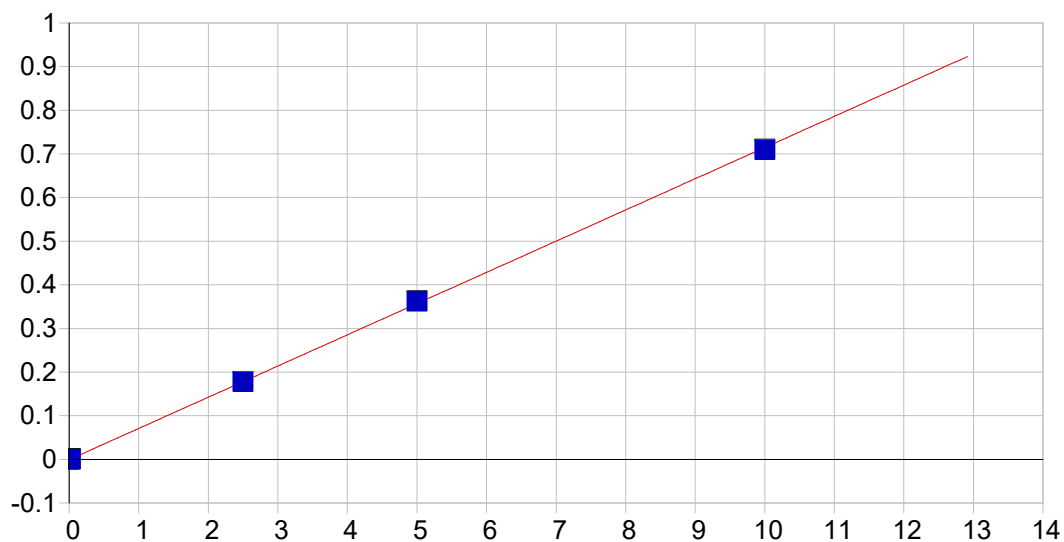


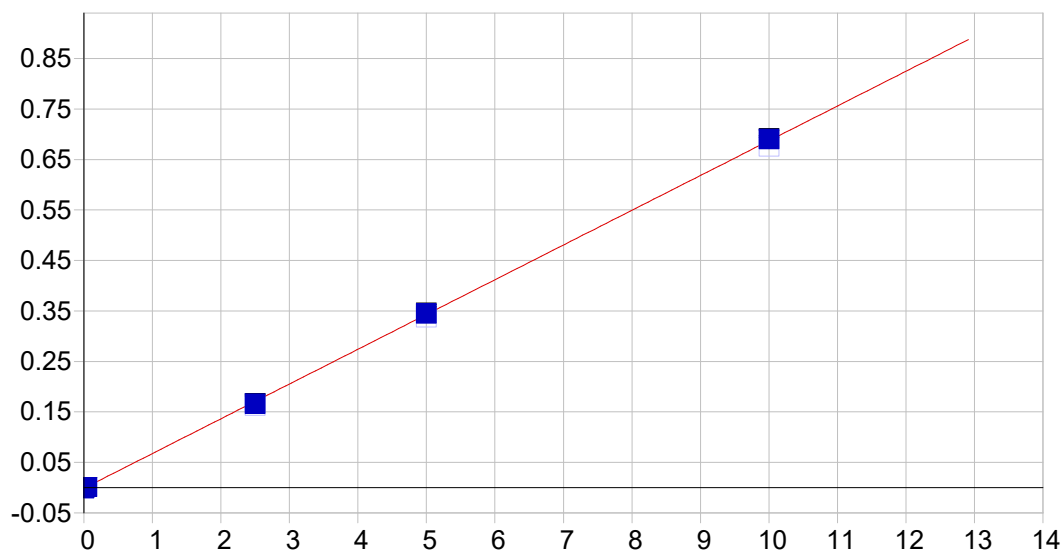


As 189.042 {479}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000670	Re-Slope:	1.000000
A1 (Gain):	0.071522	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999955	Status:	OK.
Std Error of Est:	0.000016		
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	-.00067	.000	1
S1	.02000	.01965	-.000	-1.73	.00076	.000	1
S3	2.5000	2.5006	.001	.024	.17841	.000	1
S4	5.0000	5.0723	.072	1.45	.36257	.001	1
S5	10.000	9.9275	-.073	-.725	.71028	.001	1

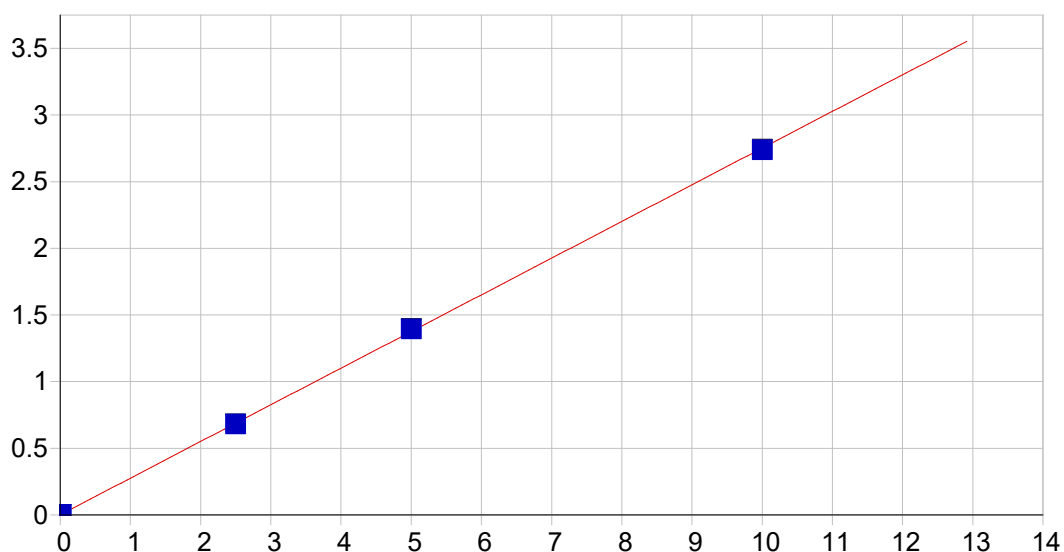


TI 190.856 {477}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001224 Re-Slope: 1.000000
 A1 (Gain): 0.068831 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.003229
 Predicted MQL: 0.010762

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00122	.000	1
S1	.04000	.03966	-.000	-.841	.00139	.000	1
S3	2.5000	2.4329	-.067	-2.68	.16264	.001	1
S4	5.0000	5.0242	.024	.484	.33741	.001	1
S5	10.000	10.043	.043	.432	.67568	.002	1

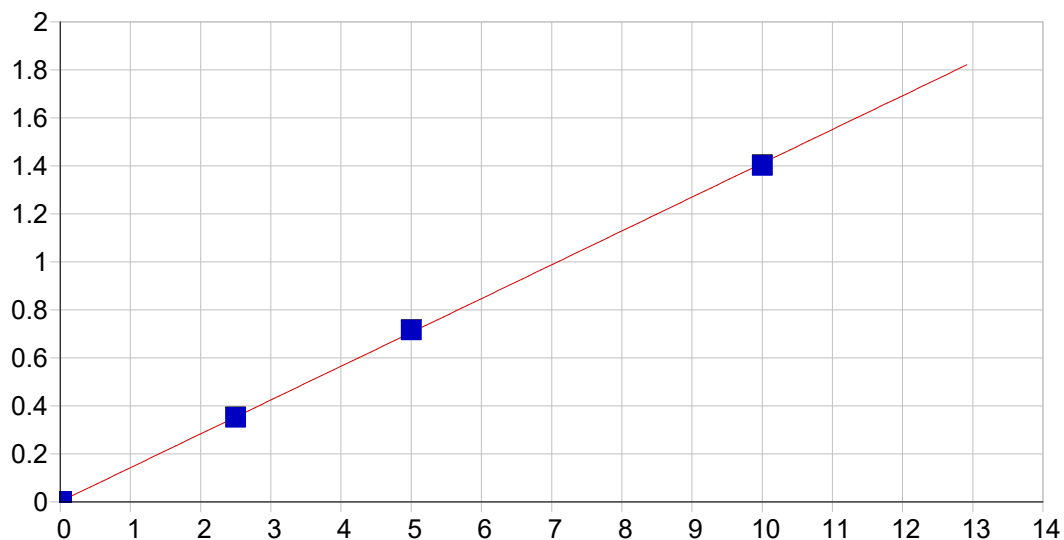


Pb 220.353 {453}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000353 Re-Slope: 1.000000
A1 (Gain): 0.275127 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999958 Status: OK.
Std Error of Est: 0.000047
Predicted MDL: 0.001917
Predicted MQL: 0.006390

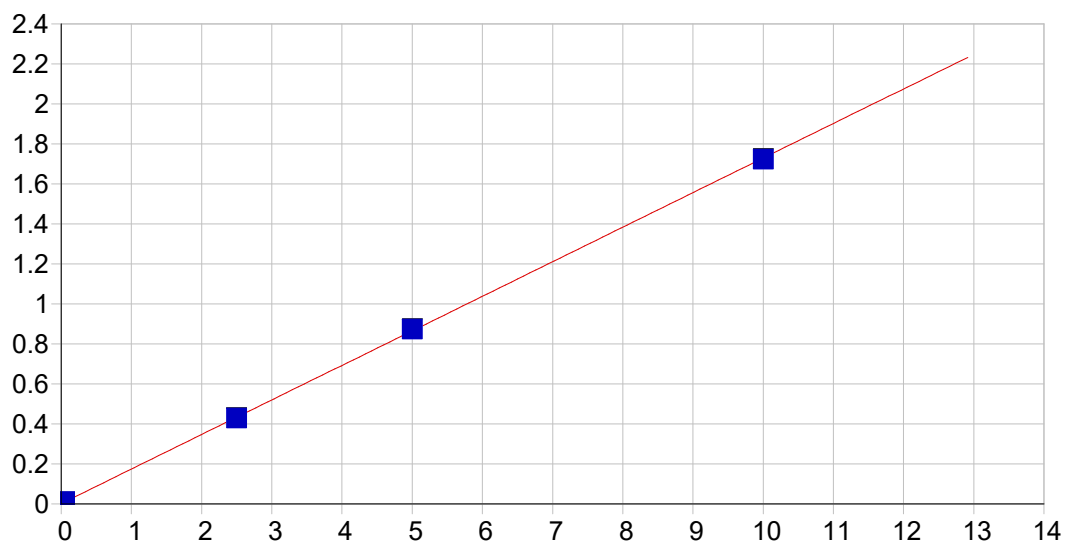
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00035	.000	1
S1	.01200	.01186	-.000	-1.13	.00355	.000	1
S3	2.5000	2.4733	-.027	-1.07	.67988	.000	1
S4	5.0000	5.0704	.070	1.41	1.3935	.002	1
S5	10.000	9.9564	-.044	-.436	2.7358	.005	1


Se 196.090 {472}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001592 Re-Slope: 1.000000
A1 (Gain): 0.140906 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999950 Status: OK.
Std Error of Est: 0.000034
Predicted MDL: 0.002047
Predicted MQL: 0.006824

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00159	.000	1
S1	.02000	.01787	-.002	-10.6	.00411	.000	1
S3	2.5000	2.4900	-.010	-.402	.35242	.000	1
S4	5.0000	5.0742	.074	1.48	.71653	.001	1
S5	10.000	9.9380	-.062	-.620	1.4018	.002	1

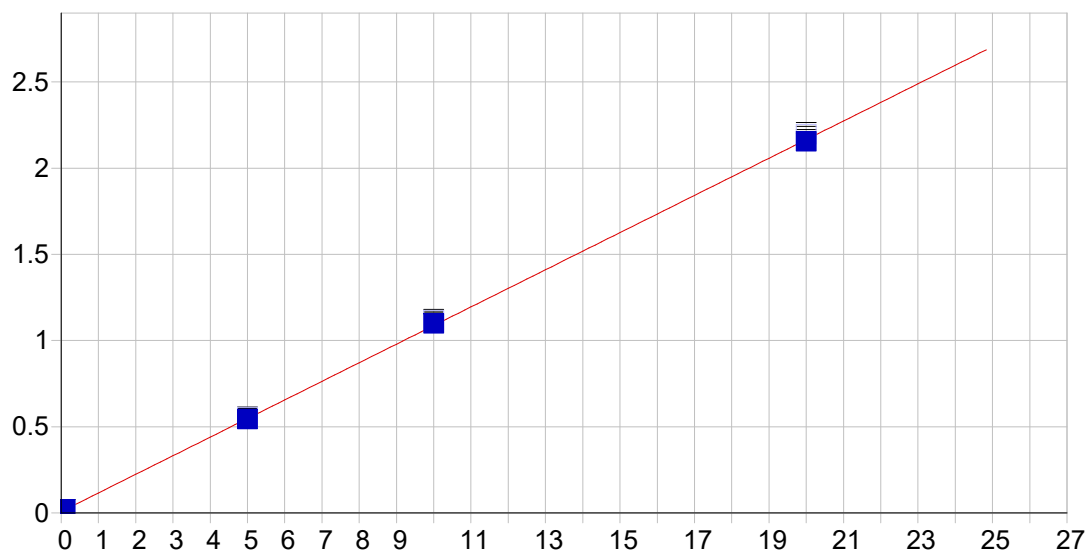


Sb 206.833 {463}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001476 Re-Slope: 1.000000
 A1 (Gain): 0.172770 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.001872
 Predicted MQL: 0.006240

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00148	.000	1
S1	.05000	.05263	.003	5.25	.01054	.000	1
S3	2.5000	2.4775	-.022	-.898	.42948	.001	1
S4	5.0000	5.0504	.050	1.01	.87395	.002	1
S5	10.000	9.9694	-.031	-.306	1.7237	.002	1

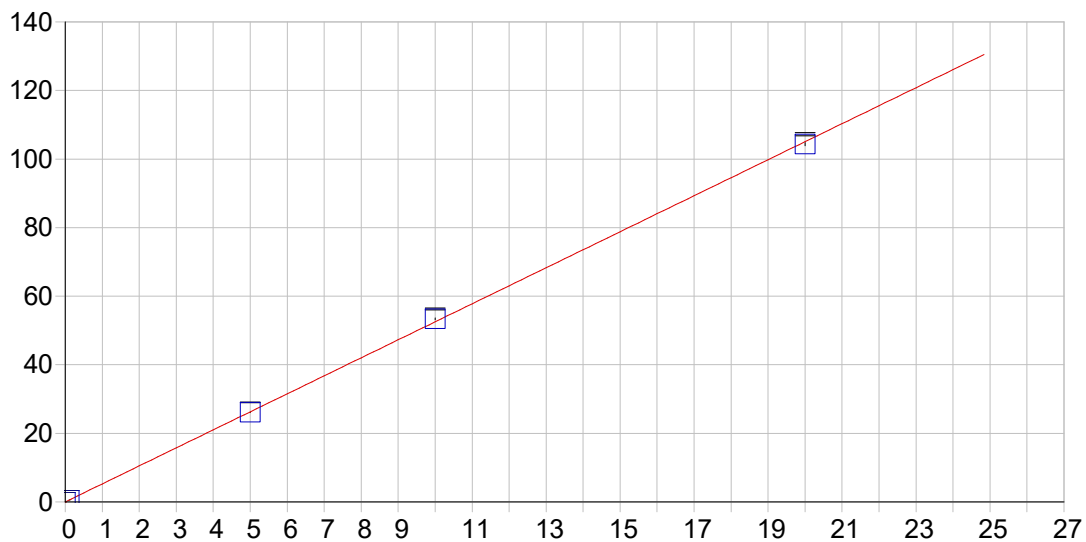


AI 396.152 { 85}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008108 Re-Slope: 1.000000
 A1 (Gain): 0.107885 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000072
 Predicted MDL: 0.011239
 Predicted MQL: 0.037463

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00811	.001	1
S1	.10000	.10994	.010	9.94	.02077	.001	1
S3	5.0000	4.9713	-.029	-.573	.55446	.003	1
S4	10.000	10.106	.106	1.06	1.1184	.005	1
S5	20.000	19.912	-.088	-.438	2.1965	.011	1

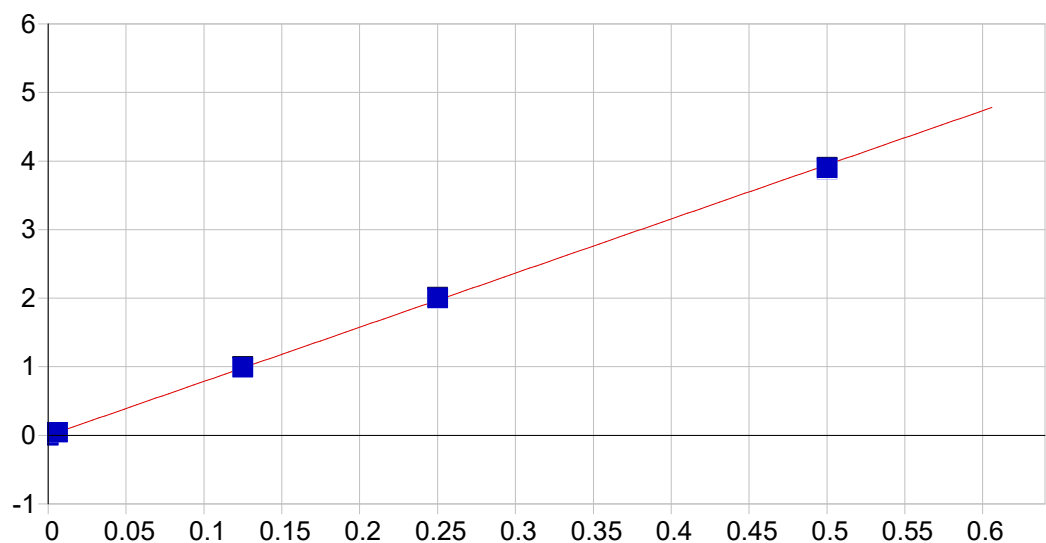


Ba 493.409 { 68}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005271 Re-Slope: 1.000000
 A1 (Gain): 5.252772 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.004109
 Predicted MDL: 0.000539
 Predicted MQL: 0.001796

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00526	.003	1
S1	.10000	.10234	.002	2.34	.54282	.012	1
S3	5.0000	4.9738	-.026	-.523	26.132	.058	1
S4	10.000	10.160	.160	1.60	53.373	.304	1
S5	20.000	19.864	-.136	-.680	104.35	.476	1

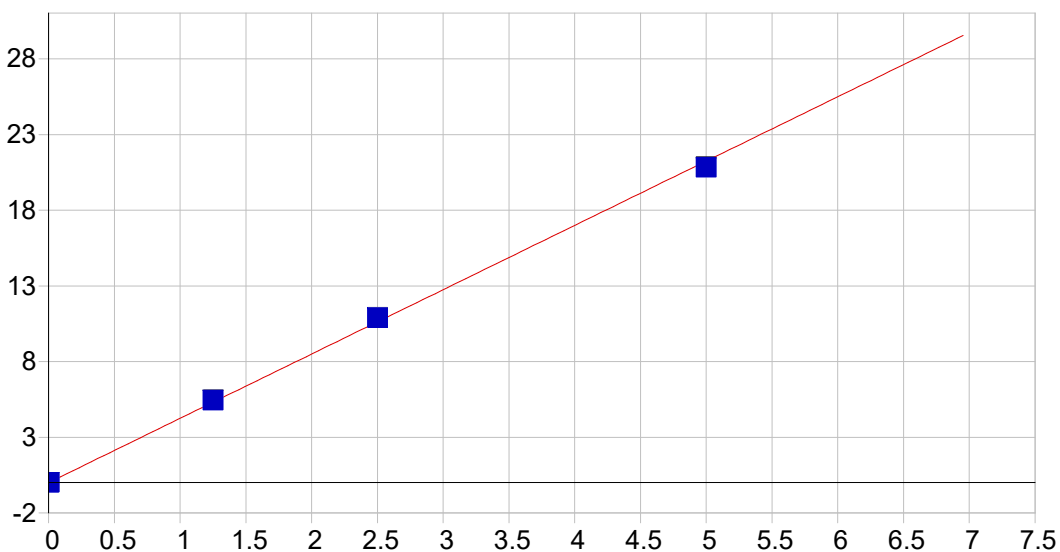


Be 234.861 {144}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003445 Re-Slope: 1.000000
 A1 (Gain): 7.896750 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890 Status: OK.
 Std Error of Est: 0.000346
 Predicted MDL: 0.000068
 Predicted MQL: 0.000226

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00345	.000	1
S1	.00600	.00647	.000	7.81	.04710	.000	1
S3	.12500	.12632	.001	1.06	.98745	.009	1
S4	.25000	.25418	.004	1.67	1.9905	.010	1
S5	.50000	.49403	-.006	-1.19	3.8713	.013	1

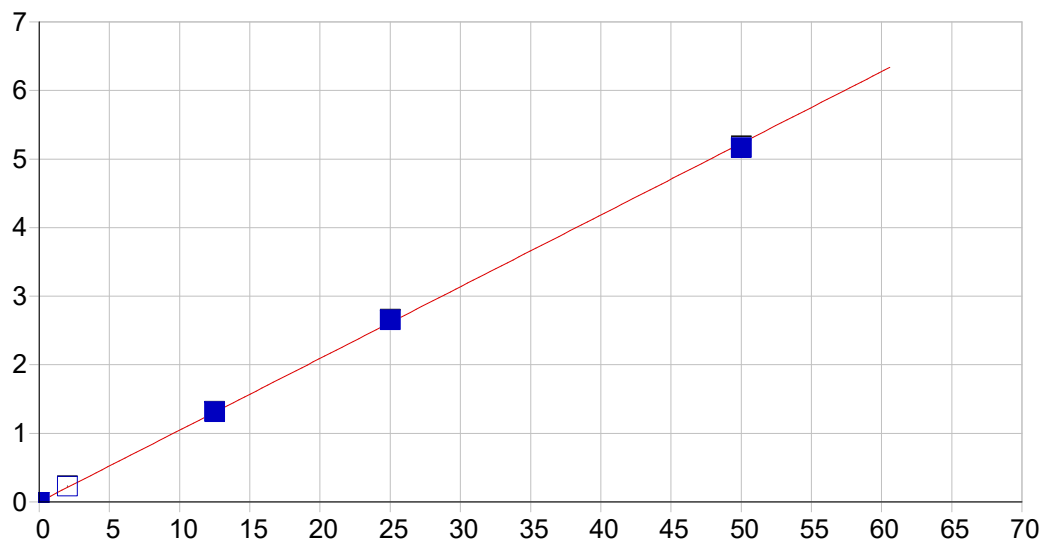


Cd 214.438 {457}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000884 Re-Slope: 1.000000
 A1 (Gain): 4.249737 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999733 Status: OK.
 Std Error of Est: 0.000918
 Predicted MDL: 0.000096
 Predicted MQL: 0.000319

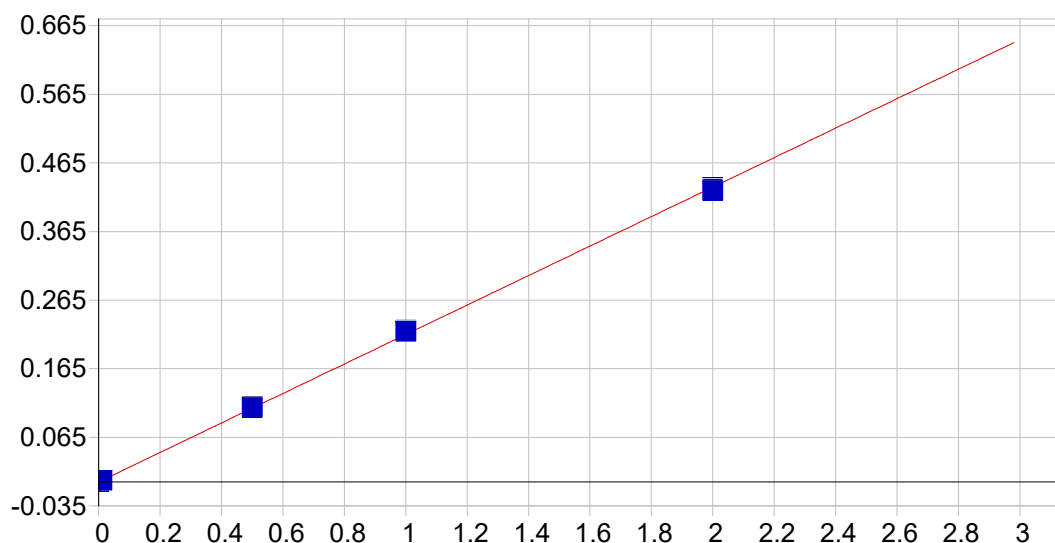
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00089	.000	1
S1	.00600	.00672	.001	12.1	.02771	.000	1
S3	1.2500	1.2834	.033	2.67	5.4534	.004	1
S4	2.5000	2.5654	.065	2.62	10.902	.015	1
S5	5.0000	4.9005	-.099	-1.99	20.826	.040	1

**Ca 373.690 { 90}**

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000815 Re-Slope: 1.000000
 A1 (Gain): 0.104564 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999825 Status: OK.
 Std Error of Est: 0.001068
 Predicted MDL: 0.011351
 Predicted MQL: 0.037837

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00020	-.000	.000	.00079	.000	1
S2	2.0000	2.1893	.189	9.46	.22974	.001	1
S3	12.500	12.559	.059	.470	1.3135	.007	1
S4	25.000	25.370	.370	1.48	2.6526	.009	1
S5	50.000	49.381	-.619	-1.24	5.1622	.027	1

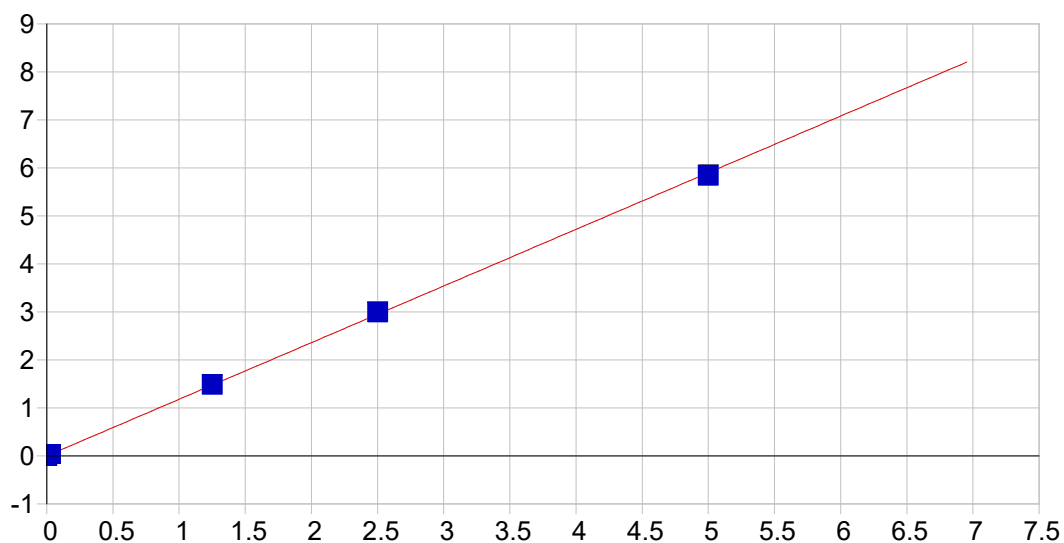


Cr 267.716 {126}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000080 Re-Slope: 1.000000
 A1 (Gain): 0.214907 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.000564
 Predicted MQL: 0.001879

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.01000	.01038	.000	3.79	.00218	.000	1
S3	.50000	.50415	.004	.829	.10902	.001	1
S4	1.0000	1.0198	.020	1.98	.22060	.001	1
S5	2.0000	1.9757	-.024	-1.22	.42753	.002	1

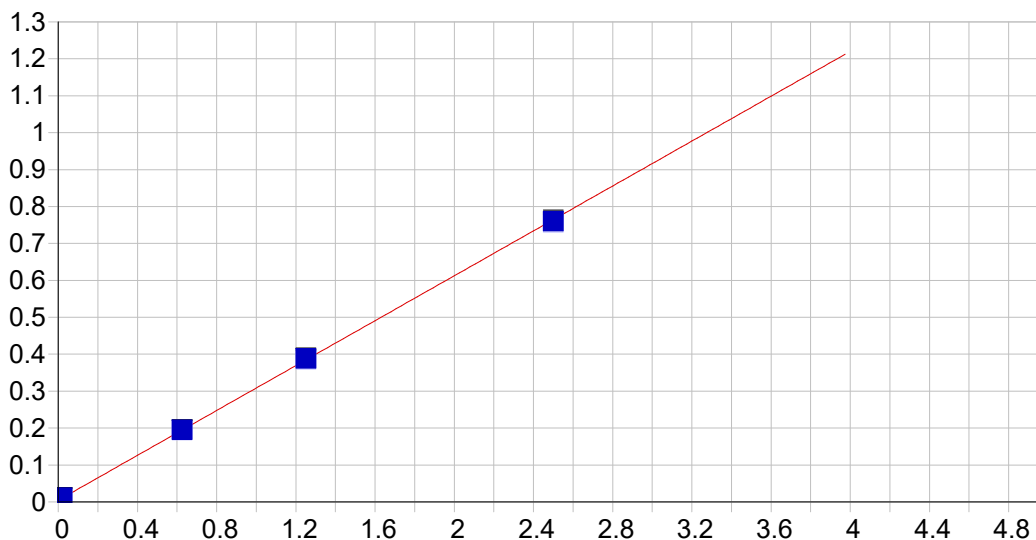


Co 228.616 {448}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000054 Re-Slope: 1.000000
 A1 (Gain): 1.179956 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000299
 Predicted MDL: 0.000324
 Predicted MQL: 0.001081

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.03000	.03206	.002	6.88	.03777	.000	1
S3	1.2500	1.2573	.007	.587	1.4867	.001	1
S4	2.5000	2.5394	.039	1.58	3.0026	.003	1
S5	5.0000	4.9512	-.049	-.976	5.8546	.008	1

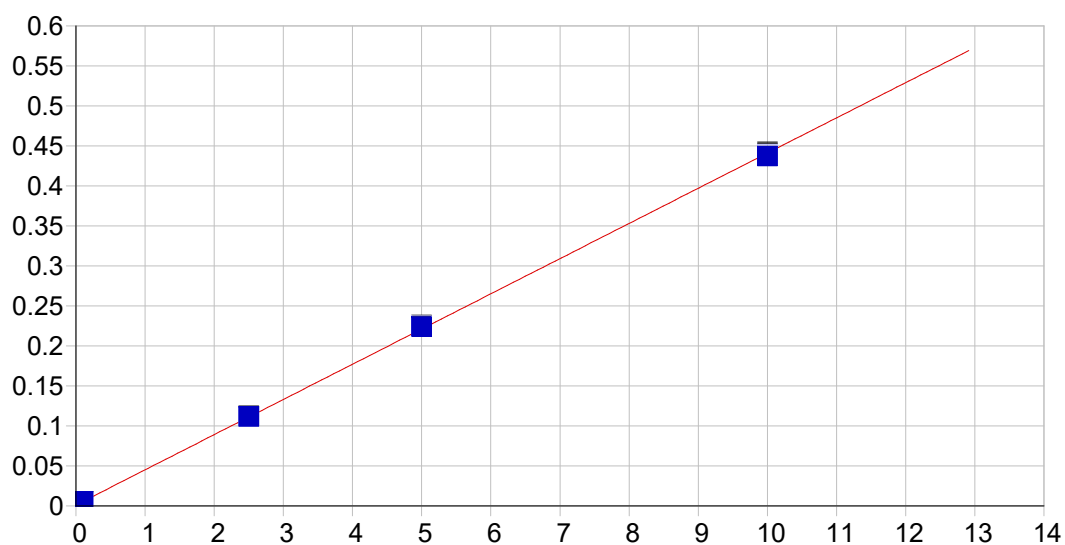


Cu 324.754 {104}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004572 Re-Slope: 1.000000
 A1 (Gain): 0.303958 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.002532
 Predicted MQL: 0.008441

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00457	.001	1
S1	.02000	.02062	.001	3.09	.01083	.000	1
S3	.62500	.62702	.002	.323	.19416	.001	1
S4	1.2500	1.2613	.011	.908	.38598	.002	1
S5	2.5000	2.4860	-.014	-.560	.75623	.003	1

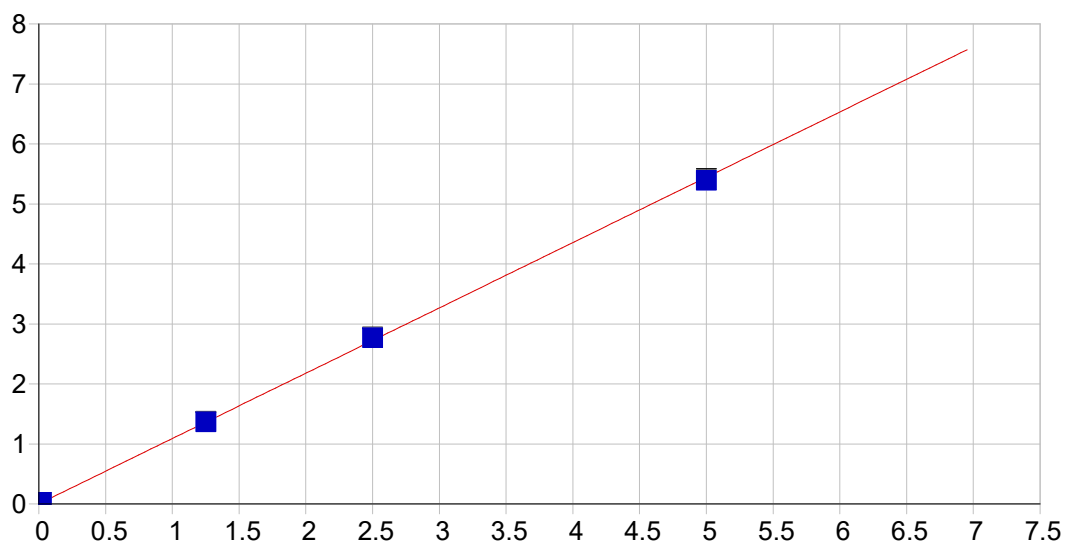


Fe 259.837 {130}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001128 Re-Slope: 1.000000
 A1 (Gain): 0.043992 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.008406
 Predicted MQL: 0.028021

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00113	.000	1
S1	.10000	.10446	.004	4.46	.00574	.000	1
S3	2.5000	2.5125	.012	.499	.11219	.000	1
S4	5.0000	5.0686	.069	1.37	.22518	.001	1
S5	10.000	9.9145	-.085	-.855	.43944	.003	1

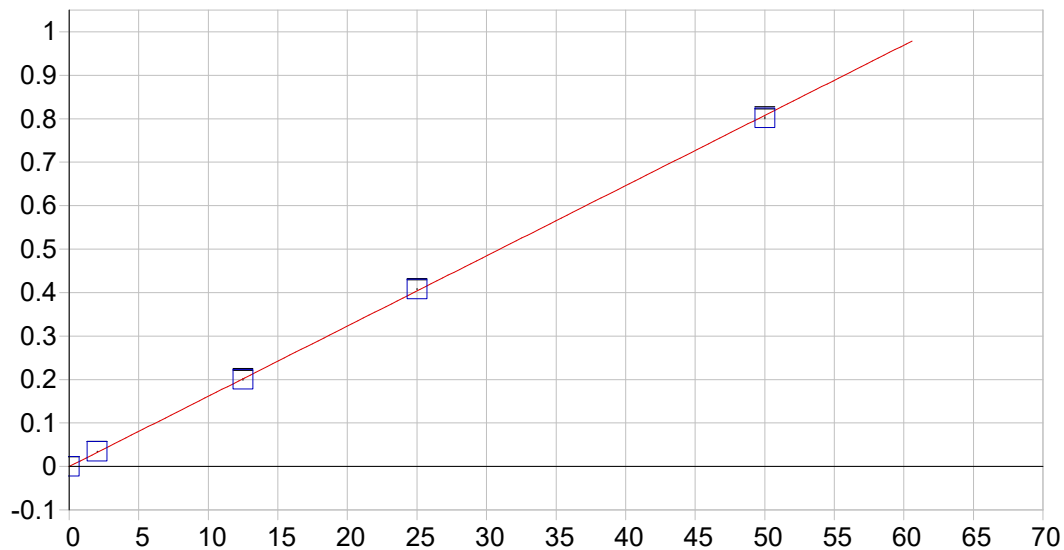


Mn 257.610 {131}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001170 Re-Slope: 1.000000
A1 (Gain): 1.088567 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999917 Status: OK.
Std Error of Est: 0.000240
Predicted MDL: 0.000387
Predicted MQL: 0.001289

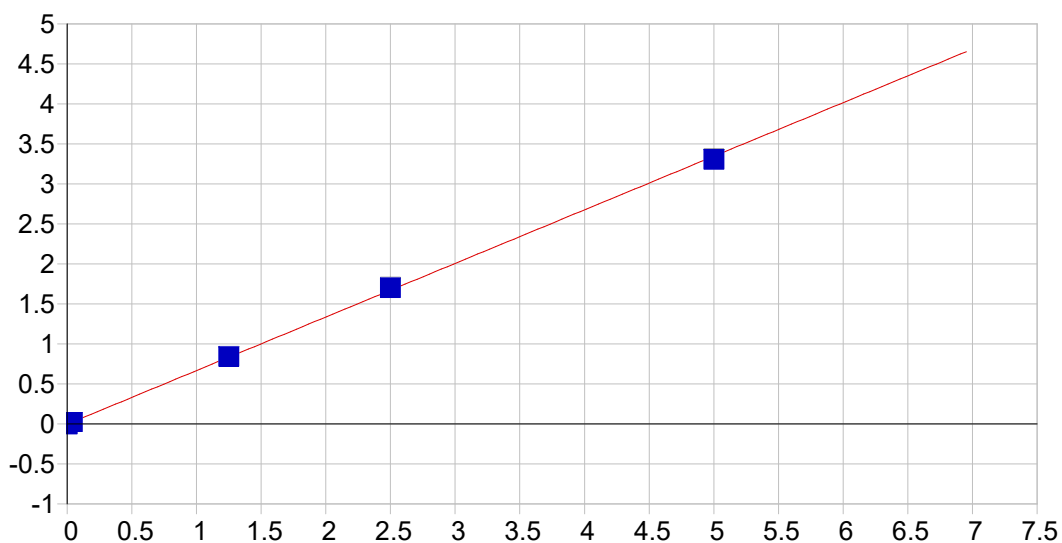
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00117	.000	1
S1	.02000	.02207	.002	10.4	.02520	.001	1
S3	1.2500	1.2550	.005	.400	1.3676	.008	1
S4	2.5000	2.5428	.043	1.71	2.7696	.009	1
S5	5.0000	4.9501	-.050	-.997	5.3907	.030	1

**Mg 279.079 {121}**

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000154 Re-Slope: 1.000000
A1 (Gain): 0.016157 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999900 Status: OK.
Std Error of Est: 0.000125
Predicted MDL: 0.027589
Predicted MQL: 0.091963

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00015	-.000	.000	-.00016	.000	1
S2	2.0000	2.1558	.156	7.79	.03468	.000	1
S3	12.500	12.418	-.082	-.658	.20048	.002	1
S4	25.000	25.267	.267	1.07	.40808	.002	1
S5	50.000	49.659	-.341	-.681	.80218	.003	1

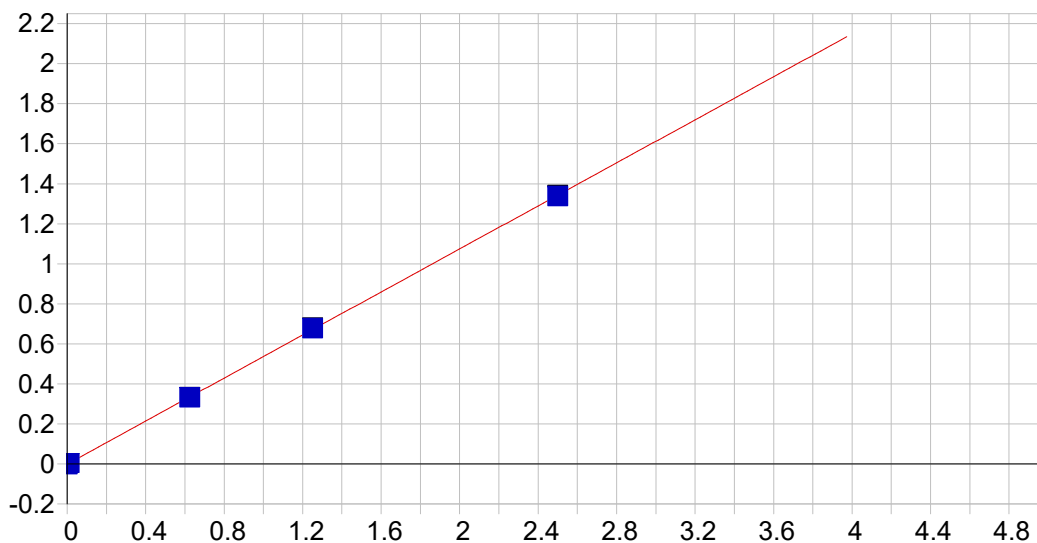


Ni 231.604 {446}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003373 Re-Slope: 1.000000
 A1 (Gain): 0.669780 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999893 Status: OK.
 Std Error of Est: 0.000237
 Predicted MDL: 0.000578
 Predicted MQL: 0.001926

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00338	.000	1
S1	.04000	.04306	.003	7.65	.02549	.000	1
S3	1.2500	1.2614	.011	.910	.84227	.001	1
S4	2.5000	2.5454	.045	1.82	1.7031	.004	1
S5	5.0000	4.9401	-.060	-1.20	3.3086	.001	1

