0811	15.54731	30.09717	7.508723	.5929388

#1	-.002195	-.014460	.0009322	.0142198	.0018487	.0696197	.3768560
#2	-.000209	-.013313	.0038114	.0114441	.0029346	.0809345	.3771080
#3	-.001762	-.014984	-.001598	.0156566	.0034757	.0758003	.3808608

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000263	-.000327	5.726414	.0009840	-.001476	-.000757	-.014797
Stddev	.000030	.000001	.045777	.0002266	.000168	.000444	.016280
%RSD	11.55048	.3873042	.7993985	23.03284	11.40522	58.63560	110.0247

#1	-.000295	-.000328	5.696010	.0011797	-.001398	-.000458	-.033437
#2	-.000234	-.000327	5.704170	.0007357	-.001669	-.001266	-.007589
#3	-.000260	-.000326	5.779062	.0010366	-.001360	-.000545	-.003365

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1613988	.2810953	.0040870	-.000022	320.6988	.0006323	.1931615
Stddev	.0008933	.0076074	.0004755	.000463	2.8103	.0009804	.0006180
%RSD	.5534874	2.706346	11.63339	2109.960	.8763047	155.0432	.3199122

#1	.1613161	.2731365	.0035696	.000237	317.6428	.0010838	.1929610
#2	.1605497	.2818552	.0045047	-.000556	321.2816	.0013056	.1926686
#3	.1623306	.2882943	.0041867	.000254	323.1719	-.000492	.1938547

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.264276	.0063637	.0852891	.0011082	.5811060	.4721595	.0014973
Stddev	.107672	.0010579	.0014058	.0004811	.0049175	.0033394	.0008735
%RSD	8.516527	16.62361	1.648258	43.41360	.8462306	.7072683	58.33297

#1	1.144491	.0052451	.0841098	.0007504	.5837014	.4692158	.0023305
#2	1.295323	.0064979	.0849127	.0016551	.5841820	.4714742	.0005886
#3	1.353013	.0073480	.0868448	.0009191	.5754345	.4757884	.0015729

Sample Name: K4461-27 Acquired: 08/22/2019 19:53:19 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-07-COMP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004448	.0014426	.0507976
Stddev	.0005215	.0007785	.0003358
%RSD	117.2305	53.96299	.6611375

#1	.0009249	.0010288	.0504303
#2	-.000110	.0009585	.0508735
#3	.000519	.0023406	.0510890

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1339.021	2195.043	28452.48	4903.898	2415.051
Stddev	6.147	5.089	34.63	27.305	3.674
%RSD	.4590858	.2318273	.1216987	.5568035	.1521306

#1	1334.903	2189.179	28422.88	4892.609	2411.709
#2	1346.087	2198.292	28490.56	4935.037	2418.985
#3	1336.074	2197.659	28443.99	4884.048	2414.459

Sample Name: CCV12 Acquired: 08/22/2019 19:57:12 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	4.889528	4.773218	4.804803	4.848085	4.902018	9.468902	9.860641
Stddev	.018128	.014056	.007602	.006740	.016763	.117505	.060657
%RSD	.3707543	.2944841	.1582203	.1390199	.3419707	1.240960	.6151416

#1	4.890375	4.757009	4.813581	4.848378	4.899509	9.333651	9.793099
#2	4.870991	4.780594	4.800400	4.841203	4.886650	9.545902	9.910469
#3	4.907218	4.782051	4.800428	4.854673	4.919894	9.527152	9.878355

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2407376	2.403177	24.07195	.9847923	2.401329	1.189092	4.834955
Stddev	.0005538	.005551	.14942	.0049023	.002274	.018050	.065630
%RSD	.2300489	.2310059	.6207386	.4977977	.0946860	1.517955	1.357403

#1	.2405184	2.406365	23.89980	.9833350	2.402992	1.168410	4.759204
#2	.2403270	2.406399	24.16803	.9902580	2.402258	1.201665	4.870906
#3	.2413675	2.396766	24.14803	.9807840	2.398738	1.197202	4.874754

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.423436	23.93350	2.436228	1.228189	24.19149	2.398171	2.413278
Stddev	.023083	.23718	.003398	.009140	.07201	.033605	.013090
%RSD	.9524928	.9910135	.1394625	.7441791	.2976702	1.401292	.5424324

#1	2.397280	23.66268	2.433782	1.219601	24.25830	2.359793	2.407596
#2	2.432072	24.10426	2.440108	1.237796	24.20095	2.422326	2.428250
#3	2.440955	24.03357	2.434795	1.227171	24.11521	2.412394	2.403989

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.65897	5.133643	4.754105	4.877694	4.817310	4.696513	4.860126
Stddev	.34533	.011366	.013464	.014418	.007264	.019571	.005248
%RSD	1.459606	.2214073	.2832137	.2955880	.1507828	.4167130	.1079875

#1	23.26377	5.120571	4.738966	4.875501	4.825696	4.676455	4.854269
#2	23.90256	5.139163	4.758611	4.864499	4.813229	4.697526	4.864403
#3	23.81057	5.141195	4.764739	4.893083	4.813005	4.715558	4.861705

Sample Name: CCV12 Acquired: 08/22/2019 19:57:12 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.713987	4.851379	4.747029
Stddev	.052543	.015000	.075446
%RSD	1.114613	.3091890	1.589335

#1	4.654237	4.834186	4.741018
#2	4.752983	4.858166	4.674768
#3	4.734742	4.861786	4.825301

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1429.298	2298.280	30159.11	5085.852	2507.308
Stddev	5.343	4.405	142.78	21.143	2.757
%RSD	.3738353	.1916517	.4734198	.4157152	.1099467

#1	1432.678	2296.881	30303.64	5099.559	2506.098
#2	1423.138	2303.214	30018.15	5096.495	2505.363
#3	1432.077	2294.744	30155.54	5061.503	2510.463

Sample Name: CCB12 Acquired: 08/22/2019 20:00:51 Type: Unk
 Method: NON EPA-6010-200.7(v146) 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	-.000899	.0013328	-.000957	-.000469	.0014597	-.008242
Stddev	.004755	.0023488	.001590	.000214	.0001917	.006511
%RSD	529.0717	176.2250	166.1330	45.70725	13.13219	78.99474

#1	.001450	.0025376	-.000833	-.000714	.0013396	-.014325
#2	-.006371	-.001374	.000567	-.000372	.0016808	-.001374
#3	.002224	.002835	-.002605	-.000320	.0013588	-.009028

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007863	.0000409	.0000044	.0079767	-.000318	-.000114
Stddev	.0003269	.0000184	.0000539	.0135919	.000663	.000159
%RSD	41.57650	44.95497	1222.503	170.3948	208.4443	139.0286