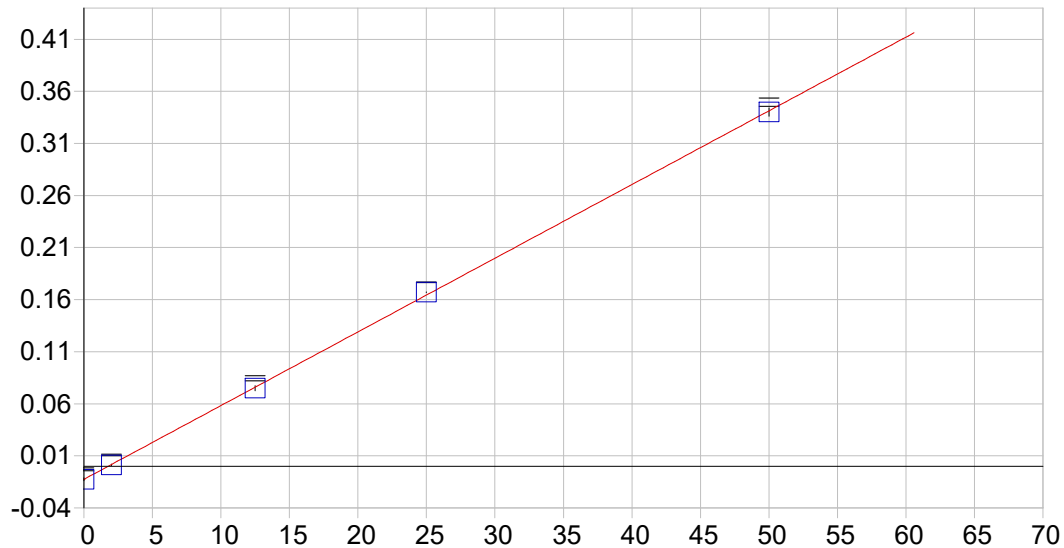


Ag 328.068 {103}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001049 Re-Slope: 1.000000
A1 (Gain): 0.537655 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999972 Status: OK.
Std Error of Est: 0.000034
Predicted MDL: 0.000436
Predicted MQL: 0.001454

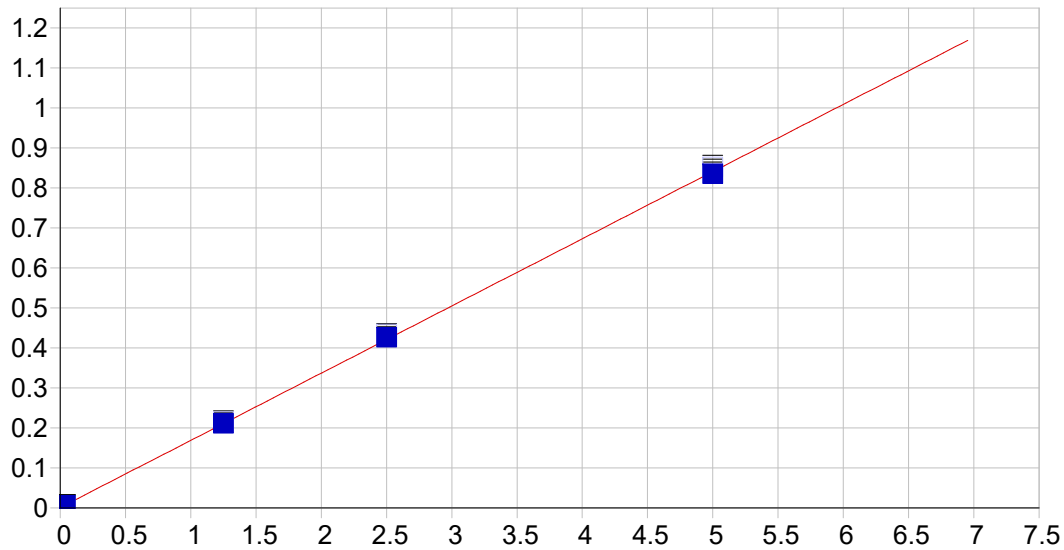
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00105	.000	1
S1	.01000	.01017	.000	1.75	.00441	.000	1
S3	.62500	.61976	-.005	-.838	.33188	.001	1
S4	1.2500	1.2643	.014	1.14	.67812	.001	1
S5	2.5000	2.4908	-.009	-.369	1.3370	.005	1

**Na 818.326 {41}**

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.012529 Re-Slope: 1.000000
A1 (Gain): 0.007077 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999950 Status: OK.
Std Error of Est: 0.000039
Predicted MDL: 0.298066
Predicted MQL: 0.993554

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	-.01253	.001	1
S2	2.0000	1.9513	-.049	-2.44	.00128	.001	1
S3	12.500	12.347	-.153	-1.22	.07485	.002	1
S4	25.000	25.367	.367	1.47	.16698	.000	1
S5	50.000	49.835	-.165	-.330	.34013	.004	1

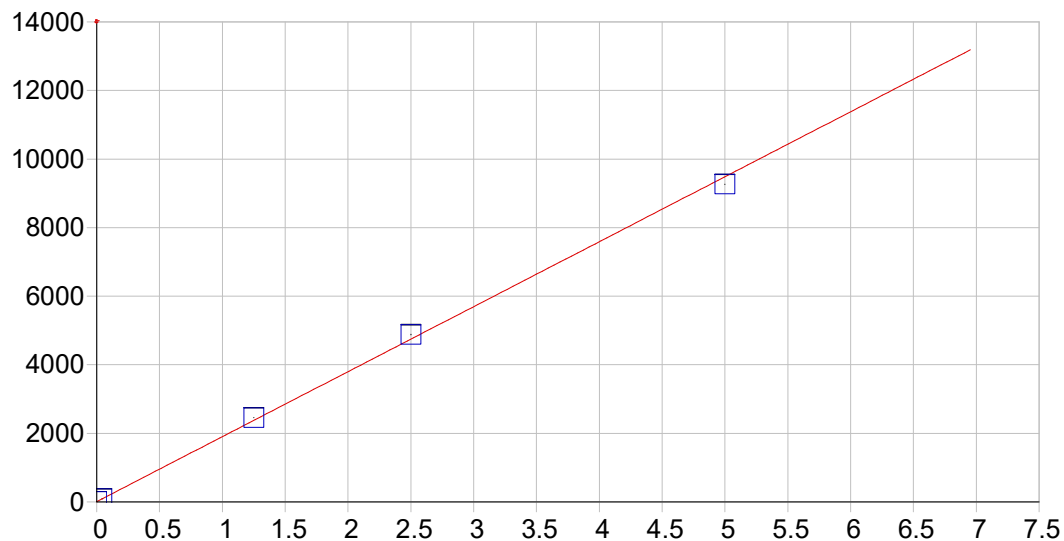


V 292.402 {115}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000882 Re-Slope: 1.000000
 A1 (Gain): 0.168042 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.003089
 Predicted MQL: 0.010297

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00088	.000	1
S1	.04000	.03626	-.004	-9.35	.00731	.001	1
S3	1.2500	1.2525	.003	.204	.21555	.002	1
S4	2.5000	2.5329	.033	1.32	.43489	.001	1
S5	5.0000	4.9684	-.032	-.632	.85252	.005	1

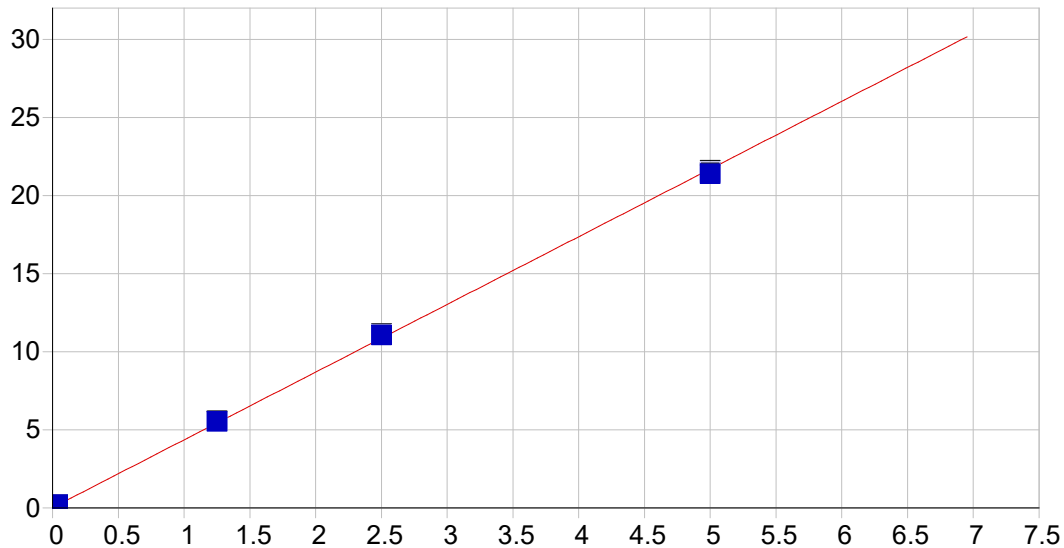


Zn 206.200 {464}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 8.262492 Re-Slope: 1.000000
 A1 (Gain): 1895.319760 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999628 Status: OK.
 Std Error of Est: 1.250905
 Predicted MDL: 0.000337
 Predicted MQL: 0.001122

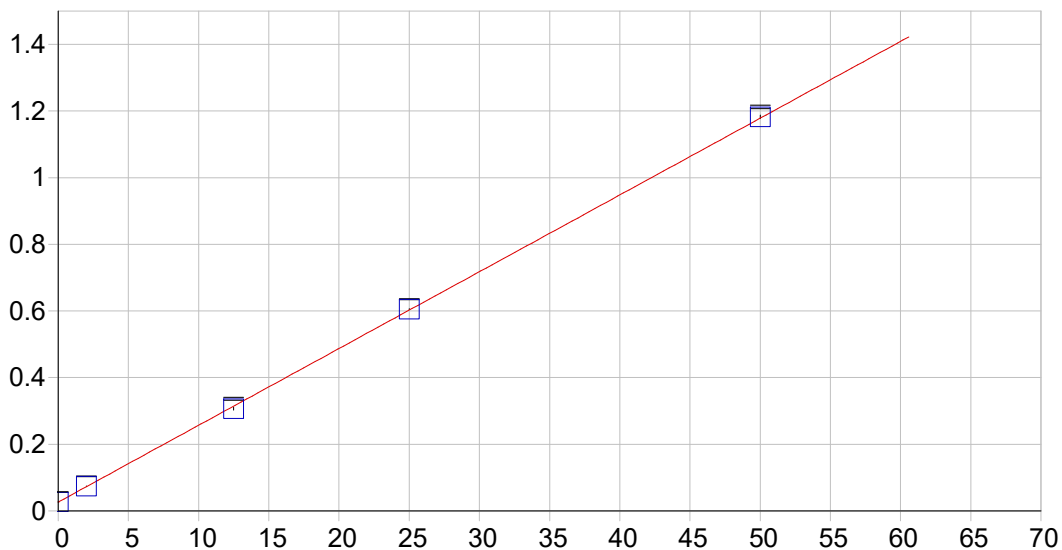
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	8.2515	.314	1
S1	.04000	.04427	.004	10.7	92.171	.726	1
S3	1.2500	1.2918	.042	3.35	2456.7	3.42	1
S4	2.5000	2.5703	.070	2.81	4879.8	9.96	1
S5	5.0000	4.8836	-.116	-2.33	9264.3	5.41	1

**Zn 213.856 {158}**

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.022227 Re-Slope: 1.000000
 A1 (Gain): 4.334883 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999859 Status: OK.
 Std Error of Est: 0.001771
 Predicted MDL: 0.000292
 Predicted MQL: 0.000974

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.02221	.001	1
S1	.04000	.04399	.004	9.96	.21389	.003	1
S3	1.2500	1.2696	.020	1.57	5.5565	.011	1
S4	2.5000	2.5458	.046	1.83	11.119	.040	1
S5	5.0000	4.9306	-.069	-1.39	21.518	.092	1

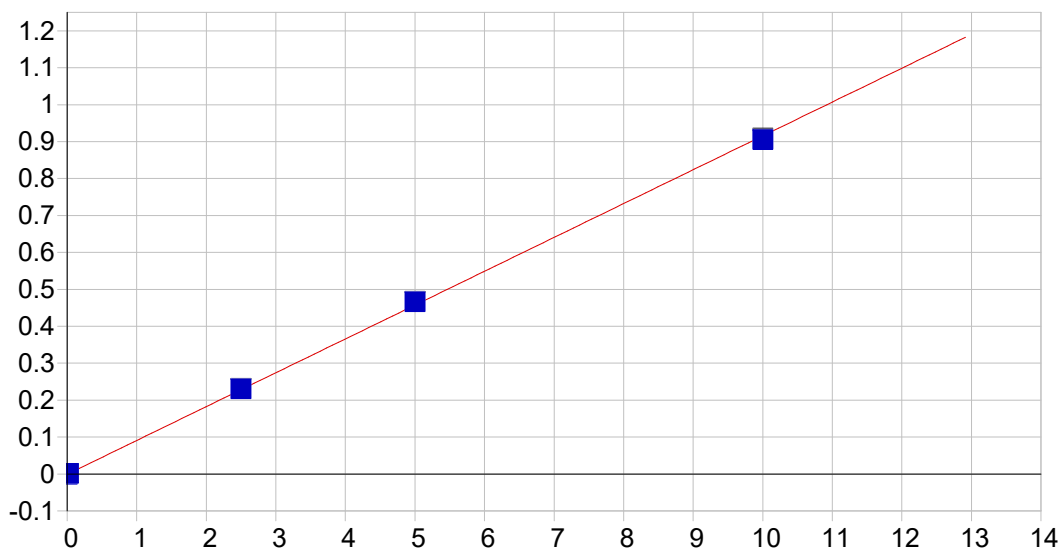


K 769.896 { 44}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.026582 Re-Slope: 1.000000
 A1 (Gain): 0.023039 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928 Status: OK.
 Std Error of Est: 0.000151
 Predicted MDL: 0.086100
 Predicted MQL: 0.286999

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.02658	.001	1
S2	2.0000	2.0616	.062	3.08	.07408	.001	1
S3	12.500	12.150	-.350	-2.80	.30650	.004	1
S4	25.000	25.121	.121	.486	.60534	.001	1
S5	50.000	50.167	.167	.334	1.1824	.005	1

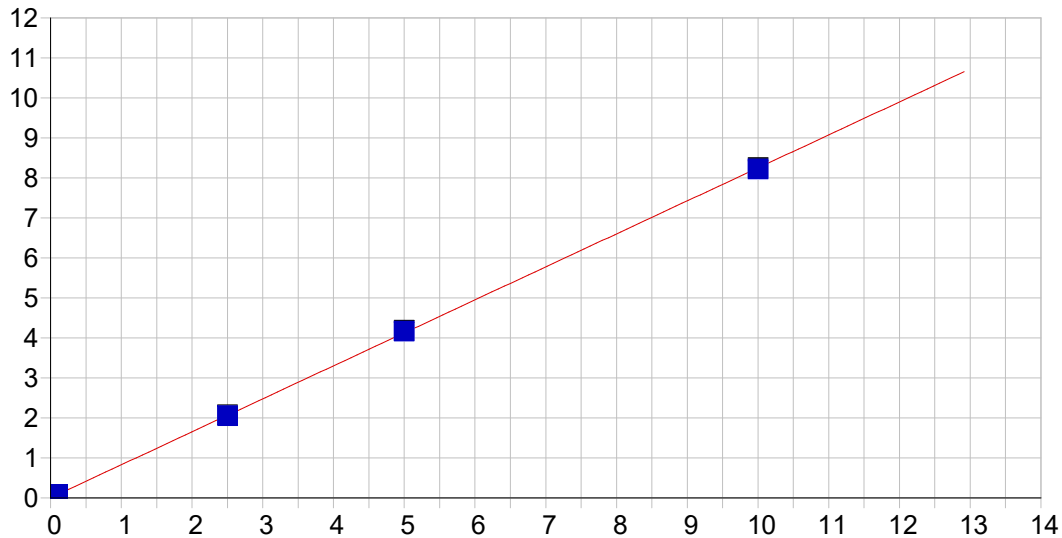


P 177.495 {490}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000852 Re-Slope: 1.000000
 A1 (Gain): 0.091629 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999903 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.002060
 Predicted MQL: 0.006868

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00085	.000	1
S1	.02000	.02200	.002	9.98	.00118	.000	1
S3	2.5000	2.5239	.024	.958	.23094	.001	1
S4	5.0000	5.0905	.090	1.81	.46664	.001	1
S5	10.000	9.8836	-.116	-1.16	.90688	.003	1

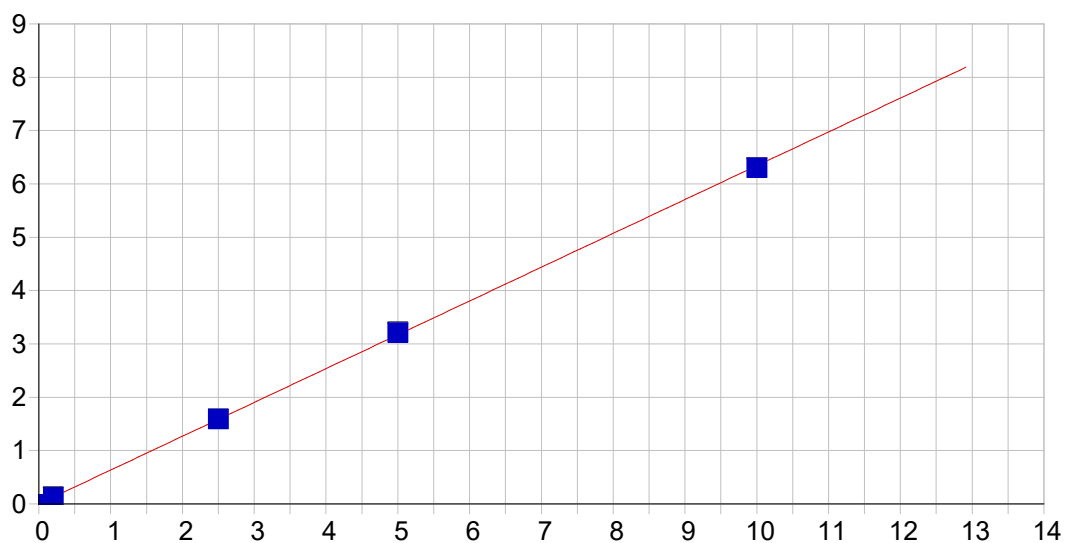


B 249.678 {135}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003326 Re-Slope: 1.000000
 A1 (Gain): 0.824707 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000274
 Predicted MDL: 0.000827
 Predicted MQL: 0.002758

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00333	.001	1
S1	.10000	.09872	-.001	-1.28	.08442	.001	1
S3	2.5000	2.4873	-.013	-.506	2.0499	.021	1
S4	5.0000	5.0481	.048	.963	4.1571	.022	1
S5	10.000	9.9658	-.034	-.342	8.2034	.031	1

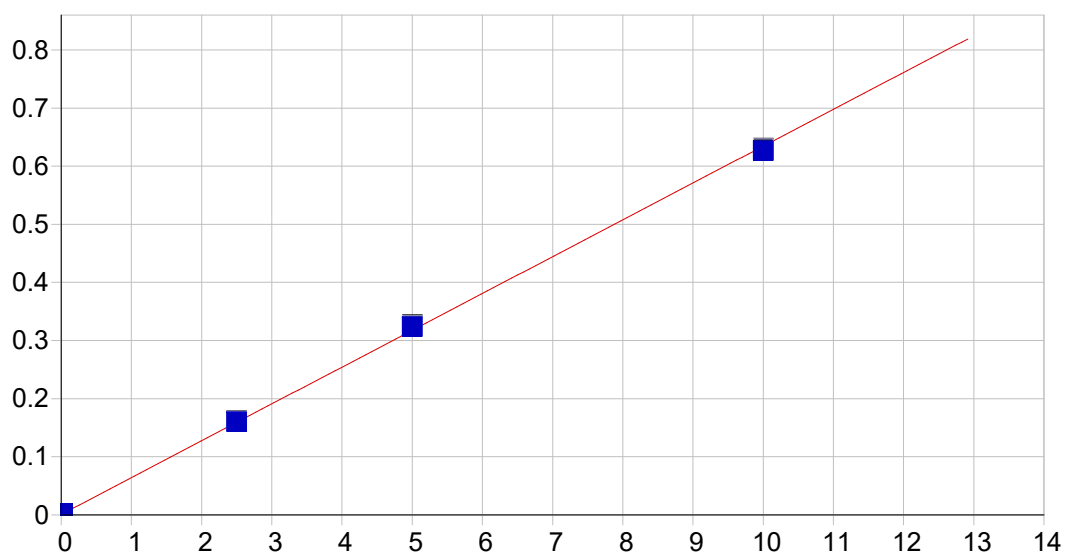


Mo 202.030 {467}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000614 Re-Slope: 1.000000
 A1 (Gain): 0.634009 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000420
 Predicted MDL: 0.000450
 Predicted MQL: 0.001500

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00061	.000	1
S1	.20000	.20188	.002	.942	.12862	.000	1
S3	2.5000	2.5022	.002	.087	1.5874	.003	1
S4	5.0000	5.0644	.064	1.29	3.2122	.010	1
S5	10.000	9.9316	-.068	-.684	6.2987	.009	1

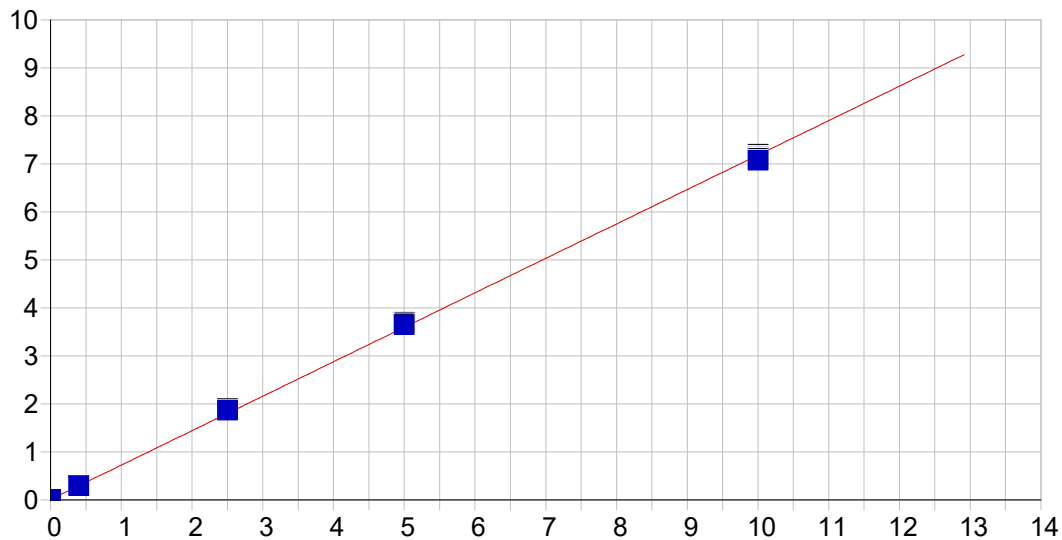


S 182.034 {485}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000861 Re-Slope: 1.000000
A1 (Gain): 0.063353 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999892 Status: OK.
Std Error of Est: 0.000023
Predicted MDL: 0.003562
Predicted MQL: 0.011873

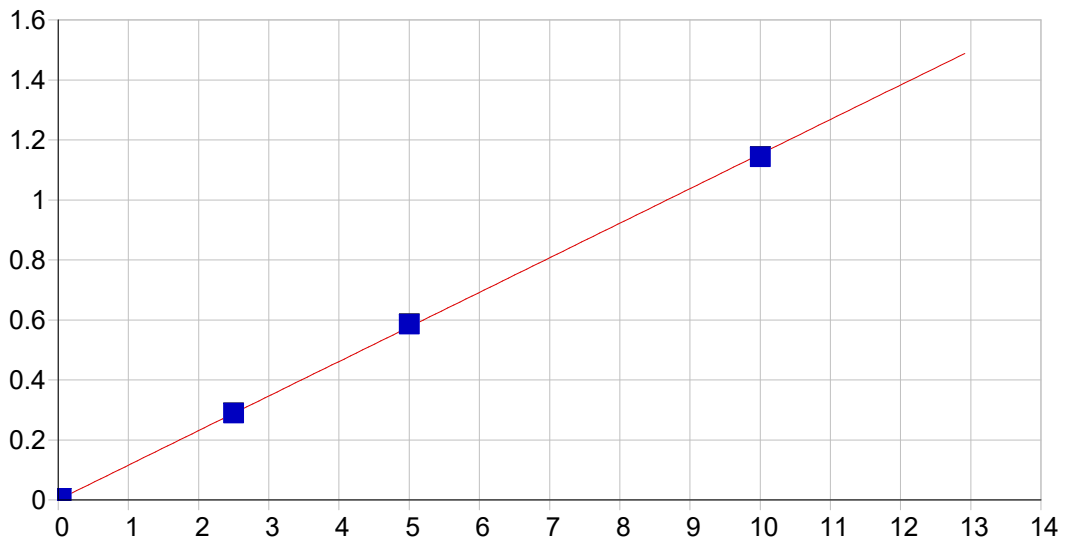
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00086	.000	1
S1	.02000	.02226	.002	11.3	.00224	.000	1
S3	2.5000	2.5193	.019	.772	.16122	.000	1
S4	5.0000	5.0988	.099	1.98	.32538	.002	1
S5	10.000	9.8797	-.120	-1.20	.62977	.001	1

**Si 251.611 {134}**

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007990 Re-Slope: 1.000000
A1 (Gain): 0.717641 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999828 Status: OK.
Std Error of Est: 0.001472
Predicted MDL: 0.000966
Predicted MQL: 0.003222

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00798	.000	1
S1	.40000	.40001	.000	.002	.29643	.004	1
S3	2.5000	2.5860	.086	3.44	1.8849	.018	1
S4	5.0000	5.0691	.069	1.38	3.6880	.013	1
S5	10.000	9.8449	-.155	-1.55	7.1576	.043	1

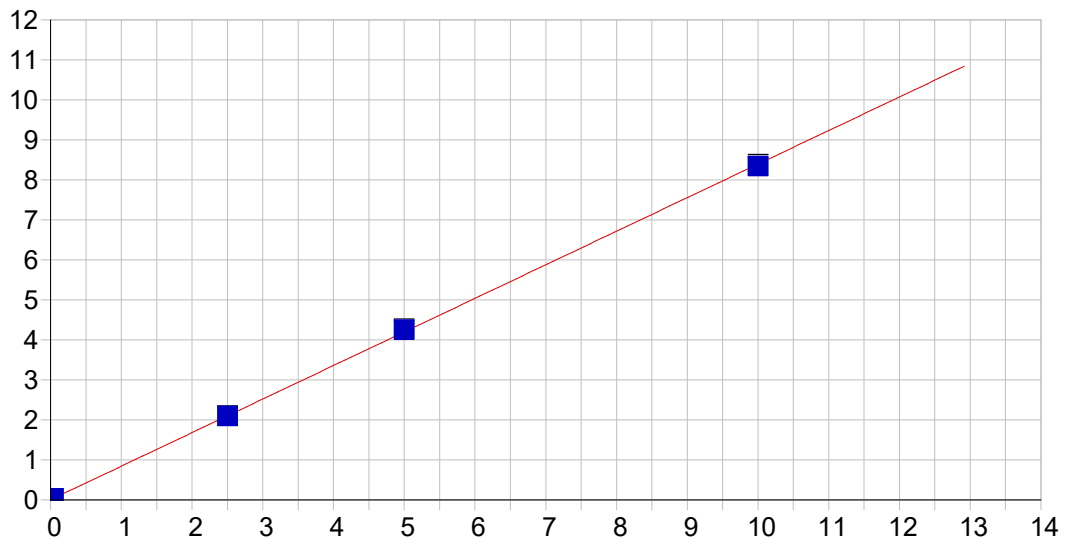


Sn 189.989 {478}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000565 Re-Slope: 1.000000
 A1 (Gain): 0.115203 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.001586
 Predicted MQL: 0.005288

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00057	.000	1
S1	.04000	.03786	-.002	-5.35	.00493	.000	1
S3	2.5000	2.5054	.005	.215	.28896	.000	1
S4	5.0000	5.0776	.078	1.55	.58507	.001	1
S5	10.000	9.9192	-.081	-.808	1.1424	.001	1

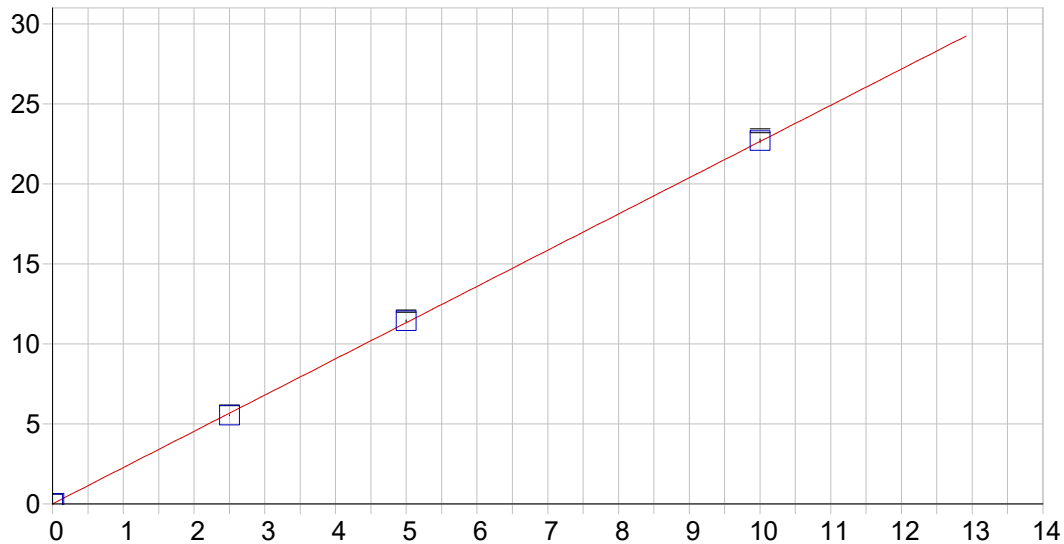


TI 336.121 {100}

Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004018 Re-Slope: 1.000000
 A1 (Gain): 0.839110 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.000240
 Predicted MDL: 0.001042
 Predicted MQL: 0.003475

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00402	.000	1
S1	.04000	.03889	-.001	-2.78	.03663	.000	1
S3	2.5000	2.4941	-.006	-.238	2.0961	.013	1
S4	5.0000	5.0650	.065	1.30	4.2526	.020	1
S5	10.000	9.9421	-.058	-.579	8.3437	.042	1

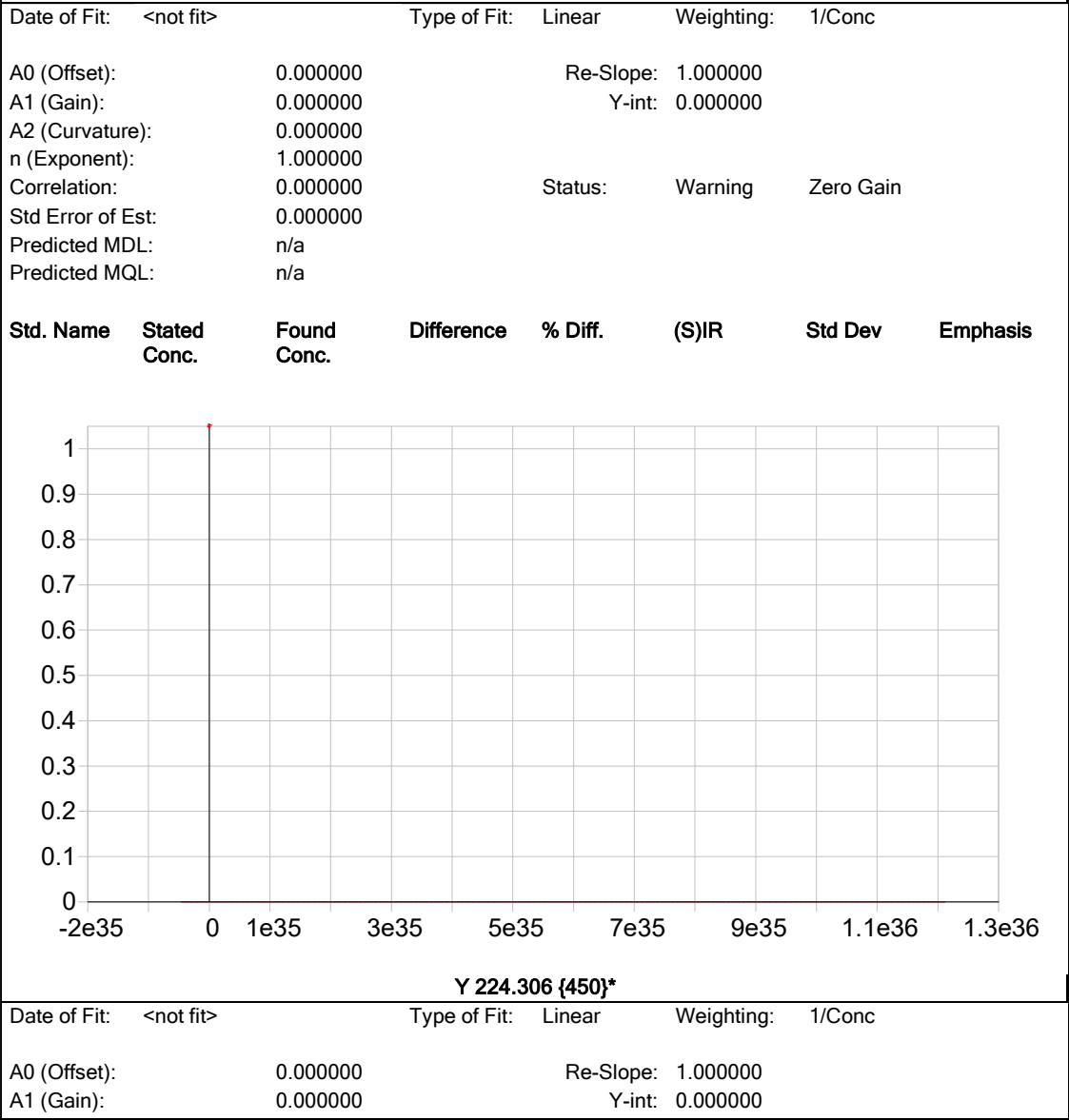
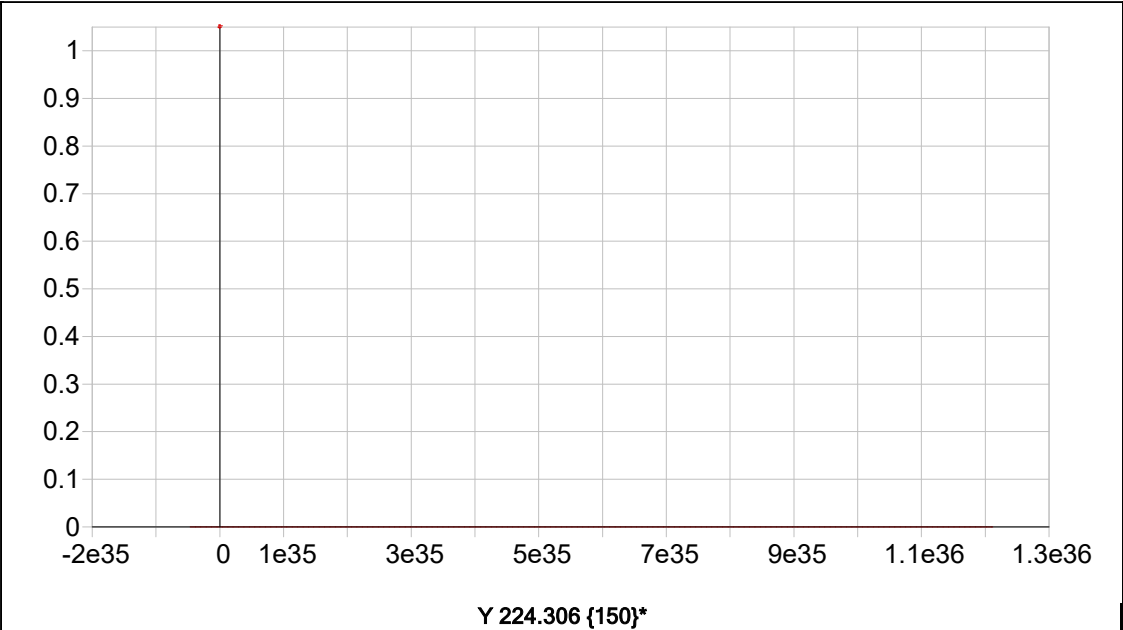


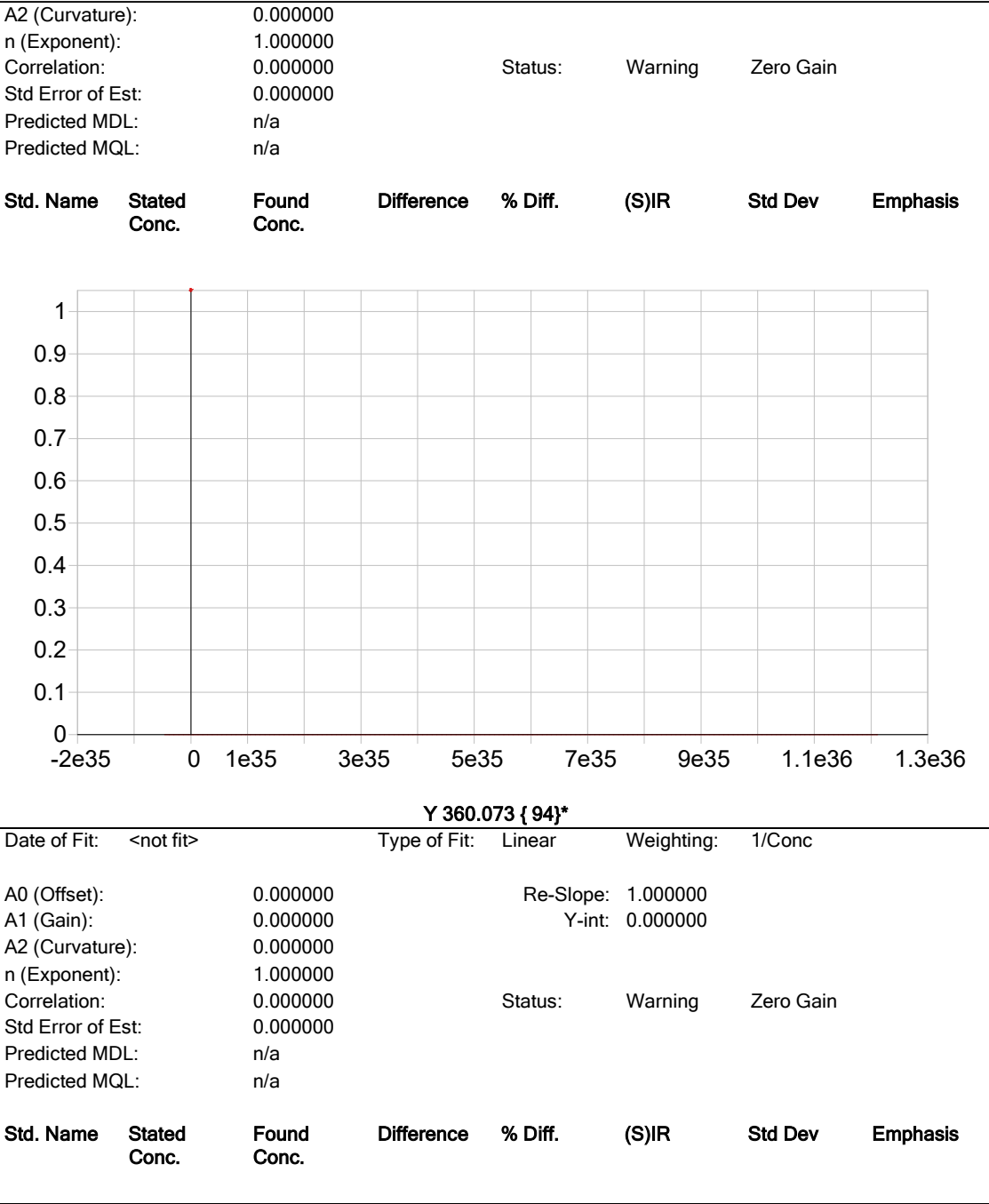
LI 670.784 { 50}

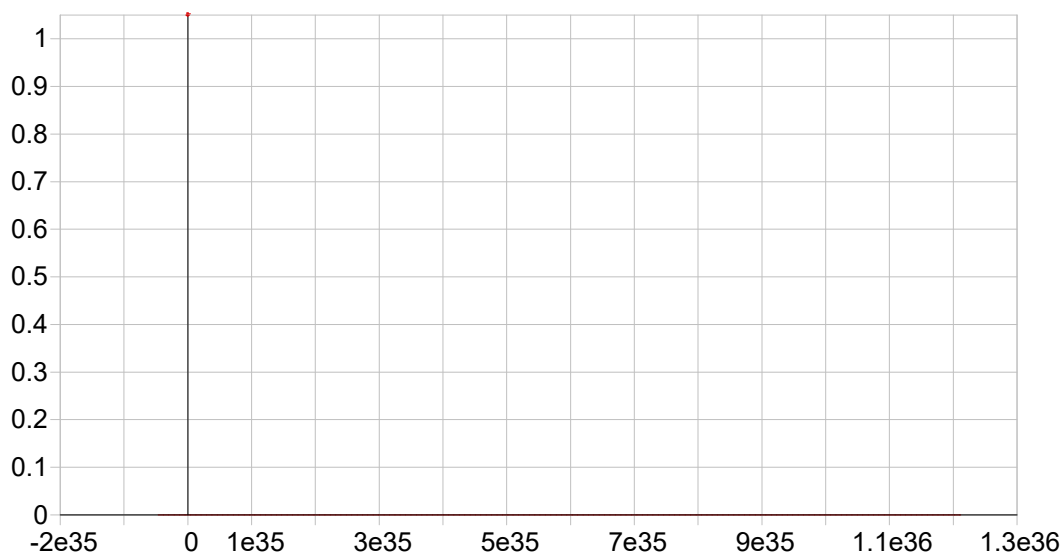
Date of Fit: 08/23/2019 18:04:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008427 Re-Slope: 1.000000
 A1 (Gain): 2.264140 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999800 Status: OK.
 Std Error of Est: 0.001095
 Predicted MDL: 0.000986
 Predicted MQL: 0.003287