#1	.0011088	.0000618	.0000662	.0209240	.000300	-.000026
#2	.0007949	.0000271	-.000033	-.006179	-.001019	-.000019
#3	.0004552	.0000340	-.000020	.009185	-.000236	-.000298

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000496	-.005221	.0002420	.0028928	.0003827	-.000013
Stddev	.000749	.004825	.0003498	.0304072	.0003568	.000326
%RSD	150.9949	92.41406	144.5233	1051.132	93.24496	2575.164

#1	-.000315	-.010778	.0003243	.0318737	.0000079	-.000120
#2	-.001318	-.002096	-.000142	-.028764	.0007183	.000354
#3	.000146	-.002789	.000543	.005569	.0004217	-.000272

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0993533	.0017710	-.000441	-.087301	-.001635	.0040381
Stddev	.3276414	.0013025	.000390	.066265	.001667	.0017501
%RSD	329.7740	73.54627	88.53439	75.90442	101.9075	43.34119

#1	-.184512	.0008448	.000008	-.010796	-.001320	.0055044
#2	.024688	.0012080	-.000699	-.124419	-.000149	.0045092
#3	.457883	.0032604	-.000632	-.126689	-.003437	.0021006

Sample Name: CCB12 Acquired: 08/22/2019 20:00:51 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	-.000140	F -.012361	.0005008	-.001339	.0011434	-.000171
Stddev	.000396	.000506	.0011762	.001463	.0014160	.000626
%RSD	282.5956	4.093216	234.8404	109.2285	123.8349	365.3515

#1	-.000232	-.012795	.0017858	-.000675	.0000468	-.000818
#2	-.000482	-.011806	.0002392	-.000327	.0027420	.000432
#3	.000294	-.012483	-.000522	-.003016	.0006415	-.000128

Elem	Sr4077
Units	ppm
Avg	.0003079
Stddev	.0002146
%RSD	69.71129

#1	.0005473
#2	.0002436
#3	.0001328

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1449.215	2311.213	30231.20	5065.057	2426.780
Stddev	3.489	1.155	107.89	27.822	3.904
%RSD	.2407394	.0499918	.3568681	.5492885	.1608804

#1	1445.916	2310.781	30273.54	5034.873	2427.882
#2	1448.862	2310.336	30311.49	5089.674	2430.014
#3	1452.867	2312.522	30108.57	5070.624	2422.443

Sample Name: K4461-28 Acquired: 08/22/2019 20:04:46 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-08-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003749	-.012104	.0017321	.0130530	.0016101	.0879581	.3470500
Stddev	.001750	.002197	.0010148	.0015050	.0026507	.0029782	.0029649
%RSD	46.67344	18.15105	58.58548	11.53005	164.6280	3.385893	.8543056

#1	-.005501	-.014153	.0008942	.0145908	.0011665	.0879003	.3460119
#2	-.003742	-.009784	.0014417	.0129851	.0044547	.0850092	.3447438
#3	-.002002	-.012373	.0028604	.0115830	-.000791	.0909647	.3503943

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000363	-.000314	2.120641	.0005376	-.000866	-.002476	-.014640
Stddev	.000020	.000047	.013255	.0003442	.000325	.002620	.006650
%RSD	5.531796	14.99442	.6250493	64.03055	37.46383	105.8100	45.42399

#1	-.000341	-.000337	2.107394	.0008368	-.000494	-.005460	-.009848
#2	-.000367	-.000260	2.120626	.0001614	-.001091	-.001418	-.022232
#3	-.000381	-.000346	2.133904	.0006146	-.001014	-.000551	-.011839

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0941848	.1111517	.0024947	-.000381	289.8926	.0014410	.2238278
Stddev	.0007157	.0219328	.0001595	.000038	3.0701	.0002131	.0027512
%RSD	.7599168	19.73234	6.391689	9.935570	1.059047	14.78730	1.229164

#1	.0941356	.1341950	.0023682	-.000350	288.5562	.0015306	.2268326
#2	.0934949	.0905304	.0024421	-.000369	287.7172	.0015946	.2214323
#3	.0949239	.1087298	.0026738	-.000423	293.4044	.0011977	.2232186

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2779364	.0018755	.1040794	.0013537	.7005094	.3404917	.0007757
Stddev	.0590924	.0008256	.0004234	.0005462	.0057369	.0073656	.0006639
%RSD	21.26113	44.02100	.4068417	40.34667	.8189657	2.163218	85.57770

#1	.3334215	.0023213	.1045629	.0019709	.7055646	.3484655	.0008650
#2	.2157996	.0023823	.1039009	.0011573	.6942742	.3339423	.0013904
#3	.2845881	.0009228	.1037745	.0009328	.7016895	.3390675	.0000717

Sample Name: K4461-28 Acquired: 08/22/2019 20:04:46 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-08-COMP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000032	-.001099	.0132665
Stddev	.000196	.001077	.0002428
%RSD	611.7530	98.03535	1.829961

#1	-.000236	-.002318	.0132824
#2	-.000015	-.000702	.0130162
#3	.000155	-.000276	.0135009

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1356.938	2223.669	28889.89	4940.990	2447.953
Stddev	17.016	9.792	129.86	51.114	8.032
%RSD	1.254034	.4403544	.4494999	1.034486	.3281259

#1	1337.332	2212.366	28753.59	4885.815	2438.763
#2	1367.862	2229.048	28903.91	4986.727	2451.463
#3	1365.619	2229.592	29012.18	4950.428	2453.634

Sample Name: K4386-40 Acquired: 08/22/2019 20:27:56 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T6-B-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004257	-.015003	.0233815	.0123925	.0041784	.0523210	.2734339
Stddev	.001291	.002039	.0009118	.0010381	.0009581	.0067733	.0045283
%RSD	30.32626	13.59172	3.899525	8.377037	22.92855	12.94563	1.656101

#1	-.005747	-.016374	.0224848	.0120648	.0031370	.0532097	.2684301
#2	-.003452	-.012660	.0243076	.0135550	.0050223	.0451472	.2746217
#3	-.003574	-.015976	.0233520	.0115578	.0043759	.0586060	.2772500

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000382	.0027618	68.92138	.0005452	.0042601	.2036131	.0301816
Stddev	.000095	.0001125	1.12452	.0005158	.0003213	.0046064	.0075403
%RSD	24.82233	4.071717	1.631591	94.61051	7.541718	2.262345	24.98326

#1	-.000286	.0026595	67.64187	.0011387	.0045022	.2001312	.0335509
#2	-.000386	.0027437	69.36963	.0002055	.0038956	.2018718	.0354498
#3	-.000475	.0028822	69.75264	.0002913	.0043824	.2088364	.0215440

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4686642	18.87345	.0078509	-.000297	267.7105	-.000756	.4405821
Stddev	.0075038	.28764	.0009257	.000199	4.5088	.003912	.0003616
%RSD	1.601107	1.524045	11.79130	67.06842	1.684191	517.6554	.0820766

#1	.4601488	18.55200	.0086970	-.000068	262.7019	-.005218	.4409958
#2	.4715351	18.96179	.0079937	-.000393	268.9843	.002085	.4403262
#3	.4743087	19.10656	.0068621	-.000429	271.4454	.000866	.4404243

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.424958	.0281911	.0062706	.0009097	.2801065	.5905482	-.004007
Stddev	.116945	.0003424	.0014039	.0001847	.0046747	.0023754	.001786
%RSD	8.206920	1.214610	22.38782	20.30258	1.668887	.4022323	44.55726

#1	1.296693	.0278923	.0066852	.0007010	.2749938	.5921658	-.002039
#2	1.452522	.0281162	.0074205	.0009759	.2841621	.5878211	-.005523
#3	1.525659	.0285647	.0047062	.0010522	.2811636	.5916577	-.004460

Sample Name: K4386-40 Acquired: 08/22/2019 20:27:56 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: T6-B-(0-2) Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000048	.0021871	.1229055
Stddev	.000630	.0010891	.0014301
%RSD	1314.515	49.79650	1.163591

#1	.000676	.0033064	.1215553
#2	-.000348	.0011309	.1227571
#3	-.000472	.0021241	.1244040

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1327.844	2160.012	28364.49	4846.738	2386.394
Stddev	3.621	12.891	153.17	13.363	14.370
%RSD	.2726820	.5968007	.5400081	.2757081	.6021688

#1	1327.329	2147.108	28345.30	4839.187	2370.396
#2	1324.509	2160.037	28221.82	4838.860	2390.575
#3	1331.695	2172.890	28526.35	4862.167	2398.209

Sample Name: K4386-31 Acquired: 08/22/2019 20:24:04 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T6-A1-A4-(0- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002876	-.012093	.0395459	.0122791	.0037006	.0687382	.3073951
Stddev	.002286	.003619	.0006201	.0032596	.0006061	.0116955	.0134515
%RSD	79.50228	29.92917	1.568048	26.54619	16.37986	17.01462	4.375970

#1	-.000259	-.016259	.0388333	.0093365	.0033550	.0593978	.2919781
#2	-.003879	-.009725	.0398425	.0157829	.0033462	.0818555	.3167409
#3	-.004489	-.010294	.0399621	.0117179	.0044005	.0649614	.3134663

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000325	.0011388	42.25573	.0006528	.0004409	.2143912	.0349612
Stddev	.000057	.0000456	2.19998	.0007060	.0002317	.0114320	.0037697
%RSD	17.45934	4.004819	5.206336	108.1531	52.55994	5.332325	10.78255

#1	-.000282	.0011645	39.72244	.0013407	.0001756	.2012943	.0319331
#2	-.000305	.0011658	43.68578	.0006880	.0005430	.2195102	.0337672
#3	-.000390	.0010862	43.35898	-.000070	.0006040	.2223692	.0391833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3767609	3.760187	.0075824	-.000533	281.0638	-.001845	.2343420
Stddev	.0185151	.192111	.0004050	.000273	12.5419	.000544	.0011632
%RSD	4.914294	5.109077	5.340820	51.12040	4.462301	29.50256	.4963717

#1	.3553889	3.540690	.0071243	-.000563	266.5827	-.001408	.2332090
#2	.3869590	3.842147	.0078926	-.000247	288.1529	-.002455	.2355333
#3	.3879349	3.897725	.0077303	-.000790	288.4558	-.001672	.2342836

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.786647	.0458420	.0055731	.0013299	.3100608	1.161424	-.000602
Stddev	.081623	.0027936	.0022991	.0003506	.0037066	.044503	.002301
%RSD	4.568491	6.094000	41.25258	26.35954	1.195433	3.831801	382.4004

#1	1.712352	.0432582	.0029564	.0015431	.3136492	1.113414	-.000308
#2	1.773571	.0488064	.0064938	.0015213	.3102867	1.201299	.001538
#3	1.874019	.0454613	.0072691	.0009253	.3062464	1.169558	-.003035

Sample Name: K4386-31 Acquired: 08/22/2019 20:24:04 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: T6-A1-A4-(0- Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008756	.0054791	.1471707
Stddev	.0010563	.0006004	.0058636
%RSD	120.6449	10.95879	3.984247

#1	-.000314	.0047859	.1404470
#2	.001236	.0058135	.1498426
#3	.001704	.0058379	.1512225

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1336.763	2168.623	28498.41	4891.902	2402.325
Stddev	14.638	1.628	194.12	134.243	2.529
%RSD	1.095040	.0750513	.6811467	2.744184	.1052762

#1	1320.504	2168.019	28294.66	5040.177	2399.443
#2	1348.893	2170.467	28681.18	4778.624	2404.174
#3	1340.891	2167.384	28519.40	4856.905	2403.359

Sample Name: K4387-29 Acquired: 08/22/2019 20:39:28 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T4-A1-A4-(0- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006272	-.015904	.0144974	.0155145	.0040446	.0882282	.2299449
Stddev	.0046294	.002645	.0012346	.0025374	.0017561	.0134610	.0015411
%RSD	738.1326	16.62835	8.516075	16.35504	43.42001	15.25700	.6701834

#1	-.003259	-.018357	.0143583	.0130884	.0020279	.0983619	.2288233
#2	-.000608	-.013102	.0133382	.0153050	.0052372	.0729546	.2293092
#3	.005749	-.016253	.0157956	.0181502	.0048686	.0933682	.2317021

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000333	.0021813	48.42553	.0007547	-.001186	.0341334	-.006970
Stddev	.000038	.0002050	.40335	.0003145	.000148	.0026985	.004412
%RSD	11.27025	9.396794	.8329367	41.67427	12.47592	7.905771	63.30408

#1	-.000309	.0023052	47.98159	.0003916	-.001356	.0317324	-.004550
#2	-.000376	.0019447	48.52550	.0009277	-.001117	.0370539	-.012062
#3	-.000314	.0022940	48.76950	.0009446	-.001085	.0336137	-.004297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2723833	4.198381	.0085584	-.000111	337.1904	.0019942	.2672139
Stddev	.0021912	.040557	.0004323	.000620	2.4070	.0023751	.0006519
%RSD	.8044500	.9660106	5.050618	560.1291	.7138323	119.0997	.2439527