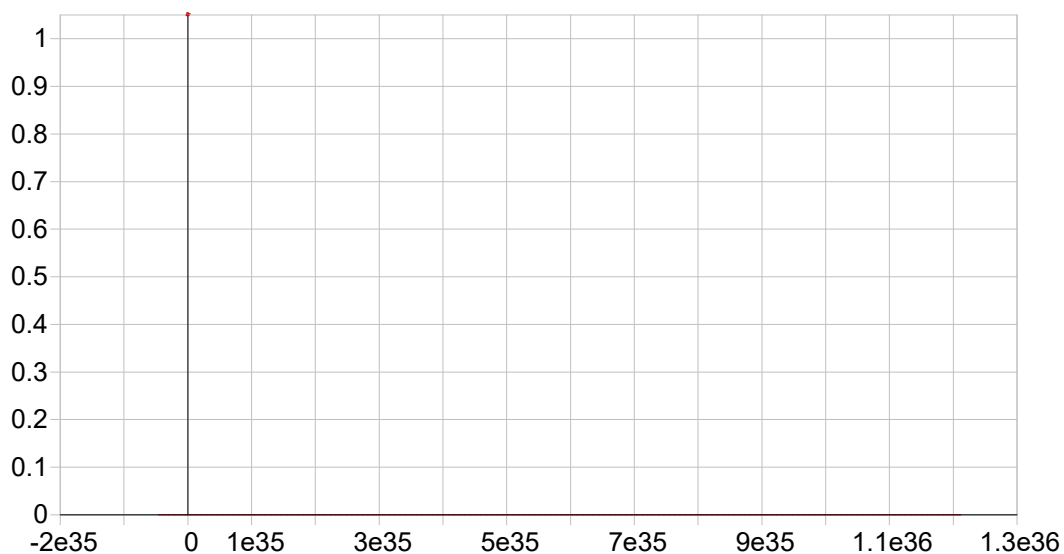
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00845	.002	1
S5	10.000	10.019	.019	.195	22.694	.117	1
S4	5.0000	5.0469	.047	.937	11.435	.066	1
S3	2.5000	2.4439	-.056	-2.24	5.5418	.015	1
S1	.02000	.00972	-.010	-51.4	.03044	.002	1

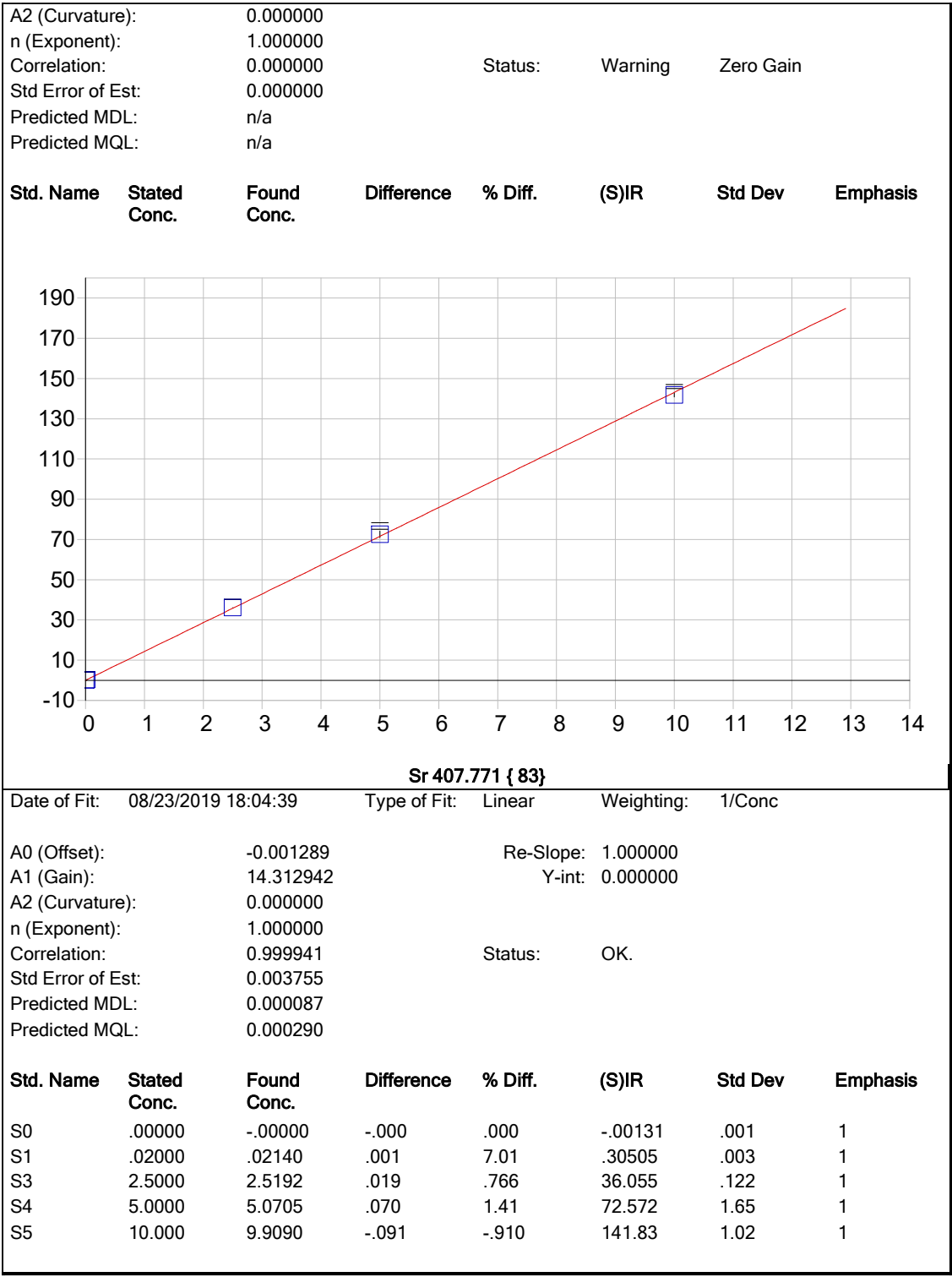






Y 371.030 { 91}*





Sample Name: S0 Acquired: 08/23/2019 11:45:12 Type: Cal
Method: NON EPA-6010-200.7(v149) 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	-.00067	-.00122	.00035	.00159	.00148	.00811	.00526	-.00345
Stddev	.00003	.00007	.00022	.00034	.00013	.00084	.00292	.00014
%RSD	4.6602	5.5575	61.698	21.242	9.0561	10.388	55.529	4.1736

#1	-.00063	-.00124	.00012	.00148	.00144	.00819	.00525	-.00328
#2	-.00069	-.00128	.00055	.00197	.00162	.00723	.00818	-.00352
#3	-.00068	-.00115	.00039	.00133	.00137	.00890	.00234	-.00355

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	-.00089	.00079	-.00008	.00005	.00457	.00113	.00117	-.00016
Stddev	.00019	.00031	.00001	.00012	.00051	.00020	.00048	.00038
%RSD	21.038	39.514	12.728	234.58	11.201	17.715	41.247	246.20

#1	-.00074	.00044	-.00009	-.00008	.00460	.00095	.00062	-.00007
#2	-.00082	.00103	-.00008	.00007	.00405	.00134	.00138	-.00058
#3	-.00110	.00092	-.00007	.00016	.00507	.00109	.00151	.00018

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	-.00338	-.00105	-.01253	.00088	.02221	.02658	-.00085	.00333
Stddev	.00024	.00019	.00128	.00045	.00134	.00110	.00009	.00096
%RSD	7.1205	17.915	10.178	51.252	6.0189	4.1325	10.136	28.850

#1	-.00316	-.00089	-.01107	.00139	.02343	.02539	-.00093	.00377
#2	-.00333	-.00126	-.01345	.00052	.02078	.02681	-.00076	.00223
#3	-.00364	-.00100	-.01306	.00073	.02241	.02755	-.00086	.00399

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	.00061	.00086	.00798	.00057	.00402	.00845	-.00131	
Stddev	.00015	.00023	.00020	.00015	.00013	.00225	.00102	
%RSD	24.831	26.748	2.4905	27.150	3.3495	26.570	77.689	

#1	.00068	.00060	.00793	.00044	.00417	.01040	-.00140	
#2	.00044	.00096	.00820	.00053	.00398	.00896	-.00229	
#3	.00072	.00103	.00781	.00073	.00391	.00599	-.00025	

Sample Name: S0 Acquired: 08/23/2019 11:45:12 Type: Cal
Method: NON EPA-6010-200.7(v149) 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	1359.9	2262.5	29095.	4748.4	2417.9
Stddev	9.7	4.4	111.	43.1	5.1
%RSD	.71691	.19509	.38194	.90715	.20910
#1	1355.4	2259.7	29038.	4785.6	2420.3
#2	1371.1	2267.5	29223.	4701.2	2421.3
#3	1353.3	2260.2	29024.	4758.3	2412.1

Sample Name: S1 Acquired: 08/23/2019 11:49:04 Type: Cal
Method: NON EPA-6010-200.7(v149) 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	.00076	.00139	.00355	.00411	.01054	.02077	.54282	.04710
Stddev	.00010	.00009	.00014	.00029	.00013	.00107	.01216	.00011
%RSD	13.571	6.8015	3.9581	7.0088	1.2295	5.1306	2.2407	.23293

#1	.00086	.00144	.00348	.00427	.01040	.02196	.53084	.04700
#2	.00075	.00128	.00371	.00378	.01066	.02044	.54245	.04710
#3	.00066	.00146	.00345	.00428	.01056	.01991	.55516	.04722

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	.02771	.00218	.03777	.01083	.00574	.02520	.02549	.00441
Stddev	.00024	.00003	.00035	.00037	.00040	.00054	.00034	.00018
%RSD	.85449	1.3763	.92584	3.4219	6.9273	2.1606	1.3383	4.0981

#1	.02761	.00214	.03741	.01053	.00529	.02479	.02584	.00460
#2	.02753	.00219	.03811	.01072	.00590	.02500	.02548	.00438
#3	.02798	.00220	.03780	.01125	.00603	.02582	.02516	.00424

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	.00731	.21389	.00118	.08442	.12862	.00224	.29643	.00493
Stddev	.00066	.00252	.00019	.00061	.00032	.00009	.00415	.00012
%RSD	9.0242	1.1797	16.422	.71858	.24504	4.0420	1.3984	2.4918

#1	.00728	.21106	.00141	.08388	.12896	.00232	.29329	.00479
#2	.00799	.21591	.00110	.08508	.12834	.00224	.30113	.00498
#3	.00667	.21470	.00104	.08431	.12855	.00214	.29487	.00502

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.03663	.03044	.30505
Stddev	.00023	.00156	.00308
%RSD	.61482	5.1296	1.0102

#1	.03659	.02889	.30182
#2	.03687	.03042	.30535
#3	.03642	.03201	.30797

Sample Name: S1 Acquired: 08/23/2019 11:49:04 Type: Cal
Method: NON EPA-6010-200.7(v149) 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	1371.8	2274.3	29175.	4754.2	2444.9
Stddev	5.9	3.5	83.	30.0	1.7
%RSD	.43127	.15322	.28605	.63053	.06951
#1	1372.8	2271.2	29090.	4786.7	2443.1
#2	1377.1	2273.6	29257.	4748.4	2446.5
#3	1365.4	2278.1	29179.	4727.6	2445.2

Sample Name: S2 Acquired: 08/23/2019 11:52:56 Type: Cal
Method: NON EPA-6010-200.7(v149) 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	.22974	.03468	.00128	.07408
Stddev	.00135	.00001	.00073	.00113
%RSD	.58825	.04294	56.984	1.5213

#1	.22893	.03469	.00188	.07517
#2	.22899	.03467	.00047	.07292
#3	.23130	.03466	.00150	.07414

Int. Std.	Y_3710
Units	Cts/S
Avg	4784.5
Stddev	45.5
%RSD	.95077

#1	4735.0
#2	4824.5
#3	4794.0

Sample Name: S3 Acquired: 08/23/2019 11:56:42 Type: Cal
Method: NON EPA-6010-200.7(v149) 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	.17841	.16264	.67988	.35242	.42948	.55446	26.132	.98745
Stddev	.00036	.00084	.00047	.00044	.00065	.00267	.058	.00895
%RSD	.20250	.51819	.06926	.12527	.15219	.48089	.22078	.90681

#1	.17822	.16349	.68026	.35293	.43020	.55224	26.093	.99586
#2	.17818	.16181	.67936	.35222	.42892	.55373	26.104	.97804
#3	.17882	.16262	.68004	.35212	.42931	.55742	26.198	.98846

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	5.4534	1.3135	.10902	1.4867	.19416	.11219	1.3676	.20048
Stddev	.0042	.0074	.00058	.0013	.00101	.00028	.0080	.00226
%RSD	.07612	.56067	.53631	.08737	.52089	.24992	.58325	1.1288

#1	5.4537	1.3116	.10910	1.4877	.19497	.11191	1.3596	.19907
#2	5.4574	1.3072	.10840	1.4872	.19303	.11221	1.3675	.19928
#3	5.4491	1.3216	.10957	1.4853	.19449	.11247	1.3756	.20309

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	.84227	.33188	.07485	.21555	5.5565	.30650	.23094	2.0499
Stddev	.00128	.00095	.00250	.00216	.0112	.00434	.00067	.0213
%RSD	.15248	.28541	3.3358	1.0037	.20106	1.4149	.28866	1.0407

#1	.84233	.33292	.07295	.21470	5.5486	.30921	.23132	2.0665
#2	.84353	.33106	.07768	.21394	5.5517	.30150	.23133	2.0259
#3	.84096	.33165	.07391	.21801	5.5693	.30880	.23017	2.0575

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	1.5874	.16122	1.8849	.28896	2.0961	5.5418	36.055	
Stddev	.0028	.00044	.0182	.00014	.0125	.0153	.123	
%RSD	.17515	.27437	.96545	.04769	.59648	.27541	.33974	

#1	1.5847	.16150	1.9013	.28911	2.0868	5.5421	35.941	
#2	1.5871	.16144	1.8653	.28894	2.0912	5.5264	36.040	
#3	1.5903	.16071	1.8881	.28884	2.1103	5.5569	36.185	

Sample Name: S3 Acquired: 08/23/2019 11:56:42 Type: Cal
Method: NON EPA-6010-200.7(v149) 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	1372.6	2289.7	29370.	4808.8	2502.8
Stddev	1.4	4.9	101.	53.9	1.9
%RSD	.10367	.21542	.34274	1.1216	.07710
#1	1371.3	2294.4	29256.	4758.1	2504.3
#2	1372.2	2290.2	29447.	4865.5	2500.6
#3	1374.1	2284.5	29406.	4802.9	2503.6

Sample Name: S4 Acquired: 08/23/2019 12:00:17 Type: Cal
Method: NON EPA-6010-200.7(v149) 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	.36257	.33741	1.3935	.71653	.87395	1.1184	53.373	1.9905
Stddev	.00127	.00135	.0024	.00117	.00185	.0048	.304	.0103
%RSD	.35014	.40103	.17087	.16322	.21186	.43118	.56917	.51499

#1	.36220	.33892	1.3962	.71767	.87519	1.1129	53.293	2.0006
#2	.36153	.33699	1.3918	.71533	.87182	1.1218	53.709	1.9801
#3	.36399	.33631	1.3924	.71660	.87484	1.1206	53.117	1.9909

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.902	2.6526	.22060	3.0026	.38598	.22518	2.7696	.40808
Stddev	.015	.0088	.00068	.0029	.00183	.00087	.0091	.00155
%RSD	.13486	.33098	.30970	.09581	.47513	.38459	.32961	.37931

#1	10.919	2.6502	.22138	3.0050	.38424	.22458	2.7699	.40696
#2	10.891	2.6623	.22034	2.9994	.38789	.22617	2.7787	.40985
#3	10.897	2.6452	.22009	3.0033	.38579	.22479	2.7604	.40744

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	1.7031	.67812	.16698	.43489	11.119	.60534	.46664	4.1571
Stddev	.0040	.00118	.00030	.00144	.040	.00135	.00099	.0216
%RSD	.23314	.17410	.18110	.33208	.36298	.22341	.21123	.52063

#1	1.7067	.67933	.16664	.43338	11.157	.60413	.46778	4.1790
#2	1.6988	.67805	.16722	.43626	11.076	.60680	.46609	4.1357
#3	1.7039	.67697	.16708	.43504	11.124	.60510	.46605	4.1567

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	3.2122	.32538	3.6880	.58507	4.2526	11.435	72.572
Stddev	.0098	.00167	.0135	.00112	.0196	.066	1.646
%RSD	.30641	.51299	.36476	.19065	.46140	.57561	2.2681

#1	3.2143	.32699	3.7031	.58634	4.2354	11.448	70.671
#2	3.2014	.32550	3.6772	.58427	4.2740	11.494	73.526
#3	3.2208	.32366	3.6837	.58460	4.2486	11.364	73.519

Sample Name: S4 Acquired: 08/23/2019 12:00:17 Type: Cal
Method: NON EPA-6010-200.7(v149) 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	1363.6	2276.5	29223.	4819.8	2501.0
Stddev	1.8	6.9	107.	12.5	7.0
%RSD	.13508	.30113	.36699	.25933	.28141
#1	1365.6	2271.3	29152.	4805.4	2493.1
#2	1362.0	2284.2	29170.	4827.8	2506.4
#3	1363.2	2273.9	29346.	4826.3	2503.6

Sample Name: S5 Acquired: 08/23/2019 12:03:56 Type: Cal
Method: NON EPA-6010-200.7(v149) 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	.71028	.67568	2.7358	1.4018	1.7237	2.1965	104.35	3.8713
Stddev	.00082	.00173	.0050	.0020	.0018	.0106	.48	.0129
%RSD	.11494	.25667	.18431	.14557	.10520	.48290	.45572	.33184

#1	.70939	.67625	2.7416	1.4041	1.7253	2.1873	103.80	3.8802
#2	.71048	.67374	2.7334	1.4001	1.7241	2.1939	104.55	3.8565
#3	.71098	.67706	2.7325	1.4014	1.7217	2.2081	104.69	3.8770

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	20.826	5.1622	.42753	5.8546	.75623	.43944	5.3907	.80218
Stddev	.040	.0269	.00159	.0079	.00315	.00312	.0300	.00251
%RSD	.19061	.52108	.37170	.13470	.41653	.70962	.55715	.31250

#1	20.870	5.1613	.42616	5.8617	.75458	.43741	5.3923	.80141
#2	20.794	5.1358	.42715	5.8461	.75424	.43788	5.3599	.80015
#3	20.814	5.1896	.42927	5.8559	.75986	.44303	5.4199	.80498

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.3086	1.3370	.34013	.85252	21.518	1.1824	.90688	8.2034
Stddev	.0013	.0049	.00389	.00476	.092	.0053	.00250	.0313
%RSD	.03863	.36716	1.1435	.55853	.42650	.44912	.27594	.38109

#1	3.3089	1.3326	.33647	.85040	21.608	1.1801	.90434	8.2093
#2	3.3073	1.3360	.34421	.84918	21.522	1.1786	.90934	8.1696
#3	3.3098	1.3423	.33972	.85797	21.424	1.1884	.90696	8.2313

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	6.2987	.62977	7.1576	1.1424	8.3437	22.694	141.83	
Stddev	.0086	.00102	.0431	.0008	.0417	.117	1.02	
%RSD	.13699	.16156	.60249	.06529	.50003	.51412	.72049	

#1	6.2911	.63091	7.1378	1.1432	8.3075	22.735	141.04	
#2	6.3081	.62894	7.1279	1.1419	8.3342	22.562	142.98	
#3	6.2970	.62946	7.2071	1.1420	8.3893	22.785	141.46	

Sample Name: S5 Acquired: 08/23/2019 12:03:56 Type: Cal
Method: NON EPA-6010-200.7(v149) 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	1332.3	2244.1	29002.	4767.7	2491.3
Stddev	12.1	1.0	19.	21.6	2.2
%RSD	.90807	.04581	.06652	.45292	.09010
#1	1321.0	2243.2	28987.	4743.2	2488.8
#2	1330.8	2243.8	29024.	4783.8	2493.3
#3	1345.0	2245.2	28996.	4776.2	2491.7

Sample Name: ICV01 Acquired: 08/23/2019 12:17:13 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	1.021076	.9869940	1.005991	1.003756	.9917530	2.547853
Stddev	.001801	.0086058	.002421	.003494	.0045877	.003462
%RSD	.1763471	.8719198	.2406622	.3481311	.4625832	.1358718

#1	1.019859	.9944424	1.005179	1.004886	.9908011	2.545480
#2	1.023144	.9775732	1.004080	.999836	.9877159	2.546254
#3	1.020223	.9889665	1.008714	1.006545	.9967420	2.551826

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5005194	.4977481	F .5235095	10.14257	F .5217181	.5078619
Stddev	.0023808	.0051941	.0002924	.07642	.0011237	.0004091
%RSD	.4756598	1.043524	.0558480	.7534837	.2153810	.0805621

#1	.4977712	.4974750	.5235694	10.05440	.5207835	.5083343
#2	.5019514	.5030734	.5231918	10.18978	.5229648	.5076283
#3	.5018357	.4926959	.5237672	10.18354	.5214059	.5076230

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5113458	5.327672	.5073998	5.967089	.5244082	.5237290
Stddev	.0028833	.059007	.0023877	.045274	.0001074	.0010219
%RSD	.5638701	1.107564	.4705744	.7587295	.0204735	.1951148

#1	.5088526	5.279804	.5046849	5.923489	.5243302	.5225627
#2	.5106816	5.393599	.5091732	5.963909	.5243638	.5244671
#3	.5145033	5.309614	.5083415	6.013869	.5245307	.5241572

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.929510	F .4710909	1.048814	9.806610	F -.001267	2.451946
Stddev	.082299	.0069484	.005469	.044395	.001803	.023032
%RSD	.8288294	1.474965	.5214744	.4527063	142.2646	.9393255

#1	10.01683	.4635367	1.054359	9.826536	-.001675	2.446966
#2	9.85338	.4772091	1.048658	9.755743	-.002830	2.477060
#3	9.91831	.4725270	1.043424	9.837550	.000705	2.431812

Sample Name: ICV01 Acquired: 08/23/2019 12:17:13 Type: Unk
 Method: NON EPA-6010-200.7(v149) 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	2.442529	F .0002950	2.425791	2.460700	2.436954	W .0005917
Stddev	.005868	.0010568	.024863	.002123	.017835	.0004492
%RSD	.2402364	358.2888	1.024946	.0862929	.7318615	75.91618

#1	2.439431	.0015130	2.427369	2.463145	2.417593	.0002045
#2	2.438860	-.000378	2.449829	2.459322	2.452714	.0010842
#3	2.449297	-.000251	2.400177	2.459632	2.440555	.0004865

Elem	Sr4077
Units	ppm
Avg	F .0121514
Stddev	.0000248
%RSD	.2043012

#1	.0121800
#2	.0121387
#3	.0121355

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1385.007	2296.211	29495.31	4837.450	2493.354
Stddev	10.468	2.224	105.86	22.730	3.758
%RSD	.7557814	.0968481	.3589186	.4698785	.1507059

#1	1376.547	2294.822	29425.84	4822.864	2489.735
#2	1396.713	2298.776	29617.15	4825.847	2493.090
#3	1381.759	2295.036	29442.95	4863.640	2497.237

Sample Name: LLICV01 Acquired: 08/23/2019 12:34:20 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0235263	.0426569	.0111827	.0194922	.0521119	.1028370	.1020222
Stddev	.0013524	.0008649	.0015146	.0034930	.0003318	.0083402	.0002783
%RSD	5.748536	2.027476	13.54377	17.91989	.6367103	8.110088	.2727764

#1	.0223073	.0436455	.0095258	.0206376	.0518004	.0965830	.1017046
#2	.0249811	.0422845	.0124958	.0155703	.0524608	.0996216	.1022232
#3	.0232905	.0420406	.0115265	.0222687	.0520747	.1123062	.1021389

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063550	.0067194	2.101155	.0105207	.0323639	.0173706	.0984149
Stddev	.0000819	.0000656	.009599	.0002185	.0001726	.0019821	.0093690
%RSD	1.288827	.9760026	.4568389	2.077075	.5333480	11.41088	9.519922

#1	.0064457	.0066449	2.102379	.0106992	.0321662	.0151810	.1063279
#2	.0062864	.0067449	2.091003	.0105858	.0324407	.0190425	.1008473
#3	.0063328	.0067684	2.110083	.0102770	.0324848	.0178882	.0880696

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222998	2.075097	.0436845	.0106303	1.992689	.0374471	.0439362
Stddev	.0002221	.013515	.0004827	.0001289	.188769	.0013059	.0003574
%RSD	.9960112	.6512939	1.104967	1.212952	9.473087	3.487334	.8135706

#1	.0220435	2.082234	.0431299	.0107788	2.099165	.0381236	.0441641
#2	.0224178	2.059510	.0439138	.0105465	1.774736	.0359417	.0441204
#3	.0224379	2.083548	.0440098	.0105656	2.104166	.0382760	.0435243

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.858220	.0230771	.1000728	.2038901	.0195062	.3981960	.0397579
Stddev	.109791	.0010787	.0014158	.0004016	.0007034	.0021426	.0008847
%RSD	5.908415	4.674259	1.414785	.1969951	3.606223	.5380723	2.225130

#1	1.734436	.0243138	.1007650	.2040737	.0199833	.3997068	.0406962
#2	1.943825	.0223303	.0984441	.2034294	.0198371	.3957439	.0396384
#3	1.896400	.0225872	.1010094	.2041671	.0186984	.3991372	.0389390

Sample Name: LLICV01 Acquired: 08/23/2019 12:34:20 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0382788	.0102356	.0215045
Stddev	.0006512	.0011089	.0000686
%RSD	1.701299	10.83371	.3188462

#1	.0384340	.0089912	.0215815
#2	.0375640	.0111191	.0214822
#3	.0388384	.0105965	.0214499

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1364.332	2280.224	29218.23	4808.754	2449.764
Stddev	3.960	4.247	91.26	14.506	3.175
%RSD	.2902484	.1862686	.3123413	.3016545	.1296157

#1	1366.254	2276.273	29113.87	4792.590	2450.406
#2	1359.777	2284.715	29283.06	4813.033	2452.569
#3	1366.963	2279.683	29257.76	4820.639	2446.317

Sample Name: ICB01 Acquired: 08/23/2019 12:38:50 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011709	.0004153	-.001102	-.002672	.0003847	.0111300	-.000078
Stddev	.0016753	.0012625	.001424	.001259	.0011935	.0125215	.000431
%RSD	143.0731	303.9846	129.2825	47.12053	310.2678	112.5024	555.5529

#1	-.000725	-.000955	-.001860	-.001920	.0005942	.0252732	.000186
#2	.002450	.000671	-.001987	-.004126	.0014595	.0066596	.000156
#3	.001788	.001531	.000541	-.001971	-.000900	.0014572	-.000574

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000480	.0000674	.0048528	-.000071	.0002405	-.001457	-.011644
Stddev	.0000249	.0000644	.0039392	.000862	.0003513	.002740	.005819
%RSD	51.81002	95.56282	81.17448	1220.732	146.1024	188.0335	49.97460

#1	.0000325	.0001417	.0092567	-.000118	.0004270	-.004608	-.009339
#2	.0000349	.0000327	.0036364	-.000908	.0004592	-.000133	-.007331
#3	.0000767	.0000277	.0016652	.000814	-.000165	.000369	-.018263

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000111	-.004497	.0002676	.0003460	.0215830	-.003586	-.000238
Stddev	.000153	.019141	.0004870	.0004064	.2247445	.001138	.000305
%RSD	138.4934	425.6477	182.0187	117.4696	1041.304	31.73022	128.5549

#1	-.000287	.010971	.0000839	.0004587	.2810135	-.004224	.000078
#2	-.000036	.001441	.0008197	.0006842	-.102481	-.004263	-.000260
#3	-.000009	-.025903	-.000101	-.000105	-.113784	-.002272	-.000531

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.047980	.0014520	.0020036	-.000330	-.004899	-.000329	-.001682
Stddev	.022176	.0006552	.0006628	.000113	.003562	.000906	.001095
%RSD	46.21892	45.12725	33.08106	34.20234	72.69233	275.2161	65.13964

#1	-.027129	.0016721	.0015287	-.000447	-.006357	.000694	-.002938
#2	-.045533	.0007150	.0017213	-.000222	-.007501	-.001028	-.001177
#3	-.071278	.0019687	.0027608	-.000321	-.000840	-.000653	-.000930

Sample Name: ICB01 Acquired: 08/23/2019 12:38:50 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000885	-.000831	.0000457
Stddev	.001213	.000684	.0001252
%RSD	137.0221	82.28853	273.9871

#1	-.002136	-.000044	-.000076
#2	.000287	-.001276	.000174
#3	-.000807	-.001174	.000040

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1384.514	2278.280	29245.38	4775.608	2428.238
Stddev	12.407	5.021	246.20	27.647	2.219
%RSD	.8960962	.2203709	.8418481	.5789120	.0913666

#1	1372.733	2272.708	28970.43	4785.244	2430.548
#2	1397.463	2282.452	29445.44	4797.148	2428.042
#3	1383.347	2279.680	29320.27	4744.433	2426.124

Sample Name: CRI01 Acquired: 08/23/2019 12:42:42 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0212495	.0403733	.0116481	.0187692	.0524895	.1074787	.1019431
Stddev	.0016927	.0015222	.0021947	.0009896	.0006989	.0046172	.0015889
%RSD	7.965945	3.770351	18.84139	5.272432	1.331468	4.295891	1.558601

#1	.0202913	.0394022	.0126397	.0180119	.0526138	.1021607	.1005271
#2	.0232039	.0395901	.0091326	.0198889	.0517367	.1104653	.1016407
#3	.0202532	.0421277	.0131720	.0184067	.0531178	.1098102	.1036614

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064375	.0066955	2.072964	.0104500	.0320543	.0174642	.1062504
Stddev	.0001343	.0000653	.027798	.0003374	.0004478	.0039066	.0043212
%RSD	2.085369	.9750094	1.340996	3.229074	1.396962	22.36913	4.067032

#1	.0064350	.0066203	2.047863	.0102356	.0321554	.0155489	.1065693
#2	.0063045	.0067384	2.068189	.0102754	.0315646	.0219588	.1104034
#3	.0065730	.0067276	2.102841	.0108390	.0324429	.0148848	.1017785

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214828	2.070491	.0435001	.0102196	2.230140	.0363316	.0437676
Stddev	.0004005	.024246	.0004081	.0002942	.032608	.0048287	.0002344
%RSD	1.864252	1.171025	.9380641	2.878915	1.462141	13.29050	.5354945

#1	.0216963	2.044559	.0439371	.0105415	2.267161	.0313610	.0435921
#2	.0210208	2.092596	.0434342	.0101527	2.205684	.0366293	.0436771
#3	.0217313	2.074317	.0431290	.0099646	2.217575	.0410045	.0440338

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.940332	.0228922	.0992177	.2028679	.0186729	.3993199	.0394967
Stddev	.048897	.0012387	.0010914	.0009357	.0017033	.0065305	.0000958
%RSD	2.520053	5.410774	1.100013	.4612441	9.121789	1.635412	.2424894

#1	1.946592	.0239969	.0993915	.2027900	.0203145	.4022544	.0395696
#2	1.888606	.0215531	.0980498	.2038402	.0187903	.3918369	.0393882
#3	1.985798	.0231268	.1002117	.2019736	.0169139	.4038685	.0395322

Sample Name: CRI01 Acquired: 08/23/2019 12:42:42 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0383011	.0084351	.0212430
Stddev	.0005172	.0017024	.0002471
%RSD	1.350315	20.18284	1.163278

#1	.0381964	.0073649	.0209940
#2	.0388626	.0103982	.0214882
#3	.0378442	.0075421	.0212468

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1374.754	2286.578	29353.62	4802.497	2455.947
Stddev	13.381	6.022	144.72	40.974	4.017
%RSD	.9733652	.2633416	.4930205	.8531760	.1635573

#1	1389.985	2280.061	29432.79	4812.225	2451.356
#2	1364.885	2287.738	29186.59	4837.732	2457.671
#3	1369.392	2291.936	29441.49	4757.535	2458.814

Sample Name: ICSA01 Acquired: 08/23/2019 12:46:34 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0002285	-.004172	.0037549	.0024848	.0013059	258.3313
Stddev	.0019245	.002251	.0016381	.0019982	.0010524	1.2894
%RSD	842.1324	53.95254	43.62582	80.41471	80.58874	.4991202

#1	-.001448	-.005803	.0019214	.0009660	.0018822	257.2181
#2	-.000196	-.005110	.0050742	.0047484	.0019444	258.0316
#3	.002330	-.001604	.0042691	.0017400	.0000912	259.7441

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061709	.0012180	-.001021	244.9017	.0473415	.0004599
Stddev	.0005325	.0000215	.000031	1.7289	.0007263	.0002229
%RSD	8.629112	1.766501	3.059524	.7059654	1.534125	48.46308

#1	.0066339	.0012230	-.001052	243.8129	.0479483	.0002930
#2	.0055890	.0011945	-.000990	243.9969	.0465368	.0003738
#3	.0062899	.0012366	-.001020	246.8952	.0475394	.0007130

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140167	100.6242	.0146146	260.7471	.0017732	.0011955
Stddev	.0036425	.4783	.0003431	1.3559	.0009348	.0004360
%RSD	25.98700	.4752971	2.347397	.5199924	52.71564	36.47245

#1	.0101422	100.3189	.0142633	259.8950	.0011514	.0007365
#2	.0145365	100.3782	.0149488	260.0358	.0013200	.0016042
#3	.0173713	101.1754	.0146315	262.3107	.0028482	.0012458

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2134358	.0002726	-.004462	-.106582	-.011622	-.047035
Stddev	.1542620	.0016443	.000313	.023933	.001653	.000452
%RSD	72.27560	603.2725	7.019785	22.45489	14.22020	.9618396

#1	.0966466	-.000403	-.004160	-.126323	-.012368	-.046620
#2	.3883078	-.000926	-.004785	-.079963	-.012770	-.047517
#3	.1553530	.002147	-.004440	-.113459	-.009728	-.046969

Sample Name: ICSA01 Acquired: 08/23/2019 12:46:34 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	-.000849	.0020930	-.000176	-.002316	-.002288	W .0013704
Stddev	.000597	.0044816	.000532	.001467	.000789	.0010351
%RSD	70.24920	214.1239	302.2000	63.33526	34.50131	75.53168

#1	-.000820	-.001287	-.000219	-.001483	-.003079	.0013633
#2	-.000268	.007176	.000376	-.001456	-.001500	.0003389
#3	-.001460	.000390	-.000685	-.004010	-.002285	.0024091

Elem	Sr4077
Units	ppm
Avg	F .1016825
Stddev	.0003668
%RSD	.3607349

#1	.1012599
#2	.1018694
#3	.1019182

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1315.455	2204.397	28361.13	4708.200	2427.425
Stddev	4.824	4.127	44.60	29.513	2.736
%RSD	.3667425	.1872227	.1572524	.6268400	.1127202

#1	1310.016	2207.736	28312.03	4703.833	2427.627
#2	1319.215	2205.671	28372.23	4739.653	2430.054
#3	1317.134	2199.783	28399.13	4681.114	2424.593

Sample Name: ICSAB01 Acquired: 08/23/2019 12:50:24 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.1011673	.1035454	.0560022	.0554384	.6482758	263.6277
Stddev	.0021826	.0028700	.0016626	.0015497	.0051106	1.7175
%RSD	2.157376	2.771727	2.968803	2.795394	.7883362	.6514767

#1	.1008782	.1061718	.0572173	.0536541	.6532082	261.6445
#2	.0991436	.1004819	.0566820	.0562119	.6430039	264.6223
#3	.1034800	.1039826	.0541075	.0564490	.6486154	264.6162

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5229067	.5134143	1.019514	248.7002	.5631940	.5174187
Stddev	.0050329	.0035815	.001831	1.9995	.0019300	.0019532
%RSD	.9624783	.6975823	.1796288	.8039885	.3426877	.3774919

#1	.5175860	.5146495	1.017399	246.5763	.5634445	.5151640
#2	.5275912	.5162146	1.020554	250.5463	.5649865	.5184978
#3	.5235430	.5093787	1.020588	248.9782	.5611510	.5185943

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5310923	102.2053	.5272732	265.7231	1.030893	.2173423
Stddev	.0103408	.8854	.0061886	2.3704	.001571	.0001325
%RSD	1.947081	.8662903	1.173702	.8920671	.1524293	.0609813

#1	.5194472	101.2481	.5209906	263.0460	1.029192	.2173370
#2	.5346291	102.9951	.5333634	267.5552	1.031195	.2174775
#3	.5392008	102.3726	.5274655	266.5682	1.032291	.2172126

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1638315	.5093944	1.052350	-.162810	F -.013408	.9792456
Stddev	.1328979	.0053204	.006249	.066823	.001480	.0063508
%RSD	81.11868	1.044450	.5938604	41.04354	11.04033	.6485442

#1	.0309997	.5033695	1.059314	-.106540	-.014831	.9769098
#2	.1636993	.5134468	1.047228	-.236668	-.011876	.9864336
#3	.2967955	.5113668	1.050509	-.145223	-.013516	.9743934

Sample Name: ICSAB01 Acquired: 08/23/2019 12:50:24 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	1.036403	F -.003277	1.014496	1.055182	1.022397	F .0004383
Stddev	.001753	.004075	.006377	.005196	.008002	.0003232
%RSD	.1690996	124.3376	.6285707	.4924106	.7826339	73.73898

#1	1.037399	-.005324	1.015848	1.058470	1.013160	.0000916
#2	1.034379	-.005923	1.020089	1.049192	1.027204	.0004921
#3	1.037431	.001415	1.007552	1.057884	1.026827	.0007311

Elem	Sr4077
Units	ppm
Avg	F .1043486
Stddev	.0007329
%RSD	.7023277

#1	.1035051
#2	.1047112
#3	.1048295

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1312.119	2199.606	28312.84	4777.806	2420.360
Stddev	12.640	2.479	75.23	8.663	4.975
%RSD	.9632925	.1127245	.2657137	.1813102	.2055403

#1	1307.077	2199.239	28384.54	4771.105	2419.923
#2	1326.501	2197.331	28319.46	4774.726	2415.618
#3	1302.779	2202.249	28234.52	4787.588	2425.539

Sample Name: CCV01 Acquired: 08/23/2019 12:54:03 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.106649	5.078604	5.108912	5.081907	5.068515	10.25559	10.36759
Stddev	.009741	.014244	.004885	.011091	.005018	.06575	.07439
%RSD	.1907445	.2804690	.0956235	.2182369	.0989955	.6410843	.7175171

#1	5.098015	5.065796	5.109282	5.083812	5.065891	10.18433	10.28221
#2	5.104723	5.076071	5.103852	5.069988	5.065353	10.31390	10.40217
#3	5.117209	5.093944	5.113602	5.091922	5.074300	10.26853	10.41840

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2593561	2.581177	25.95188	1.026617	2.555157	1.274896	5.136590
Stddev	.0017687	.001301	.09507	.003085	.000658	.008087	.022790
%RSD	.6819660	.0504120	.3663488	.3005416	.0257438	.6343201	.4436739

#1	.2601883	2.581524	25.84211	1.027850	2.554746	1.266213	5.110544
#2	.2605553	2.579738	26.00538	1.028896	2.555916	1.282213	5.152862
#3	.2573248	2.582270	26.00816	1.023106	2.554809	1.276262	5.146365

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.586628	25.72346	2.561127	1.283778	25.45299	2.582112	2.564949
Stddev	.014725	.15130	.001797	.001407	.23524	.013055	.013794
%RSD	.5692660	.5881979	.0701819	.1095955	.9242198	.5055789	.5377810

#1	2.569794	25.56426	2.559110	1.282837	25.36616	2.568091	2.571303
#2	2.592981	25.74075	2.562561	1.285395	25.27352	2.593916	2.549123
#3	2.597110	25.86538	2.561710	1.283101	25.71931	2.584330	2.574420

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.30661	5.145453	5.162378	5.096460	5.136388	5.137080	5.119260
Stddev	.09088	.006813	.043865	.009442	.009945	.052377	.004641
%RSD	.3591079	.1324148	.8497053	.1852701	.1936092	1.019594	.0906650

#1	25.20187	5.138535	5.173059	5.095417	5.145210	5.128530	5.117122
#2	25.36452	5.152156	5.199917	5.087583	5.125611	5.193206	5.116073
#3	25.35344	5.145668	5.114159	5.106381	5.138342	5.089503	5.124585

Sample Name: CCV01 Acquired: 08/23/2019 12:54:03 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.125936	5.179799	5.108493
Stddev	.020790	.020125	.066441
%RSD	.4055784	.3885212	1.300594

#1	5.103351	5.160441	5.031808
#2	5.144274	5.200612	5.144839
#3	5.130182	5.178345	5.148830

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1356.798	2277.285	29047.56	4732.139	2500.660
Stddev	9.274	6.143	17.63	33.785	3.934
%RSD	.6835442	.2697535	.0607014	.7139511	.1573335

#1	1359.519	2279.692	29056.61	4744.050	2502.891
#2	1364.408	2281.860	29027.24	4694.011	2502.973
#3	1346.468	2270.303	29058.83	4758.355	2496.118

Sample Name: LLCCV01 Acquired: 08/23/2019 12:57:42 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0205326	.0406398	.0139127	.0204587	.0521600	.1193281	.1038968
Stddev	.0032146	.0022397	.0005028	.0017302	.0016433	.0113436	.0009788
%RSD	15.65621	5.511126	3.614231	8.457212	3.150542	9.506251	.9420811

#1	.0228152	.0388005	.0141525	.0217616	.0507358	.1288589	.1040156
#2	.0168563	.0431340	.0142508	.0184956	.0517861	.1223442	.1028641
#3	.0219262	.0399851	.0133349	.0211190	.0539581	.1067813	.1048109

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065931	.0068627	2.121986	.0105314	.0322348	.0182756	.1059422
Stddev	.0000338	.0001231	.027996	.0001257	.0001109	.0022129	.0040599
%RSD	.5132066	1.792954	1.319323	1.193319	.3439684	12.10818	3.832148

#1	.0065727	.0069739	2.090500	.0105299	.0322119	.0157812	.1017120
#2	.0065746	.0068838	2.144073	.0104066	.0321371	.0200023	.1063076
#3	.0066322	.0067305	2.131386	.0106579	.0323553	.0190435	.1098070

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225601	2.091110	.0439319	.0105225	1.968981	.0392617	.0436010
Stddev	.0004034	.030754	.0004639	.0002106	.201546	.0041273	.0004944
%RSD	1.788239	1.470690	1.056051	2.001674	10.23607	10.51224	1.134017

#1	.0224143	2.070149	.0440871	.0107616	1.815754	.0436565	.0431937
#2	.0222499	2.126415	.0434102	.0104417	2.197292	.0386610	.0434582
#3	.0230162	2.076766	.0442983	.0103642	1.893898	.0354677	.0441511

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.897294	.0240978	.1118470	.2043983	.0196083	.4118261	.0416998
Stddev	.062238	.0007990	.0017990	.0011001	.0005136	.0067201	.0013457
%RSD	3.280343	3.315663	1.608479	.5382290	2.619505	1.631780	3.227146

#1	1.944227	.0231812	.1098429	.2055979	.0196695	.4052070	.0431149
#2	1.826694	.0244655	.1123753	.2034365	.0200886	.4186428	.0404363
#3	1.920960	.0246468	.1133227	.2041603	.0190668	.4116286	.0415481

Sample Name: LLCCV01 Acquired: 08/23/2019 12:57:42 Type: Unk
 Method: NON EPA-6010-200.7(v149) 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	.0395872	.0115223	.0217060
Stddev	.0005145	.0011898	.0000669
%RSD	1.299703	10.32571	.3080438

#1	.0397525	.0125483	.0217109
#2	.0399987	.0118006	.0216368
#3	.0390103	.0102181	.0217702

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1387.155	2298.099	29224.33	4771.466	2461.784
Stddev	5.465	3.448	226.21	28.597	3.073
%RSD	.3939452	.1500188	.7740634	.5993261	.1248189

#1	1383.216	2299.012	28966.13	4803.978	2462.644
#2	1384.856	2300.997	29387.69	4750.212	2464.334
#3	1393.394	2294.286	29319.17	4760.207	2458.372

Sample Name: CCB01 Acquired: 08/23/2019 13:01:35 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0005648	.0028411	.0006823	-.000609	-.002089	.0008734	.0002550
Stddev	.0040364	.0043689	.0004081	.000748	.002535	.0089597	.0003713
%RSD	714.7148	153.7749	59.81560	122.8748	121.3160	1025.854	145.5755

#1	.0023699	.0063095	.0004517	-.001002	-.003922	.0106750	.0000646
#2	-.004059	.0042794	.0004417	.000254	-.003149	-.001160	.0006829
#3	.003384	-.002066	.0011536	-.001079	.000803	-.006895	.0000176

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000138	.0000943	.0136879	-.000039	.0004043	-.001880	-.004738
Stddev	.0000154	.0000955	.0053118	.000092	.0000691	.001127	.003428
%RSD	111.7021	101.2999	38.80646	233.2698	17.08789	59.96941	72.33707

#1	.0000302	.0001487	.0099853	-.000085	.0003380	-.000641	-.002721
#2	.0000117	.0001502	.0113045	-.000099	.0003990	-.002153	-.002798
#3	-.000000	-.000016	.0197739	.000066	.0004759	-.002845	-.008696

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	-.014715	.0004478	.0002205	-.309881	-.000725	-.000470
Stddev	.000462	.020620	.0001134	.0004197	.344958	.000347	.000175
%RSD	2158.218	140.1238	25.32326	190.3450	111.3197	47.93486	37.30769

#1	-.000375	-.023441	.0004465	.0005105	-.067565	-.000352	-.000301
#2	-.000191	.008833	.0005619	-.000261	-.157253	-.000783	-.000457
#3	.000502	-.029537	.0003351	.000412	-.704824	-.001039	-.000651

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.061479	-.000262	.0031230	-.000171	-.005936	.0012050	-.000699
Stddev	.067526	.001078	.0002358	.000432	.002078	.0004518	.000494
%RSD	109.8360	411.0922	7.549364	252.1827	35.00592	37.48944	70.62194

#1	-.129422	-.001332	.0033781	-.000647	-.005916	.0017066	-.001078
#2	.005623	.000824	.0029131	.000195	-.003869	.0008301	-.000141
#3	-.060638	-.000278	.0030779	-.000062	-.008025	.0010783	-.000879

Sample Name: CCB01 Acquired: 08/23/2019 13:01:35 Type: Unk
 Method: NON EPA-6010-200.7(v149) 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	-.000084	-.001079	.0000089
Stddev	.000781	.000588	.0000250
%RSD	931.9037	54.50093	282.7582

#1	-.000403	-.000710	.0000086
#2	.000806	-.000771	-.000016
#3	-.000655	-.001758	.000034

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1379.410	2287.339	29210.65	4729.086	2437.307
Stddev	9.169	5.397	151.34	31.204	4.007
%RSD	.6647170	.2359582	.5180935	.6598279	.1644182

#1	1373.396	2283.870	29222.55	4694.981	2434.996
#2	1374.869	2293.557	29053.71	4756.203	2441.934
#3	1389.963	2284.589	29355.68	4736.075	2434.991

Sample Name: LR CHECK 1 Acquired: 08/23/2019 13:05:20 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	-.022387	-.085640	.0452361	.1760838	.0216582	1813.068	.0166152
Stddev	.005063	.005089	.0029987	.0020119	.0010952	49.042	.0005417
%RSD	22.61770	5.942875	6.629076	1.142594	5.056652	2.704924	3.260365

#1	-.024311	-.079810	.0422120	.1763011	.0208680	1773.043	.0159909
#2	-.016643	-.087915	.0452874	.1739720	.0211983	1798.388	.0169615
#3	-.026206	-.089195	.0482088	.1779782	.0229084	1867.774	.0168931

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091839	-.014287	1650.125	.0338355	.0639368	.1790950	866.4710
Stddev	.0001833	.000109	24.974	.0012755	.0004095	.0016252	3.6923
%RSD	1.995747	.7623921	1.513471	3.769836	.6404708	.9074280	.4261273

#1	.0091553	-.014214	1642.829	.0335615	.0635492	.1787329	864.5239
#2	.0090166	-.014235	1629.612	.0352258	.0638962	.1808707	864.1597
#3	.0093798	-.014412	1677.935	.0327193	.0643652	.1776814	870.7292

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0617265	1701.916	.1315728	.0008215	1722.772	.0123559	.0716595
Stddev	.0004220	6.438	.0007337	.0012089	9.140	.0004999	.0009013
%RSD	.6837342	.3783056	.5576147	147.1576	.5305134	4.046102	1.257819

#1	.0622088	1702.880	.1318011	-.000568	1716.462	.0126495	.0717461
#2	.0614250	1695.050	.1321653	.001400	1718.602	.0117787	.0725144
#3	.0615456	1707.818	.1307522	.001633	1733.253	.0126396	.0707180

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1046.352	-.074636	^ *****	.0048330	.1522749	-.006406	.0069948
Stddev	2.696	.004722	-----	.0013526	.0035490	.001038	.0020706
%RSD	.2576461	6.327033	-----	27.98579	2.330658	16.20604	29.60264

#1	1045.115	-.076283	^ -----	.0046659	.1484948	-.007052	.0058979
#2	1044.497	-.069311	^ -----	.0062613	.1555355	-.006957	.0057034
#3	1049.444	-.078314	^ -----	.0035717	.1527946	-.005208	.0093831

Sample Name: LR CHECK 1 Acquired: 08/23/2019 13:05:20 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.035831	.0140318	.0135919
Stddev	.001038	.0018935	.0000120
%RSD	2.895690	13.49439	.0879022

#1	-.036232	.0120109	.0135781
#2	-.036608	.0143196	.0135978
#3	-.034653	.0157649	.0135997

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1158.683	2039.916	25452.17	4421.245	2118.070
Stddev	8.107	8.303	147.71	37.425	4.323
%RSD	.6996901	.4070133	.5803573	.8464850	.2041092

#1	1163.578	2037.987	25535.83	4400.829	2117.076
#2	1163.146	2049.014	25539.06	4464.438	2122.804
#3	1149.325	2032.748	25281.62	4398.467	2114.331

Sample Name: LR CHECK 2 Acquired: 08/23/2019 13:09:22 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	-.004752	.0504479	270.9857	.0066546	-.018331	.2571902	100.5188
Stddev	.002915	.0022302	.6756	.0009691	.000870	.0088407	1.4313
%RSD	61.33360	4.420868	.2493125	14.56245	4.748049	3.437404	1.423871

#1	-.007866	.0529929	271.7391	.0062205	-.019336	.2623764	99.0015
#2	-.002088	.0495163	270.7842	.0059785	-.017860	.2622119	101.8447
#3	-.004303	.0488345	270.4338	.0077648	-.017798	.2469823	100.7101

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003652	.0016343	1.944676	-.151371	-.001855	264.9934	-.428995
Stddev	.000105	.0000135	.020120	.002955	.000310	5.0618	.013804
%RSD	2.876186	.8253225	1.034611	1.951924	16.70886	1.910157	3.217652

#1	-.003618	.0016189	1.964922	-.150813	-.001504	265.1360	-.423342
#2	-.003568	.0016441	1.924684	-.148736	-.002091	259.8618	-.418916
#3	-.003770	.0016399	1.944421	-.154565	-.001971	269.9823	-.444728

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.50330	-.079319	53.23907	.0003400	.8385945	-.028592	35.08008
Stddev	.35225	.014081	.14476	.0002451	.3266715	.003731	.31406
%RSD	.8696930	17.75223	.2719077	72.08764	38.95465	13.04802	.8952594

#1	40.13139	-.068408	53.40567	.0004777	1.059343	-.025943	35.26556
#2	40.54662	-.074334	53.14393	.0000570	.993111	-.026974	35.25721
#3	40.83190	-.095214	53.16762	.0004852	.463330	-.032858	34.71747

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0923812	-.991863	-.002900	-.038916	-.648015	.0124593	-.003983
Stddev	.1084651	.016014	.000237	.000443	.005381	.0003016	.001547
%RSD	117.4103	1.614538	8.185014	1.137662	.8303392	2.420942	38.84884

#1	.2135408	-.989693	-.002837	-.038946	-.643197	.0122213	-.004201
#2	.0043253	-.977045	-.002701	-.038459	-.647026	.0127985	-.002338
#3	.0592774	-1.00885	-.003163	-.039343	-.653821	.0123581	-.005409

Sample Name: LR CHECK 2 Acquired: 08/23/2019 13:09:22 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0025465	.0040304	.0004830
Stddev	.0010739	.0010361	.0000861
%RSD	42.17028	25.70654	17.83199

#1	.0037415	.0052089	.0003838
#2	.0022355	.0036197	.0005264
#3	.0016625	.0032626	.0005389

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1288.837	1580.968	30112.72	4878.929	2552.004
Stddev	11.383	18.106	277.74	28.108	10.089
%RSD	.8832191	1.145254	.9223496	.5761077	.3953320

#1	1277.094	1560.061	29806.40	4876.727	2540.762
#2	1289.596	1591.529	30348.15	4908.073	2554.980
#3	1299.822	1591.314	30183.61	4851.987	2560.270

Sample Name: K4090-13 Acquired: 08/23/2019 13:16:50 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OR-03-082219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1481768	-.017076	.5459178	.0552701	.0024996	154.7405	.8962244
Stddev	.0022138	.002554	.0003917	.0022670	.0008950	.9620	.0030224
%RSD	1.494027	14.95380	.0717553	4.101580	35.80457	.6217082	.3372329

#1	.1462156	-.016254	.5455064	.0537002	.0024076	154.1626	.8958828
#2	.1505773	-.019939	.5462864	.0578690	.0016542	154.2078	.8933873
#3	.1477375	-.015035	.5459606	.0542409	.0034371	155.8510	.8994030

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091645	-.000554	161.5021	.1855428	.1271574	.3903995	248.5637
Stddev	.0000955	.000136	1.3053	.0001075	.0001908	.0036777	1.5771
%RSD	1.042022	24.53758	.8082298	.0579487	.1500560	.9420458	.6344754

#1	.0091450	-.000711	161.2261	.1854558	.1269372	.3861561	247.7734
#2	.0090802	-.000473	160.3569	.1855096	.1272612	.3926665	247.5380
#3	.0092682	-.000478	162.9234	.1856630	.1272738	.3923759	250.3797

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.211545	66.66764	.2255366	.0028562	12.71096	.4567216	.7789802
Stddev	.027803	.50645	.0009907	.0000213	.12398	.0052882	.0041286
%RSD	.6601586	.7596593	.4392515	.7473005	.9753690	1.157858	.5300038

#1	4.202639	66.44904	.2261596	.0028805	12.81484	.4518287	.7814653
#2	4.189286	66.30720	.2260559	.0028479	12.57371	.4560042	.7812610
#3	4.242709	67.24667	.2243942	.0028403	12.74434	.4623318	.7742144

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.45676	7.782693	-.010096	.0028526	3.790799	3.685616	.0076609
Stddev	.07227	.046537	.000677	.0002015	.033840	.054477	.0013215
%RSD	.6911346	.5979530	6.702140	7.062885	.8926758	1.478095	17.24963

#1	10.39681	7.730186	-.010819	.0026259	3.752138	3.686052	.0061774
#2	10.43647	7.818843	-.009477	.0029209	3.815037	3.630922	.0080930
#3	10.53701	7.799050	-.009994	.0030111	3.805223	3.739873	.0087121

Sample Name: K4090-13 Acquired: 08/23/2019 13:16:50 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: OR-03-082219 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.088035	.0777922	.6523867
Stddev	.023078	.0009228	.0040827
%RSD	.5645330	1.186240	.6258100

#1	4.081385	.0772916	.6504830
#2	4.069012	.0772277	.6496035
#3	4.113708	.0788571	.6570736

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1694.786	2829.137	36514.56	6023.522	2515.336
Stddev	14.686	6.293	104.22	56.069	3.135
%RSD	.8665308	.2224296	.2854291	.9308294	.1246157

#1	1679.589	2823.168	36458.82	5999.759	2518.293
#2	1695.867	2835.710	36450.07	6087.559	2515.666
#3	1708.901	2828.535	36634.80	5983.248	2512.050

Sample Name: K4090-13DUP Acquired: 08/23/2019 13:20:29 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OR-03-082219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1574937	-.013246	.5481510	.0546895	.0022926	155.9010	.9033376
Stddev	.0066399	.002314	.0021511	.0008373	.0009305	1.0852	.0110974
%RSD	4.215965	17.46899	.3924234	1.530951	40.58589	.6960569	1.228488

#1	.1628963	-.010589	.5464909	.0543626	.0012294	157.0099	.9129254
#2	.1500811	-.014823	.5505811	.0556408	.0029583	155.8517	.9059062
#3	.1595038	-.014324	.5473811	.0540649	.0026901	154.8413	.8911811

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091450	-.000677	164.0186	.1865479	.1271567	.3878658	249.4431
Stddev	.0001955	.000074	3.3932	.0003586	.0005501	.0013392	2.9881
%RSD	2.137700	10.90259	2.068790	.1922040	.4326135	.3452778	1.197890

#1	.0092245	-.000755	166.9535	.1861384	.1277863	.3868150	251.9456
#2	.0092882	-.000668	164.7991	.1866996	.1269143	.3893737	250.2488
#3	.0089223	-.000608	160.3032	.1868056	.1267693	.3874085	246.1347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.257201	67.15052	.2254737	.0028782	12.75866	.4612944	.7706455
Stddev	.073451	.96921	.0009848	.0002592	.29864	.0034436	.0012569
%RSD	1.725331	1.443336	.4367538	9.006981	2.340677	.7465114	.1630929

#1	4.322455	67.93445	.2263989	.0031605	12.82167	.4651918	.7700039
#2	4.271494	67.45025	.2255835	.0028234	13.02076	.4586627	.7698388
#3	4.177654	66.06685	.2244386	.0026508	12.43354	.4600288	.7720936

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.36845	7.754189	-.013632	.0023818	3.789334	3.723265	.0081098
Stddev	.03532	.025815	.006641	.0005075	.004655	.083001	.0006178
%RSD	.3406459	.3329204	48.71323	21.30899	.1228567	2.229261	7.618301

#1	10.40897	7.758781	-.016840	.0020072	3.785451	3.784418	.0086245
#2	10.35214	7.726386	-.018060	.0021788	3.794495	3.756599	.0082803
#3	10.34422	7.777400	-.005997	.0029595	3.788055	3.628779	.0074247

Sample Name: K4090-13DUP Acquired: 08/23/2019 13:20:29 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: OR-03-082219 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.086548	.0790760	.6595431
Stddev	.027168	.0028654	.0004019
%RSD	.6648079	3.623637	.0609358

#1	4.113104	.0813381	.6591058
#2	4.087732	.0800362	.6598962
#3	4.058808	.0758538	.6596274

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1698.201	2830.126	36444.96	6007.177	2520.906
Stddev	9.185	4.384	92.86	144.080	3.810
%RSD	.5408483	.1549003	.2548015	2.398466	.1511483

#1	1693.729	2828.074	36531.35	5904.543	2516.535
#2	1708.765	2827.144	36456.78	5945.098	2522.658
#3	1692.108	2835.159	36346.76	6171.891	2523.525

Sample Name: K4090-13LX5 Acquired: 08/23/2019 13:24:08 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA8502 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0346844	-.000783	.1083078	.0132814	-.000349	36.08790	.2143942
Stddev	.0036982	.002174	.0009559	.0015912	.002093	.23687	.0024168
%RSD	10.66237	277.6178	.8825686	11.98038	599.4724	.6563826	1.127246

#1	.0304319	.000841	.1073596	.0146866	.001410	35.82330	.2116054
#2	.0371479	-.003253	.1082926	.0115537	-.002664	36.16020	.2157009
#3	.0364735	.000063	.1092712	.0136038	.000207	36.28020	.2158762

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023015	-.000411	38.47620	.0463367	.0251234	.1048713	60.55962
Stddev	.0000771	.000040	.40431	.0005117	.0001301	.0007968	.53562
%RSD	3.349085	9.818533	1.050804	1.104289	.5178379	.7598149	.8844440

#1	.0022582	-.000365	38.03850	.0457601	.0251740	.1039660	59.94633
#2	.0022557	-.000441	38.55441	.0465133	.0249755	.1051813	60.79708
#3	.0023904	-.000427	38.83570	.0467368	.0252205	.1054665	60.93546

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.022046	15.84352	.0463235	.0007681	2.767082	.1102207	.1921345
Stddev	.008833	.16169	.0001489	.0004210	.321681	.0027463	.0001792
%RSD	.8642910	1.020547	.3213504	54.81287	11.62528	2.491639	.0932530

#1	1.011848	15.67083	.0464900	.0007467	2.411198	.1105544	.1923413
#2	1.026983	15.99133	.0462770	.0011993	3.037158	.1127849	.1920255
#3	1.027308	15.86841	.0462034	.0003582	2.852889	.1073228	.1920368

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.448005	1.648502	.0055458	.0004273	.7817869	.8691808	.0004649
Stddev	.062186	.017936	.0011718	.0000924	.0100651	.0153213	.0013581
%RSD	2.540267	1.088003	21.12902	21.62101	1.287442	1.762728	292.1435

#1	2.424209	1.652289	.0045043	.0003807	.7876230	.8657818	-.000938
#2	2.401231	1.664242	.0053185	.0005338	.7875729	.8859161	.000560
#3	2.518574	1.628975	.0068146	.0003676	.7701648	.8558444	.001773

Sample Name: K4090-13LX5 Acquired: 08/23/2019 13:24:08 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA8502 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9843861	.0199923	.1563569
Stddev	.0050447	.0008231	.0005477
%RSD	.5124749	4.117168	.3503068

#1	.9789917	.0190512	.1557619
#2	.9851796	.0205779	.1564687
#3	.9889871	.0203478	.1568401

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1447.841	2409.313	30904.51	5077.660	2495.334
Stddev	2.327	4.396	173.38	22.273	7.372
%RSD	.1607407	.1824682	.5610154	.4386450	.2954141

#1	1450.490	2404.266	30968.19	5101.370	2489.571
#2	1446.906	2411.368	31037.05	5074.434	2492.791
#3	1446.126	2412.306	30708.30	5057.176	2503.641

Sample Name: K4090-13MS Acquired: 08/23/2019 13:27:54 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OR-03-082219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6539084	1.962769	1.562084	1.473312	.1293237	172.5578	1.068510
Stddev	.0030100	.008223	.004282	.003906	.0011059	1.2595	.010555
%RSD	.4603016	.4189728	.2740992	.2650924	.8551708	.7298990	.9878246

#1	.6566014	1.961851	1.559400	1.470374	.1283768	171.1508	1.056333
#2	.6506591	1.955043	1.559831	1.471817	.1290552	172.9424	1.075039
#3	.6544645	1.971413	1.567022	1.477744	.1305392	173.5802	1.074158

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1679026	.1925872	183.7349	.5037789	.3457152	.6640111	264.1790
Stddev	.0023486	.0004919	2.3895	.0013389	.0007327	.0041036	2.3472
%RSD	1.398773	.2554147	1.300497	.2657773	.2119449	.6179966	.8884937

#1	.1662253	.1921920	180.9914	.5028265	.3448703	.6592807	261.4792
#2	.1705867	.1924316	184.8526	.5053098	.3460984	.6661378	265.7352
#3	.1668957	.1931381	185.3607	.5032004	.3461767	.6666147	265.3226

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.473706	71.65084	.7383806	.0621907	16.29923	.7438395	.9148475
Stddev	.047479	.73934	.0000218	.0002203	.34835	.0030601	.0031764
%RSD	1.061300	1.031869	.0029492	.3542943	2.137211	.4113975	.3472021

#1	4.418882	70.81001	.7384051	.0622779	16.34203	.7406571	.9179584
#2	4.501271	71.94323	.7383732	.0619401	15.93146	.7441009	.9116095
#3	4.500966	72.19927	.7383634	.0623541	16.62420	.7467606	.9149747

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.78610	13.95760	.1678971	.2887394	7.331108	4.620572	.6477059
Stddev	.14072	.01150	.0013505	.0006641	.074861	.050304	.0022154
%RSD	.7111900	.0823986	.8043844	.2300025	1.021138	1.088704	.3420398

#1	19.62655	13.94970	.1666380	.2890560	7.263148	4.592528	.6474525
#2	19.89252	13.95231	.1677298	.2891859	7.318827	4.678647	.6500371
#3	19.83922	13.97079	.1693234	.2879762	7.411350	4.590541	.6456281

Sample Name: K4090-13MS Acquired: 08/23/2019 13:27:54 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OR-03-082219 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.615553	.1718658	.9000811
Stddev	.033776	.0029765	.0037639
%RSD	.7317776	1.731855	.4181710

#1	4.576782	.1685577	.8958570
#2	4.631275	.1743271	.9013073
#3	4.638601	.1727126	.9030790

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1686.525	2825.133	36548.39	5981.842	2500.315
Stddev	19.277	1.461	297.63	57.070	3.393
%RSD	1.143029	.0517271	.8143470	.9540462	.1357221

#1	1681.122	2825.489	36509.31	6047.140	2504.127
#2	1707.927	2823.526	36863.63	5941.511	2497.623
#3	1670.525	2826.383	36272.23	5956.875	2499.195

Sample Name: K4090-13MSD Acquired: 08/23/2019 13:31:28 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OR-03-082219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6600850	1.996933	1.564060	1.490581	.1363976	175.4902	1.090005
Stddev	.0032134	.005188	.005368	.005025	.0026604	1.2743	.007717
%RSD	.4868148	.2598130	.3432229	.3370984	1.950484	.7261126	.7080114

#1	.6623422	2.000464	1.569240	1.484839	.1348932	174.1121	1.081690
#2	.6564060	1.990976	1.564418	1.492729	.1394694	175.7325	1.091386
#3	.6615069	1.999359	1.558522	1.494174	.1348302	176.6259	1.096938

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1707429	.1957782	190.9126	.5074085	.3446248	.6762332	266.8876
Stddev	.0008191	.0001136	1.6643	.0017461	.0005785	.0029506	2.0066
%RSD	.4797070	.0580414	.8717450	.3441158	.1678696	.4363351	.7518686

#1	.1708933	.1957998	189.0389	.5092004	.3446866	.6728581	264.6058
#2	.1714762	.1956553	191.4798	.5073128	.3440178	.6783240	267.6797
#3	.1698590	.1958794	192.2192	.5057122	.3451699	.6775175	268.3773

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.602922	71.87411	.7493751	.0631035	17.19884	.7587863	.9695548
Stddev	.038223	.67091	.0009137	.0004013	.23511	.0050345	.0018653
%RSD	.8304175	.9334558	.1219310	.6359711	1.366986	.6634945	.1923878

#1	4.558849	71.15337	.7485846	.0628739	17.10393	.7550916	.9714160
#2	4.622900	71.98847	.7503756	.0635669	17.46656	.7567466	.9695629
#3	4.627016	72.48050	.7491652	.0628696	17.02602	.7645206	.9676854

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.35886	14.40661	.1779437	.2913131	5.081134	4.664100	.6625536
Stddev	.11836	.02537	.0054630	.0004154	.137913	.071372	.0044894
%RSD	.5813573	.1760865	3.070090	.1425855	2.714223	1.530252	.6775860

#1	20.36833	14.39018	.1718306	.2910991	4.961589	4.710092	.6586567
#2	20.23605	14.39383	.1796521	.2917918	5.049792	4.700329	.6674626
#3	20.47219	14.43583	.1823484	.2910484	5.232021	4.581879	.6615415

Sample Name: K4090-13MSD Acquired: 08/23/2019 13:31:28 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OR-03-082219 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.628008	.1755178	.9119181
Stddev	.026602	.0013891	.0028122
%RSD	.5748097	.7914244	.3083832

#1	4.597810	.1741160	.9086721
#2	4.638235	.1755434	.9134612
#3	4.647980	.1768938	.9136209

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1698.766	2841.256	36620.94	5970.043	2499.497
Stddev	9.206	6.442	264.92	17.720	3.768
%RSD	.5419471	.2267253	.7234210	.2968164	.1507365

#1	1693.935	2848.503	36381.13	5949.628	2503.630
#2	1709.382	2839.084	36905.32	5981.442	2496.254
#3	1692.980	2836.180	36576.36	5979.060	2498.608

Sample Name: K4090-13A Acquired: 08/23/2019 13:35:01 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB8502 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6567930	1.996771	1.566239	1.492808	.1328592	174.1894	1.083034
Stddev	.0011502	.002122	.005033	.004151	.0006283	1.1871	.003214
%RSD	.1751290	.1062507	.3213257	.2780776	.4729252	.6814971	.2967559

#1	.6568172	1.998181	1.560639	1.490659	.1334898	172.8892	1.079591
#2	.6579309	1.997801	1.567698	1.490172	.1328545	174.4635	1.083557
#3	.6556308	1.994331	1.570382	1.497593	.1322332	175.2154	1.085955

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1684411	.1958346	188.3053	.5071472	.3457253	.6660974	265.8748
Stddev	.0012541	.0003940	1.0138	.0005028	.0006139	.0055047	1.2647
%RSD	.7445421	.2011880	.5383889	.0991446	.1775558	.8264133	.4756733

#1	.1675618	.1956274	187.1578	.5066747	.3450763	.6608298	264.4146
#2	.1698772	.1955875	188.6788	.5070914	.3458030	.6718120	266.6233
#3	.1678843	.1962890	189.0795	.5076756	.3462966	.6656503	266.5863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.544008	71.65385	.7483258	.0630314	16.66634	.7534392	.9262120
Stddev	.023611	.40429	.0015485	.0002206	.13931	.0038462	.0033002
%RSD	.5196112	.5642306	.2069286	.3499864	.8358918	.5104917	.3563103

#1	4.516753	71.18730	.7472800	.0632593	16.53616	.7491373	.9267524
#2	4.558240	71.87316	.7475928	.0630159	16.81327	.7546340	.9226750
#3	4.557031	71.90111	.7501047	.0628189	16.64959	.7565462	.9292086

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.14855	14.22581	.1777495	.2912837	5.641275	4.374782	.6578676
Stddev	.11138	.03236	.0027219	.0003653	.003297	.040147	.0013195
%RSD	.5528178	.2274969	1.531295	.1254094	.0584377	.9176939	.2005752

#1	20.02208	14.26051	.1754458	.2908679	5.643724	4.342886	.6563534
#2	20.23207	14.22047	.1770498	.2915528	5.642575	4.419863	.6587716
#3	20.19149	14.19644	.1807529	.2914306	5.637527	4.361595	.6584777

Sample Name: K4090-13A Acquired: 08/23/2019 13:35:01 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB8502 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.624648	.1750890	.9064683
Stddev	.027189	.0005065	.0081075
%RSD	.5879057	.2892909	.8944072

#1	4.595551	.1745596	.8984201
#2	4.628989	.1751382	.9063509
#3	4.649406	.1755691	.9146338

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1682.958	2835.213	36498.39	6003.298	2499.349
Stddev	13.784	2.313	349.41	31.492	3.251
%RSD	.8190637	.0815689	.9573278	.5245739	.1300658

#1	1670.239	2837.762	36101.71	5982.426	2503.033
#2	1697.605	2833.248	36760.52	5987.947	2498.133
#3	1681.030	2834.631	36632.95	6039.522	2496.882

Sample Name: K4474-09 Acquired: 08/23/2019 13:38:35 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T1-2-F1-F4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532079	-.009360	2.986310	.0509286	.0121100	102.0380	1.112888
Stddev	.0015777	.004878	.003640	.0037533	.0018906	.2416	.006944
%RSD	2.965069	52.12171	.1218732	7.369798	15.61216	.2367963	.6239703

#1	.0545177	-.010020	2.982185	.0506048	.0110454	101.9696	1.120737
#2	.0514565	-.013874	2.987672	.0473476	.0142929	101.8380	1.107545
#3	.0536494	-.004185	2.989071	.0548333	.0109917	102.3065	1.110381

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080151	.0103906	108.3812	.2446951	.1299947	.7487641	232.4662
Stddev	.0001570	.0000496	1.0939	.0006298	.0005492	.0041861	1.1421
%RSD	1.958521	.4774121	1.009319	.2573743	.4224723	.5590636	.4913137

#1	.0081508	.0103459	109.6227	.2443838	.1302782	.7450391	233.7157
#2	.0078432	.0103820	107.5587	.2442816	.1293617	.7479589	231.4761
#3	.0080513	.0104439	107.9622	.2454199	.1303442	.7532942	232.2069

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.252298	80.35620	.4975929	.0052134	2.053285	.4895328	2.811849
Stddev	.036656	.52408	.0007007	.0002774	.129291	.0039116	.009402
%RSD	.8620273	.6521948	.1408129	5.321508	6.296807	.7990499	.3343788

#1	4.293996	80.94870	.4970188	.0055103	2.018908	.4934323	2.816182
#2	4.225157	79.95332	.4973862	.0049607	1.944656	.4895567	2.818303
#3	4.237741	80.16660	.4983736	.0051693	2.196290	.4856092	2.801061

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.29775	6.963100	-.069559	.0066716	2.148779	3.060160	.0896682
Stddev	.08942	.048698	.012086	.0002807	.019575	.099571	.0037585
%RSD	.5486926	.6993668	17.37479	4.207761	.9109654	3.253791	4.191527

#1	16.24028	7.017823	-.083508	.0068393	2.171354	3.173674	.0853283
#2	16.25219	6.924535	-.062216	.0063475	2.136522	2.987580	.0918437
#3	16.40078	6.946944	-.062953	.0068281	2.138461	3.019226	.0918326

Sample Name: K4474-09 Acquired: 08/23/2019 13:38:35 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T1-2-F1-F4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.975916	.0897497	.3579921
Stddev	.015523	.0018764	.0017276
%RSD	.3904150	2.090712	.4825908

#1	3.987976	.0918935	.3563095
#2	3.958403	.0884059	.3579054
#3	3.981369	.0889497	.3597615

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1616.271	2712.078	34686.45	5671.040	2522.477
Stddev	18.511	3.086	270.73	114.211	2.491
%RSD	1.145285	.1137833	.7805039	2.013933	.0987398

#1	1632.206	2714.793	34959.88	5539.375	2525.290
#2	1595.966	2712.721	34418.50	5730.359	2521.590
#3	1620.642	2708.722	34680.96	5743.386	2520.551

Sample Name: CCV02 Acquired: 08/23/2019 13:42:17 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15394 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.957142	4.875048	4.978909	4.926456	4.938717	9.961670	10.13821
Stddev	.020364	.004852	.006879	.011097	.023686	.020587	.06496
%RSD	.4108042	.0995195	.1381686	.2252466	.4795994	.2066615	.6407369

#1	4.941829	4.870946	4.977795	4.916749	4.913583	9.968705	10.20248
#2	4.949345	4.873794	4.972655	4.924066	4.941941	9.938488	10.07258
#3	4.980253	4.880403	4.986277	4.938553	4.960625	9.977818	10.13958

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2523051	2.522169	25.02220	1.004014	2.496165	1.269592	5.086923
Stddev	.0035075	.005841	.14955	.001539	.002787	.006449	.023584
%RSD	1.390175	.2315859	.5976697	.1532810	.1116629	.5079605	.4636192

#1	.2563120	2.518474	25.15641	1.004048	2.493916	1.265949	5.103159
#2	.2497906	2.519131	24.86099	1.005536	2.495297	1.277038	5.059870
#3	.2508127	2.528903	25.04921	1.002458	2.499283	1.265788	5.097738

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.536249	24.95110	2.497773	1.240289	25.24572	2.491435	2.510135
Stddev	.010361	.03532	.003783	.006225	.20341	.009966	.007075
%RSD	.4085159	.1415769	.1514682	.5019335	.8057130	.3999937	.2818512

#1	2.546946	24.93487	2.494525	1.241098	25.02231	2.502941	2.512724
#2	2.526260	24.92679	2.496867	1.246070	25.42019	2.485862	2.515550
#3	2.535541	24.99162	2.501927	1.233699	25.29467	2.485503	2.502130

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.00300	4.962052	4.997593	4.957018	4.918463	5.030021	4.946603
Stddev	.10909	.015897	.076057	.015880	.009204	.073770	.004929
%RSD	.4362911	.3203810	1.521864	.3203497	.1871234	1.466600	.0996419

#1	25.12380	4.980136	5.084855	4.940909	4.916363	5.114183	4.943588
#2	24.97351	4.950282	4.945383	4.957485	4.910491	4.976557	4.943930
#3	24.91169	4.955736	4.962541	4.972659	4.928535	4.999322	4.952291

Sample Name: CCV02 Acquired: 08/23/2019 13:42:17 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15394 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.010024	4.971530	4.957813
Stddev	.009292	.045735	.089002
%RSD	.1854593	.9199393	1.795188

#1	5.017757	5.014871	5.053718
#2	4.999717	4.923728	4.877875
#3	5.012598	4.975993	4.941846

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1365.159	2289.776	29349.06	4782.713	2514.401
Stddev	2.840	3.987	181.77	69.422	2.334
%RSD	.2080065	.1741044	.6193310	1.451515	.0928347

#1	1362.650	2292.362	29376.66	4702.562	2513.271
#2	1364.585	2291.782	29155.07	4821.645	2517.086
#3	1368.242	2285.185	29515.44	4823.931	2512.847

Sample Name: CCB02 Acquired: 08/23/2019 13:45:55 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15394 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023875	.0015754	-.000219	-.000871	.0003548	.0008329	.0013165
Stddev	.0010892	.0029961	.001666	.000448	.0008063	.0152646	.0002996
%RSD	45.61911	190.1770	760.2560	51.48379	227.2367	1832.740	22.76151

#1	.0023484	.0043074	-.000102	-.000393	.0012848	-.009521	.0015208
#2	.0013184	.0020477	-.001941	-.001282	-.000072	.018363	.0009725
#3	.0034956	-.001629	.001385	-.000937	-.000148	-.006343	.0014560

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000016	.0000917	-.007022	.0003135	.0001748	.0098418	.0023115
Stddev	.000050	.0000449	.005741	.0001438	.0003289	.0021218	.0069450
%RSD	322.8369	48.99121	81.75309	45.86484	188.1764	21.55907	300.4488

#1	.000043	.0001376	-.013413	.0004348	-.000156	.0120247	-.005478
#2	-.000046	.0000478	-.005349	.0003509	.000501	.0077869	.007857
#3	-.000044	.0000896	-.002304	.0001547	.000179	.0097137	.004555

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004934	-.012482	.0000718	.0004536	.0407319	-.003487	.0000734
Stddev	.0002685	.026187	.0001315	.0001171	.2043657	.002017	.0000551
%RSD	54.41389	209.7944	183.2734	25.82068	501.7342	57.86058	75.03745

#1	.0002396	-.000893	.0001959	.0003721	-.030385	-.001202	.0000991
#2	.0007744	.005911	.0000854	.0005878	.271155	-.005024	.0001109
#3	.0004661	-.042464	-.000066	.0004009	-.118574	-.004233	.0000102

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2062701	.0014036	.0086947	.0004771	-.004159	.0065514	.0012572
Stddev	.0401996	.0004673	.0002775	.0004929	.002721	.0016996	.0014034
%RSD	19.48882	33.28938	3.191520	103.3243	65.42701	25.94272	111.6266

#1	.1885360	.0018306	.0088235	.0010387	-.005766	.0083760	.0024310
#2	.1779870	.0014757	.0083762	.0001162	-.001017	.0062649	.0016378
#3	.2522873	.0009045	.0088844	.0002763	-.005694	.0050133	-.000297

Sample Name: CCB02 Acquired: 08/23/2019 13:45:55 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB15394 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000369	.0022595	.0001660
Stddev	.000772	.0001818	.0000334
%RSD	209.0806	8.044642	20.10206

#1	-.000443	.0024694	.0002034
#2	.000437	.0021533	.0001391
#3	-.001102	.0021558	.0001556

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1392.362	2311.327	29518.10	4781.154	2453.949
Stddev	8.026	3.741	90.37	76.186	5.468
%RSD	.5764376	.1618349	.3061367	1.593475	.2228301

#1	1389.202	2307.784	29470.75	4841.153	2447.689
#2	1401.487	2315.238	29622.30	4806.873	2457.792
#3	1386.397	2310.957	29461.25	4695.437	2456.366

Sample Name: PB122485BL Acquired: 08/23/2019 14:12:12 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	-.002198	.0022330	-.001415	.0029545	.0000639	.0001037
Stddev	.001497	.0018550	.001119	.0013380	.0023968	.0055613
%RSD	68.12753	83.07284	79.10632	45.28894	3751.023	5364.041

#1	-.002331	.0008938	-.002237	.0014706	.0008865	.0027928
#2	-.003624	.0043503	-.001868	.0040691	-.002636	.0038094
#3	-.000638	.0014548	-.000140	.0033237	.001941	-.006291

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006532	-.000010	.0000070	.0066070	.0003023	.0004781
Stddev	.0002955	.000064	.0001098	.0052388	.0000493	.0000459
%RSD	45.23161	634.5284	1579.243	79.29177	16.29598	9.609773

#1	.0006035	-.000021	-.000023	.0026996	.0002460	.0004962
#2	.0009704	-.000068	-.000085	.0045613	.0003374	.0005122
#3	.0003858	.000059	.000128	.0125599	.0003235	.0004258

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038289	-.005191	-.000349	-.006482	.0004667	-.000114
Stddev	.0004954	.013543	.000505	.015396	.0001187	.000133
%RSD	12.93755	260.9152	144.6723	237.5227	25.43721	116.5560

#1	.0033087	.005924	-.000892	-.011358	.0003434	-.000224
#2	.0042950	-.020275	-.000262	-.018849	.0004764	-.000152
#3	.0038829	-.001221	.000107	.010762	.0005802	.000034

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.348630	-.003541	-.000223	.0686368	.0012213	-.000798
Stddev	.396395	.001264	.000176	.0178290	.0026537	.001234
%RSD	113.7007	35.69333	78.99288	25.97592	217.2800	154.5955

#1	-.147520	-.004401	-.000238	.0564319	.0019709	-.000569
#2	-.805269	-.004131	-.000039	.0603813	-.001727	.000305
#3	-.093103	-.002090	-.000390	.0890974	.003420	-.002130

Sample Name: PB122485BL Acquired: 08/23/2019 14:12:12 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	-.000233	F .0214439	.0023704	.0000844	.0001589	-.001606
Stddev	.000438	.0031659	.0006692	.0001731	.0002628	.000620
%RSD	188.1948	14.76387	28.23282	205.2241	165.4547	38.64258

#1	.000242	.0250996	.0030830	.0002528	-.000012	-.001404
#2	-.000622	.0195961	.0022729	.0000933	.000462	-.002302
#3	-.000318	.0196362	.0017552	-.000093	.000027	-.001111

Elem	Sr4077
Units	ppm
Avg	-.000029
Stddev	.000044
%RSD	153.5371

#1	-.000047
#2	-.000061
#3	.000022

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1387.354	2305.412	29283.83	4771.735	2449.106
Stddev	6.666	4.092	145.28	43.208	3.283
%RSD	.4804878	.1774865	.4961210	.9055049	.1340525

#1	1379.707	2301.389	29249.66	4791.083	2448.696
#2	1391.937	2309.569	29158.68	4722.234	2452.575
#3	1390.417	2305.277	29443.15	4801.888	2446.047

Sample Name: PB122501BL Acquired: 08/23/2019 14:16:04 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0024019	.0026329	-.000826	.0034101	-.001192	.0023400	.0001431
Stddev	.0014875	.0038319	.000742	.0007370	.000758	.0029213	.0002421
%RSD	61.92860	145.5383	89.77292	21.61326	63.58217	124.8424	169.1660

#1	.0018719	.0070383	.000028	.0026772	-.000878	.0046384	.0001448
#2	.0040818	.0007872	-.001196	.0034018	-.002057	-.000947	-.000100
#3	.0012521	.0000732	-.001309	.0041512	-.000642	.003329	.000384

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000993	.0000468	.0017522	.0000370	.0003631	.0053166	-.006921
Stddev	.0000631	.0000705	.0043324	.0003896	.0002378	.0012600	.006705
%RSD	63.61868	150.6687	247.2514	1052.378	65.48729	23.69878	96.87783