#1	.2698864	4.196145	.0083410	-.000279	335.0437	.0026750	.2667604
#2	.2739860	4.158989	.0082781	.000576	336.7349	-.000647	.2679609
#3	.2732774	4.240010	.0090562	-.000629	339.7926	.003955	.2669204

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.396149	.0445201	.0140801	.0008298	.4030866	1.244717	-.001386
Stddev	.089320	.0015031	.0005312	.0002519	.0027067	.007757	.003051
%RSD	6.397621	3.376154	3.772449	30.35036	.6714840	.6231567	220.0856

#1	1.305657	.0427928	.0144722	.0009297	.4047445	1.237379	.002120
#2	1.398540	.0455304	.0142925	.0010164	.4045521	1.243938	-.002844
#3	1.484250	.0452371	.0134756	.0005433	.3999632	1.252833	-.003434

Sample Name: K4387-29 Acquired: 08/22/2019 20:39:28 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T4-A1-A4-(0- Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004091	.0026643	.1645075
Stddev	.0008354	.0013109	.0009199
%RSD	204.1966	49.20350	.5591934

#1	.0009061	.0015144	.1638837
#2	-.000555	.0040917	.1640748
#3	.000877	.0023867	.1655640

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1315.593	2149.666	28045.81	4784.168	2380.621
Stddev	12.409	6.588	119.95	9.514	6.355
%RSD	.9431934	.3064882	.4276812	.1988668	.2669648

#1	1302.226	2144.913	27916.53	4774.690	2377.633
#2	1317.810	2157.187	28067.40	4793.718	2387.920
#3	1326.744	2146.899	28153.49	4784.095	2376.310

Sample Name: K4387-38 Acquired: 08/22/2019 20:50:55 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T4-B1-B4-(0- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001499	-.011419	.0185425	.0128309	.0027907	.0402156	.1849981
Stddev	.002088	.004222	.0019160	.0014127	.0010851	.0098604	.0015522
%RSD	139.3318	36.97415	10.33314	11.00982	38.88339	24.51888	.8390200

#1	-.000489	-.013342	.0185786	.0144278	.0035153	.0509232	.1842846
#2	-.003900	-.014337	.0204402	.0117442	.0015431	.0315095	.1839310
#3	-.000107	-.006578	.0166087	.0123208	.0033136	.0382139	.1867787

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000433	.0027878	40.50297	.0004954	.0027169	.0234903	.0096471
Stddev	.000051	.0000372	.17250	.0001323	.0001869	.0016320	.0044944
%RSD	11.76944	1.335679	.4258996	26.71154	6.878325	6.947709	46.58875

#1	-.000492	.0028212	40.41230	.0006251	.0028469	.0216137	.0147999
#2	-.000399	.0027477	40.39470	.0005005	.0025027	.0242790	.0065357
#3	-.000409	.0027947	40.70190	.0003606	.0028010	.0245781	.0076056

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3270099	4.560382	.0058506	-.000431	301.6816	-.000143	.6476586
Stddev	.0012939	.066444	.0007723	.000081	2.6261	.001643	.0022268
%RSD	.3956795	1.456985	13.20122	18.83204	.8704992	1150.838	.3438175

#1	.3271156	4.519310	.0065658	-.000380	302.3469	.000928	.6502064
#2	.3256664	4.524796	.0059545	-.000388	298.7868	.000678	.6466841
#3	.3282478	4.637040	.0050316	-.000525	303.9111	-.002035	.6460851

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4805470	.0741365	.0136553	.0011971	.2107693	.5488889	-.000560
Stddev	.0370880	.0002689	.0008887	.0001275	.0033616	.0069931	.001098
%RSD	7.717862	.3626558	6.507766	10.64919	1.594944	1.274053	196.0582

#1	.4641669	.0741295	.0142776	.0011388	.2068998	.5563653	-.000693
#2	.5230048	.0744087	.0126375	.0011091	.2129702	.5425084	-.001585
#3	.4544691	.0738711	.0140506	.0013433	.2124380	.5477932	.000598

Sample Name: K4387-38 Acquired: 08/22/2019 20:50:55 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: T4-B1-B4-(0- Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000406	.0026997	.1427814
Stddev	.002321	.0010178	.0022368
%RSD	571.9013	37.69914	1.566611

#1	-.002077	.0038509	.1443684
#2	.002244	.0023290	.1402231
#3	-.001385	.0019193	.1437526

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1326.165	2159.177	28341.25	4757.337	2392.994
Stddev	6.210	2.115	202.00	37.105	5.595
%RSD	.4682736	.0979631	.7127354	.7799607	.2338217

#1	1329.898	2156.890	28511.80	4714.494	2387.781
#2	1318.996	2161.063	28118.18	4778.302	2398.906
#3	1329.601	2159.579	28393.76	4779.214	2392.296

Sample Name: CCV13 Acquired: 08/22/2019 20:43:20 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	4.856575	4.790910	4.870271	4.893699	4.795489	F 8.947703
Stddev	.004415	.037990	.017213	.021505	.001914	.648260
%RSD	.0909138	.7929521	.3534391	.4394383	.0399146	7.244992

#1	4.852195	4.771865	4.855252	4.880831	4.795825	8.199168
#2	4.856506	4.766211	4.866507	4.881740	4.797214	9.318365
#3	4.861025	4.834655	4.889055	4.918525	4.793430	9.325576

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.400581	.2345861	2.457929	23.31354	.9687415	2.432141
Stddev	.654656	.0130526	.005539	1.63056	.0020609	.001434
%RSD	6.963998	5.564085	.2253609	6.994028	.2127438	.0589771

#1	8.644650	.2195185	2.452090	21.43108	.9679317	2.431505
#2	9.777497	.2424284	2.458587	24.22387	.9710843	2.431134
#3	9.779596	.2418114	2.463110	24.28568	.9672085	2.433783

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.128637	4.650850	2.338146	22.92676	2.407811	1.246555
Stddev	.080307	.348827	.162876	1.57995	.002684	.003618
%RSD	7.115381	7.500290	6.966015	6.891272	.1114658	.2902351

#1	1.035914	4.248061	2.150109	21.10285	2.409337	1.242614
#2	1.173994	4.851039	2.428996	23.80356	2.404712	1.249726
#3	1.176003	4.853449	2.435332	23.87386	2.409384	1.247325

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.04728	2.265245	2.419731	F 22.32338	5.079574	4.670123
Stddev	1.22619	.167438	.005134	1.62593	.027903	.264179
%RSD	5.320338	7.391588	.2121743	7.283514	.5493228	5.656787