#1	.0000291	.0000650	.0067425	-.000400	.0003279	.0067476	.000779
#2	.0001172	-.000031	-.001048	.000163	.0001449	.0048281	-.011469
#3	.0001515	.000106	-.000438	.000348	.0006165	.0043740	-.010075

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003546	-.012112	.0004509	.0001391	-.128867	-.004432	-.000399
Stddev	.0000555	.026304	.0001703	.0001812	.129632	.002387	.000188
%RSD	15.64108	217.1708	37.77323	130.2620	100.5939	53.85696	46.98225

#1	.0003185	.010942	.0005133	.0002292	-.059831	-.006688	-.000483
#2	.0004185	-.040764	.0002582	-.000069	-.278407	-.004676	-.000531
#3	.0003268	-.006514	.0005813	.000258	-.048363	-.001933	-.000184

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.079209	.0029349	-.003323	-.000498	.0090286	.0013985	-.000916
Stddev	.090416	.0014633	.000498	.000447	.0016595	.0005988	.001013
%RSD	114.1490	49.86028	14.99322	89.80826	18.38098	42.81900	110.5178

#1	-.183611	.0045556	-.003716	.000016	.0072232	.0020745	-.002085
#2	-.027298	.0025385	-.002762	-.000797	.0093750	.0009348	-.000336
#3	-.026717	.0017105	-.003490	-.000714	.0104876	.0011861	-.000327

Sample Name: PB122501BL Acquired: 08/23/2019 14:16:04 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000273	-.001509	-.000031
Stddev	.001050	.001260	.000109
%RSD	384.9493	83.47292	352.6234

#1	.000059	-.000129	-.000154
#2	.000571	-.001802	.000011
#3	-.001449	-.002597	.000051

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1395.021	2304.909	29427.09	4692.680	2452.361
Stddev	12.237	2.369	240.00	27.341	9.856
%RSD	.8772097	.1027935	.8155853	.5826225	.4019186

#1	1402.988	2305.407	29213.13	4665.665	2453.726
#2	1401.145	2306.990	29686.61	4692.041	2461.464
#3	1380.931	2302.330	29381.53	4720.335	2441.894

Sample Name: PB122503BS Acquired: 08/23/2019 14:19:57 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.7365343	1.934089	.9958271	1.635632	.7780993	2.070769
Stddev	.0007964	.010633	.0033994	.007602	.0038613	.024188
%RSD	.1081282	.5497873	.3413607	.4647909	.4962419	1.168090

#1	.7356490	1.940792	.9981044	1.637269	.7824813	2.050908
#2	.7371925	1.921828	.9919197	1.627344	.7766209	2.063694
#3	.7367614	1.939645	.9974571	1.642282	.7751957	2.097707

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2106269	.1951663	.2083227	1.020927	.4205231	.2052369
Stddev	.0029256	.0022446	.0001873	.018745	.0013927	.0002728
%RSD	1.388982	1.150087	.0899052	1.836046	.3311822	.1329285

#1	.2082008	.1927704	.2082791	1.008536	.4192255	.2049716
#2	.2098040	.1955084	.2081611	1.011754	.4219946	.2055167
#3	.2138758	.1972203	.2085280	1.042492	.4203493	.2052225

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3210859	3.275427	.2321145	2.050143	.5179075	.0716007
Stddev	.0066255	.038586	.0034760	.059305	.0012654	.0002614
%RSD	2.063466	1.178030	1.497555	2.892702	.2443362	.3650334

#1	.3145677	3.242663	.2289127	1.990330	.5173644	.0714985
#2	.3208761	3.265661	.2316191	2.051172	.5170043	.0718978
#3	.3278137	3.317957	.2358116	2.108925	.5193539	.0714059

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.946377	.3155456	.2070381	9.927436	F 5.752794	.2781463
Stddev	.381365	.0046256	.0002952	.111899	.031137	.0034973
%RSD	12.94353	1.465889	.1425709	1.127172	.5412480	1.257347

#1	2.506076	.3103565	.2071449	9.799883	5.772476	.2745224
#2	3.160189	.3170444	.2072651	10.00908	5.716896	.2784151
#3	3.172867	.3192358	.2067044	9.97335	5.769010	.2815014

Sample Name: PB122503BS Acquired: 08/23/2019 14:19:57 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.3966139	F .1921430	.9562717	.6996886	.1979697	F .1081138
Stddev	.0010650	.0009302	.0141268	.0047739	.0022008	.0016751
%RSD	.2685095	.4841459	1.477279	.6822892	1.111675	1.549422

#1	.3974460	.1926143	.9411532	.6972428	.1964419	.1071745
#2	.3954138	.1910714	.9585263	.6966332	.1969750	.1071192
#3	.3969820	.1927432	.9691356	.7051897	.2004923	.1100479

Elem	Sr4077
Units	ppm
Avg	.2100356
Stddev	.0027581
%RSD	1.313141

#1	.2068509
#2	.2116112
#3	.2116447

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1370.880	2263.931	29468.42	4725.153	2477.494
Stddev	11.413	8.422	202.55	41.175	6.764
%RSD	.8325419	.3720260	.6873356	.8714066	.2730259

#1	1359.173	2254.643	29240.89	4744.412	2469.775
#2	1381.975	2271.073	29629.07	4753.170	2482.386
#3	1371.493	2266.077	29535.31	4677.878	2480.320

Sample Name: PB122501TB Acquired: 08/23/2019 14:29:07 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	-.008758	-.012288	-.000185	.0092914	.0029401	-.001667
Stddev	.001274	.002001	.001787	.0005681	.0009767	.014276
%RSD	14.54780	16.28119	964.5393	6.114263	33.21999	856.4318

#1	-.007458	-.010860	.001215	.0095866	.0040607	.014732
#2	-.008812	-.014575	-.002197	.0096512	.0022703	-.011316
#3	-.010005	-.011429	.000426	.0086365	.0024892	-.008417

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000386	-.000206	-.000279	.0190622	.0008713	-.000567
Stddev	.000305	.000028	.000147	.0099663	.0005364	.000490
%RSD	78.93958	13.80003	52.63756	52.28278	61.56224	86.32812

#1	-.000643	-.000238	-.000179	.0091369	.0009721	-.000529
#2	-.000466	-.000199	-.000447	.0290689	.0013502	-.001075
#3	-.000049	-.000182	-.000210	.0189808	.0002917	-.000098

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039668	-.005906	.0000670	-.003733	.0018239	.0014739
Stddev	.0009814	.003452	.0003565	.017002	.0003139	.0004136
%RSD	24.73994	58.45587	532.2188	455.4709	17.20938	28.06357

#1	.0028413	-.009852	.0002991	.015134	.0021616	.0017260
#2	.0044157	-.003445	.0002453	-.008465	.0017691	.0016991
#3	.0046434	-.004420	-.000343	-.017868	.0015410	.0009965

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 320.9220	-.002718	.0026865	-.275352	-.000134	-.000789
Stddev	4.7165	.002891	.0000767	.065473	.002711	.000044
%RSD	1.469664	106.3574	2.856599	23.77813	2029.074	5.615886

#1	315.6675	-.001048	.0027698	-.251689	.002408	-.000840
#2	322.3088	-.006057	.0026186	-.349367	-.002988	-.000769
#3	324.7895	-.001050	.0026710	-.224999	.000179	-.000759

Sample Name: PB122501TB Acquired: 08/23/2019 14:29:07 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0010206	F .0129284	.0022349	.0031505	-.000768	.0018344
Stddev	.0002949	.0013950	.0001111	.0011304	.001483	.0001118
%RSD	28.89038	10.79056	4.972925	35.87913	193.1453	6.097254

#1	.0013450	.0143427	.0022412	.0024094	-.000146	.0017054
#2	.0009482	.0128892	.0023427	.0025905	-.002460	.0018924
#3	.0007688	.0115534	.0021207	.0044515	.000303	.0019053

Elem	Sr4077
Units	ppm
Avg	.0000114
Stddev	.0000591
%RSD	517.8946

#1	.0000403
#2	.0000505
#3	-.000057

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1367.664	2289.392	29294.28	4832.251	2561.661
Stddev	14.258	5.316	205.57	14.369	5.036
%RSD	1.042499	.2322067	.7017498	.2973535	.1965843

#1	1351.217	2283.990	29070.28	4845.050	2555.865
#2	1375.235	2289.567	29338.27	4834.994	2564.961
#3	1376.539	2294.618	29474.30	4816.708	2564.158

Sample Name: CCV03 Acquired: 08/23/2019 14:32:59 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	5.020546	4.967884	5.021777	4.980794	4.977607	10.04593	9.998969
Stddev	.017451	.018453	.010151	.007734	.005673	.05713	.034076
%RSD	.3475853	.3714500	.2021381	.1552724	.1139632	.5687172	.3407977

#1	5.038493	4.983303	5.012773	4.989626	4.984124	9.98172	9.962233
#2	5.003638	4.947438	5.019780	4.977523	4.974921	10.06492	10.00513
#3	5.019508	4.972910	5.032778	4.975233	4.973777	10.09115	10.02954

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2537835	2.548085	25.22594	1.005289	2.517461	1.262899	5.045468
Stddev	.0011968	.005161	.12242	.016659	.005528	.010424	.030779
%RSD	.4715826	.2025560	.4853113	1.657147	.2195809	.8254196	.6100336

#1	.2551059	2.544031	25.09516	1.023857	2.512736	1.252944	5.011593
#2	.2527748	2.546329	25.24486	1.000357	2.516106	1.262016	5.053091
#3	.2534699	2.553895	25.33781	.991653	2.523540	1.273737	5.071718

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.537022	25.15073	2.523007	1.245016	25.14215	2.515219	2.496581
Stddev	.015956	.24706	.002672	.025075	.41303	.023477	.041595
%RSD	.6289232	.9823342	.1059062	2.014037	1.642771	.9333878	1.666092

#1	2.519578	24.87814	2.520397	1.273202	24.80828	2.493193	2.536118
#2	2.540608	25.21413	2.522889	1.236664	25.60403	2.512548	2.500431
#3	2.550879	25.35991	2.525737	1.225184	25.01415	2.539918	2.453195

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.88294	5.103725	5.023701	5.024186	5.018678	5.035543	5.030942
Stddev	.15642	.021995	.031258	.012423	.025878	.028236	.009935
%RSD	.6286417	.4309609	.6222092	.2472623	.5156267	.5607285	.1974820

#1	24.73162	5.124879	5.056958	5.035336	5.045040	5.067650	5.028881
#2	24.87318	5.080976	4.994926	5.010795	4.993314	5.014580	5.022199
#3	25.04401	5.105319	5.019219	5.026427	5.017679	5.024400	5.041746

Sample Name: CCV03 Acquired: 08/23/2019 14:32:59 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.001157	4.963027	4.992217
Stddev	.035191	.007688	.053471
%RSD	.7036546	.1548960	1.071086

#1	4.965815	4.954168	4.931350
#2	5.001461	4.966967	5.013679
#3	5.036195	4.967945	5.031623

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1394.064	2302.728	29704.67	4826.879	2528.519
Stddev	26.749	5.950	557.03	18.494	4.855
%RSD	1.918744	.2583731	1.875211	.3831432	.1919921

#1	1372.269	2298.304	29104.08	4806.015	2529.187
#2	1386.009	2309.492	29805.59	4833.367	2533.005
#3	1423.915	2300.388	30204.33	4841.255	2523.365

Sample Name: CCB03 Acquired: 08/23/2019 14:36:38 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0015212	.0034637	.0002216	-.000549	-.000081	.0025937	.0006764
Stddev	.0011122	.0037958	.0008614	.001801	.001473	.0035636	.0004335
%RSD	73.10893	109.5878	388.7247	328.1713	1814.970	137.3950	64.08303

#1	.0025177	.0045047	-.000719	-.000512	.001574	.0056145	.0007768
#2	.0003214	-.000744	.000410	.001234	-.001248	.0035031	.0010510
#3	.0017246	.006630	.000973	-.002368	-.000569	-.001337	.0002016

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000606	.0001257	.0032501	.0003088	.0006022	.0032879	.0012885
Stddev	.0000206	.0000832	.0090598	.0001636	.0001377	.0016546	.0015326
%RSD	34.04787	66.18036	278.7540	52.97448	22.87153	50.32525	118.9529

#1	.0000764	.0002213	-.003874	.0004739	.0006971	.0014299	-.000407
#2	.0000680	.0000705	.013447	.0001468	.0004442	.0046025	.001698
#3	.0000372	.0000852	.000177	.0003057	.0006652	.0038313	.002575

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005545	.0059140	.0000779	.0003303	-.095021	-.001242	-.000480
Stddev	.0001364	.0152078	.0001415	.0002436	.359826	.000802	.000133
%RSD	24.59098	257.1507	181.5684	73.73627	378.6823	64.60838	27.82475

#1	.0005369	.0030574	-.000020	.0000988	.227186	-.000341	-.000511
#2	.0006988	-.007663	.000240	.0005843	-.028941	-.001505	-.000333
#3	.0004278	.022348	.000014	.0003079	-.483307	-.001879	-.000595

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.029475	.0004378	.0084998	.0005468	.0011317	.0051138	.0015555
Stddev	.014719	.0015490	.0008615	.0007531	.0046336	.0008648	.0009122
%RSD	49.93738	353.7681	10.13491	137.7205	409.4461	16.91138	58.64485

#1	-.027371	.0003818	.0092066	.0006700	-.001816	.0058142	.0025133
#2	-.015921	-.001082	.0075403	.0012307	-.001262	.0041472	.0014559
#3	-.045133	.002014	.0087525	-.000260	.006472	.0053802	.0006971

Sample Name: CCB03 Acquired: 08/23/2019 14:36:38 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000455	.0018527	.0002413
Stddev	.001198	.0004034	.0000766
%RSD	263.4397	21.77183	31.75849

#1	-.001773	.0015313	.0002867
#2	-.000162	.0023053	.0002844
#3	.000570	.0017215	.0001528

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1397.061	2317.467	29704.34	4812.964	2460.905
Stddev	3.357	3.134	268.09	20.006	.298
%RSD	.2403234	.1352364	.9025317	.4156767	.0121265

#1	1400.782	2313.957	29644.59	4831.613	2460.647
#2	1396.143	2319.985	29997.27	4791.832	2460.836
#3	1394.257	2318.458	29471.17	4815.448	2461.232

Sample Name: K4474-18 Acquired: 08/23/2019 14:40:30 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T1-2-K1-K4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0598682	-.010579	3.413449	.0608718	.0028826	142.4937	1.840318
Stddev	.0038815	.002230	.022242	.0020278	.0029888	1.2100	.021306
%RSD	6.483451	21.07438	.6516042	3.331272	103.6856	.8491296	1.157721

#1	.0586772	-.008216	3.387877	.0585649	.0008910	141.1093	1.816914
#2	.0567216	-.012644	3.424175	.0623724	.0014374	143.0225	1.845455
#3	.0642056	-.010878	3.428296	.0616782	.0063194	143.3492	1.858586

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105385	.0123357	76.42440	.2676447	.1730377	1.173923	276.2610
Stddev	.0001797	.0001304	.79576	.0017975	.0011667	.004854	2.4532
%RSD	1.704950	1.056831	1.041243	.6715936	.6742476	.4134948	.8879941

#1	.0105393	.0123592	75.53047	.2694432	.1718018	1.168433	273.5555
#2	.0103585	.0124527	76.68725	.2658482	.1741200	1.175690	276.8869
#3	.0107178	.0121951	77.05550	.2676428	.1731914	1.177646	278.3406

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.265417	89.28277	.6627884	.0067976	2.780709	.7638425	2.992699
Stddev	.047075	.74224	.0030568	.0001666	.314503	.0066395	.019103
%RSD	.8940331	.8313396	.4612071	2.450687	11.31019	.8692186	.6383126

#1	5.212710	88.44982	.6592597	.0069099	2.502405	.7564432	3.014703
#2	5.280259	89.52442	.6644789	.0066062	2.717816	.7658041	2.980363
#3	5.303281	89.87408	.6646265	.0068768	3.121907	.7692801	2.983031

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.48843	9.240774	-.095899	.0064822	2.006649	2.685986	.1345735
Stddev	.19661	.047378	.002501	.0002804	.013353	.027783	.0028108
%RSD	.7713615	.5127093	2.607543	4.325465	.6654363	1.034359	2.088660

#1	25.29394	9.186067	-.093791	.0061642	1.992637	2.666571	.1314538
#2	25.48425	9.267853	-.098662	.0065883	2.008084	2.673576	.1353579
#3	25.68709	9.268402	-.095244	.0066940	2.019227	2.717811	.1369087

Sample Name: K4474-18 Acquired: 08/23/2019 14:40:30 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T1-2-K1-K4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.897056	.1054522	.2864652
Stddev	.041116	.0015209	.0017896
%RSD	.6972218	1.442253	.6247249

#1	5.851363	.1037736	.2845130
#2	5.908743	.1058444	.2868543
#3	5.931064	.1067386	.2880283

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1667.577	2792.484	35882.58	5937.767	2540.006
Stddev	10.780	12.059	85.09	43.540	11.870
%RSD	.6464370	.4318466	.2371397	.7332669	.4673124

#1	1655.936	2805.709	35784.73	5985.924	2553.017
#2	1669.581	2789.648	35939.23	5926.192	2537.230
#3	1677.214	2782.096	35923.79	5901.184	2529.770

Sample Name: K4475-01 Acquired: 08/23/2019 14:44:10 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T1-2A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0452542	-.013244	2.352685	.0523831	.0029817	110.7313	1.080805
Stddev	.0012934	.003766	.004901	.0021735	.0006670	.4161	.001051
%RSD	2.858011	28.43536	.2083159	4.149278	22.37072	.3757977	.0972487

#1	.0467422	-.013818	2.347472	.0501246	.0031449	110.2574	1.079623
#2	.0443998	-.009224	2.357198	.0525644	.0022482	110.8999	1.081157
#3	.0446207	-.016690	2.353386	.0544603	.0035519	111.0368	1.081635

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083527	.0617038	148.2326	.3012639	.1400716	.8369027	236.7444
Stddev	.0001084	.0001467	.0950	.0011396	.0005608	.0050407	.3662
%RSD	1.297417	.2377258	.0641091	.3782666	.4003877	.6023076	.1546874

#1	.0083884	.0615451	148.1318	.3007330	.1395460	.8311876	236.3428
#2	.0084387	.0618344	148.3205	.3025720	.1406620	.8407153	237.0598
#3	.0082310	.0617320	148.2457	.3004866	.1400068	.8388054	236.8307

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.207190	64.30028	.6145631	.0051064	2.491660	.5037704	4.364584
Stddev	.001730	.08378	.0007419	.0001962	.047886	.0053560	.010470
%RSD	.0411303	.1302947	.1207133	3.842223	1.921868	1.063174	.2398815

#1	4.208574	64.20449	.6137561	.0053164	2.535624	.5014224	4.357818
#2	4.207746	64.35990	.6152154	.0050751	2.440635	.4999895	4.376644
#3	4.205250	64.33645	.6147179	.0049278	2.498720	.5098994	4.359290

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.56713	7.830051	-.079281	.0024276	2.469900	2.478454	.0545768
Stddev	.18576	.033560	.002118	.0002575	.012570	.006205	.0015624
%RSD	.9031936	.4286007	2.671309	10.60647	.5089395	.2503461	2.862740

#1	20.37182	7.796167	-.080499	.0024268	2.456934	2.484708	.0563805
#2	20.74158	7.830709	-.080510	.0026855	2.470731	2.478354	.0537070
#3	20.58799	7.863277	-.076836	.0021705	2.482034	2.472300	.0536428

Sample Name: K4475-01 Acquired: 08/23/2019 14:44:10 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T1-2A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.439149	.0938578	.2726820
Stddev	.015251	.0006576	.0016978
%RSD	.3435491	.7005839	.6226143

#1	4.423673	.0940952	.2708175
#2	4.454164	.0931146	.2741387
#3	4.439609	.0943637	.2730898

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1635.016	2741.130	35215.57	5768.726	2532.070
Stddev	6.142	5.374	196.76	19.448	5.706
%RSD	.3756712	.1960471	.5587414	.3371363	.2253552

#1	1640.703	2737.306	35387.39	5752.762	2531.772
#2	1635.843	2738.811	35258.41	5763.029	2526.518
#3	1628.503	2747.275	35000.92	5790.387	2537.919

Sample Name: K4475-04 Acquired: 08/23/2019 14:47:50 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T1-2E Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0570771	-.012565	8.755943	.0613617	.0044737	114.3718	1.313319
Stddev	.0019320	.000624	.016881	.0016774	.0008931	.1382	.007442
%RSD	3.384971	4.962647	.1927965	2.733605	19.96317	.1208742	.5666423

#1	.0588540	-.011862	8.739060	.0631201	.0045659	114.3532	1.317759
#2	.0550204	-.013049	8.755947	.0597791	.0035381	114.2438	1.304727
#3	.0573569	-.012785	8.772822	.0611859	.0053171	114.5184	1.317469

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090435	.0090666	42.61467	.2567313	.1447738	1.024602	275.3206
Stddev	.0002160	.0001220	.24214	.0017775	.0001788	.004562	1.2601
%RSD	2.388489	1.345751	.5682037	.6923640	.1235001	.4452238	.4576919

#1	.0092895	.0089374	42.87109	.2551596	.1447919	1.019914	276.1830
#2	.0089560	.0091799	42.38994	.2563740	.1449429	1.024866	273.8744
#3	.0088850	.0090825	42.58296	.2586603	.1445867	1.029026	275.9042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.699448	55.93822	.5726298	.0076686	2.462836	.8045660	2.526229
Stddev	.026822	.28579	.0017976	.0003613	.204110	.0037610	.001724
%RSD	.7250314	.5108977	.3139220	4.710815	8.287610	.4674582	.0682486

#1	3.723881	56.22978	.5705549	.0075261	2.292076	.8081743	2.524381
#2	3.670749	55.65858	.5737166	.0074005	2.688899	.8006689	2.526510
#3	3.703715	55.92630	.5736180	.0080794	2.407532	.8048547	2.527794

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.13567	8.370959	-.074397	.0055923	1.374749	2.862545	.0789727
Stddev	.05276	.009833	.004054	.0002395	.004722	.028088	.0016343
%RSD	.2909229	.1174629	5.449520	4.282802	.3434590	.9812074	2.069402

#1	18.14164	8.382290	-.078568	.0053189	1.372589	2.894916	.0785967
#2	18.18519	8.364682	-.074152	.0056932	1.380164	2.848089	.0807622
#3	18.08018	8.365903	-.070471	.0057649	1.371493	2.844630	.0775593

Sample Name: K4475-04 Acquired: 08/23/2019 14:47:50 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T1-2E Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.686112	.0990809	.3638308
Stddev	.018521	.0009997	.0015290
%RSD	.3952346	1.008974	.4202435

#1	4.683939	.1001821	.3623987
#2	4.668774	.0988302	.3654411
#3	4.705624	.0982304	.3636527

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1647.258	2766.163	35528.52	5818.335	2551.319
Stddev	12.990	4.213	399.94	51.737	6.468
%RSD	.7886085	.1523087	1.125678	.8892049	.2535226

#1	1662.043	2762.247	35941.76	5759.091	2552.087
#2	1642.059	2770.621	35500.43	5841.302	2557.368
#3	1637.672	2765.621	35143.37	5854.613	2544.501

Sample Name: K4475-07 Acquired: 08/23/2019 14:51:29 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T1-2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0268197	-.008530	1.947112	.0381322	.0031443	73.48887	.8203911
Stddev	.0040829	.001621	.006445	.0032848	.0024557	.27197	.0049695
%RSD	15.22363	19.00206	.3309942	8.614179	78.09936	.3700814	.6057425

#1	.0239092	-.010143	1.942360	.0393425	.0016527	73.23723	.8220381
#2	.0314870	-.008545	1.944527	.0344139	.0018016	73.77740	.8243279
#3	.0250630	-.006902	1.954447	.0406400	.0059786	73.45196	.8148072

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061636	.0077358	38.59008	.1672473	.0955203	2.333917	162.8134
Stddev	.0000641	.0002123	.21817	.0004901	.0005037	.018070	.6472
%RSD	1.039507	2.744385	.5653632	.2930252	.5272921	.7742376	.3975166

#1	.0061557	.0076352	38.38436	.1669045	.0951172	2.318235	162.7942
#2	.0061038	.0075925	38.81887	.1678086	.0960850	2.353678	163.4699
#3	.0062312	.0079797	38.56700	.1670287	.0953588	2.329838	162.1759

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.488602	32.98479	.3358202	.0069790	1.725178	.3165735	2.761462
Stddev	.012653	.10799	.0013181	.0004349	.308426	.0009497	.006839
%RSD	.5084388	.3274082	.3924881	6.231482	17.87790	.2999972	.2476682

#1	2.488646	32.90433	.3351265	.0074395	1.369702	.3160564	2.768250
#2	2.501233	33.10752	.3349939	.0069223	1.884107	.3176696	2.761563
#3	2.475927	32.94250	.3373402	.0065752	1.921726	.3159946	2.754572

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.49800	8.179181	-.021780	.0041913	1.114256	2.121914	.0894937
Stddev	.06895	.028952	.001641	.0003504	.001807	.017810	.0008517
%RSD	.5516692	.3539734	7.536680	8.360842	.1621810	.8393152	.9516396

#1	12.45772	8.148006	-.021099	.0044276	1.112380	2.131218	.0886767
#2	12.45867	8.184314	-.020589	.0043576	1.114401	2.101380	.0894280
#3	12.57761	8.205223	-.023653	.0037887	1.115986	2.133146	.0903762

Sample Name: K4475-07 Acquired: 08/23/2019 14:51:29 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T1-2D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.997102	.0741039	.2976728
Stddev	.015850	.0009562	.0018578
%RSD	.5288388	1.290289	.6241079

#1	2.999508	.0733350	.2956208
#2	3.011611	.0751745	.2981572
#3	2.980186	.0738022	.2992404

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1576.619	2586.374	33468.18	5495.557	2551.957
Stddev	11.848	3.573	138.46	18.215	1.671
%RSD	.7514928	.1381415	.4137204	.3314419	.0654642

#1	1562.941	2584.001	33311.90	5479.857	2550.981
#2	1583.724	2590.483	33575.55	5491.285	2553.886
#3	1583.191	2584.638	33517.10	5515.527	2551.004

Sample Name: K4475-10 Acquired: 08/23/2019 14:55:09 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T1-2C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0434752	-.016867	3.294357	.0594676	.0016203	122.2092	1.493967
Stddev	.0049581	.001495	.004277	.0029301	.0017968	3.2062	.035843
%RSD	11.40433	8.862379	.1298273	4.927288	110.8911	2.623543	2.399163

#1	.0427145	-.018593	3.292296	.0563680	.0036387	118.6838	1.455578
#2	.0487696	-.016027	3.291500	.0598426	.0001953	122.9927	1.499767
#3	.0389414	-.015982	3.299274	.0621921	.0010270	124.9509	1.526556

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096785	.0207559	69.51207	.2281635	.1560145	1.417840	262.2487
Stddev	.0002350	.0001490	1.73836	.0003178	.0002898	.035280	6.3577
%RSD	2.427782	.7179040	2.500810	.1392724	.1857503	2.488273	2.424297

#1	.0094073	.0208612	67.57011	.2284772	.1562185	1.381077	255.2555
#2	.0098056	.0205854	70.04314	.2278418	.1556828	1.421022	263.8110
#3	.0098225	.0208211	70.92295	.2281714	.1561421	1.451420	267.6797

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.042593	52.71643	.4391535	.0111827	2.337726	.5049598	2.730077
Stddev	.069484	1.17714	.0005632	.0002394	.046141	.0120956	.009062
%RSD	2.283694	2.232965	.1282343	2.140736	1.973756	2.395362	.3319329

#1	2.966183	51.42364	.4393724	.0109316	2.367944	.4926435	2.736468
#2	3.059603	52.99928	.4385138	.0114083	2.360618	.5054140	2.719706
#3	3.101991	53.72638	.4395744	.0112082	2.284615	.5168219	2.734056

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.12504	7.968751	-.085689	.0052932	2.655903	3.088065	.0852781
Stddev	.56068	.021711	.009238	.0000692	.004721	.007715	.0027029
%RSD	2.424540	.2724552	10.78145	1.306585	.1777497	.2498227	3.169463

#1	22.58581	7.990728	-.095545	.0053707	2.651797	3.092924	.0834871
#2	23.08436	7.947316	-.084293	.0052379	2.661061	3.079169	.0839602
#3	23.70494	7.968210	-.077227	.0052710	2.654851	3.092100	.0883872

Sample Name: K4475-10 Acquired: 08/23/2019 14:55:09 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T1-2C Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.877800	.1020132	.4623771
Stddev	.125514	.0016977	.0114860
%RSD	2.573174	1.664217	2.484126

#1	4.739860	.1000683	.4506227
#2	4.908259	.1031984	.4629342
#3	4.985282	.1027728	.4735744

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1662.106	2764.508	35638.64	5913.602	2546.946
Stddev	5.921	4.386	115.16	58.448	1.985
%RSD	.3562243	.1586656	.3231265	.9883698	.0779465

#1	1660.574	2760.384	35764.09	5964.170	2546.357
#2	1668.643	2769.116	35614.09	5927.027	2549.158
#3	1657.103	2764.024	35537.74	5849.609	2545.321

Sample Name: K4475-13 Acquired: 08/23/2019 14:58:48 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T1-2B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0429503	.0065262	4.528217	.0401681	.0065287	43.52756	.4115541
Stddev	.0020806	.0024688	.005342	.0017695	.0027139	.15639	.0014078
%RSD	4.844125	37.82838	.1179737	4.405174	41.56872	.3592998	.3420707

#1	.0450110	.0087406	4.534254	.0397322	.0063489	43.43296	.4125983
#2	.0408504	.0069737	4.526293	.0421148	.0093279	43.44163	.4099530
#3	.0429895	.0038643	4.524103	.0386574	.0039091	43.70808	.4121109

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040797	.0535657	44.89366	.1736301	.0609074	3.581762	142.7458
Stddev	.0000935	.0002539	.15414	.0012138	.0003850	.005797	.1450
%RSD	2.292305	.4740784	.3433395	.6990467	.6321459	.1618472	.1015607

#1	.0041834	.0532909	45.03236	.1750092	.0610919	3.575320	142.8194
#2	.0040018	.0536145	44.72772	.1727243	.0604648	3.583405	142.5788
#3	.0040539	.0537917	44.92090	.1731569	.0611654	3.586559	142.8392

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.290181	37.25509	.3976623	.0141166	1.614413	.8308115	13.89853
Stddev	.003267	.14922	.0016152	.0003639	.123553	.0075173	.04767
%RSD	.1426661	.4005375	.4061713	2.577585	7.653136	.9048099	.3430079

#1	2.292011	37.21523	.3984687	.0140936	1.602751	.8254831	13.84392
#2	2.286409	37.12985	.3958027	.0144914	1.497105	.8275415	13.93184
#3	2.292124	37.42020	.3987156	.0137648	1.743384	.8394100	13.91982

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.238708	3.566912	-.009563	.0075523	2.339909	2.259016	.0703553
Stddev	.086447	.018615	.003625	.0005347	.009598	.036715	.0019060
%RSD	1.650165	.5218743	37.90996	7.079505	.4102028	1.625255	2.709066

#1	5.189080	3.576357	-.013674	.0069634	2.344765	2.301328	.0684895
#2	5.188515	3.545468	-.006823	.0080073	2.328853	2.235561	.0702774
#3	5.338528	3.578911	-.008192	.0076862	2.346110	2.240161	.0722991

Sample Name: K4475-13 Acquired: 08/23/2019 14:58:48 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T1-2B Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.217659	.0367985	.2146181
Stddev	.011073	.0007225	.0003447
%RSD	.4993176	1.963279	.1606227

#1	2.215152	.0376121	.2142357
#2	2.208053	.0365515	.2147136
#3	2.229770	.0362319	.2149050

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1507.666	2479.063	32045.25	5279.495	2542.405
Stddev	12.364	3.848	138.53	57.666	3.602
%RSD	.8200689	.1552307	.4322919	1.092263	.1416815

#1	1517.064	2475.213	32184.44	5213.437	2541.462
#2	1493.660	2482.910	31907.39	5319.774	2546.385
#3	1512.276	2479.066	32043.93	5305.276	2539.368

Sample Name: K4477-01 Acquired: 08/23/2019 15:02:28 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-1(1-3) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0788154	-.011975	.0878225	.0424469	.0032348	107.9060	.1922343
Stddev	.0010275	.003118	.0008160	.0018670	.0001155	1.5792	.0027145
%RSD	1.303617	26.03389	.9291008	4.398525	3.570224	1.463478	1.412092

#1	.0796692	-.008392	.0868829	.0412624	.0031046	106.7012	.1901952
#2	.0791019	-.013472	.0883532	.0414793	.0033247	109.6938	.1953155
#3	.0776751	-.014063	.0882313	.0445992	.0032752	107.3231	.1911923

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062364	-.002645	2.041800	.2076998	.0368819	.1050511	181.3901
Stddev	.0001489	.000256	.112355	.0005072	.0004010	.0033882	2.4511
%RSD	2.386742	9.660643	5.502736	.2442156	1.087359	3.225281	1.351298

#1	.0061954	-.002436	1.998061	.2081538	.0373381	.1047187	180.1644
#2	.0064014	-.002930	2.169447	.2077934	.0365850	.1085932	184.2123
#3	.0061123	-.002569	1.957893	.2071523	.0367227	.1018413	179.7936

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6152139	15.22730	.0724857	.0014760	1.126117	.3456463	.3100979
Stddev	.0111301	.22602	.0004662	.0001464	.199092	.0033797	.0017984
%RSD	1.809137	1.484291	.6432248	9.918208	17.67954	.9778031	.5799600

#1	.6094414	15.07212	.0730183	.0016272	1.347158	.3432261	.3109623
#2	.6280443	15.48661	.0721515	.0014661	.960883	.3495078	.3080305
#3	.6081559	15.12315	.0722873	.0013349	1.070312	.3442051	.3113010

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.78914	2.428900	-.021879	.0036533	.6018856	2.771786	.0056825
Stddev	.14325	.009203	.003633	.0001989	.0022417	.081899	.0011893
%RSD	1.327704	.3789129	16.60602	5.443895	.3724383	2.954747	20.92901

#1	10.70093	2.431578	-.022234	.0037769	.6021268	2.740193	.0062846
#2	10.95443	2.418654	-.025322	.0037591	.5995332	2.864777	.0043126
#3	10.71208	2.436466	-.018082	.0034239	.6039970	2.710389	.0064505

Sample Name: K4477-01 Acquired: 08/23/2019 15:02:28 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-1(1-3) Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.643640	.0412745	.0480328
Stddev	.020681	.0015364	.0005654
%RSD	1.258232	3.722469	1.177020

#1	1.626662	.0419133	.0477197
#2	1.666673	.0423886	.0486855
#3	1.637586	.0395218	.0476933

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1522.389	2528.454	32556.86	5296.776	2552.697
Stddev	7.871	2.656	175.54	107.564	5.397
%RSD	.5170491	.1050436	.5391717	2.030749	.2114215

#1	1530.907	2528.629	32632.13	5339.464	2555.462
#2	1520.874	2525.715	32356.24	5174.420	2546.478
#3	1515.384	2531.019	32682.21	5376.443	2556.151

Sample Name: K4477-02 Acquired: 08/23/2019 15:06:11 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-1(3-6) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0733122	-.014740	.1004761	.0452890	.0016859	96.20775	.1892334
Stddev	.0028590	.000881	.0014619	.0008554	.0017707	1.59796	.0026913
%RSD	3.899741	5.976970	1.454998	1.888839	105.0299	1.660948	1.422184

#1	.0707743	-.014456	.1013946	.0453043	.0014776	95.73951	.1878160
#2	.0764096	-.015728	.0987902	.0444260	.0000286	94.89621	.1875470
#3	.0727527	-.014036	.1012434	.0461367	.0035515	97.98752	.1923371

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082369	-.002521	-1.37227	.2016904	.0599283	.1135495	199.1591
Stddev	.0002282	.000077	.05735	.0010220	.0003866	.0013896	3.2699
%RSD	2.770059	3.044320	4.179039	.5067227	.6450978	1.223790	1.641851

#1	.0084039	-.002607	-1.31094	.2023105	.0596722	.1139759	197.7306
#2	.0079769	-.002496	-1.38133	.2005108	.0597398	.1119967	196.8465
#3	.0083299	-.002460	-1.42455	.2022499	.0603730	.1146759	202.9002

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.071275	15.71141	.0988456	.0015774	1.031221	.3795520	.3512725
Stddev	.014881	.24513	.0003361	.0005143	.137885	.0061046	.0013896
%RSD	1.389135	1.560172	.3400552	32.60563	13.37104	1.608364	.3955822

#1	1.064043	15.59754	.0989828	.0011051	.993057	.3775986	.3528438
#2	1.061391	15.54393	.0990914	.0021254	1.184168	.3746632	.3502054
#3	1.088390	15.99276	.0984626	.0015018	.916438	.3863942	.3507682

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.35314	3.627838	-.026327	.0024640	.6970731	3.011005	.0044414
Stddev	.17455	.008227	.006552	.0003185	.0076966	.057954	.0002669
%RSD	1.413013	.2267804	24.88700	12.92703	1.104127	1.924751	6.009123

#1	12.41205	3.624257	-.033291	.0025099	.6956814	3.069757	.0047279
#2	12.15675	3.637249	-.025405	.0021250	.6901673	2.953883	.0041999
#3	12.49061	3.622008	-.020285	.0027570	.7053706	3.009376	.0043964

Sample Name: K4477-02 Acquired: 08/23/2019 15:06:11 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: TP-1(3-6) Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.454860	.0501296	.0330548
Stddev	.027563	.0004241	.0005978
%RSD	1.894542	.8460321	1.808384

#1	1.447793	.0500365	.0328715
#2	1.431519	.0497597	.0325701
#3	1.485269	.0505925	.0337228

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1608.040	2664.975	34101.07	5608.755	2568.182
Stddev	1.001	2.137	177.47	79.170	1.761
%RSD	.0622313	.0801855	.5204339	1.411540	.0685747

#1	1607.106	2664.919	34128.99	5539.071	2570.036
#2	1609.096	2667.139	34262.94	5694.841	2567.977
#3	1607.919	2662.866	33911.30	5592.353	2566.532

Sample Name: K4477-11 Acquired: 08/23/2019 15:09:56 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-2(1-3) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1610544	-.016928	.0981428	.0601745	.0025904	103.2354	.1889278
Stddev	.0060065	.001261	.0013542	.0008572	.0009941	2.2945	.0050225
%RSD	3.729480	7.446823	1.379858	1.424550	38.37393	2.222588	2.658413

#1	.1545754	-.017416	.0970643	.0592698	.0016986	100.5864	.1831284
#2	.1621506	-.017872	.0996626	.0609746	.0036621	104.5195	.1918183
#3	.1664373	-.015496	.0977014	.0602792	.0024106	104.6003	.1918369

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078855	-.000673	-1.22787	.2092286	.0432140	.1313387	259.3695
Stddev	.0000868	.000115	.07185	.0007825	.0004240	.0019632	6.2923
%RSD	1.100710	17.02719	5.851439	.3740054	.9812389	1.494751	2.426008

#1	.0077974	-.000764	-1.15519	.2090976	.0428894	.1290979	252.1085
#2	.0078881	-.000710	-1.22958	.2085198	.0430587	.1321624	262.7734
#3	.0079709	-.000544	-1.29885	.2100683	.0436937	.1327559	263.2266

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7280409	13.32140	.0781368	.0024256	.9951996	.4298546	4.439013
Stddev	.0167298	.37354	.0005974	.0002777	.1531636	.0087345	.040745
%RSD	2.297926	2.804073	.7646064	11.45006	15.39024	2.031973	.9178785

#1	.7087398	12.89342	.0781748	.0021898	1.172058	.4200071	4.482579
#2	.7369927	13.58185	.0775212	.0023553	.906551	.4328914	4.432611
#3	.7383902	13.48893	.0787143	.0027317	.906990	.4366655	4.401848

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.32928	3.474544	-.041022	.0044875	.8618604	3.204843	.0070881
Stddev	.43264	.012317	.002878	.0005954	.0043165	.042931	.0013537
%RSD	3.509035	.3544906	7.016417	13.26667	.5008319	1.339579	19.09835

#1	11.84051	3.488761	-.043928	.0051732	.8656998	3.159474	.0060387
#2	12.48418	3.467091	-.040967	.0041882	.8626931	3.244829	.0066095
#3	12.66314	3.467780	-.038173	.0041012	.8571882	3.210226	.0086161

Sample Name: K4477-11 Acquired: 08/23/2019 15:09:56 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: TP-2(1-3) Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.396597	.0367324	.0489444
Stddev	.032094	.0012320	.0009120
%RSD	2.298029	3.353984	1.863329

#1	1.359640	.0353718	.0479313
#2	1.412686	.0370530	.0496998
#3	1.417464	.0377724	.0492020

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1521.448	2518.342	32444.85	5344.155	2557.129
Stddev	17.743	2.564	155.23	70.444	4.099
%RSD	1.166214	.1018068	.4784352	1.318156	.1602991

#1	1501.343	2520.529	32293.44	5425.486	2559.984
#2	1528.082	2515.521	32603.63	5302.318	2552.432
#3	1534.918	2518.978	32437.47	5304.662	2558.970

Sample Name: K4477-12 Acquired: 08/23/2019 15:13:40 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-2(3-4) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1125816	-.029399	.1830884	.0849393	.0044612	98.52974	.2931763
Stddev	.0014027	.002666	.0015851	.0033958	.0007663	.43077	.0021590
%RSD	1.245925	9.068374	.8657467	3.997964	17.17656	.4371978	.7364321

#1	.1137916	-.032033	.1849065	.0812186	.0048887	98.29867	.2932259
#2	.1110441	-.029463	.1819965	.0857279	.0035766	98.26381	.2909929
#3	.1129089	-.026702	.1823622	.0878715	.0049184	99.02674	.2953101

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106541	-.003240	-2.72992	.2098788	.0528030	.1521777	382.4933
Stddev	.0000681	.000157	.11204	.0009470	.0002008	.0042258	2.0280
%RSD	.6393998	4.837489	4.104045	.4512380	.3803545	2.776877	.5301983

#1	.0105954	-.003197	-2.61015	.2088405	.0528540	.1540668	381.8293
#2	.0106381	-.003109	-2.74746	.2106951	.0529734	.1473368	380.8805
#3	.0107288	-.003414	-2.83216	.2101009	.0525815	.1551293	384.7700

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.070561	12.75573	.0934595	.0042469	1.324631	.4271798	1.743355
Stddev	.007597	.10117	.0004065	.0003562	.159622	.0015049	.008635
%RSD	.7096170	.7931071	.4349731	8.387031	12.05029	.3522767	.4952958

#1	1.068453	12.70316	.0930006	.0045238	1.351497	.4273555	1.739505
#2	1.064240	12.69168	.0937744	.0038451	1.469115	.4255948	1.737314
#3	1.078989	12.87236	.0936035	.0043718	1.153281	.4285890	1.753245

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.12373	4.738435	-.095253	.0015114	1.942218	2.863563	.0086141
Stddev	.09455	.010438	.004493	.0002280	.010585	.017257	.0012788
%RSD	.6694221	.2202815	4.716737	15.08494	.5450033	.6026286	14.84554

#1	14.06811	4.727593	-.100441	.0017624	1.930663	2.844926	.0098161
#2	14.07019	4.739299	-.092699	.0014544	1.951447	2.866775	.0087558
#3	14.23290	4.748415	-.092620	.0013172	1.944544	2.878988	.0072703

Sample Name: K4477-12 Acquired: 08/23/2019 15:13:40 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: TP-2(3-4) Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7913713	.0378898	.0513154
Stddev	.0033605	.0002652	.0000927
%RSD	.4246407	.6998567	.1806339

#1	.7938864	.0381042	.0512142
#2	.7875547	.0379720	.0513962
#3	.7926728	.0375933	.0513357

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1593.367	2650.288	33901.62	5572.928	2574.230
Stddev	5.777	1.009	213.12	18.465	3.727
%RSD	.3625430	.0380732	.6286446	.3313338	.1447964

#1	1593.907	2649.168	33668.05	5555.189	2573.829
#2	1598.855	2651.126	33951.32	5592.042	2570.720
#3	1587.340	2650.570	34085.51	5571.553	2578.143

Sample Name: CCV04 Acquired: 08/23/2019 15:17:24 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: STUCCO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.006060	4.950718	4.993070	4.969539	4.964606	10.04415	10.07626
Stddev	.006241	.009344	.011418	.008366	.005819	.03656	.00927
%RSD	.1246756	.1887439	.2286714	.1683491	.1172187	.3640328	.0920396

#1	5.012384	4.954566	5.003468	4.966122	4.969664	10.00292	10.06780
#2	4.999905	4.957525	4.980851	4.963422	4.958245	10.07265	10.08618
#3	5.005890	4.940065	4.994892	4.979073	4.965908	10.05687	10.07482

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2519142	2.529558	25.21298	1.013531	2.506915	1.260835	5.059415
Stddev	.0007680	.002099	.02223	.003076	.002988	.002674	.033699
%RSD	.3048610	.0829976	.0881539	.3034527	.1191991	.2121123	.6660748

#1	.2517145	2.528535	25.19952	1.015338	2.510226	1.258697	5.045367
#2	.2527623	2.528167	25.20079	1.015276	2.506099	1.259975	5.035011
#3	.2512658	2.531973	25.23864	1.009980	2.504419	1.263834	5.097865

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.524671	25.16009	2.511927	1.251931	25.16872	2.521015	2.525396
Stddev	.010205	.18839	.001054	.002454	.20287	.011106	.005866
%RSD	.4042137	.7487778	.0419469	.1960167	.8060447	.4405366	.2322688

#1	2.518795	24.94847	2.511277	1.253824	25.35747	2.509767	2.530413
#2	2.518763	25.22225	2.511361	1.252812	25.19448	2.521305	2.518947
#3	2.536455	25.30955	2.513143	1.249159	24.95419	2.531973	2.526827

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.78811	5.123940	4.978475	5.012785	4.988796	5.024196	5.002256
Stddev	.10106	.011714	.016011	.010867	.007570	.027678	.005825
%RSD	.4076887	.2286115	.3215954	.2167810	.1517305	.5509039	.1164483

#1	24.67143	5.136760	4.960114	5.016843	4.997536	4.996037	5.003833
#2	24.84557	5.121268	4.989526	5.000473	4.984317	5.051368	4.995806
#3	24.84735	5.113794	4.985784	5.021038	4.984535	5.025184	5.007131

Sample Name: CCV04 Acquired: 08/23/2019 15:17:24 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: STUCCO Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.011708	4.964622	4.962440
Stddev	.016479	.014721	.058346
%RSD	.3288068	.2965263	1.175755

#1	4.992945	4.966824	4.895083
#2	5.018349	4.948924	4.994916
#3	5.023831	4.978118	4.997323

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1368.030	2294.159	29185.65	4821.334	2521.983
Stddev	11.615	7.640	189.64	22.318	5.994
%RSD	.8490309	.3330259	.6497594	.4628949	.2376672

#1	1355.599	2288.657	28967.83	4795.675	2515.562
#2	1378.606	2302.882	29275.08	4832.091	2527.431
#3	1369.884	2290.937	29314.03	4836.236	2522.955

Sample Name: CCB04 Acquired: 08/23/2019 15:28:57 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15395 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000923	.0047549	-.000321	-.000914	-.000065	.0068919	-.000047
Stddev	.001903	.0025685	.000812	.000555	.001581	.0035868	.000456
%RSD	206.1969	54.01687	253.2891	60.74574	2439.458	52.04417	965.9152

#1	-.001339	.0070610	-.001257	-.000604	.000933	.0046086	.000370
#2	.001154	.0052169	.000114	-.001554	.000760	.0050409	-.000535
#3	-.002584	.0019868	.000181	-.000582	-.001888	.0110260	.000023

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000510	.0000665	-.004844	.0001087	.0003392	.0006548	.0043160
Stddev	.0000293	.0001055	.007024	.0005179	.0000689	.0006989	.0045838
%RSD	57.38322	158.4891	145.0203	476.6106	20.31203	106.7374	106.2040

#1	.0000785	-.000046	.001243	-.000240	.0003749	.0006022	.0092646
#2	.0000542	.000162	-.012530	-.000137	.0002597	-.000016	.0002155
#3	.0000202	.000084	-.003244	.000704	.0003828	.001379	.0034679

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000100	.0278906	.0000509	.0001113	-.162968	-.000803	.0005073
Stddev	.0001692	.0394478	.0008817	.0001838	.134381	.002062	.0004813
%RSD	1697.016	141.4374	1733.387	165.0920	82.45862	256.5952	94.88050

#1	-.000028	.0626564	-.000964	-.000061	-.109893	.001533	.0009714
#2	-.000137	-.014980	.000628	.000305	-.315780	-.002367	.0005400
#3	.000195	.035996	.000488	.000090	-.063229	-.001577	.0000104

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015080	.0032495	-.000664	-.000284	-.004795	.0008840	.0001012
Stddev	.067315	.0019394	.000213	.000218	.003118	.0008022	.0005507
%RSD	446.3717	59.68337	32.00881	76.83682	65.01679	90.75162	544.4123

#1	-.079004	.0013939	-.000635	-.000533	-.002965	-.000027	-.000341
#2	-.021415	.0030914	-.000468	-.000125	-.003025	.001196	.000718
#3	.055178	.0052630	-.000890	-.000194	-.008395	.001483	-.000073

Sample Name: CCB04 Acquired: 08/23/2019 15:28:57 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB15395 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000811	.0010822	.0000112
Stddev	.000173	.0013325	.0000293
%RSD	21.28934	123.1359	261.3688

#1	-.000930	.0022968	-.000018
#2	-.000890	-.000343	.000011
#3	-.000613	.001293	.000041

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1385.749	2299.032	29342.80	4768.070	2445.098
Stddev	10.278	7.760	127.94	48.306	8.075
%RSD	.7417038	.3375306	.4360319	1.013118	.3302529

#1	1374.514	2290.272	29412.37	4741.350	2435.828
#2	1394.680	2301.778	29420.88	4823.833	2450.601
#3	1388.053	2305.045	29195.14	4739.028	2448.865

Sample Name: K4490-03 Acquired: 08/23/2019 15:36:37 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: STUCCO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000569	-.002974	.6166536	.0192448	.0003277	19.23569	.2008363
Stddev	.004417	.003879	.0024270	.0015750	.0003791	.10260	.0009609
%RSD	776.2675	130.4191	.3935818	8.183847	115.6847	.5333883	.4784367

#1	.004526	-.005751	.6192455	.0175561	.0000003	19.34299	.2018964
#2	-.003321	-.004630	.6144345	.0195045	.0002398	19.22552	.2005898
#3	-.002912	.001458	.6162808	.0206737	.0007431	19.13855	.2000227

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012832	-.000269	461.9598	.0199320	.0035299	.0331643	66.71538
Stddev	.0000102	.000018	3.4552	.0000954	.0005184	.0024895	.36826
%RSD	.7959496	6.800426	.7479354	.4786591	14.68601	7.506580	.5519872

#1	.0012931	-.000289	465.3720	.0200169	.0040692	.0338498	67.08921
#2	.0012727	-.000266	462.0442	.0199505	.0030354	.0352392	66.70398
#3	.0012836	-.000253	458.4632	.0198288	.0034850	.0304038	66.35295

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1986809	9.025797	.0139791	.0012198	.3731085	.0312080	.3811255
Stddev	.0012534	.023684	.0009764	.0001024	.1090881	.0021254	.0029834
%RSD	.6308758	.2624052	6.984910	8.397414	29.23764	6.810300	.7827932

#1	.1996006	9.031551	.0131460	.0013378	.4903239	.0312352	.3845585
#2	.1991888	8.999766	.0150536	.0011535	.2745555	.0333196	.3796569
#3	.1972532	9.046074	.0137376	.0011681	.3544462	.0290691	.3791610

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4815272	1.143836	-.017913	.0000635	3.540473	3.785473	-.004238
Stddev	.0465453	.004788	.001724	.0000949	.005136	.065602	.002183
%RSD	9.666184	.4185657	9.625186	149.4247	.1450648	1.732982	51.50827

#1	.5327213	1.138357	-.019895	.0000488	3.546120	3.827918	-.006556
#2	.4701019	1.145942	-.016760	.0001649	3.539219	3.818586	-.002223
#3	.4417584	1.147210	-.017083	-.000023	3.536081	3.709915	-.003934

Sample Name: K4490-03 Acquired: 08/23/2019 15:36:37 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: STUCCO Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.821711	.0105389	.6168034
Stddev	.020315	.0009512	.0020108
%RSD	1.115151	9.025118	.3260088

#1	1.830735	.0094408	.6189292
#2	1.835951	.0110729	.6165495
#3	1.798448	.0111031	.6149316

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1387.474	2333.169	29851.26	4998.561	2488.926
Stddev	4.147	2.063	109.83	52.616	1.953
%RSD	.2989228	.0884383	.3679275	1.052626	.0784711

#1	1385.597	2335.338	29937.89	4950.467	2490.197
#2	1384.597	2332.938	29888.16	4990.458	2486.677
#3	1392.228	2331.231	29727.73	5054.759	2489.904

Sample Name: K4490-05 Acquired: 08/23/2019 15:40:25 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: STUCCO-AND-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0875329	-.032168	.3356546	.0747397	.0017088	70.46860
Stddev	.0050241	.002839	.0043752	.0021886	.0013252	.63846
%RSD	5.739697	8.826652	1.303499	2.928325	77.55232	.9060203

#1	.0883029	-.031668	.3324010	.0772493	.0010951	69.73159
#2	.0921276	-.035225	.3406285	.0737425	.0008017	70.85255
#3	.0821682	-.029612	.3339342	.0732272	.0032295	70.82168

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4830756	.0073972	.0025564	F 813.2812	.1125420	.0520809
Stddev	.0046540	.0000993	.0001415	15.9168	.0013215	.0004001
%RSD	.9634036	1.342735	5.535988	1.957113	1.174190	.7682675

#1	.4778606	.0072832	.0027182	794.9518	.1129399	.0522946
#2	.4868067	.0074428	.0024953	823.6166	.1110673	.0523288
#3	.4845594	.0074655	.0024556	821.2753	.1136187	.0516193

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3086560	345.4941	3.253486	181.3189	.1482044	.0039440
Stddev	.0052123	3.4899	.038807	2.3602	.0012748	.0006695
%RSD	1.688709	1.010118	1.192772	1.301702	.8601376	16.97488

#1	.3026428	341.5692	3.209031	178.6101	.1470838	.0037579
#2	.3118826	348.2475	3.280586	182.9327	.1495912	.0046868
#3	.3114428	346.6656	3.270842	182.4140	.1479381	.0033872

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.26555	.1877316	23.57067	10.75655	4.372201	.0367165
Stddev	.40749	.0046355	.02065	.05640	.018891	.0039950
%RSD	3.969481	2.469214	.0876146	.5243540	.4320807	10.88067

#1	10.38761	.1830447	23.57228	10.81419	4.373315	.0330830
#2	9.81098	.1878362	23.54926	10.75398	4.352777	.0409946
#3	10.59806	.1923139	23.59047	10.70147	4.390510	.0360718

Sample Name: K4490-05 Acquired: 08/23/2019 15:40:25 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: STUCCO-AND-B Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056494	34.78250	3.100425	.0021585	2.026678	.0585720
Stddev	.0007982	.11425	.043630	.0030525	.020513	.0011103
%RSD	14.12839	.3284720	1.407240	141.4186	1.012164	1.895640

#1	.0053201	34.75314	3.124010	.0054478	2.003931	.0576503
#2	.0050686	34.68579	3.127187	-.000583	2.043772	.0598046
#3	.0065596	34.90857	3.050079	.001611	2.032330	.0582610

Elem	Sr4077
Units	ppm
Avg	1.773383
Stddev	.008964
%RSD	.5054519

#1	1.763697
#2	1.775065
#3	1.781386

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1393.774	2373.152	30765.59	5155.715	2416.898
Stddev	7.771	4.922	63.56	32.236	3.466
%RSD	.5575539	.2074025	.2065959	.6252507	.1433941

#1	1391.304	2367.545	30829.90	5191.878	2416.994
#2	1387.538	2376.760	30702.80	5129.996	2420.314
#3	1402.480	2375.151	30764.07	5145.270	2413.385

Sample Name: PB122504BL Acquired: 08/23/2019 15:44:29 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0008770	.0012958	-.000150	-.000896	.0007396	-.001020	.0002430
Stddev	.0009846	.0029981	.002003	.000278	.0008034	.008715	.0002595
%RSD	112.2796	231.3632	1332.911	30.99437	108.6238	854.1692	106.8332

#1	.0010286	.0047406	-.000878	-.001180	.0015019	-.000125	.0003512
#2	-.000175	-.000725	.002115	-.000626	-.000099	-.010149	.0004309
#3	.001777	-.000128	-.001687	-.000881	.000816	.007213	-.000053

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000560	-.000003	.0586489	.0000222	.0003473	.0008174	.0278720
Stddev	.0000533	.000050	.0250612	.0002575	.0002747	.0004897	.0149550
%RSD	95.23398	1789.813	42.73090	1162.543	79.10676	59.90356	53.65608

#1	.0001167	-.000025	.0857052	.0002980	.0002940	.0013667	.0395866
#2	.0000167	.000054	.0540107	-.000020	.0001031	.0004268	.0110270
#3	.0000346	-.000038	.0362308	-.000212	.0006447	.0006587	.0330022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004929	.0098722	.0003694	.0001248	.1686964	-.001016	.0103485
Stddev	.0005087	.0078240	.0000920	.0003209	.4728507	.000120	.0017787
%RSD	103.1943	79.25284	24.90767	257.1390	280.2968	11.82809	17.18766

#1	.0005361	.0088111	.0002927	.0002969	.4945085	-.000902	.0122257
#2	-.000036	.0026329	.0003440	-.000245	.3852277	-.001141	.0101315
#3	.000979	.0181726	.0004715	.000323	-.373647	-.001004	.0086883

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.030614	.0007763	-.002854	-.000105	.0058580	.0019044	-.000550
Stddev	.054088	.0011994	.000451	.000419	.0015536	.0005911	.000647
%RSD	176.6779	154.5161	15.81219	399.4599	26.52118	31.03634	117.4658

#1	-.057722	-.000582	-.002413	.000360	.0076504	.0015085	-.000953
#2	-.065786	.001691	-.003315	-.000220	.0048968	.0025838	.000195
#3	.031668	.001219	-.002835	-.000455	.0050269	.0016209	-.000893

Sample Name: PB122504BL Acquired: 08/23/2019 15:44:29 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000817	.0016971	.0000987
Stddev	.001383	.0006290	.0000704
%RSD	169.2630	37.06209	71.31235

#1	.000598	.0019040	.0001745
#2	-.000884	.0009907	.0000355
#3	-.002166	.0021966	.0000861

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1396.676	2289.623	29554.86	4844.137	2444.287
Stddev	8.142	5.107	105.00	127.646	2.828
%RSD	.5829285	.2230554	.3552649	2.635069	.1157162

#1	1389.819	2284.810	29509.48	4757.335	2443.716
#2	1394.535	2294.981	29480.19	4990.702	2447.358
#3	1405.674	2289.079	29674.92	4784.376	2441.788

Sample Name: PB122485BS Acquired: 08/23/2019 15:48:22 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7661741	1.954548	1.013200	1.724746	.7825345	2.071587
Stddev	.0075184	.003805	.004211	.007282	.0012420	.033646
%RSD	.9812861	.1946971	.4156084	.4222304	.1587096	1.624148

#1	.7576150	1.958578	1.010585	1.717044	.7814934	2.032741
#2	.7691958	1.954051	1.018058	1.725675	.7839092	2.090509
#3	.7717114	1.951016	1.010958	1.731519	.7822008	2.091512

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2131207	.1990219	.2109780	1.021990	.4249269	.2079675
Stddev	.0032332	.0028295	.0000530	.027193	.0010927	.0002236
%RSD	1.517071	1.421710	.0251154	2.660825	.2571438	.1074991

#1	.2094103	.1959383	.2109168	.990751	.4243611	.2077215
#2	.2153336	.2014989	.2110103	1.040364	.4242331	.2081581
#3	.2146184	.1996284	.2110068	1.034855	.4261864	.2080230

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3249127	3.284501	.2222300	2.056442	.5259248	.0727016
Stddev	.0037957	.049579	.0036632	.016220	.0004886	.0001293
%RSD	1.168233	1.509478	1.648376	.7887184	.0929110	.1778456

#1	.3215247	3.227503	.2183813	2.038390	.5256276	.0727118
#2	.3290147	3.317634	.2256741	2.061146	.5256581	.0725675
#3	.3241985	3.308367	.2226345	2.069789	.5264888	.0728254

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.266285	.3157108	.2124389	10.02360	F 6.062914	.2818759
Stddev	.047988	.0046548	.0005698	.11910	.006191	.0047210
%RSD	1.469189	1.474375	.2682392	1.188182	.1021201	1.674854

#1	3.291902	.3122595	.2118645	9.88657	6.055963	.2768845
#2	3.296028	.3210048	.2130040	10.08201	6.067837	.2862696
#3	3.210924	.3138682	.2124482	10.10221	6.064944	.2824738

Sample Name: PB122485BS Acquired: 08/23/2019 15:48:22 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3949066	F .0622498	.9420565	.6963684	.1970999	F .1087914
Stddev	.0000561	.0063666	.0108523	.0018388	.0032672	.0026510
%RSD	.0141937	10.22754	1.151975	.2640612	1.657657	2.436779

#1	.3948905	.0692101	.9300309	.6944600	.1935288	.1059731
#2	.3948603	.0608192	.9511205	.6981287	.1999391	.1112353
#3	.3949689	.0567202	.9450181	.6965164	.1978319	.1091657

Elem	Sr4077
Units	ppm
Avg	.2119880
Stddev	.0015126
%RSD	.7135491

#1	.2102675
#2	.2131089
#3	.2125876

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1374.727	2270.441	29452.96	4746.513	2480.016
Stddev	4.983	7.013	91.39	61.834	9.716
%RSD	.3624672	.3088726	.3102876	1.302732	.3917522

#1	1369.167	2262.396	29353.52	4805.650	2469.781
#2	1376.224	2273.670	29472.08	4682.295	2481.154
#3	1378.790	2275.258	29533.27	4751.595	2489.112

Sample Name: K4410-04 Acquired: 08/23/2019 20:06:47 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW10D-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014848	.0031482	.0067876	.0018138	-.002122	.0581366	.2749256
Stddev	.0018414	.0026934	.0012956	.0012729	.002028	.0050780	.0017448
%RSD	124.0170	85.55493	19.08765	70.18104	95.57234	8.734616	.6346365

#1	.0023897	.0014995	.0077949	.0004334	-.000247	.0523216	.2737436
#2	-.000634	.0062564	.0072418	.0029413	-.004275	.0603913	.2741036
#3	.002699	.0016887	.0053261	.0020666	-.001845	.0616968	.2769295

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002267	-.000034	99.36804	.0006636	-.000976	-.002115	7.906804
Stddev	.0000548	.000106	.46768	.0004685	.000147	.000966	.053197
%RSD	24.18036	308.5583	.4706526	70.60266	15.08901	45.67888	.6727972

#1	.0001961	.000039	99.33377	.0001585	-.001081	-.003212	7.878506
#2	.0002899	-.000155	98.91844	.0007484	-.000808	-.001741	7.873737
#3	.0001939	.000013	99.85191	.0010839	-.001039	-.001392	7.968168

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1707382	63.50267	.0005997	.0001694	60.86728	-.001767	.0104641
Stddev	.0010243	.16944	.0004287	.0004031	.31030	.003119	.0001205
%RSD	.5999360	.2668257	71.47721	238.0057	.5097944	176.5594	1.151869

#1	.1701999	63.40132	.0010908	-.000289	60.50978	-.003202	.0104540
#2	.1700953	63.40841	.0003006	.000330	61.06671	-.003910	.0103490
#3	.1719195	63.69828	.0004077	.000467	61.02536	.001812	.0105894

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.859289	.0044032	.3908439	.0003923	8.057290	6.596173	-.005451
Stddev	.088878	.0004625	.0034121	.0003862	.027773	.050452	.000930
%RSD	4.780226	10.50487	.8729987	98.45471	.3446903	.7648723	17.06376

#1	1.840379	.0049145	.3935706	.0002695	8.033079	6.649474	-.006414
#2	1.956100	.0042814	.3870176	.0008249	8.051182	6.549158	-.004558
#3	1.781387	.0040138	.3919435	.0000824	8.087608	6.589887	-.005381

Sample Name: K4410-04 Acquired: 08/23/2019 20:06:47 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW10D-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002754	.0108109	2.138639
Stddev	.000506	.0002954	.011628
%RSD	18.38747	2.732225	.5437108

#1	-.003325	.0104705	2.125331
#2	-.002577	.0109623	2.143752
#3	-.002360	.0109998	2.146834

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1417.994	2376.485	30178.75	4739.977	2566.383
Stddev	2.735	2.401	68.35	33.555	7.991
%RSD	.1928849	.1010423	.2264962	.7079062	.3113595

#1	1420.770	2377.019	30252.73	4706.588	2567.644
#2	1417.910	2378.575	30117.94	4773.694	2573.667
#3	1415.302	2373.862	30165.57	4739.649	2557.836

Sample Name: K4418-02 Acquired: 08/23/2019 15:52:03 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0058728	.0018646	.0022264	.0025581	-.000398	.0106629	.0725841
Stddev	.0009497	.0015216	.0019411	.0007732	.000389	.0048810	.0004654
%RSD	16.17109	81.60144	87.18471	30.22625	97.84323	45.77585	.6411805

#1	.0068426	.0033580	.0040145	.0027290	-.000115	.0062922	.0727074
#2	.0058313	.0003164	.0025028	.0032315	-.000842	.0159300	.0720695
#3	.0049446	.0019194	.0001620	.0017137	-.000237	.0097664	.0729754

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000343	-.000014	11.34240	.0001012	-.000108	-.000549	.0882163
Stddev	.0000303	.000056	.15965	.0002577	.000278	.000743	.0055415
%RSD	88.37046	409.4621	1.407566	254.5488	256.7227	135.2723	6.281745

#1	.0000129	-.000070	11.41608	-.000152	.000189	-.001009	.0945782
#2	.0000689	.000043	11.15922	.000363	-.000151	-.000947	.0856298
#3	.0000209	-.000014	11.45191	.000093	-.000362	.000308	.0844409

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0453952	2.204348	.0008329	.0001818	21.21471	-.000862	.0092171
Stddev	.0007629	.014057	.0001288	.0002572	.23190	.001115	.0004597
%RSD	1.680640	.6377128	15.46040	141.4303	1.093125	129.2913	4.987835

#1	.0462468	2.216734	.0006914	.0001306	21.29156	-.000478	.0092274
#2	.0447740	2.189069	.0009432	.0004608	20.95413	-.002119	.0096715
#3	.0451649	2.207241	.0008640	-.000046	21.39843	.000009	.0087523

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.500695	.0260539	.0403657	.0022099	.4400536	1.589349	.0007190
Stddev	.107799	.0025969	.0005115	.0004403	.0015051	.021505	.0016799
%RSD	7.183274	9.967389	1.267122	19.92490	.3420190	1.353099	233.6449

#1	1.506452	.0232966	.0397752	.0023251	.4386264	1.609772	.0015054
#2	1.390133	.0284533	.0406740	.0017235	.4399083	1.566904	.0018614
#3	1.605501	.0264117	.0406478	.0025813	.4416260	1.591370	-.001210

Sample Name: K4418-02 Acquired: 08/23/2019 15:52:03 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000662	.0022784	.0701715
Stddev	.0002112	.0001783	.0010239
%RSD	318.8655	7.823749	1.459154

#1	-.000176	.0021473	.0699179
#2	.000215	.0024814	.0692981
#3	.000160	.0022066	.0712983

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1396.876	2326.244	29551.20	4881.602	2526.856
Stddev	5.144	2.957	138.02	93.370	1.794
%RSD	.3682264	.1271181	.4670649	1.912684	.0709860

#1	1391.350	2324.106	29421.60	4793.300	2528.341
#2	1401.524	2329.619	29535.67	4979.325	2527.365
#3	1397.755	2325.007	29696.33	4872.182	2524.863

Sample Name: CCB12 Acquired: 08/23/2019 21:57:24 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA8504 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023680	.0035727	.0008785	-.002677	-.001417	.0082720	.0010669
Stddev	.0034792	.0018824	.0014415	.001143	.001486	.0176953	.0003259
%RSD	146.9284	52.69069	164.0849	42.70802	104.8769	213.9168	30.54896

#1	.0034025	.0015320	-.000580	-.001415	-.003115	.0207650	.0012612
#2	.0052125	.0052414	.002303	-.003644	-.000774	.0160280	.0012488
#3	-.001511	.0039446	.000913	-.002971	-.000360	-.011977	.0006906

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000249	.0001110	.0134912	.0003779	.0002871	-.000563	-.007341
Stddev	.0000603	.0000460	.0101992	.0003212	.0002375	.003410	.001462
%RSD	242.1713	41.47994	75.59948	85.00050	82.71853	605.9226	19.91430

#1	-.000038	.0000653	.0135324	.0006086	.0004133	-.002252	-.008415
#2	.000032	.0001573	.0236697	.0005142	.0004347	.003362	-.005676
#3	.000082	.0001104	.0032714	.0000110	.0000131	-.002798	-.007932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000062	-.011408	.0003222	.0002212	.2003449	-.001860	.0005869
Stddev	.000171	.004205	.0008331	.0001747	.3601414	.002201	.0001522
%RSD	274.8135	36.86279	258.5771	78.99543	179.7607	118.3409	25.94036

#1	.000119	-.012204	.0001973	.0002994	.0140210	.000379	.0005787
#2	-.000085	-.015158	.0012106	.0000210	.6154763	-.004022	.0007430
#3	-.000220	-.006861	-.000441	.0003431	-.028463	-.001938	.0004389

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1404489	.0015998	.0106084	.0000349	-.006683	.0050694	.0005249
Stddev	.0140300	.0020377	.0009342	.0001920	.002090	.0007737	.0017428
%RSD	9.989398	127.3692	8.806004	550.8987	31.28041	15.26226	331.9956

#1	.1450695	.0008598	.0116619	.0001063	-.007362	.0052201	.0021430
#2	.1515858	.0039041	.0102823	-.000183	-.008350	.0057567	.0007521
#3	.1246914	.0000355	.0098809	.000181	-.004337	.0042315	-.001320

Sample Name: CCB12 Acquired: 08/23/2019 21:57:24 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA8504 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000934	.0007029	.0001862
Stddev	.0009191	.0014272	.0000684
%RSD	983.6409	203.0484	36.75541

#1	.0010295	.0018853	.0001946
#2	-.000808	.0011060	.0002500
#3	.000059	-.000883	.0001140

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1353.960	2248.121	28623.67	4454.215	2381.785
Stddev	1.636	2.861	19.96	8.656	1.952
%RSD	.1207976	.1272728	.0697333	.1943403	.0819371

#1	1352.701	2244.822	28641.09	4445.363	2381.687
#2	1353.372	2249.931	28601.89	4454.622	2379.884
#3	1355.809	2249.609	28628.03	4462.661	2383.783

Sample Name: K4418-02DUP Acquired: 08/23/2019 15:55:55 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0028664	.0034233	.0041306	.0007309	-.000658	.0192820	.0740609
Stddev	.0013104	.0007614	.0008630	.0011356	.000896	.0064008	.0005447
%RSD	45.71692	22.24254	20.89432	155.3819	136.2373	33.19563	.7355276

#1	.0015905	.0027504	.0031625	.0016291	-.000890	.0143659	.0739009
#2	.0027999	.0042498	.0044095	.0011090	-.001414	.0265196	.0736140
#3	.0042089	.0032697	.0048196	-.000546	.000332	.0169606	.0746677

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000513	.0000866	11.63644	.0003446	.0000941	-.001230	.0963536
Stddev	.0000308	.0000640	.11684	.0002468	.0000700	.002973	.0099492
%RSD	59.98468	73.93882	1.004059	71.62450	74.44547	241.7030	10.32571

#1	.0000280	.0001566	11.61291	.0001628	.0000184	-.003623	.0907731
#2	.0000398	.0000722	11.53315	.0006256	.0001566	.002098	.0904472
#3	.0000862	.0000310	11.76324	.0002454	.0001072	-.002165	.1078404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0467617	2.220436	.0005525	.0003505	21.49432	-.000149	.0086440
Stddev	.0001542	.032380	.0004396	.0002871	.15882	.001830	.0004218
%RSD	.3296883	1.458279	79.56359	81.91291	.7388926	1231.185	4.879377

#1	.0467796	2.199096	.0010518	.0001711	21.65695	.001955	.0091307
#2	.0465993	2.204518	.0003815	.0006817	21.33961	-.001023	.0083855
#3	.0469061	2.257694	.0002241	.0001988	21.48639	-.001378	.0084158

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.509984	.0265994	.0407372	.0024019	.4536098	1.628059	-.000238
Stddev	.039854	.0018947	.0003542	.0002412	.0045401	.010062	.001905
%RSD	2.639377	7.123250	.8695826	10.03992	1.000882	.6180589	801.4653

#1	1.548846	.0281474	.0406149	.0021268	.4578665	1.632787	.000819
#2	1.511901	.0244864	.0411364	.0025768	.4541314	1.616503	-.002437
#3	1.469207	.0271643	.0404604	.0025022	.4488314	1.634886	.000905

Sample Name: K4418-02DUP Acquired: 08/23/2019 15:55:55 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000174	.0025619	.0716904
Stddev	.000585	.0007028	.0002203
%RSD	337.2080	27.43336	.3073125

#1	-.000456	.0033665	.0714396
#2	.000499	.0020683	.0718526
#3	-.000564	.0022508	.0717790

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1403.517	2323.104	29621.35	4835.701	2518.983
Stddev	5.844	3.256	95.99	36.740	6.400
%RSD	.4163704	.1401526	.3240430	.7597618	.2540839

#1	1396.804	2322.181	29524.57	4801.359	2511.612
#2	1407.470	2320.409	29716.52	4874.443	2523.128
#3	1406.277	2326.722	29622.96	4831.301	2522.209

Sample Name: K4418-02MS Acquired: 08/23/2019 16:04:02 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.8165355	1.979294	1.014834	2.055013	.7961170	2.051295	.2819188
Stddev	.0064442	.003369	.002882	.005295	.0035112	.030068	.0034231
%RSD	.7892063	.1702029	.2839706	.2576850	.4410380	1.465825	1.214218

#1	.8101937	1.976486	1.017811	2.060817	.7997848	2.023855	.2794684
#2	.8230774	1.978367	1.012058	2.050444	.7957796	2.046591	.2804581
#3	.8163355	1.983030	1.014634	2.053779	.7927868	2.083438	.2858300

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2105026	.2114722	12.52630	.4183060	.2056405	.3190612	3.345875
Stddev	.0013338	.0002826	.17462	.0022363	.0002587	.0032159	.059809
%RSD	.6336140	.1336262	1.394049	.5345968	.1257935	1.007930	1.787532

#1	.2107429	.2117191	12.39647	.4171101	.2055469	.3162495	3.300135
#2	.2090650	.2111640	12.45761	.4208859	.2054416	.3183664	3.323935
#3	.2116998	.2115336	12.72483	.4169219	.2059329	.3225677	3.413555

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2575443	4.289590	.5183195	.0739234	24.81670	.3122673	.2179774
Stddev	.0025308	.052870	.0013705	.0004664	.34169	.0065138	.0033204
%RSD	.9826450	1.232519	.2644098	.6309035	1.376857	2.085981	1.523256

#1	.2561486	4.262155	.5179091	.0734689	24.72648	.3078520	.2193325
#2	.2560187	4.256076	.5172011	.0744008	24.52917	.3092016	.2204060
#3	.2604656	4.350538	.5198483	.0739006	25.19444	.3197484	.2141938

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.92892	6.430406	.3375618	.3957262	.4311295	2.618522	.7009932
Stddev	.05251	.007631	.0030524	.0004264	.0020955	.021342	.0012779
%RSD	.4401999	.1186669	.9042596	.1077516	.4860425	.8150214	.1822958

#1	11.87713	6.430097	.3365206	.3958217	.4302120	2.611335	.7007011
#2	11.92750	6.422934	.3351661	.3960967	.4296493	2.601701	.7023919
#3	11.98213	6.438186	.3409986	.3952601	.4335272	2.642529	.6998867

Sample Name: K4418-02MS Acquired: 08/23/2019 16:04:02 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1983402	.1083023	.2785592
Stddev	.0012143	.0022568	.0024747
%RSD	.6122239	2.083780	.8883739

#1	.1981625	.1059180	.2783440
#2	.1972245	.1085838	.2761993
#3	.1996335	.1104052	.2811345

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1393.766	2315.040	29654.21	4796.327	2529.863
Stddev	17.154	5.583	119.88	31.896	5.968
%RSD	1.230770	.2411768	.4042620	.6650042	.2359004

#1	1382.732	2308.647	29716.51	4796.620	2524.017
#2	1385.036	2318.956	29516.01	4828.075	2535.946
#3	1413.529	2317.518	29730.11	4764.285	2529.627

Sample Name: K4418-02LX5 Acquired: 08/23/2019 16:00:09 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0019071	.0013420	.0020264	.0001772	-.001191	.0013170	.0156884
Stddev	.0020069	.0047870	.0007866	.0009946	.001070	.0076846	.0007590
%RSD	105.2314	356.7065	38.81616	561.2156	89.84331	583.5012	4.838225

#1	.0035537	-.003008	.0029225	.0008398	-.002349	-.000867	.0164464
#2	-.000328	.006470	.0017061	-.000966	-.000239	.009857	.0156904
#3	.002496	.000564	.0014504	.000658	-.000985	-.005039	.0149283

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000160	.0000823	2.301659	.0000358	.0001264	.0014540	.0163066
Stddev	.0000642	.0000258	.014778	.0001202	.0001050	.0011374	.0025497
%RSD	402.7769	31.30519	.6420697	335.7106	83.11014	78.22254	15.63610

#1	.0000720	.0000878	2.284835	.0001607	.0000269	.0013006	.0163434
#2	.0000300	.0001049	2.307598	-.000079	.0002361	.0026604	.0137387
#3	-.000054	.0000542	2.312544	.000026	.0001160	.0004012	.0188378

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094878	.4488341	.0000437	.0002633	4.209127	-.003934	.0022885
Stddev	.0002770	.0029005	.0000930	.0001789	.236243	.002065	.0003323
%RSD	2.919139	.6462313	212.9554	67.93696	5.612640	52.48970	14.52256

#1	.0096044	.4461619	-.000063	.0001996	3.940187	-.001571	.0020426
#2	.0091716	.4484215	.000090	.0001250	4.383149	-.004836	.0021563
#3	.0096875	.4519188	.000104	.0004653	4.304045	-.005394	.0026666

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4001840	.0056032	.0058696	.0001442	.0924002	.3251161	-.000877
Stddev	.1414683	.0003616	.0009655	.0006073	.0009470	.0013789	.001475
%RSD	35.35081	6.453920	16.44844	421.1867	1.024908	.4241373	168.1268

#1	.2992819	.0054228	.0048983	.0008089	.0934877	.3236893	-.002363
#2	.5618886	.0060195	.0068291	.0000054	.0919559	.3264416	.000586
#3	.3393815	.0053672	.0058814	-.000382	.0917571	.3252174	-.000855

Sample Name: K4418-02LX5 Acquired: 08/23/2019 16:00:09 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000125	-.001574	.0142235
Stddev	.000356	.000672	.0000970
%RSD	285.5713	42.68677	.6819502

#1	-.000288	-.002021	.0141116
#2	.000284	-.001899	.0142825
#3	-.000370	-.000801	.0142765

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1392.853	2303.050	29358.75	4820.003	2478.335
Stddev	7.954	.944	99.97	19.238	1.358
%RSD	.5710844	.0410006	.3405059	.3991285	.0547858

#1	1384.708	2301.970	29321.24	4812.795	2479.062
#2	1400.602	2303.721	29472.05	4805.410	2476.769
#3	1393.248	2303.459	29282.96	4841.804	2479.175

Sample Name: CCV05 Acquired: 08/23/2019 16:15:02 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	4.921609	4.828410	4.892366	4.872090	4.867571	9.794265	9.894350
Stddev	.016680	.019931	.016366	.002955	.004218	.106409	.120814
%RSD	.3389067	.4127826	.3345269	.0606586	.0866456	1.086446	1.221040

#1	4.911995	4.832082	4.892835	4.868698	4.863032	9.676272	9.760756
#2	4.940869	4.806898	4.875770	4.873456	4.868310	9.823576	9.926355
#3	4.911963	4.846249	4.908493	4.874115	4.871370	9.882946	9.995940

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2477481	2.471637	24.68049	.9928377	2.453144	1.242479	4.985148
Stddev	.0020673	.005953	.37058	.0022592	.007586	.014863	.074256
%RSD	.8344296	.2408655	1.501491	.2275520	.3092281	1.196237	1.489554

#1	.2453896	2.471998	24.25877	.9949547	2.457799	1.225595	4.901065
#2	.2492466	2.465511	24.82860	.9904590	2.444390	1.248254	5.012648
#3	.2486080	2.477401	24.95410	.9930992	2.457241	1.253587	5.041732

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.479579	24.62703	2.458170	1.232262	24.44835	2.459176	2.469013
Stddev	.035226	.35849	.004772	.005323	.13259	.034142	.008467
%RSD	1.420652	1.455691	.1941297	.4319465	.5423221	1.388352	.3429472

#1	2.439685	24.23482	2.459950	1.236593	24.29631	2.419863	2.470510
#2	2.492655	24.70847	2.452764	1.226320	24.50877	2.476275	2.459898
#3	2.506398	24.93779	2.461797	1.233873	24.53997	2.481390	2.476633

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.32353	5.042352	4.900865	4.914610	4.870761	4.931523	4.913007
Stddev	.30666	.011353	.044903	.005245	.010330	.038163	.006385
%RSD	1.260757	.2251534	.9162244	.1067173	.2120752	.7738614	.1299669

#1	23.96961	5.055435	4.849268	4.911250	4.879810	4.888463	4.912903
#2	24.49070	5.036521	4.931083	4.920654	4.859507	4.961163	4.906674
#3	24.51028	5.035099	4.922246	4.911927	4.872967	4.944944	4.919443

Sample Name: CCV05 Acquired: 08/23/2019 16:15:02 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.886689	4.859156	4.890217
Stddev	.052235	.076686	.089010
%RSD	1.068920	1.578170	1.820155

#1	4.828030	4.773113	4.795499
#2	4.903864	4.884063	4.903019
#3	4.928174	4.920292	4.972132

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1360.344	2293.986	29053.66	4773.193	2522.947
Stddev	4.702	3.036	153.41	34.836	2.713
%RSD	.3456350	.1323471	.5280141	.7298240	.1075158

#1	1359.443	2296.833	28914.90	4813.282	2521.103
#2	1365.431	2290.791	29218.40	4750.282	2526.061
#3	1356.158	2294.334	29027.68	4756.016	2521.676

Sample Name: K4418-02MSD Acquired: 08/23/2019 16:07:40 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.8022678	1.936076	.9982540	1.999647	.7780227	2.037701	.2773020
Stddev	.0081373	.007704	.0028224	.005329	.0009418	.018897	.0016710
%RSD	1.014284	.3979400	.2827386	.2664859	.1210484	.9273887	.6025822

#1	.8113705	1.942136	1.000436	1.994223	.7769379	2.019672	.2759110
#2	.7997340	1.938686	.995066	2.004875	.7784992	2.036069	.2768394
#3	.7956989	1.927406	.999260	1.999844	.7786310	2.057361	.2791555

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2080143	.2073626	12.06365	.4133627	.2015582	.3137853	3.297078
Stddev	.0012479	.0003636	.06130	.0067110	.0002565	.0019442	.020953
%RSD	.5998982	.1753238	.5081147	1.623517	.1272384	.6195877	.6355039

#1	.2083456	.2073277	12.01463	.4102013	.2018433	.3115407	3.274271
#2	.2066342	.2070179	12.04395	.4210705	.2013462	.3148737	3.301490
#3	.2090630	.2077424	12.13238	.4088162	.2014851	.3149414	3.315474