#1	21.67076	2.071921	2.421676	20.44594	5.084146	4.366578
#2	23.44838	2.364085	2.413908	23.26976	5.049668	4.848083
#3	24.02269	2.359729	2.423608	23.25445	5.104909	4.795708

Sample Name: CCV13 Acquired: 08/22/2019 20:43:20 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	4.827246	4.903409	4.561101	4.870819	4.538728	4.677206
Stddev	.009644	.023568	.268285	.010003	.325793	.320006
%RSD	.1997881	.4806450	5.882021	.2053591	7.178074	6.841812
#1	4.825410	4.886441	4.251721	4.862094	4.162536	4.307700
#2	4.818653	4.893467	4.729565	4.868626	4.727749	4.860317
#3	4.837677	4.930319	4.702018	4.881736	4.725901	4.863600

Elem	Sr4077
Units	ppm
Avg	4.518820
Stddev	.300077
%RSD	6.640597
#1	4.172387
#2	4.697884
#3	4.686189

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1442.994	2339.031	30301.87	5273.312	2528.759
Stddev	5.545	2.237	39.97	292.696	2.546
%RSD	.3842404	.0956284	.1319188	5.550513	.1006872
#1	1441.675	2340.808	30306.68	5610.715	2531.693
#2	1449.079	2339.765	30259.71	5087.583	2527.460
#3	1438.228	2336.519	30339.22	5121.636	2527.125

Sample Name: CCB13 Acquired: 08/22/2019 20:47:00 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	-.000221	.0015873	.0003078	.0007775	.0014108	-.003530
Stddev	.001613	.0013553	.0001078	.0022376	.0017999	.001473
%RSD	729.9562	85.38094	35.01740	287.7920	127.5860	41.71206

#1	.001325	.0019896	.0001853	-.000121	.0015037	-.004758
#2	-.000096	.0000765	.0003497	.003325	.0031624	-.001898
#3	-.001892	.0026959	.0003883	-.000871	-.000434	-.003936

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007789	.0000382	.0000434	.0026183	-.000098	-.000058
Stddev	.0004497	.0000749	.0000177	.0034341	.000287	.000238
%RSD	57.73512	195.9922	40.78628	131.1579	291.2827	408.8840

#1	.0010131	.0000328	.0000625	.0059691	-.000399	.000216
#2	.0010631	.0001157	.0000402	-.000894	.000171	-.000210
#3	.0002604	-.000034	.0000275	.002779	-.000067	-.000180

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001520	-.005381	.0005104	-.003825	.0003961	-.000080
Stddev	.002538	.003055	.0006037	.029604	.0003693	.000389
%RSD	167.0027	56.77830	118.2866	774.0148	93.23972	488.6683

#1	.001378	-.002070	.0000965	-.015627	.0002940	.000226
#2	-.003347	-.008091	.0002315	.029860	.0000885	.000053
#3	-.002589	-.005983	.0012031	-.025707	.0008056	-.000518

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2005218	.0012289	-.000512	-.138380	.0007563	.0036404
Stddev	.2038603	.0032885	.000142	.010345	.0020345	.0004749
%RSD	101.6649	267.5989	27.76738	7.476000	269.0028	13.04393

#1	.1296144	.0024629	-.000495	-.149312	.0027536	.0032624
#2	.4303673	.0037218	-.000379	-.137085	-.001313	.0034853
#3	.0415838	-.002498	-.000661	-.128743	.000829	.0041734

Sample Name: CCB13 Acquired: 08/22/2019 20:47:00 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	.0004335	F -.015115	-.000524	-.001624	.0006467	.0007763
Stddev	.0006856	.004394	.000262	.001078	.0008122	.0008777
%RSD	158.1512	29.07071	50.03887	66.37681	125.5846	113.0654

#1	.0011696	-.018720	-.000432	-.000430	.0015763	-.000212
#2	-.000187	-.016405	-.000320	-.002525	.0002899	.001466
#3	.000318	-.010220	-.000819	-.001917	.0000740	.001074

Elem	Sr4077
Units	ppm
Avg	.0002747
Stddev	.0001807
%RSD	65.78578

#1	.0004779
#2	.0002140
#3	.0001321

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1452.744	2344.894	30288.40	5178.816	2458.037
Stddev	11.982	3.426	156.54	24.833	5.498
%RSD	.8247985	.1460929	.5168214	.4795132	.2236657

#1	1439.641	2348.299	30109.48	5155.006	2460.290
#2	1455.450	2341.448	30355.57	5204.559	2451.770
#3	1463.142	2344.934	30400.14	5176.884	2462.050

Sample Name: K4388-30 Acquired: 08/22/2019 20:58:36 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T4-D-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001575	-.014686	.0483577	.0144423	.0042199	.1303896	.1517902
Stddev	.001124	.001781	.0015333	.0014797	.0028643	.0081266	.0013780
%RSD	71.38928	12.12645	3.170665	10.24535	67.87646	6.232560	.9078441

#1	-.001989	-.016697	.0494640	.0156471	.0010223	.1275582	.1505570
#2	-.002433	-.014049	.0466075	.0148891	.0050867	.1395532	.1515360
#3	-.000302	-.013310	.0490015	.0127907	.0065507	.1240575	.1532776

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000331	.0031139	25.35807	.0008861	.0030860	.3750700	.0437345
Stddev	.000029	.0001109	.36888	.0002202	.0000900	.0071225	.0098048
%RSD	8.849367	3.560898	1.454703	24.84376	2.917236	1.898985	22.41887

#1	-.000298	.0030826	24.98645	.0009043	.0030453	.3676316	.0335578
#2	-.000341	.0030221	25.36362	.0006575	.0030235	.3757506	.0531194
#3	-.000355	.0032371	25.72416	.0010967	.0031892	.3818278	.0445264

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1858416	7.362567	.0073359	-.000122	266.8799	-.000656	.7791989
Stddev	.0017710	.152482	.0006212	.000307	4.3131	.003187	.0008407
%RSD	.9529458	2.071039	8.467907	250.5349	1.616120	485.5545	.1078878

#1	.1843323	7.231535	.0066220	.000208	262.5045	-.003750	.7789311
#2	.1854013	7.326231	.0076321	-.000399	267.0075	-.000835	.7801409
#3	.1877912	7.529934	.0077535	-.000176	271.1278	.002616	.7785248

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4177570	.0162851	.0135778	.0008768	.2305080	.7464808	-.000728
Stddev	.0606800	.0017176	.0010981	.0000497	.0058057	.0040954	.002018
%RSD	14.52519	10.54708	8.087655	5.669879	2.518647	.5486290	277.1610