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2516262	4.131918	.5086028	.0737106	23.86957	.3075870	.2151777
Stddev	.0022311	.049319	.0017345	.0011811	.31845	.0030545	.0024374
%RSD	.8866875	1.193608	.3410308	1.602388	1.334107	.9930382	1.132747

#1	.2495047	4.112815	.5087379	.0738464	23.58486	.3040602	.2141247
#2	.2514210	4.187931	.5068048	.0748180	24.21345	.3093792	.2179646
#3	.2539528	4.095008	.5102659	.0724675	23.81039	.3093216	.2134438

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.81175	6.310100	.3337628	.3866098	.4123838	2.547824	.6905346
Stddev	.19541	.030067	.0020054	.0009747	.0019111	.009870	.0016463
%RSD	1.654327	.4764884	.6008496	.2521215	.4634164	.3873790	.2384146

#1	11.58637	6.334275	.3356668	.3857720	.4132218	2.548644	.6918899
#2	11.91519	6.319593	.3316694	.3876796	.4101969	2.537571	.6910114
#3	11.93370	6.276432	.3339521	.3863778	.4137327	2.557259	.6887025

Sample Name: K4418-02MSD Acquired: 08/23/2019 16:07:40 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1947306	.1076463	.2725468
Stddev	.0021295	.0016340	.0022289
%RSD	1.093544	1.517954	.8178036

#1	.1924920	.1066571	.2699749
#2	.1949691	.1067495	.2737500
#3	.1967308	.1095324	.2739155

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1390.001	2313.945	29492.97	4756.172	2526.246
Stddev	19.103	6.214	437.91	31.352	7.261
%RSD	1.374345	.2685404	1.484804	.6591804	.2874060

#1	1399.907	2308.370	29722.43	4764.948	2518.736
#2	1367.980	2320.644	28988.01	4782.202	2533.228
#3	1402.118	2312.821	29768.47	4721.368	2526.774

Sample Name: K4330-04LX5 Acquired: 08/23/2019 16:34:45 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0297141	.0043197	.0053580	.0003932	.0006797	.1026183
Stddev	.0035867	.0046202	.0030262	.0022762	.0005344	.0083362
%RSD	12.07085	106.9550	56.48038	578.9402	78.62810	8.123483

#1	.0280713	.0037945	.0020161	.0029709	.0009391	.0956645
#2	.0338280	-.000015	.0061447	-.001340	.0010350	.1118594
#3	.0272429	.009180	.0079131	-.000451	.0000651	.1003312

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151996	.0000965	-.000033	146.5312	.0030195	-.001417
Stddev	.0006911	.0000105	.000095	1.1847	.0005023	.000101
%RSD	4.546595	10.92632	286.5324	.8085086	16.63459	7.141636

#1	.0145368	.0000847	-.000122	145.3297	.0034727	-.001524
#2	.0159158	.0000996	.000067	147.6984	.0024795	-.001322
#3	.0151461	.0001051	-.000045	146.5654	.0031063	-.001404

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028495	.3928421	.1728709	484.6511	.0001420	.0003127
Stddev	.0031779	.0040428	.0025965	3.6895	.0002651	.0002111
%RSD	111.5254	1.029109	1.501976	.7612618	186.7001	67.51098

#1	.0028986	.3975029	.1699769	480.9703	.0000475	.0005337
#2	-.000353	.3902834	.1749965	488.3491	-.000063	.0001131
#3	.006002	.3907401	.1736391	484.6338	.000441	.0002914

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4073.273	.0010155	.0044069	168.1815	1.068362	1.633204
Stddev	28.027	.0020844	.0002507	.8512	.005498	.009246
%RSD	.6880591	205.2557	5.688813	.5061114	.5146443	.5661055

#1	4044.271	-.000953	.0045534	167.2733	1.072588	1.633174
#2	4100.210	.000800	.0041174	168.9611	1.070352	1.642464
#3	4075.338	.003199	.0045498	168.3101	1.062145	1.623973

Sample Name: K4330-04LX5 Acquired: 08/23/2019 16:34:45 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0093321	313.0044	3.233133	-.001328	-.002235	.0829180
Stddev	.0002363	1.1589	.022737	.001448	.000903	.0016395
%RSD	2.532483	.3702657	.7032646	109.0534	40.40984	1.977290

#1	.0093674	312.1015	3.246626	.000171	-.001486	.0820655
#2	.0095488	314.3113	3.245891	-.002718	-.003238	.0848082
#3	.0090801	312.6005	3.206881	-.001436	-.001981	.0818804

Elem	Sr4077
Units	ppm
Avg	2.842162
Stddev	.010141
%RSD	.3568110

#1	2.831103
#2	2.844357
#3	2.851026

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1178.476	2074.131	24978.04	4360.641	2146.676
Stddev	6.166	4.954	71.46	46.842	4.464
%RSD	.5231966	.2388503	.2860833	1.074203	.2079311

#1	1183.007	2069.585	25008.42	4352.903	2141.549
#2	1171.454	2073.398	25029.29	4318.149	2148.789
#3	1180.967	2079.411	24896.41	4410.870	2149.692

Sample Name: K4330-04 Acquired: 08/23/2019 16:26:36 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.1196290	-.003932	.0234455	.0040788	.0079947	.4362742
Stddev	.0031181	.006471	.0011190	.0021556	.0007191	.0104357
%RSD	2.606470	164.5643	4.772927	52.84860	8.994340	2.392012

#1	.1222508	-.009642	.0247351	.0062986	.0074859	.4255140
#2	.1161810	.003097	.0228714	.0039443	.0076809	.4463520
#3	.1204551	-.005252	.0227301	.0019937	.0088173	.4369564

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0746978	.0000905	-.000041	700.0800	.0039216	-.000805
Stddev	.0010741	.0000723	.000220	7.3120	.0010894	.000298
%RSD	1.437901	79.82139	535.8260	1.044453	27.78072	36.98806

#1	.0742287	.0000548	.000128	695.4364	.0027272	-.000559
#2	.0739381	.0001737	-.000290	696.2949	.0048607	-.001136
#3	.0759267	.0000431	.000038	708.5086	.0041768	-.000719

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019292	1.801535	.8163080	F 2338.772	-.001504	.0001176
Stddev	.0045079	.030609	.0100961	30.194	.000575	.0001336
%RSD	233.6622	1.699077	1.236802	1.291000	38.25298	113.6085

#1	.0070851	1.773733	.8073839	2313.092	-.001301	.0002239
#2	-.001269	1.796535	.8142738	2331.190	-.001058	.0001614
#3	-.000029	1.834336	.8272663	2372.034	-.002154	-.000032

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20737.21	.0262813	.0311538	F 927.7647	5.163343	7.392939
Stddev	627.14	.0039827	.0007218	9.8027	.006597	.055814
%RSD	3.024242	15.15411	2.317018	1.056594	.1277641	.7549601

#1	20075.04	.0238529	.0305107	921.5231	5.167241	7.368394
#2	20814.40	.0308777	.0319345	922.7077	5.155727	7.353605
#3	21322.18	.0241133	.0310163	939.0632	5.167062	7.456819

Sample Name: K4330-04 Acquired: 08/23/2019 16:26:36 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0444896	1280.081	16.03547	.0128555	-.008770	.4982209
Stddev	.0009058	1.183	.10811	.0024235	.000902	.0017352
%RSD	2.036075	.0924135	.6742081	18.85190	10.28213	.3482687

#1	.0441858	1280.626	15.96706	.0108781	-.008568	.4975387
#2	.0437746	1280.893	15.97925	.0155591	-.007986	.5001935
#3	.0455082	1278.724	16.16011	.0121295	-.009755	.4969305

Elem	Sr4077
Units	ppm
Avg	13.82161
Stddev	.07851
%RSD	.5680563

#1	13.88860
#2	13.73521
#3	13.84102

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	947.3255	1719.344	20259.07	3806.294	1595.744
Stddev	3.9477	5.074	83.77	26.210	1.504
%RSD	.4167224	.2951294	.4135124	.6886093	.0942273

#1	948.5131	1720.017	20292.45	3822.655	1596.299
#2	942.9203	1724.047	20321.02	3820.164	1596.892
#3	950.5431	1713.966	20163.76	3776.063	1594.042

Sample Name: K4330-04MS Acquired: 08/23/2019 16:38:35 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.8585086	2.081224	1.156505	1.658882	.8313218	2.695450
Stddev	.0022890	.003272	.001482	.002404	.0013812	.004301
%RSD	.2666246	.1572113	.1281318	.1449313	.1661454	.1595771

#1	.8569633	2.080954	1.156705	1.661655	.8322185	2.693781
#2	.8574242	2.078095	1.154934	1.657382	.8320157	2.692232
#3	.8611382	2.084622	1.157877	1.657608	.8297312	2.700335

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2831793	.2205313	.2027939	675.2760	.3781413	.2111130
Stddev	.0014295	.0007661	.0002020	2.0331	.0018399	.0001982
%RSD	.5048202	.3473883	.0995975	.3010793	.4865781	.0938887

#1	.2822506	.2208430	.2029915	672.9831	.3785058	.2108863
#2	.2848255	.2196585	.2025879	675.9859	.3797717	.2112534
#3	.2824618	.2210925	.2028023	676.8590	.3761464	.2111994

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3341259	4.694151	.9785626	F 2255.436	.5071315	.1011242
Stddev	.0020072	.007590	.0049422	7.451	.0010849	.0005883
%RSD	.6007470	.1616937	.5050500	.3303583	.2139374	.5817388

#1	.3346622	4.694228	.9728765	2248.115	.5081118	.1014460
#2	.3358105	4.686523	.9818258	2255.182	.5073169	.1014814
#3	.3319049	4.701703	.9809857	2263.010	.5059658	.1004452

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19849.99	.3297359	.2448636	F 898.2814	11.81274	7.434234
Stddev	460.41	.0050754	.0021636	1.8639	.03023	.034534
%RSD	2.319472	1.539243	.8835858	.2074972	.2558700	.4645323

#1	19367.96	.3309540	.2448749	896.1857	11.81550	7.466548
#2	19896.80	.3340915	.2470216	898.9049	11.78122	7.397841
#3	20285.21	.3241623	.2426944	899.7537	11.84148	7.438311

Sample Name: K4330-04MS Acquired: 08/23/2019 16:38:35 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.4116756	1248.855	16.51126	.7627296	.1907189	.5474970
Stddev	.0017674	4.420	.05795	.0044894	.0009694	.0081978
%RSD	.4293273	.3539580	.3509480	.5886019	.5083110	1.497330

#1	.4129542	1250.767	16.55073	.7587989	.1896034	.5381659
#2	.4124138	1243.800	16.44473	.7617680	.1911963	.5535421
#3	.4096587	1251.997	16.53831	.7676220	.1913571	.5507829

Elem	Sr4077
Units	ppm
Avg	13.41067
Stddev	.07382
%RSD	.5504275

#1	13.35633
#2	13.49471
#3	13.38096

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	950.2831	1733.108	20224.58	3742.825	1612.486
Stddev	6.9700	8.397	125.40	12.350	5.984
%RSD	.7334653	.4844778	.6200566	.3299679	.3711166

#1	947.8099	1725.139	20121.68	3728.927	1605.609
#2	944.8869	1732.311	20187.80	3752.541	1615.335
#3	958.1524	1741.875	20364.26	3747.008	1616.513

Sample Name: K4330-04MSD Acquired: 08/23/2019 16:42:33 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.8614064	2.083211	1.163821	1.672328	.8378172	2.672052
Stddev	.0022777	.006264	.004766	.008432	.0026718	.030606
%RSD	.2644110	.3006974	.4095444	.5042076	.3189016	1.145394

#1	.8592796	2.085240	1.164229	1.671914	.8408983	2.646260
#2	.8638096	2.088209	1.168371	1.680959	.8361396	2.664024
#3	.8611300	2.076184	1.158864	1.664110	.8364137	2.705871

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2804538	.2221521	.2049631	675.8205	.3834989	.2128626
Stddev	.0029253	.0016878	.0009122	7.1180	.0010889	.0010112
%RSD	1.043056	.7597498	.4450328	1.053239	.2839413	.4750662

#1	.2772161	.2204719	.2053067	668.5704	.3825267	.2131814
#2	.2812389	.2221369	.2056535	676.0925	.3832945	.2136761
#3	.2829064	.2238474	.2039290	682.7986	.3846755	.2117304

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3313948	4.667241	.9778802	F 2260.978	.5110899	.1002226
Stddev	.0082974	.042432	.0098962	27.718	.0024267	.0011389
%RSD	2.503770	.9091536	1.012001	1.225922	.4748044	1.136386

#1	.3225843	4.625122	.9680165	2231.621	.5108540	.0989782
#2	.3325400	4.666621	.9778154	2264.614	.5136259	.1004763
#3	.3390600	4.709980	.9878085	2286.698	.5087898	.1012132

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19770.18	.3258135	.2471656	F 900.9943	11.87436	7.499905
Stddev	409.96	.0062038	.0002669	8.9790	.05732	.055607
%RSD	2.073650	1.904094	.1079710	.9965658	.4827509	.7414354

#1	19301.50	.3186704	.2470116	892.0942	11.84593	7.451004
#2	20062.17	.3298524	.2474737	900.8384	11.94034	7.488318
#3	19946.87	.3289178	.2470114	910.0502	11.83681	7.560392

Sample Name: K4330-04MSD Acquired: 08/23/2019 16:42:33 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.4146078	1253.583	16.62573	.7690437	.1919050	.4967204
Stddev	.0022583	6.241	.14088	.0014205	.0028290	.0092137
%RSD	.5446820	.4978350	.8473451	.1847049	1.474161	1.854907

#1	.4120408	1257.327	16.50786	.7704769	.1887601	.4868389
#2	.4162887	1257.043	16.58757	.7690177	.1942426	.4982468
#3	.4154939	1246.378	16.78175	.7676364	.1927122	.5050757

Elem	Sr4077
Units	ppm
Avg	13.53742
Stddev	.18303
%RSD	1.351994

#1	13.44552
#2	13.41855
#3	13.74818

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	951.6105	1734.282	20336.56	3756.746	1611.607
Stddev	5.5278	3.480	43.91	10.390	4.328
%RSD	.5808857	.2006674	.2158980	.2765589	.2685302

#1	946.7136	1730.267	20312.68	3765.242	1607.113
#2	950.5131	1736.146	20309.77	3759.833	1611.963
#3	957.6046	1736.434	20387.23	3745.163	1615.746

Sample Name: K4330-06 Acquired: 08/23/2019 16:50:31 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0978533	-.001231	.0198552	.0020509	.0062533	.2131012
Stddev	.0045517	.005490	.0012962	.0011882	.0020576	.0159418
%RSD	4.651501	445.8779	6.528266	57.93706	32.90519	7.480852

#1	.0931647	-.006409	.0212743	.0030903	.0038817	.2216225
#2	.1022543	-.001809	.0187336	.0007556	.0075638	.2229715
#3	.0981408	.004524	.0195578	.0023069	.0073143	.1947097

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0809603	.0000172	-.000054	631.6831	.0026285	-.000743
Stddev	.0010443	.0001415	.000013	3.1363	.0005071	.000394
%RSD	1.289884	825.0779	23.28668	.4965021	19.29410	52.98224

#1	.0805592	-.000127	-.000059	631.9802	.0031735	-.000438
#2	.0821457	.000022	-.000040	634.6604	.0025416	-.001187
#3	.0801760	.000156	-.000064	628.4089	.0021704	-.000603

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013233	.1027192	.7307377	F 2116.537	-.000176	-.000198
Stddev	.0020894	.0050636	.0031007	8.788	.001075	.000222
%RSD	157.8997	4.929526	.4243221	.4152063	610.8428	111.9166

#1	.0036726	.1004945	.7289062	2111.353	-.000920	.000042
#2	-.000327	.0991488	.7343177	2126.683	-.000664	-.000241
#3	.000624	.1085143	.7289890	2111.573	.001056	-.000396

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18282.27	.0170106	.0317283	F 830.2820	3.990596	6.675894
Stddev	134.99	.0023855	.0007969	9.1217	.026095	.070453
%RSD	.7383844	14.02351	2.511604	1.098631	.6539089	1.055329

#1	18128.86	.0151198	.0321585	819.7517	4.018570	6.757157
#2	18335.04	.0162212	.0322177	835.3424	3.966912	6.638557
#3	18382.90	.0196907	.0308088	835.7517	3.986305	6.631969

Sample Name: K4330-06 Acquired: 08/23/2019 16:50:31 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0400790	1172.469	14.13975	.0078621	-.015090	.2879320
Stddev	.0003613	7.413	.17999	.0027133	.001622	.0059304
%RSD	.9013328	.6322321	1.272915	34.51139	10.75112	2.059640

#1	.0403856	1180.520	14.34736	.0054504	-.016358	.2813328
#2	.0401707	1165.927	14.04415	.0073359	-.013262	.2928149
#3	.0396808	1170.961	14.02773	.0107999	-.015649	.2896483

Elem	Sr4077
Units	ppm
Avg	12.34055
Stddev	.14408
%RSD	1.167569

#1	12.27202
#2	12.24352
#3	12.50611

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	956.7322	1755.800	20340.19	3801.717	1641.665
Stddev	8.7458	16.829	75.21	43.358	11.636
%RSD	.9141350	.9584941	.3697380	1.140489	.7087807

#1	958.6074	1736.385	20341.40	3755.488	1628.242
#2	947.2009	1764.789	20264.38	3808.186	1647.867
#3	964.3884	1766.225	20414.78	3841.477	1648.886

Sample Name: K4330-04A Acquired: 08/23/2019 16:46:32 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.8947456	2.181472	1.222453	1.739807	.8727637	2.818757
Stddev	.0056639	.014651	.005451	.006597	.0021579	.012599
%RSD	.6330190	.6716209	.4458747	.3791612	.2472505	.4469796

#1	.8940688	2.196794	1.223430	1.746637	.8717443	2.824942
#2	.8894504	2.167599	1.216580	1.733472	.8713045	2.827069
#3	.9007174	2.180025	1.227349	1.739311	.8752425	2.804261

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2946826	.2353597	.2151845	694.6648	.3981803	.2238732
Stddev	.0005956	.0033483	.0006025	4.7108	.0010675	.0009243
%RSD	.2021166	1.422651	.2799974	.6781421	.2681018	.4128669

#1	.2951556	.2392259	.2154778	700.1007	.3993548	.2246270
#2	.2940137	.2334605	.2144915	692.1194	.3979173	.2228419
#3	.2948785	.2333928	.2155841	691.7743	.3972689	.2241506

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3511190	4.867020	1.006706	F 2322.010	.5353833	.1065141
Stddev	.0063314	.020105	.002678	5.333	.0018602	.0003246
%RSD	1.803204	.4130926	.2660376	.2296525	.3474512	.3047613

#1	.3477299	4.850599	1.009146	2328.104	.5362930	.1068581
#2	.3472036	4.861018	1.003840	2318.199	.5332433	.1064713
#3	.3584236	4.889442	1.007132	2319.727	.5366135	.1062131

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20449.44	.3441573	.2600293	F 931.1578	12.35163	7.776695
Stddev	151.40	.0029629	.0015677	2.9562	.08939	.123288
%RSD	.7403449	.8609142	.6028960	.3174761	.7237329	1.585351

#1	20509.81	.3459223	.2615463	929.4681	12.42319	7.918615
#2	20277.18	.3407366	.2584154	929.4340	12.25143	7.715435
#3	20561.35	.3458130	.2601261	934.5713	12.38027	7.696037

Sample Name: K4330-04A Acquired: 08/23/2019 16:46:32 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.4328074	1278.298	17.25928	.8092072	.1992808	.4993198
Stddev	.0020672	6.909	.30924	.0037566	.0005914	.0015394
%RSD	.4776178	.5404557	1.791749	.4642345	.2967603	.3083030

#1	.4331194	1284.963	17.61361	.8094077	.1989404	.4977687
#2	.4306020	1271.169	17.12039	.8053544	.1999636	.4993436
#3	.4347008	1278.762	17.04383	.8128596	.1989382	.5008472

Elem	Sr4077
Units	ppm
Avg	14.09324
Stddev	.15363
%RSD	1.090084

#1	14.26679
#2	14.03829
#3	13.97465

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	934.7491	1703.440	19999.39	3653.958	1581.581
Stddev	3.0791	10.792	51.31	52.048	10.659
%RSD	.3294052	.6335584	.2565606	1.424429	.6739616

#1	933.7547	1691.050	20004.62	3594.618	1569.337
#2	938.2025	1708.474	20047.89	3691.877	1588.793
#3	932.2900	1710.795	19945.67	3675.380	1586.613

Sample Name: K4330-04DUP Acquired: 08/23/2019 16:58:30 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.1221895	-.002512	.0295645	.0019731	.0052749	.4506727
Stddev	.0033972	.003318	.0022934	.0023756	.0028885	.0202671
%RSD	2.780262	132.0863	7.757184	120.4001	54.75986	4.497078

#1	.1259391	-.005182	.0311929	.0022160	.0076477	.4465874
#2	.1193165	-.003556	.0269418	-.000515	.0061186	.4327595
#3	.1213128	.001202	.0305588	.004218	.0020585	.4726713

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0773712	.0000296	-.000139	701.5385	.0044801	-.001589
Stddev	.0007687	.0001187	.000075	4.0229	.0011949	.000630
%RSD	.9934815	401.4886	54.21676	.5734350	26.67234	39.63388

#1	.0770514	-.000013	-.000203	698.0451	.0054714	-.001379
#2	.0782482	-.000062	-.000159	705.9367	.0031532	-.002298
#3	.0768141	.000164	-.000056	700.6336	.0048157	-.001091

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009836	1.795532	.8156247	F 2328.461	-.001972	.0000419
Stddev	.0030057	.012025	.0045865	15.366	.000476	.0006088
%RSD	305.5817	.6697037	.5623275	.6599269	24.14494	1452.332

#1	.0013755	1.781718	.8124136	2313.539	-.002500	.0001753
#2	.0037742	1.803653	.8208775	2344.236	-.001574	.0005730
#3	-.002199	1.801226	.8135830	2327.610	-.001843	-.000623

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20808.28	.0235698	.0315928	F 947.5268	5.119404	7.526330
Stddev	186.61	.0024446	.0007303	3.9908	.019263	.054620
%RSD	.8967825	10.37168	2.311601	.4211791	.3762670	.7257222

#1	20760.56	.0255231	.0312524	943.1097	5.137343	7.568461
#2	21014.11	.0208283	.0324312	948.5983	5.121822	7.545912
#3	20650.17	.0243578	.0310949	950.8725	5.099046	7.464618

Sample Name: K4330-04DUP Acquired: 08/23/2019 16:58:30 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0447662	1270.761	16.42026	.0121577	-.008499	.3448673
Stddev	.0005760	5.029	.13391	.0017934	.000687	.0072473
%RSD	1.286770	.3957307	.8154927	14.75146	8.083818	2.101491

#1	.0452403	1276.494	16.52732	.0102068	-.009288	.3364987
#2	.0441251	1268.693	16.46333	.0137347	-.008029	.3490592
#3	.0449331	1267.095	16.27011	.0125315	-.008181	.3490438

Elem	Sr4077
Units	ppm
Avg	13.91878
Stddev	.16277
%RSD	1.169423

#1	13.83415
#2	13.81577
#3	14.10643

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	928.3290	1718.383	19786.81	3713.135	1592.852
Stddev	4.2070	12.733	24.32	29.789	10.616
%RSD	.4531801	.7409630	.1229010	.8022514	.6665041

#1	923.8471	1703.698	19763.99	3682.058	1580.812
#2	928.9472	1726.343	19784.05	3715.907	1596.878
#3	932.1927	1725.107	19812.40	3741.441	1600.867

Sample Name: K4418-02A Acquired: 08/23/2019 17:02:33 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.8160126	1.982509	1.020770	2.034329	.7929635	2.098912	.2862049
Stddev	.0015396	.003950	.001398	.002653	.0015046	.005272	.0027822
%RSD	.1886712	.1992415	.1369749	.1304094	.1897488	.2511945	.9720876

#1	.8142595	1.980007	1.021635	2.037341	.7915957	2.104850	.2893708
#2	.8171447	1.987062	1.019157	2.032340	.7945752	2.097109	.2850946
#3	.8166337	1.980456	1.021519	2.033305	.7927196	2.094778	.2841493

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2167972	.2129398	12.58794	.4225102	.2075379	.3212070	3.330260
Stddev	.0034376	.0003856	.14176	.0003321	.0000822	.0022273	.017138
%RSD	1.585632	.1810729	1.126157	.0785911	.0396307	.6934303	.5146184

#1	.2204154	.2125908	12.73421	.4221637	.2075697	.3195675	3.350045
#2	.2164018	.2128750	12.57842	.4225411	.2074445	.3203106	3.320004
#3	.2135744	.2133537	12.45117	.4228257	.2075995	.3237429	3.320730

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2548442	4.365442	.5203632	.0747896	32.79117	.3131728	.2190249
Stddev	.0018608	.060209	.0011682	.0005401	1.18132	.0031723	.0014102
%RSD	.7301641	1.379229	.2244935	.7221072	3.602557	1.012942	.6438475

#1	.2569669	4.424469	.5209402	.0751611	34.02672	.3167942	.2196696
#2	.2540712	4.367742	.5190188	.0741701	32.67397	.3118392	.2199974
#3	.2534945	4.304116	.5211306	.0750377	31.67282	.3108851	.2174076

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.52641	6.455138	.3696359	.3956996	.4459467	2.681912	.7068421
Stddev	.26272	.006733	.0076825	.0007254	.0041678	.040334	.0044889
%RSD	1.942268	.1043111	2.078404	.1833346	.9346002	1.503918	.6350692

#1	13.82530	6.452659	.3783362	.3959880	.4507572	2.724849	.7083586
#2	13.42195	6.462760	.3667853	.3948743	.4434205	2.676065	.7017914
#3	13.33199	6.449997	.3637861	.3962365	.4436623	2.644820	.7103765

Sample Name: K4418-02A Acquired: 08/23/2019 17:02:33 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1990837	.1187040	.2799216
Stddev	.0010399	.0021421	.0002957
%RSD	.5223376	1.804548	.1056315

#1	.1991315	.1207578	.2802508
#2	.1980207	.1188708	.2796784
#3	.2000988	.1164835	.2798357

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1385.820	2291.735	29244.58	4650.167	2496.028
Stddev	3.878	3.786	144.68	58.488	4.076
%RSD	.2798238	.1652238	.4947094	1.257762	.1633087

#1	1383.563	2287.978	29308.80	4584.913	2494.364
#2	1390.298	2295.550	29346.02	4667.717	2500.673
#3	1383.600	2291.677	29078.91	4697.870	2493.048

Sample Name: K4330-05 Acquired: 08/23/2019 17:06:14 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.2351500	-.006226	.0386285	.0063645	.0071273	.2702344
Stddev	.0010461	.002892	.0033080	.0008916	.0034712	.0100249
%RSD	.4448632	46.44115	8.563568	14.00848	48.70285	3.709703

#1	.2345526	-.003895	.0422931	.0066648	.0109086	.2611743
#2	.2345395	-.005321	.0377296	.0070672	.0063881	.2685246
#3	.2363579	-.009462	.0358630	.0053616	.0040853	.2810042

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0611651	-.000039	-.000170	728.4951	.0061896	-.000768
Stddev	.0006372	.000102	.000274	8.1513	.0004831	.000511
%RSD	1.041747	258.7516	160.7180	1.118917	7.804562	66.46611

#1	.0604540	.000056	.000076	719.1766	.0063791	-.000179
#2	.0613571	-.000027	-.000122	732.0061	.0065492	-.001045
#3	.0616843	-.000147	-.000465	734.3024	.0056405	-.001081

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048073	.2404882	.7030998	F 2401.196	-.001239	-.000229
Stddev	.0005985	.0073465	.0081932	29.864	.000692	.000631
%RSD	12.44965	3.054808	1.165296	1.243716	55.86958	275.9052

#1	.0047308	.2342411	.6944281	2369.037	-.001926	.000436
#2	.0042507	.2485817	.7041601	2406.493	-.001250	-.000302
#3	.0054404	.2386418	.7107112	2428.057	-.000541	-.000821

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21969.46	.0122692	.0368380	F 987.3398	24.75569	8.076773
Stddev	528.87	.0025217	.0000909	7.6502	.07765	.068502
%RSD	2.407298	20.55265	.2467949	.7748305	.3136664	.8481370

#1	21383.57	.0134601	.0368933	978.8708	24.66708	8.003785
#2	22113.26	.0139749	.0368875	989.3988	24.81190	8.086865
#3	22411.57	.0093727	.0367331	993.7498	24.78808	8.139670

Sample Name: K4330-05 Acquired: 08/23/2019 17:06:14 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0359560	1151.526	27.37800	.0176714	-.014542	.3438282
Stddev	.0001253	4.703	.29630	.0012130	.000653	.0101335
%RSD	.3485656	.4084434	1.082265	6.864332	4.489435	2.947243
#1	.0360339	1146.210	27.05314	.0167021	-.013995	.3324093
#2	.0360227	1155.145	27.44746	.0172804	-.015265	.3473254
#3	.0358114	1153.225	27.63341	.0190317	-.014367	.3517498

Elem	Sr4077
Units	ppm
Avg	14.25519
Stddev	.31942
%RSD	2.240750
#1	13.91663
#2	14.29772
#3	14.55122

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	923.9571	1691.396	19606.73	3674.748	1561.207
Stddev	1.7335	10.167	229.09	23.724	6.934
%RSD	.1876124	.6011140	1.168424	.6455883	.4441756
#1	922.4535	1703.041	19428.50	3700.732	1569.182
#2	923.5647	1686.865	19526.55	3669.268	1556.604
#3	925.8532	1684.282	19865.13	3654.244	1557.833

Sample Name: CCV06 Acquired: 08/23/2019 17:10:19 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.008603	4.889062	5.028166	4.910067	4.959574	10.09847
Stddev	.004887	.008147	.005521	.011705	.005217	.13509
%RSD	.0975629	.1666285	.1098072	.2383853	.1051875	1.337757

#1	5.014094	4.884946	5.031555	4.913887	4.956461	9.96130
#2	5.006981	4.883795	5.021795	4.919384	4.965596	10.10273
#3	5.004733	4.898445	5.031148	4.896929	4.956663	10.23138

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.33566	.2624248	2.530456	25.32499	1.020794	2.518689
Stddev	.10085	.0028950	.001073	.27084	.003861	.000653
%RSD	.9757483	1.103183	.0424086	1.069447	.3782428	.0259093

#1	10.24509	.2617537	2.531662	25.07823	1.016527	2.518103
#2	10.31754	.2599243	2.529608	25.28200	1.024047	2.519392
#3	10.44434	.2655965	2.530097	25.61476	1.021808	2.518573

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.278954	5.058411	2.492734	25.09629	2.520088	1.256412
Stddev	.009688	.051447	.021524	.21131	.001962	.008107
%RSD	.7574914	1.017052	.8634712	.8420071	.0778593	.6452168

#1	1.267817	5.003383	2.472145	24.93733	2.521548	1.247171
#2	1.283612	5.066542	2.490970	25.01545	2.520859	1.262328
#3	1.285433	5.105308	2.515085	25.33609	2.517858	1.259735

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 33.00075	2.491897	2.521413	26.83183	5.118366	5.170904
Stddev	.48779	.029485	.011480	.03344	.007001	.078746
%RSD	1.478113	1.183240	.4553155	.1246297	.1367829	1.522870

#1	33.55471	2.457854	2.527123	26.86764	5.117009	5.133571
#2	32.81204	2.508519	2.528919	26.80141	5.125946	5.117767
#3	32.63551	2.509319	2.508198	26.82645	5.112143	5.261373

Sample Name: CCV06 Acquired: 08/23/2019 17:10:19 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.015210	4.935446	5.232750	5.040576	5.034847	5.023633
Stddev	.004055	.003453	.073633	.007319	.044828	.064437
%RSD	.0808545	.0699571	1.407147	.1452114	.8903532	1.282679

#1	5.010560	4.937587	5.210975	5.048131	4.986810	4.978198
#2	5.017055	4.931463	5.172461	5.033517	5.042164	4.995321
#3	5.018014	4.937288	5.314814	5.040079	5.075566	5.097379

Elem	Sr4077
Units	ppm
Avg	4.987585
Stddev	.094271
%RSD	1.890115

#1	5.054115
#2	4.879705
#3	5.028934

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1348.505	2255.587	28817.02	4583.544	2470.818
Stddev	12.261	4.142	173.44	41.911	1.544
%RSD	.9092107	.1836359	.6018617	.9143860	.0625054

#1	1339.661	2260.225	28893.65	4586.402	2471.196
#2	1343.353	2254.277	28618.46	4623.953	2472.138
#3	1362.501	2252.258	28938.93	4540.277	2469.119

Sample Name: K4331-03 Acquired: 08/23/2019 17:27:06 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0729012	-.003945	.0177544	.0066772	.0045721	.4367407
Stddev	.0051700	.003265	.0037335	.0022893	.0010710	.0095778
%RSD	7.091796	82.77960	21.02833	34.28601	23.42487	2.193025

#1	.0762253	-.001983	.0194062	.0051552	.0042826	.4366449
#2	.0669447	-.002137	.0134800	.0055664	.0036756	.4272112
#3	.0755335	-.007714	.0203770	.0093100	.0057581	.4463661

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0708602	-.000070	-.000032	693.8787	.0037706	-.001339
Stddev	.0007495	.000014	.000050	8.8314	.0007914	.000635
%RSD	1.057772	20.57189	157.4123	1.272764	20.98889	47.46423

#1	.0714333	-.000085	.000019	694.2338	.0032428	-.000658
#2	.0700120	-.000056	-.000081	684.8751	.0033885	-.001915
#3	.0711353	-.000070	-.000033	702.5273	.0046806	-.001443

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036510	1.819676	.2869492	F 2265.316	-.002563	-.000068
Stddev	.0046522	.009941	.0025206	25.549	.000265	.000275
%RSD	127.4219	.5462910	.8784030	1.127832	10.35052	404.6727

#1	.0090062	1.825671	.2866669	2260.981	-.002863	-.000384
#2	.0006072	1.808201	.2845818	2242.212	-.002359	.000109
#3	.0013396	1.825156	.2895991	2292.755	-.002468	.000071

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20483.62	.0222689	.0216814	F 927.4654	4.162211	7.329066
Stddev	514.72	.0014899	.0004377	12.4345	.017678	.074419
%RSD	2.512826	6.690584	2.018598	1.340697	.4247308	1.015401

#1	20490.75	.0231943	.0211804	923.6503	4.169182	7.336995
#2	19965.38	.0230622	.0218751	917.3854	4.175341	7.250999
#3	20994.74	.0205502	.0219889	941.3605	4.142110	7.399203

Sample Name: K4331-03 Acquired: 08/23/2019 17:27:06 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0449874	1271.669	14.19451	.0130960	-.009786	.3497964
Stddev	.0005574	7.187	.13079	.0014728	.000666	.0044136
%RSD	1.239045	.5651984	.9213845	11.24645	6.807201	1.261762

#1	.0451674	1278.933	14.19866	.0121453	-.010555	.3460591
#2	.0454326	1271.513	14.06169	.0123501	-.009396	.3486644
#3	.0443622	1264.561	14.32317	.0147925	-.009407	.3546658

Elem	Sr4077
Units	ppm
Avg	13.84936
Stddev	.29613
%RSD	2.138250

#1	13.74604
#2	13.61873
#3	14.18331

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	931.1295	1699.934	19690.87	3697.127	1580.572
Stddev	7.2836	2.962	104.93	67.287	4.511
%RSD	.7822359	.1742665	.5328901	1.819990	.2854317

#1	935.3685	1696.772	19657.59	3679.377	1575.486
#2	935.3009	1700.388	19808.41	3771.510	1584.089
#3	922.7192	1702.644	19606.62	3640.495	1582.142

Sample Name: CCB06 Acquired: 08/23/2019 17:23:13 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0019938	.0009483	-.000712	-.000628	.0000239	.0053025
Stddev	.0021022	.0004419	.000503	.000646	.0013547	.0068040
%RSD	105.4390	46.60480	70.67639	102.8686	5662.460	128.3152

#1	.0020989	.0004706	-.000286	-.001220	.0015241	.0004197
#2	-.000159	.0013426	-.000583	-.000727	-.001110	.0024137
#3	.004041	.0010317	-.001267	.000062	-.000342	.0130743

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010247	-.000032	.0000532	.0125430	.0002544	.0003977
Stddev	.0003779	.000033	.0000342	.0085450	.0005928	.0002522
%RSD	36.88286	102.0911	64.28435	68.12555	232.9786	63.41430

#1	.0013353	-.000049	.0000137	.0090195	.0006366	.0001065
#2	.0011349	-.000053	.0000730	.0063232	.0005552	.0005418
#3	.0006039	.000006	.0000730	.0222864	-.000428	.0005447

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008464	-.002737	-.000033	.0018739	-.000082	-.000064
Stddev	.0009695	.002908	.000642	.0119616	.000501	.000469
%RSD	114.5515	106.2645	1960.552	638.3283	607.7989	731.3237

#1	-.000170	.000548	-.000487	-.001722	.000443	-.000150
#2	.000947	-.004983	.000701	-.007878	-.000554	-.000484
#3	.001762	-.003775	-.000313	.015221	-.000137	.000442

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.034774	-.001900	.0006929	.6364195	.0026398	.0088305
Stddev	.376052	.001887	.0002748	.0692461	.0010271	.0004741
%RSD	18.48127	99.35226	39.66002	10.88058	38.90680	5.368278

#1	2.314660	-.002522	.0009674	.6185220	.0024647	.0085630
#2	2.182343	-.003397	.0004178	.5778792	.0017115	.0093779
#3	1.607319	.000220	.0006934	.7128574	.0037431	.0085507

Sample Name: CCB06 Acquired: 08/23/2019 17:23:13 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	-.000224	-.004256	.0010960	.0006713	-.000557	.0034170
Stddev	.000242	.002224	.0002066	.0010600	.000516	.0003572
%RSD	108.0615	52.25179	18.85097	157.8927	92.63825	10.45467

#1	-.000484	-.006793	.0008576	.0002023	-.000553	.0035281
#2	-.000182	-.002643	.0012235	.0018850	-.001076	.0037055
#3	-.000006	-.003332	.0012068	-.000073	-.000043	.0030174

Elem	Sr4077
Units	ppm
Avg	.0000134
Stddev	.0000272
%RSD	203.4113

#1	.0000272
#2	-.000018
#3	.000031

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1345.536	2238.893	28423.74	4594.096	2380.318
Stddev	20.638	8.409	186.98	12.631	1.237
%RSD	1.533791	.3755735	.6578457	.2749341	.0519564

#1	1323.221	2230.105	28286.53	4608.162	2378.909
#2	1349.450	2239.709	28347.98	4590.403	2380.827
#3	1363.936	2246.863	28636.71	4583.723	2381.220

Sample Name: K4332-03 Acquired: 08/23/2019 17:35:16 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.1201994	-.003815	.0184455	.0067097	.0069849	.4139348
Stddev	.0019467	.003440	.0012768	.0031528	.0033396	.0224427
%RSD	1.619582	90.16049	6.922105	46.98802	47.81124	5.421800

#1	.1217773	-.001498	.0199199	.0036211	.0108410	.4246401
#2	.1207968	-.007768	.0177118	.0099229	.0050238	.4290203
#3	.1180239	-.002180	.0177049	.0065852	.0050901	.3881439

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0728018	.0000473	-.000146	738.6948	.0035129	-.001087
Stddev	.0006440	.0000816	.000079	2.7727	.0012369	.000711
%RSD	.8846478	172.4995	53.69384	.3753567	35.21162	65.42710

#1	.0734959	-.000040	-.000197	741.3327	.0043129	-.001802
#2	.0726861	.000122	-.000186	738.9474	.0020882	-.001081
#3	.0722235	.000060	-.000056	735.8045	.0041375	-.000379

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013244	.2417064	.1487048	F 2390.996	-.001715	-.000715
Stddev	.0011687	.0036564	.0011911	6.248	.000754	.000226
%RSD	88.24543	1.512760	.8009613	.2613273	43.94690	31.63650

#1	.0009231	.2384966	.1500761	2397.385	-.001807	-.000558
#2	.0026409	.2409359	.1479279	2390.703	-.000920	-.000974
#3	.0004092	.2456867	.1481104	2384.899	-.002419	-.000612

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22165.31	.0639572	.0224091	F 992.7262	5.763358	7.792463
Stddev	207.28	.0041871	.0000381	2.3214	.032435	.088940
%RSD	.9351488	6.546741	.1700742	.2338429	.5627736	1.141357

#1	21940.32	.0598039	.0224084	990.1230	5.735246	7.886603
#2	22207.12	.0638904	.0223712	993.4740	5.798845	7.780938
#3	22348.50	.0681774	.0224475	994.5816	5.755983	7.709847

Sample Name: K4332-03 Acquired: 08/23/2019 17:35:16 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0520360	1332.808	15.07796	.0339788	-.007363	.3193804
Stddev	.0009087	7.612	.13252	.0020384	.000439	.0023518
%RSD	1.746207	.5711269	.8789142	5.998947	5.960015	.7363469
#1	.0509914	1327.172	15.22819	.0362874	-.007833	.3166910
#2	.0524729	1341.468	15.02805	.0332214	-.007294	.3203999
#3	.0526437	1329.786	14.97765	.0324274	-.006963	.3210505

Elem	Sr4077
Units	ppm
Avg	14.66944
Stddev	.19669
%RSD	1.340841
#1	14.70092
#2	14.84850
#3	14.45891

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	937.0214	1696.757	19869.28	3623.882	1562.811
Stddev	7.5592	5.819	121.27	24.262	3.304
%RSD	.8067303	.3429298	.6103411	.6695028	.2114027
#1	945.4426	1702.021	20009.10	3599.547	1565.088
#2	934.7994	1690.509	19806.10	3624.030	1559.022
#3	930.8222	1697.741	19792.65	3648.070	1564.324

Sample Name: K4331-04 Acquired: 08/23/2019 17:31:11 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0652039	-.003977	.0190417	.0037682	.0045715	.2252223
Stddev	.0027865	.004876	.0013999	.0045545	.0018146	.0102816
%RSD	4.273570	122.6110	7.351609	120.8666	39.69261	4.565095