#1	.4411863	.0182659	.0141971	.0008994	.2325020	.7510255	-.001274
#2	.3488552	.0153807	.0142263	.0009111	.2350539	.7430764	.001506
#3	.4632294	.0152087	.0123099	.0008198	.2239681	.7453405	-.002417

Sample Name: K4388-30 Acquired: 08/22/2019 20:58:36 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T4-D-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009530	.0043637	.0575910
Stddev	.0010736	.0007331	.0007745
%RSD	112.6564	16.79930	1.344830

#1	-.000150	.0035564	.0569186
#2	.001994	.0045469	.0574165
#3	.001015	.0049878	.0584379

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1336.883	2177.508	28620.21	4845.636	2402.282
Stddev	6.905	6.167	120.66	29.351	1.031
%RSD	.5164650	.2832248	.4215772	.6057240	.0429359

#1	1339.612	2170.388	28670.72	4818.486	2401.866
#2	1329.031	2180.947	28482.51	4876.779	2403.457
#3	1342.006	2181.189	28707.40	4841.642	2401.524

Sample Name: K4388-27 Acquired: 08/22/2019 20:54:46 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T4-C-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001838	-.014198	.0198762	.0140570	.0047067	.0808986	.1858277
Stddev	.0018593	.001985	.0024649	.0020852	.0005814	.0071488	.0007776
%RSD	1011.640	13.98203	12.40114	14.83426	12.35176	8.836720	.4184557

#1	.0009942	-.014139	.0215388	.0126902	.0042054	.0843576	.1853022
#2	.0015004	-.016213	.0210454	.0164571	.0053440	.0726782	.1867209
#3	-.001943	-.012243	.0170443	.0130237	.0045707	.0856599	.1854599

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000276	.0090282	45.27943	.0001459	.0022864	.1603856	.0023449
Stddev	.000062	.0001167	.30628	.0002812	.0004040	.0028111	.0014387
%RSD	22.51298	1.292995	.6764142	192.7321	17.66887	1.752700	61.35415

#1	-.000252	.0091138	44.94355	-.000178	.0027385	.1626502	.0013323
#2	-.000347	.0090755	45.54325	.000329	.0019609	.1612672	.0039917
#3	-.000230	.0088952	45.35149	.000286	.0021598	.1572393	.0017106

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2959325	4.089151	.0083091	-.000196	318.6286	-.001220	.5392636
Stddev	.0008678	.051355	.0006166	.000262	2.8436	.001339	.0013871
%RSD	.2932515	1.255886	7.420814	133.7180	.8924380	109.7272	.2572273

#1	.2953078	4.030043	.0087928	-.000477	316.3001	-.001804	.5399770
#2	.2969234	4.114584	.0085196	.000040	321.7977	.000311	.5376649
#3	.2955663	4.122827	.0076148	-.000150	317.7879	-.002169	.5401488

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8298780	.0554478	.0120063	.0010356	.3566710	.7735414	-.001591
Stddev	.0609346	.0011123	.0005510	.0005246	.0055877	.0041369	.001047
%RSD	7.342595	2.005967	4.589225	50.65263	1.566611	.5347993	65.79998

#1	.8087084	.0560953	.0114511	.0007918	.3576633	.7744070	-.002295
#2	.8985740	.0560847	.0125530	.0006773	.3506538	.7771771	-.002091
#3	.7823517	.0541635	.0120146	.0016377	.3616961	.7690402	-.000388

Sample Name: K4388-27 Acquired: 08/22/2019 20:54:46 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T4-C-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008913	.0031816	.1702186
Stddev	.0006244	.0003668	.0020944
%RSD	70.05688	11.52967	1.230413

#1	.0008190	.0034165	.1691861
#2	.0003062	.0027589	.1726287
#3	.0015487	.0033695	.1688409

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1318.624	2182.595	28143.88	4853.546	2414.386
Stddev	10.150	11.116	220.14	30.793	13.968
%RSD	.7697158	.5092874	.7821820	.6344436	.5785153

#1	1310.831	2170.823	28270.02	4834.796	2399.782
#2	1314.940	2192.910	27889.69	4836.758	2427.615
#3	1330.101	2184.052	28271.93	4889.085	2415.762

Sample Name: K4388-33 Acquired: 08/22/2019 21:02:27 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T4-E-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001848	-.014582	.0415600	.0133871	.0057504	.0859783	.2643160
Stddev	.001129	.004365	.0003601	.0015032	.0005548	.0085610	.0024969
%RSD	61.11378	29.93119	.8663896	11.22876	9.648631	9.957147	.9446522

#1	-.002717	-.009779	.0418487	.0116665	.0057116	.0905748	.2614341
#2	-.002256	-.018306	.0416748	.0144455	.0052161	.0912593	.2656824
#3	-.000571	-.015662	.0411565	.0140492	.0063237	.0761008	.2658314

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000354	.0167541	65.15545	.0003932	.0023073	.2313660	.0154267
Stddev	.000085	.0001154	.71439	.0000503	.0004756	.0022783	.0051453
%RSD	23.85947	.6890041	1.096439	12.78895	20.61134	.9847206	33.35320

#1	-.000441	.0166257	64.33357	.0003355	.0017603	.2292642	.0139016
#2	-.000272	.0167873	65.50520	.0004169	.0025384	.2337871	.0211622
#3	-.000351	.0168493	65.62757	.0004273	.0026231	.2310466	.0112164

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4235358	9.715968	.0106591	-.000306	321.3950	-.000166	.8695642
Stddev	.0053243	.121304	.0005082	.000019	4.5917	.003615	.0028337
%RSD	1.257112	1.248505	4.768100	6.219301	1.428673	2173.085	.3258784

#1	.4177097	9.575900	.0110518	-.000301	316.2394	.003291	.8716007
#2	.4281490	9.785330	.0100850	-.000328	325.0444	.000131	.8707640
#3	.4247489	9.786674	.0108404	-.000290	322.9012	-.003921	.8663280

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.242760	.0165068	.0122282	.0004307	.3940384	1.284977	-.000376
Stddev	.052626	.0012989	.0000850	.0003508	.0041052	.009190	.001529
%RSD	4.234604	7.868834	.6951878	81.45212	1.041822	.7151876	407.1012

#1	1.209464	.0179689	.0122810	.0000827	.3985667	1.282190	.000032
#2	1.303431	.0160656	.0122735	.0007842	.3929882	1.295238	.000908
#3	1.215385	.0154860	.0121301	.0004251	.3905604	1.277503	-.002067

Sample Name: K4388-33 Acquired: 08/22/2019 21:02:27 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T4-E-(0-2) Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001225	.0072825	.2273124
Stddev	.0004508	.0010132	.0036185
%RSD	368.1508	13.91242	1.591867

#1	-.000378	.0061685	.2240264
#2	.000248	.0075301	.2311904
#3	.000497	.0081490	.2267205

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1321.490	2173.828	28271.85	4819.334	2405.763
Stddev	8.385	6.368	165.44	29.099	4.289
%RSD	.6344769	.2929451	.5851732	.6037873	.1782793

#1	1312.243	2167.990	28082.14	4814.986	2400.974
#2	1323.629	2172.876	28386.16	4792.654	2407.066
#3	1328.598	2180.619	28347.25	4850.362	2409.250

Sample Name: K4388-36 Acquired: 08/22/2019 21:06:17 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T6-E1-E2-(0- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000162	-.014009	.0331521	.0130922	.0039685	.0598812	.2061432
Stddev	.002742	.002030	.0017733	.0003669	.0005523	.0098236	.0003152
%RSD	1692.944	14.49356	5.349052	2.802097	13.91718	16.40511	.1529219

#1	.002927	-.012463	.0315918	.0127485	.0043490	.0538784	.2057861
#2	-.002311	-.016309	.0350806	.0130495	.0033350	.0545474	.2063829
#3	-.001102	-.013256	.0327838	.0134785	.0042215	.0712180	.2062607

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000343	.0059862	45.91051	.0004992	.0018361	.2302637	.0169919
Stddev	.000069	.0001088	.19247	.0004131	.0000706	.0029147	.0113277
%RSD	20.11664	1.818091	.4192207	82.75048	3.844735	1.265791	66.66532

#1	-.000266	.0059809	45.69953	.0002182	.0017951	.2334540	.0041419
#2	-.000363	.0060976	45.95553	.0009735	.0019176	.2277403	.0213013
#3	-.000399	.0058801	46.07648	.0003059	.0017955	.2295970	.0255325

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2506187	15.05782	.0064151	-.000360	257.4955	.0010913	.4730023
Stddev	.0008645	.07720	.0006075	.000186	.9847	.0035630	.0031255
%RSD	.3449335	.5127163	9.469080	51.67575	.3824228	326.4874	.6607817

#1	.2499436	14.96951	.0071137	-.000365	257.3999	-.003006	.4696320
#2	.2503194	15.11250	.0061206	-.000172	258.5245	.002816	.4758054
#3	.2515930	15.09146	.0060110	-.000544	256.5621	.003464	.4735695

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6001781	.0359757	.0105716	.0008884	.2160841	.6309873	-.002204
Stddev	.0143190	.0006341	.0004299	.0001819	.0040217	.0035760	.001531
%RSD	2.385791	1.762628	4.066562	20.46845	1.861187	.5667239	69.46911

#1	.5902622	.0364649	.0103354	.0008439	.2200779	.6315816	-.000603
#2	.6165942	.0362029	.0110679	.0007330	.2120350	.6342289	-.003654
#3	.5936778	.0352592	.0103116	.0010884	.2161395	.6271514	-.002355

Sample Name: K4388-36 Acquired: 08/22/2019 21:06:17 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T6-E1-E2-(0- Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003291	.0021588	.0832355
Stddev	.0008333	.0002168	.0004034
%RSD	253.2361	10.04033	.4846904

#1	.0008789	.0021279	.0836455
#2	.0007379	.0023894	.0832220
#3	-.000630	.0019592	.0828390

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1332.839	2183.304	28552.12	4835.164	2411.201
Stddev	6.702	7.366	95.10	32.019	7.923
%RSD	.5028512	.3373711	.3330683	.6622045	.3286074

#1	1325.429	2180.545	28446.54	4798.649	2409.783
#2	1338.478	2177.715	28631.03	4848.407	2404.083
#3	1334.611	2191.650	28578.80	4858.437	2419.738

Sample Name: K4389-12 Acquired: 08/22/2019 21:10:09 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T4-F(0-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003605	-.013679	.0390167	.0144061	.0028914	.0945860	.1284080
Stddev	.003040	.002781	.0006081	.0020961	.0012031	.0023690	.0006883
%RSD	84.31952	20.33016	1.558579	14.54995	41.60921	2.504601	.5359909

#1	-.000427	-.010499	.0394666	.0145617	.0024776	.0926141	.1280355
#2	-.003904	-.014879	.0383248	.0164201	.0042469	.0939301	.1279863
#3	-.006484	-.015658	.0392586	.0122366	.0019499	.0972139	.1292022

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000336	.0168012	28.19423	-.000465	.0032440	.0774036	.0446043
Stddev	.000048	.0001552	.31978	.000172	.0003600	.0035470	.0050837
%RSD	14.22608	.9237873	1.134218	37.06792	11.09777	4.582423	11.39741

#1	-.000294	.0166653	27.82502	-.000267	.0033738	.0739974	.0494352
#2	-.000325	.0167681	28.37407	-.000581	.0028370	.0810763	.0393008
#3	-.000388	.0169703	28.38360	-.000546	.0035211	.0771371	.0450770

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2853603	12.59874	.0097096	.0000519	326.5718	.0000887	.8285712
Stddev	.0027088	.17297	.0001021	.0002957	4.8182	.0027823	.0007647
%RSD	.9492712	1.372907	1.051457	569.5656	1.475378	3136.209	.0922878

#1	.2823165	12.39901	.0096342	.0003924	321.1618	-.003099	.8294510
#2	.2862581	12.69958	.0096688	-.000096	330.4008	.002028	.8281952
#3	.2875062	12.69762	.0098258	-.000140	328.1530	.001337	.8280673

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5995028	.0485688	.0052926	.0010106	.1464373	.4894887	-.001160
Stddev	.0681138	.0026337	.0002422	.0003355	.0041564	.0025970	.001084
%RSD	11.36172	5.422536	4.575594	33.20200	2.838352	.5305490	93.43399

#1	.5574988	.0457940	.0053709	.0008612	.1426469	.4875689	.000067
#2	.5629179	.0488784	.0054859	.0013949	.1457828	.4924436	-.001989
#3	.6780916	.0510340	.0050209	.0007757	.1508821	.4884536	-.001559

Sample Name: K4389-12 Acquired: 08/22/2019 21:10:09 Type: Unk
 Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: T4-F(0-2) Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004717	.0017430	.0758354
Stddev	.0010295	.0014658	.0012531
%RSD	218.2383	84.09378	1.652360

#1	-.000712	.0008709	.0745372
#2	.000971	.0009229	.0770379
#3	.001156	.0034353	.0759309

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1333.557	2183.235	28461.03	4847.199	2405.951
Stddev	1.758	4.868	48.79	24.495	4.825
%RSD	.1318175	.2229798	.1714353	.5053527	.2005652

#1	1333.814	2179.723	28459.97	4862.697	2402.205
#2	1331.684	2181.191	28412.78	4818.959	2411.397
#3	1335.171	2188.792	28510.34	4859.941	2404.252

Sample Name: CCV14 Acquired: 08/22/2019 21:14:01 Type: Unk
Method: NON EPA-6010-200.7(v146) 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	4.836125	4.798695	4.878367	4.904491	4.772920	9.147393	9.619327
Stddev	.012763	.002750	.001165	.011512	.011350	.119683	.106485
%RSD	.2639016	.0573117	.0238877	.2347170	.2377990	1.308382	1.106987

#1	4.825812	4.795683	4.877858	4.908250	4.766747	9.019295	9.518882
#2	4.832164	4.801072	4.879700	4.891570	4.765994	9.166531	9.608133
#3	4.850398	4.799329	4.877542	4.913653	4.786018	9.256354	9.730967

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2400364	2.473802	24.00996	.9609868	2.440722	1.159289	4.757733
Stddev	.0018180	.004042	.32312	.0015211	.001267	.013337	.063632
%RSD	.7573629	.1634052	1.345760	.1582857	.0518973	1.150483	1.337447

#1	.2401142	2.471713	23.71586	.9593871	2.440260	1.147243	4.705858
#2	.2381808	2.478461	23.95818	.9611586	2.442155	1.157003	4.738607
#3	.2418142	2.471230	24.35584	.9624147	2.439751	1.173622	4.828735

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.409417	23.66139	2.400835	1.246381	23.56902	2.313841	2.437385
Stddev	.027392	.32370	.003719	.008226	.40514	.033480	.002039
%RSD	1.136864	1.368049	.1549142	.6600181	1.718960	1.446929	.0836709

#1	2.383572	23.37150	2.398480	1.240745	23.10409	2.279257	2.436033
#2	2.406549	23.60200	2.398901	1.255821	23.75655	2.316171	2.436391
#3	2.438130	24.01067	2.405122	1.242577	23.84642	2.346094	2.439730

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.70250	5.079041	4.788115	4.821554	4.916161	4.651352	4.876457
Stddev	.33325	.020030	.014651	.010797	.004448	.030063	.007633
%RSD	1.467882	.3943667	.3059831	.2239217	.0904742	.6463269	.1565222

#1	22.40084	5.055999	4.794559	4.814736	4.915712	4.644282	4.868625
#2	22.64643	5.088830	4.771346	4.815924	4.911955	4.625453	4.876872
#3	23.06022	5.092294	4.798439	4.834002	4.920817	4.684319	4.883873

Sample Name: CCV14 Acquired: 08/22/2019 21:14:01 Type: Unk
 Method: NON EPA-6010-200.7(v146) 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	4.664853	4.810754	4.614141
Stddev	.049846	.049795	.094725
%RSD	1.068547	1.035086	2.052929

#1	4.611881	4.766201	4.576059
#2	4.671841	4.801551	4.544384
#3	4.710836	4.864508	4.721980

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1438.453	2334.940	30303.48	5148.605	2520.262
Stddev	5.979	2.407	96.35	40.288	4.221
%RSD	.4156740	.1030923	.3179482	.7825106	.1674813

#1	1438.972	2337.621	30347.62	5138.587	2521.765
#2	1444.156	2332.965	30192.96	5192.958	2515.495
#3	1432.231	2334.235	30369.85	5114.271	2523.525

Sample Name: CCB14 Acquired: 08/22/2019 21:17:39 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA8496 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011847	.0026112	.0000012	.0004524	.0005481	-.005471
Stddev	.0013312	.0010586	.0010544	.0020355	.0016838	.009432
%RSD	112.3647	40.53951	86110.01	449.8970	307.1740	172.4024

#1	.0016885	.0030741	.0006597	.0018767	.0023287	-.009193
#2	.0021905	.0033595	-.001215	.0013595	-.001018	-.012474
#3	-.000325	.0014000	.000559	-.001879	.000334	.005254

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009630	.0000216	.0000950	-.002970	.0001241	-.000389
Stddev	.0005710	.0000476	.0000416	.012699	.0004242	.000218
%RSD	59.29264	220.4310	43.85649	427.5674	341.8278	56.05432

#1	.0016106	.0000028	.0001409	.009243	.0000717	-.000561
#2	.0005320	.0000757	.0000841	-.016104	-.000271	-.000461
#3	.0007464	-.000014	.0000598	-.002049	.000572	-.000144

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002728	-.008126	.0002270	-.014125	.0007385	-.000045
Stddev	.001632	.003485	.0000931	.020316	.0004604	.000084
%RSD	59.81086	42.89078	41.00432	143.8330	62.34501	187.9527

#1	-.001906	-.006375	.0003226	-.034175	.0010356	-.000138
#2	-.004607	-.005864	.0001367	.006447	.0002081	.000022
#3	-.001671	-.012140	.0002216	-.014646	.0009718	-.000017

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4536763	-.001111	-.000360	-.078383	-.001450	.0035633
Stddev	.2630355	.002881	.000139	.089916	.000607	.0006014
%RSD	57.97868	259.2831	38.67005	114.7135	41.83713	16.87766

#1	.1527705	-.000228	-.000512	-.111356	-.000755	.0042537
#2	.5683595	-.004330	-.000239	-.147158	-.001872	.0031537
#3	.6398989	.001225	-.000329	.023365	-.001723	.0032824

Sample Name: CCB14 Acquired: 08/22/2019 21:17:39 Type: Unk
Method: NON EPA-6010-200.7(v146) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA8496 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004507	F -.011883	-.000517	-.001526	.0012429	.0002240
Stddev	.0003000	.003582	.000739	.000668	.0005717	.0002617
%RSD	66.54931	30.14458	142.9454	43.79482	45.99835	116.7989
#1	.0006810	-.013967	.000219	-.001221	.0014815	.0005075
#2	.0001115	-.013935	-.000511	-.002292	.0005906	-.000008
#3	.0005597	-.007747	-.001258	-.001065	.0016568	.000173

Elem	Sr4077
Units	ppm
Avg	.0001866
Stddev	.0001446
%RSD	77.52567
#1	.0003119
#2	.0002196
#3	.0000283

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1450.329	2340.573	30228.44	5110.351	2444.826
Stddev	9.096	3.116	70.94	33.654	3.587
%RSD	.6271548	.1331157	.2346760	.6585422	.1467289
#1	1441.872	2337.818	30150.26	5096.001	2440.825
#2	1459.952	2339.948	30288.71	5148.802	2447.755
#3	1449.164	2343.954	30246.35	5086.252	2445.900