#1	.0631689	.000779	.0188013	-.001405	.0042750	.2313603
#2	.0640630	-.008965	.0177776	.005534	.0065161	.2133524
#3	.0683799	-.003744	.0205463	.007175	.0029235	.2309541

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0722369	-.000003	-.000222	705.0574	.0040308	-.000800
Stddev	.0005355	.000064	.000160	3.1454	.0006494	.000271
%RSD	.7413250	2436.244	71.79521	.4461168	16.11063	33.90028

#1	.0718049	.000061	-.000118	705.1356	.0039209	-.001113
#2	.0720698	-.000067	-.000143	701.8737	.0047282	-.000662
#3	.0728361	-.000002	-.000406	708.1630	.0034434	-.000626

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042040	.1273569	.2188995	F 2299.567	-.002429	-.000013
Stddev	.0003795	.0020411	.0008402	12.500	.001341	.000563
%RSD	9.027525	1.602652	.3838124	.5435965	55.23360	4409.976

#1	.0038594	.1296880	.2191818	2292.858	-.001481	.000071
#2	.0046108	.1264927	.2179546	2291.853	-.001841	-.000613
#3	.0041418	.1258902	.2195622	2313.989	-.003964	.000504

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21303.60	.0233805	.0163560	F 946.3082	3.514692	7.462001
Stddev	283.62	.0036983	.0006228	3.3683	.021328	.094771
%RSD	1.331305	15.81800	3.808077	.3559431	.6068258	1.270050

#1	21045.13	.0193103	.0164794	943.7755	3.491793	7.405026
#2	21258.67	.0265347	.0156807	945.0183	3.533992	7.409574
#3	21606.99	.0242965	.0169079	950.1309	3.518289	7.571402

Sample Name: K4331-04 Acquired: 08/23/2019 17:31:11 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0451682	1277.209	14.16147	.0102597	-.016997	.3245530
Stddev	.0008363	9.992	.18991	.0029820	.002682	.0036745
%RSD	1.851426	.7823342	1.341063	29.06529	15.77960	1.132185

#1	.0442255	1266.669	14.06966	.0129976	-.019717	.3210025
#2	.0458207	1286.543	14.03491	.0106991	-.014354	.3243164
#3	.0454584	1278.416	14.37985	.0070823	-.016920	.3283401

Elem	Sr4077
Units	ppm
Avg	14.03208
Stddev	.12095
%RSD	.8619739

#1	14.09627
#2	13.89256
#3	14.10740

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	946.8054	1714.160	20038.72	3696.185	1584.660
Stddev	12.9097	8.732	345.86	11.606	8.445
%RSD	1.363506	.5094081	1.725971	.3139873	.5329189

#1	933.7989	1721.322	19812.30	3697.939	1592.353
#2	947.0012	1704.433	19867.02	3706.814	1575.624
#3	959.6161	1716.726	20436.83	3683.802	1586.003

Sample Name: K4332-04 Acquired: 08/23/2019 17:39:21 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.1232605	-.005640	.0280467	.0034298	.0078426	.2523531
Stddev	.0015646	.001074	.0032463	.0037347	.0019738	.0132120
%RSD	1.269302	19.04329	11.57477	108.8900	25.16745	5.235499

#1	.1247032	-.005154	.0253420	.0071484	.0082939	.2497200
#2	.1234810	-.006871	.0271514	.0034616	.0095517	.2406561
#3	.1215975	-.004895	.0316468	-.000321	.0056823	.2666834

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0887258	-.000076	-.000192	F 804.6697	.0039392	-.001084
Stddev	.0007682	.000097	.000097	8.6406	.0007806	.000063
%RSD	.8658450	126.3571	50.61288	1.073804	19.81571	5.805682

#1	.0879063	-.000178	-.000294	795.4132	.0032340	-.001039
#2	.0894296	.000014	-.000101	812.5224	.0038057	-.001156
#3	.0888416	-.000065	-.000180	806.0734	.0047779	-.001056

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096711	.0650821	.0611491	F 2577.908	-.001175	-.000495
Stddev	.0023106	.0036737	.0011522	19.563	.000229	.000377
%RSD	23.89143	5.644774	1.884291	.7588539	19.51746	76.29814

#1	.0072181	.0652818	.0598718	2555.659	-.001060	-.000296
#2	.0099888	.0686519	.0614649	2585.652	-.001439	-.000930
#3	.0118064	.0613126	.0621104	2592.412	-.001025	-.000258

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24280.78	.0627669	.0576934	F 1088.012	5.928634	8.322962
Stddev	769.24	.0070650	.0003670	8.416	.049868	.054617
%RSD	3.168094	11.25596	.6361389	.7735193	.8411416	.6562225

#1	23500.19	.0572858	.0579431	1079.745	5.955634	8.329345
#2	24304.02	.0602746	.0578652	1087.720	5.959179	8.265434
#3	25038.14	.0707403	.0572720	1096.570	5.871087	8.374107

Sample Name: K4332-04 Acquired: 08/23/2019 17:39:21 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0545483	1378.696	16.14428	.0345656	-.018700	.3599341
Stddev	.0004198	11.349	.08859	.0015304	.000522	.0109562
%RSD	.7695190	.8231502	.5487563	4.427556	2.789972	3.043940

#1	.0542752	1385.139	16.13987	.0328107	-.019171	.3473811
#2	.0550316	1385.358	16.05797	.0352637	-.018139	.3675726
#3	.0543380	1365.593	16.23499	.0356226	-.018790	.3648487

Elem	Sr4077
Units	ppm
Avg	15.92517
Stddev	.29118
%RSD	1.828403

#1	16.04556
#2	15.59311
#3	16.13685

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	901.5400	1675.116	19183.31	3535.449	1538.845
Stddev	9.1678	12.924	246.33	28.004	11.568
%RSD	1.016905	.7715566	1.284092	.7921048	.7517309

#1	891.3485	1669.626	18909.46	3524.290	1531.057
#2	904.1558	1665.842	19386.83	3567.313	1533.340
#3	909.1155	1689.879	19253.64	3514.745	1552.137

Sample Name: K4090-16 Acquired: 08/23/2019 17:43:27 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OR-03-082219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004222	-.006157	.0047618	.0049316	.0018975	.1559676	.1604095
Stddev	.002603	.004756	.0007539	.0008440	.0005166	.0038411	.0013058
%RSD	61.65374	77.24028	15.83222	17.11354	27.22379	2.462763	.8140748

#1	-.005094	-.003450	.0042780	.0043992	.0024936	.1589574	.1589407
#2	-.001295	-.011649	.0056305	.0059047	.0015817	.1573099	.1608488
#3	-.006277	-.003374	.0043769	.0044909	.0016171	.1516355	.1614391

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000070	.0000621	102.3064	.0019320	.0009996	.0022679	.2253151
Stddev	.000053	.0000647	.9151	.0000927	.0004639	.0007589	.0062263
%RSD	75.27615	104.2797	.8944682	4.799251	46.40746	33.46044	2.763354

#1	-.000018	.0001368	101.2665	.0019310	.0008882	.0021252	.2183456
#2	-.000068	.0000269	102.6642	.0018397	.0015091	.0015905	.2303281
#3	-.000124	.0000225	102.9885	.0020252	.0006016	.0030880	.2272718

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7433800	2.668819	.0031196	.0002222	275.8752	.0003475	.0380380
Stddev	.0076388	.021205	.0001373	.0004913	1.3376	.0031744	.0002262
%RSD	1.027580	.7945407	4.402556	221.0778	.4848513	913.6026	.5947623

#1	.7347332	2.645324	.0029904	-.000027	274.3395	-.003287	.0378922
#2	.7461946	2.686537	.0031047	-.000095	276.7854	.002577	.0379232
#3	.7492122	2.674595	.0032638	.000788	276.5007	.001752	.0382986

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.909930	.0133534	.0455327	.0003239	.6085511	1.904166	-.001382
Stddev	.047937	.0017991	.0009287	.0004132	.0045717	.016307	.000506
%RSD	2.509859	13.47262	2.039554	127.5705	.7512417	.8563732	36.59798

#1	1.961196	.0136758	.0460579	.0005825	.6135280	1.891937	-.001966
#2	1.902374	.0114150	.0460796	.0005420	.6075868	1.897882	-.001109
#3	1.866220	.0149695	.0444604	-.000153	.6045384	1.922680	-.001072

Sample Name: K4090-16 Acquired: 08/23/2019 17:43:27 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: OR-03-082219 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0018347	.0005711	.4492695
Stddev	.0009897	.0009924	.0037194
%RSD	53.94660	173.7674	.8278656

#1	.0026115	-.000444	.4452916
#2	.0021721	.000617	.4498564
#3	.0007203	.001540	.4526605

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1359.080	2304.811	29006.17	4650.911	2547.635
Stddev	10.776	3.390	256.51	38.486	4.597
%RSD	.7929242	.1471012	.8843358	.8274927	.1804301

#1	1364.923	2300.905	28850.86	4691.070	2542.424
#2	1346.644	2306.991	28865.40	4647.312	2551.115
#3	1365.674	2306.538	29302.24	4614.351	2549.365

Sample Name: K4090-16MSD Acquired: 08/23/2019 17:58:41 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OR-03-082219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7394234	2.084528	1.011714	1.697601	.7910384	2.221597	.3797816
Stddev	.0033706	.007334	.007579	.005112	.0029795	.020793	.0052334
%RSD	.4558381	.3518447	.7491089	.3011256	.3766593	.9359414	1.377998

#1	.7428137	2.076753	1.016786	1.700042	.7901787	2.202257	.3737388
#2	.7393836	2.085507	1.003002	1.691726	.7885833	2.243589	.3827594
#3	.7360729	2.091323	1.015356	1.701034	.7943533	2.218945	.3828466

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1983554	.1969177	111.5190	.4094206	.2022470	.3063627	3.154514
Stddev	.0001655	.0006201	1.5244	.0010719	.0004020	.0028311	.053600
%RSD	.0834258	.3148900	1.366973	.2618103	.1987863	.9240935	1.699158

#1	.1984335	.1971748	109.7749	.4102915	.2020040	.3046145	3.093909
#2	.1981653	.1962104	112.5971	.4082235	.2020259	.3048445	3.173943
#3	.1984673	.1973678	112.1851	.4097469	.2027111	.3096291	3.195690

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9764215	4.625037	.5042626	.0739015	291.4598	.3013498	.2411380
Stddev	.0141557	.083765	.0010451	.0004260	3.6849	.0021487	.0013325
%RSD	1.449751	1.811117	.2072486	.5764831	1.264279	.7130317	.5525703

#1	.9611055	4.529942	.5038728	.0737594	287.2532	.2988841	.2419388
#2	.9791347	4.657282	.5034684	.0743804	294.1169	.3023429	.2418754
#3	.9890241	4.687888	.5054465	.0735647	293.0094	.3028222	.2395999

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.49434	5.651423	.3164988	.3950489	.5752245	2.949657	.6904678
Stddev	.12868	.019921	.0018832	.0003544	.0029421	.009416	.0023604
%RSD	1.119549	.3525010	.5949932	.0897012	.5114687	.3192365	.3418544

#1	11.34600	5.646379	.3186211	.3948654	.5749145	2.956263	.6878503
#2	11.56101	5.673382	.3158477	.3948240	.5783093	2.953834	.6924345
#3	11.57601	5.634509	.3150276	.3954574	.5724496	2.938875	.6911186

Sample Name: K4090-16MSD Acquired: 08/23/2019 17:58:41 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OR-03-082219 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1949389	.1119583	.6961523
Stddev	.0030767	.0025554	.0082094
%RSD	1.578274	2.282468	1.179248

#1	.1915690	.1090259	.6866729
#2	.1956500	.1137090	.7008886
#3	.1975978	.1131399	.7008953

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1317.524	2220.466	28608.30	4556.970	2487.831
Stddev	5.636	7.946	25.99	11.940	7.260
%RSD	.4278023	.3578416	.0908596	.2620182	.2918353

#1	1320.975	2214.951	28580.28	4552.920	2480.970
#2	1311.020	2229.573	28631.63	4547.581	2495.434
#3	1320.577	2216.872	28612.98	4570.408	2487.089

Sample Name: K4090-16MS Acquired: 08/23/2019 17:55:00 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OR-03-082219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7327322	2.047843	1.007553	1.675156	.7850253	2.188339	.3750852
Stddev	.0037195	.009446	.003714	.005342	.0037175	.031142	.0054375
%RSD	.5076195	.4612535	.3685928	.3189135	.4735474	1.423066	1.449678

#1	.7297639	2.043812	1.008027	1.676875	.7890567	2.155575	.3694200
#2	.7369046	2.041081	1.003625	1.669167	.7817327	2.191888	.3802621
#3	.7315281	2.058635	1.011006	1.679428	.7842866	2.217554	.3755736

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1942572	.1941886	107.1698	.4075127	.2007479	.3057100	3.123374
Stddev	.0018952	.0002804	1.6489	.0005852	.0004562	.0047015	.037396
%RSD	.9756107	.1443939	1.538628	.1436019	.2272445	1.537911	1.197286

#1	.1921733	.1939905	105.3058	.4071477	.2003726	.3077941	3.084181
#2	.1958776	.1940658	108.4383	.4081877	.2006156	.3003266	3.127276
#3	.1947208	.1945094	107.7652	.4072028	.2012557	.3090093	3.158666

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9489715	4.515682	.4996694	.0736454	284.5305	.2987839	.2394960
Stddev	.0126766	.044301	.0003710	.0004102	3.0462	.0043718	.0003976
%RSD	1.335819	.9810526	.0742439	.5570349	1.070609	1.463198	.1660341

#1	.9344891	4.467992	.4998912	.0738320	281.0161	.2944705	.2391012
#2	.9543713	4.523501	.4992412	.0739291	286.1608	.3032118	.2398965
#3	.9580540	4.555553	.4998760	.0731750	286.4146	.2986694	.2394903

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.70129	5.625368	.3079348	.3914604	.5554417	2.861319	.6843930
Stddev	.03766	.012476	.0025904	.0009474	.0016796	.027016	.0012518
%RSD	.3218738	.2217842	.8412218	.2420047	.3023928	.9441842	.1829066

#1	11.67229	5.621324	.3056302	.3908549	.5537637	2.835833	.6833518
#2	11.68772	5.615415	.3107384	.3909741	.5571230	2.889641	.6857819
#3	11.74386	5.639365	.3074358	.3925521	.5554384	2.858483	.6840453

Sample Name: K4090-16MS Acquired: 08/23/2019 17:55:00 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OR-03-082219 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1944673	.1100394	.6786313
Stddev	.0025017	.0010300	.0077317
%RSD	1.286433	.9359986	1.139307

#1	.1915786	.1088560	.6703653
#2	.1959019	.1107336	.6798429
#3	.1959214	.1105286	.6856856

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1314.607	2226.660	28412.94	4595.098	2498.247
Stddev	6.075	5.450	129.99	24.562	5.853
%RSD	.4621311	.2447391	.4575068	.5345228	.2342672

#1	1308.098	2220.368	28294.64	4621.554	2491.510
#2	1320.127	2229.875	28392.08	4573.019	2501.157
#3	1315.597	2229.737	28552.10	4590.722	2502.074

Sample Name: CCV07 Acquired: 08/23/2019 18:06:03 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15397 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.032890	4.941141	5.041514	4.924121	4.953813	10.19386	10.31692
Stddev	.022131	.012953	.007830	.013443	.014969	.08914	.07943
%RSD	.4397281	.2621547	.1553070	.2730019	.3021723	.8744583	.7699430

#1	5.029326	4.951391	5.033793	4.923345	4.944445	10.11107	10.25544
#2	5.012757	4.945450	5.041299	4.911083	4.945917	10.28822	10.40660
#3	5.056587	4.926582	5.049449	4.937935	4.971077	10.18229	10.28870

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2644930	2.538372	25.44589	1.024357	2.520650	1.256245	4.729899
Stddev	.0036115	.000979	.26843	.000939	.001755	.013053	.040996
%RSD	1.365434	.0385546	1.054904	.0916457	.0696082	1.039010	.8667504

#1	.2660262	2.539361	25.26018	1.025439	2.518679	1.246612	4.705457
#2	.2670849	2.538352	25.75366	1.023760	2.522042	1.271100	4.777229
#3	.2603678	2.537403	25.32383	1.023872	2.521231	1.251023	4.707011

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.353412	24.44123	2.524790	1.265559	26.69555	2.455008	2.538193
Stddev	.024370	.19951	.001053	.005670	.08450	.022699	.005555
%RSD	1.035536	.8163005	.0417105	.4480456	.3165150	.9246128	.2188515

#1	2.337305	24.24037	2.523789	1.262900	26.60585	2.437564	2.540721
#2	2.381449	24.63937	2.524691	1.261707	26.77363	2.480672	2.542034
#3	2.341482	24.44395	2.525889	1.272070	26.70719	2.446789	2.531824

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.02727	5.198160	5.207629	5.048685	4.955096	5.227597	5.088734
Stddev	.27303	.012382	.065024	.008405	.011166	.063296	.009913
%RSD	1.049033	.2382059	1.248629	.1664844	.2253528	1.210810	.1947967

#1	25.83675	5.198360	5.232059	5.044448	4.967733	5.247745	5.087148
#2	26.34007	5.185679	5.256899	5.043242	4.946557	5.278368	5.079710
#3	25.90499	5.210441	5.133928	5.058366	4.950999	5.156680	5.099344

Sample Name: CCV07 Acquired: 08/23/2019 18:06:03 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV15397 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.000939	5.083868	4.942571
Stddev	.046018	.053949	.021711
%RSD	.9201809	1.061183	.4392688

#1	4.961526	5.035934	4.951877
#2	5.051509	5.142292	4.958079
#3	4.989782	5.073379	4.917758

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1350.590	2278.938	28941.32	4580.412	2501.563
Stddev	5.158	4.682	183.31	40.095	6.900
%RSD	.3818739	.2054278	.6333820	.8753523	.2758089

#1	1355.267	2273.535	29003.50	4571.538	2493.942
#2	1351.444	2281.507	29085.45	4545.498	2503.361
#3	1345.059	2281.774	28735.01	4624.200	2507.385

Sample Name: K4090-16A Acquired: 08/23/2019 18:02:22 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.7342639	2.069163	1.009831	1.686410	.7850848	2.214180	.3792250
Stddev	.0027037	.012949	.005237	.003707	.0024442	.019294	.0039423
%RSD	.3682148	.6257942	.5185527	.2198220	.3113340	.8713708	1.039568

#1	.7365622	2.078528	1.009317	1.686252	.7850670	2.197148	.3756296
#2	.7349445	2.054387	1.004871	1.690193	.7875379	2.210258	.3786047
#3	.7312849	2.074575	1.015306	1.682784	.7826495	2.235133	.3834406

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1976017	.1958099	111.0342	.4081682	.2012409	.3041429	3.155059
Stddev	.0026051	.0010101	1.5650	.0017415	.0012664	.0053130	.035734
%RSD	1.318364	.5158802	1.409438	.4266554	.6293189	1.746887	1.132598

#1	.1961566	.1963718	109.6131	.4072889	.2013369	.3013483	3.122741
#2	.1960396	.1946437	110.7781	.4070416	.1999291	.3102700	3.149002
#3	.2006091	.1964141	112.7114	.4101740	.2024566	.3008105	3.193435

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9685219	4.582378	.5021775	.0739433	291.3200	.3015483	.2407520
Stddev	.0116835	.057810	.0013373	.0004416	3.5560	.0014478	.0007892
%RSD	1.206321	1.261583	.2662987	.5972135	1.220660	.4801119	.3277974

#1	.9579386	4.523906	.5025002	.0743026	287.9860	.2998840	.2410837
#2	.9665680	4.583725	.5007084	.0740771	290.9114	.3025172	.2413211
#3	.9810592	4.639504	.5033240	.0734503	295.0627	.3022436	.2398511

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.54854	5.627377	.3133221	.3935806	.5718309	2.938054	.6882138
Stddev	.14452	.026553	.0030513	.0006183	.0018666	.032176	.0050708
%RSD	1.251404	.4718599	.9738635	.1570921	.3264330	1.095130	.7368125

#1	11.41691	5.640618	.3118871	.3928859	.5736913	2.918492	.6896281
#2	11.52553	5.596807	.3112528	.3937856	.5699581	2.920481	.6825859
#3	11.70318	5.644706	.3168264	.3940704	.5718432	2.975190	.6924273

Sample Name: K4090-16A Acquired: 08/23/2019 18:02:22 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1943279	.1119295	.6980177
Stddev	.0032576	.0026747	.0061544
%RSD	1.676353	2.389638	.8817022

#1	.1925537	.1092124	.6912106
#2	.1923426	.1120165	.6996533
#3	.1980875	.1145597	.7031890

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1307.501	2219.301	28442.60	4549.644	2485.808
Stddev	12.599	5.202	247.43	22.912	12.469
%RSD	.9636288	.2343848	.8699196	.5035909	.5015897

#1	1299.352	2213.482	28270.34	4567.226	2473.297
#2	1301.138	2223.499	28331.34	4557.972	2498.234
#3	1322.013	2220.923	28726.13	4523.733	2485.893

Sample Name: PB122503BL Acquired: 08/23/2019 18:13:34 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0032616	.0028646	.0012750	-.000529	-.000534	-.002461	.0001797
Stddev	.0005049	.0021092	.0006301	.000315	.001070	.012607	.0004234
%RSD	15.48079	73.63089	49.41795	59.55787	200.1605	512.2385	235.5766

#1	.0037476	.0022000	.0013097	-.000232	-.001699	-.015146	-.000294
#2	.0027397	.0011677	.0018869	-.000860	.000404	.010066	.000311
#3	.0032976	.0052260	.0006282	-.000497	-.000309	-.002303	.000522

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000480	.0001102	.0032286	.0004273	.0003189	-.002927	-.004414
Stddev	.0001129	.0000320	.0045444	.0005524	.0001592	.002658	.005573
%RSD	235.2567	29.04572	140.7569	129.2547	49.93061	90.78564	126.2766

#1	.0001720	.0001353	-.001970	.0010083	.0001850	-.005906	-.008191
#2	-.000049	.0000742	.006446	.0003649	.0002768	-.002077	-.007037
#3	.000021	.0001212	.005210	-.000091	.0004950	-.000799	.001987

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000177	-.008252	.0001026	.0000708	.6177545	-.001508	.0003842
Stddev	.0001718	.026475	.0003613	.0003628	.1968503	.003115	.0002369
%RSD	970.9949	320.8294	352.1624	512.2081	31.86546	206.5015	61.66647

#1	-.000112	.011844	.0004623	.0002088	.4198559	-.002958	.0001311
#2	.000213	.001650	-.000260	.0003443	.6198681	-.003634	.0004207
#3	-.000048	-.038250	.000106	-.000341	.8135395	.002067	.0006007

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2231586	.0022819	.0081895	-.000533	.0006779	.0033077	.0000849
Stddev	.0275777	.0010001	.0000639	.000196	.0031311	.0005965	.0005006
%RSD	12.35790	43.82837	.7806851	36.72790	461.8687	18.03417	589.6154

#1	.2547008	.0033906	.0082107	-.000751	-.002761	.0039221	.0005325
#2	.2111755	.0014476	.0082402	-.000373	.001430	.0027309	.0001779
#3	.2035996	.0020077	.0081177	-.000474	.003364	.0032701	-.000456

Sample Name: PB122503BL Acquired: 08/23/2019 18:13:34 Type: Unk
 Method: NON EPA-6010-200.7(v149) 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	.0002105	-.000592	.0000520
Stddev	.0008355	.000466	.0000594
%RSD	396.9751	78.65686	114.1710

#1	-.000414	-.000264	.0001092
#2	.001160	-.001125	-.000009
#3	-.000115	-.000387	.000056

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1393.086	2289.511	29300.08	4613.071	2430.015
Stddev	4.877	3.357	63.74	35.194	3.646
%RSD	.3500820	.1466390	.2175386	.7629217	.1500216

#1	1390.946	2293.246	29364.46	4652.106	2433.715
#2	1398.668	2288.543	29298.79	4603.345	2429.904
#3	1389.646	2286.744	29237.00	4583.763	2426.426

Sample Name: CCB07 Acquired: 08/23/2019 18:09:42 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15397 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021659	.0004986	.0008239	-.000571	-.000014	-.009302	.0006951
Stddev	.0002123	.0028548	.0018386	.000947	.000515	.004099	.0002223
%RSD	9.803769	572.5920	223.1514	165.9769	3800.429	44.06972	31.97289

#1	.0021137	.0034838	.0002938	-.000288	-.000016	-.013706	.0009235
#2	.0019845	.0002170	-.000691	-.001627	-.000527	-.008604	.0004795
#3	.0023995	-.002205	.002869	.000203	.000503	-.005597	.0006823

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000278	.0000703	.0082781	.0003734	.0002677	-.000299	-.008988
Stddev	.0000940	.0000676	.0077562	.0002320	.0002146	.003114	.001775
%RSD	337.8265	96.19511	93.69508	62.14213	80.15366	1040.282	19.75470

#1	-.000033	.0000018	.0164645	.0006399	.0004002	-.003851	-.011033
#2	.000136	.0000720	.0010391	.0002640	.0000201	.000988	-.008093
#3	-.000020	.0001370	.0073309	.0002162	.0003828	.001964	-.007837

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000089	-.019568	.0002177	.0002689	.8421505	-.003664	.0008067
Stddev	.000309	.010013	.0002158	.0001606	.1808545	.000960	.0003132
%RSD	345.0523	51.17110	99.10087	59.73748	21.47531	26.19876	38.82041

#1	.000252	-.030542	.0002772	.0000963	1.049971	-.002643	.0011683
#2	-.000172	-.017232	-.000022	.0004140	.720456	-.003800	.0006246
#3	-.000349	-.010929	.000398	.0002963	.756024	-.004548	.0006272

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3865117	.0014732	.0155452	.0003299	-.001041	.0070122	.0017169
Stddev	.0151809	.0015088	.0011464	.0003994	.001565	.0007000	.0032482
%RSD	3.927680	102.4206	7.374537	121.0626	150.3593	9.982687	189.1910

#1	.3689931	.0022789	.0163175	-.000011	-.000116	.0075895	.0048668
#2	.3958052	.0024080	.0160902	.000231	-.000158	.0062336	.0019053
#3	.3947367	-.000267	.0142280	.000769	-.002847	.0072135	-.001621

Sample Name: CCB07 Acquired: 08/23/2019 18:09:42 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15397 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000391	.0004955	.0002133
Stddev	.000769	.0013326	.0000391
%RSD	196.7080	268.9432	18.33969

#1	.000448	.0019102	.0002513
#2	-.001061	.0003124	.0001732
#3	-.000559	-.000736	.0002154

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1387.401	2286.962	29215.40	4569.746	2427.859
Stddev	3.764	2.739	54.24	45.689	3.432
%RSD	.2712893	.1197658	.1856646	.9998051	.1413509

#1	1390.785	2289.760	29163.25	4518.079	2431.770
#2	1383.348	2284.286	29271.52	4604.818	2425.352
#3	1388.072	2286.840	29211.44	4586.342	2426.455

Sample Name: K4410-12 Acquired: 08/23/2019 18:21:09 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW9-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167321	.0051277	.0327988	.0015834	-.002191	.0768791	.3301408
Stddev	.0017780	.0038700	.0014286	.0010745	.002308	.0149582	.0020107
%RSD	10.62614	75.47241	4.355684	67.86128	105.3135	19.45684	.6090346

#1	.0163127	.0012313	.0313607	.0026923	-.003313	.0939092	.3310836
#2	.0152014	.0051810	.0342177	.0015108	-.003723	.0708602	.3278320
#3	.0186823	.0089707	.0328179	.0005470	.000463	.0658679	.3315069

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000387	.0000803	160.2634	.0019726	-.001748	.0003858	.0150906
Stddev	.0000367	.0001365	1.5507	.0001269	.000376	.0011563	.0044332
%RSD	94.77253	170.0036	.9675910	6.432566	21.49401	299.7413	29.37715

#1	-.000004	-.000009	161.7412	.0021187	-.001982	-.000350	.0179729
#2	.000058	.000012	158.6489	.0019095	-.001948	-.000211	.0099858
#3	.000062	.000237	160.4000	.0018897	-.001315	.001718	.0173131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040913	65.17334	.0005693	.0001309	59.84050	.0049067	.0112879
Stddev	.0003880	.38311	.0003901	.0003743	.03832	.0000492	.0002102
%RSD	9.484712	.5878360	68.52545	285.8756	.0640305	1.003600	1.861953

#1	.0036440	65.44447	.0001330	-.000037	59.80395	.0048714	.0114628
#2	.0043389	64.73505	.0006903	-.000130	59.83717	.0049629	.0113461
#3	.0042909	65.34051	.0008845	.000560	59.88037	.0048857	.0110547

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.052685	.0731680	.4059481	.0008932	29.86625	29.11605	-.006546
Stddev	.030557	.0019942	.0079958	.0001826	.04831	.46416	.000331
%RSD	1.488623	2.725435	1.969664	20.43909	.1617518	1.594186	5.053612

#1	2.020917	.0714207	.4132793	.0008314	29.91768	29.55343	-.006727
#2	2.081866	.0753404	.3974221	.0010987	29.85926	28.62908	-.006164
#3	2.055272	.0727428	.4071427	.0007497	29.82182	29.16563	-.006747

Sample Name: K4410-12 Acquired: 08/23/2019 18:21:09 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW9-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002470	.0119744	2.406071
Stddev	.000069	.0005685	.003775
%RSD	2.795141	4.747390	.1569080

#1	-.002484	.0126257	2.402182
#2	-.002532	.0117201	2.406309
#3	-.002396	.0115776	2.409721

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1444.391	2398.117	30575.61	4770.810	2590.923
Stddev	9.281	5.330	117.63	61.200	8.226
%RSD	.6425470	.2222676	.3847233	1.282805	.3175093

#1	1434.216	2403.348	30684.65	4711.566	2590.813
#2	1446.563	2398.310	30450.95	4833.795	2599.204
#3	1452.392	2392.693	30591.23	4767.070	2582.752

Sample Name: PB122501BS Acquired: 08/23/2019 18:17:28 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.7729650	2.012718	1.035529	1.759990	.7958679	2.145147
Stddev	.0040296	.006099	.004229	.008559	.0031184	.034833
%RSD	.5213154	.3030218	.4083546	.4863372	.3918171	1.623783

#1	.7725276	2.012108	1.039653	1.759770	.7969733	2.106565
#2	.7691719	2.006947	1.031203	1.751542	.7923475	2.154594
#3	.7771954	2.019100	1.035730	1.768657	.7982831	2.174281

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2197639	.2093575	.2170147	1.053739	.4333219	.2122687
Stddev	.0020587	.0009873	.0012125	.015088	.0007955	.0005408
%RSD	.9367711	.4715770	.5587284	1.431865	.1835868	.2547960

#1	.2173983	.2082219	.2179023	1.038549	.4340455	.2126963
#2	.2211501	.2100121	.2156332	1.068723	.4334502	.2116607
#3	.2207432	.2098385	.2175087	1.053946	.4324701	.2124490

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3218940	3.103091	.2083087	2.005053	.5366872	.0738889
Stddev	.0034383	.038598	.0026263	.029878	.0014215	.0002441
%RSD	1.068156	1.243842	1.260761	1.490129	.2648573	.3303649

#1	.3199682	3.061834	.2052763	1.970976	.5380374	.0736443
#2	.3198501	3.138320	.2098547	2.026757	.5352039	.0738899
#3	.3258636	3.109118	.2097951	2.017425	.5368203	.0741325

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3.920372	.3136158	.2158636	10.81045	6.181031	.3040300
Stddev	.270535	.0046061	.0006300	.02672	.025908	.0021313
%RSD	6.900749	1.468723	.2918506	.2472127	.4191592	.7010065

#1	4.009210	.3102976	.2165837	10.82107	6.168530	.3031065
#2	4.135318	.3188747	.2154142	10.78005	6.163743	.3064673
#3	3.616588	.3116751	.2155928	10.83024	6.210819	.3025162

Sample Name: PB122501BS Acquired: 08/23/2019 18:17:28 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.4003223	.0538442	.9809157	.7129878	.1983189	.1119196
Stddev	.0016503	.0064357	.0023865	.0037499	.0022000	.0017920
%RSD	.4122412	11.95238	.2432883	.5259402	1.109345	1.601123
#1	.3984855	.0558161	.9787277	.7162010	.1958007	.1107293
#2	.4016802	.0590631	.9834605	.7088676	.1998679	.1139805
#3	.4008013	.0466532	.9805590	.7138949	.1992882	.1110489

Elem	Sr4077
Units	ppm
Avg	.2191427
Stddev	.0008529
%RSD	.3892017
#1	.2181851
#2	.2198207
#3	.2194224

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1356.557	2250.495	29076.96	4551.878	2451.462
Stddev	6.578	4.724	176.09	27.290	11.824
%RSD	.4849153	.2099030	.6056089	.5995381	.4823203
#1	1350.982	2245.098	28964.50	4570.197	2438.770
#2	1354.876	2252.509	28986.49	4520.513	2462.166
#3	1363.812	2253.878	29279.90	4564.924	2453.449

Sample Name: K4410-12DUP Acquired: 08/23/2019 18:24:58 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW9-062-1DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166802	.0013030	.0311253	-.000023	-.001221	.0842420	.3246365
Stddev	.0022960	.0012464	.0004797	.001605	.002053	.0043082	.0039416
%RSD	13.76474	95.65911	1.541180	7030.253	168.1688	5.114034	1.214168

#1	.0180317	.0003215	.0309670	-.000019	.000937	.0857626	.3201020
#2	.0140292	.0008820	.0316642	.001580	-.003151	.0875837	.3272436
#3	.0179798	.0027054	.0307449	-.001630	-.001449	.0793798	.3265638

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000324	.0001513	156.4300	.0023399	-.001675	-.000886	.0151956
Stddev	.0000644	.0000975	1.4312	.0000688	.000301	.002786	.0056500
%RSD	199.0230	64.46013	.9149142	2.938318	17.99392	314.5487	37.18198

#1	.0000118	.0000454	154.7789	.0023727	-.001473	-.003844	.0123145
#2	.0001045	.0001711	157.1936	.0022609	-.001530	-.000500	.0217054
#3	-.000019	.0002375	157.3174	.0023862	-.002021	.001687	.0115669

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036605	63.90561	.0003027	-.000045	59.00792	.0022358	.0107478
Stddev	.0003263	.54646	.0005501	.000142	.82521	.0012139	.0002780
%RSD	8.912902	.8551020	181.7523	317.0140	1.398466	54.29478	2.586574

#1	.0040117	63.27722	.0003791	.000034	58.05550	.0009786	.0108979
#2	.0033668	64.26947	-.000282	.000040	59.50931	.0034012	.0109185
#3	.0036031	64.17012	.000811	-.000208	59.45894	.0023275	.0104270

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.035892	.0717467	.3986938	.0011495	29.68103	28.62031	-.007181
Stddev	.015139	.0016557	.0008273	.0003912	.06913	.19207	.001108
%RSD	.7436259	2.307692	.2075111	34.03011	.2328968	.6710889	15.43160

#1	2.023986	.0710283	.3986811	.0010112	29.64446	28.39862	-.008451
#2	2.052930	.0736403	.3995274	.0008463	29.76076	28.72563	-.006681
#3	2.030760	.0705716	.3978729	.0015911	29.63788	28.73668	-.006411

Sample Name: K4410-12DUP Acquired: 08/23/2019 18:24:58 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW9-062-1DUP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004714	.0125438	2.380645
Stddev	.000599	.0010336	.010670
%RSD	12.70997	8.239962	.4481885

#1	-.004954	.0114115	2.370959
#2	-.004032	.0127834	2.378895
#3	-.005155	.0134366	2.392082

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1426.813	2388.276	30271.82	4780.603	2583.294
Stddev	4.443	2.477	74.94	27.411	8.463
%RSD	.3113714	.1037101	.2475490	.5733846	.3276154

#1	1422.696	2387.680	30206.29	4812.254	2586.320
#2	1426.222	2386.151	30255.65	4764.571	2573.734
#3	1431.522	2390.996	30353.53	4764.985	2589.829

Sample Name: K4410-12LX5 Acquired: 08/23/2019 18:28:48 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0007378	.0004865	.0063246	-.001883	-.001756	.0266530	.0686629
Stddev	.0035953	.0052254	.0020116	.000248	.001635	.0071349	.0004560
%RSD	487.2642	1073.974	31.80597	13.14514	93.12400	26.76976	.6641716

#1	.0044963	.0056866	.0041274	-.002169	-.000042	.0238922	.0688308
#2	.0003857	.0005370	.0067707	-.001732	-.001928	.0213110	.0681467
#3	-.002668	-.004764	.0080756	-.001749	-.003299	.0347558	.0690111

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000171	.0000525	32.62412	.0004882	-.000722	.0004591	-.014672
Stddev	.0000697	.0001443	.41105	.0000493	.000263	.0008835	.005364
%RSD	406.6032	274.7972	1.259963	10.09086	36.51146	192.4539	36.56247

#1	.0000683	.0001487	32.20036	.0005232	-.001019	-.000526	-.008552
#2	-.000062	-.000113	32.65085	.0004319	-.000518	.000723	-.018563
#3	.000045	.000122	33.02116	.0005096	-.000628	.001181	-.016901

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007074	13.09283	.0000435	-.000147	12.84234	.0009313	.0021102
Stddev	.0002996	.19000	.0002514	.000143	.35839	.0021790	.0001520
%RSD	42.34964	1.451189	578.0208	97.75853	2.790705	233.9670	7.202993

#1	.0009116	12.87411	-.000017	-.000300	12.46395	.0027765	.0019899
#2	.0008470	13.18734	.000320	-.000125	13.17665	-.001473	.0022810
#3	.0003635	13.21704	-.000172	-.000015	12.88642	.001490	.0020597

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6393109	.0169369	.0854338	-.000141	6.203237	5.909159	-.002793
Stddev	.1495063	.0017820	.0014350	.000140	.016565	.088578	.001150
%RSD	23.38554	10.52131	1.679619	98.98991	.2670410	1.499002	41.16264

#1	.4937422	.0178217	.0846631	-.000291	6.184136	5.909149	-.003545
#2	.6317246	.0148857	.0845488	-.000118	6.211909	5.820587	-.001470
#3	.7924659	.0181035	.0870894	-.000014	6.213666	5.997743	-.003365

Sample Name: K4410-12LX5 Acquired: 08/23/2019 18:28:48 Type: Unk
 Method: NON EPA-6010-200.7(v149) 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	-.000919	.0027563	.4903933
Stddev	.000157	.0004553	.0036554
%RSD	17.06344	16.51927	.7453986

#1	-.000738	.0029491	.4862405
#2	-.001007	.0022363	.4918155
#3	-.001011	.0030834	.4931237

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1382.968	2302.166	29223.24	4649.392	2479.289
Stddev	12.174	5.043	102.32	40.002	.759
%RSD	.8803105	.2190639	.3501477	.8603790	.0306301

#1	1388.321	2297.852	29339.99	4662.356	2478.780
#2	1369.034	2300.936	29149.16	4681.304	2480.162
#3	1391.548	2307.711	29180.56	4604.515	2478.925

Sample Name: K4410-12MS Acquired: 08/23/2019 18:32:40 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW9-062-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8170346	2.049910	1.053959	2.040544	.8026111	2.163817	.5187782
Stddev	.0050668	.006332	.007259	.003231	.0038710	.026374	.0088317
%RSD	.6201388	.3089075	.6887312	.1583165	.4823017	1.218852	1.702400

#1	.8112455	2.045597	1.051128	2.037111	.7981461	2.134043	.5099562
#2	.8191965	2.046954	1.048542	2.040997	.8046640	2.173161	.5187587
#3	.8206618	2.057180	1.062207	2.043524	.8050234	2.184246	.5276196

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2196350	.2055935	152.4132	.4096536	.2004002	.2967445	2.916705
Stddev	.0033309	.0001042	2.5446	.0008029	.0001936	.0054177	.041346
%RSD	1.516541	.0506951	1.669552	.1960078	.0966171	1.825715	1.417552

#1	.2163451	.2055657	149.9948	.4101845	.2004259	.2911109	2.876059
#2	.2195545	.2055060	152.1773	.4087298	.2001949	.2972057	2.915339
#3	.2230053	.2057088	155.0676	.4100464	.2005796	.3019168	2.958717

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1920547	63.48372	.5063824	.0753902	59.78887	.3047711	.2194456
Stddev	.0038859	.97797	.0002627	.0003464	.94375	.0027619	.0013589
%RSD	2.023310	1.540510	.0518853	.4594978	1.578463	.9062164	.6192253

#1	.1886151	62.50029	.5066833	.0757598	58.95831	.3017968	.2208765
#2	.1912792	63.49474	.5061986	.0750729	59.59317	.3052618	.2181725
#3	.1962699	64.45614	.5062653	.0753378	60.81512	.3072548	.2192878

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.52531	6.516902	.6943734	.3831054	28.39682	28.66687	.6984609
Stddev	.15069	.008423	.0114830	.0008818	.03528	.40531	.0027272
%RSD	1.203054	.1292439	1.653714	.2301644	.1242411	1.413867	.3904521

#1	12.37408	6.519908	.6838972	.3837295	28.39065	28.30009	.7002272
#2	12.52640	6.507389	.6925725	.3820966	28.36503	28.59851	.6953200
#3	12.67544	6.523410	.7066503	.3834899	28.43478	29.10201	.6998354

Sample Name: K4410-12MS Acquired: 08/23/2019 18:32:40 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW9-062-1MS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1873618	.1214200	2.493938
Stddev	.0019652	.0032411	.020642
%RSD	1.048903	2.669324	.8276695

#1	.1853640	.1182812	2.470193
#2	.1874287	.1212243	2.504021
#3	.1892928	.1247545	2.507600

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1430.824	2379.853	30459.11	4707.819	2578.875
Stddev	4.260	6.548	184.28	51.621	4.486
%RSD	.2977514	.2751607	.6050196	1.096486	.1739353

#1	1425.905	2387.170	30247.95	4759.574	2583.211
#2	1433.203	2374.545	30541.89	4707.548	2574.253
#3	1433.363	2377.843	30587.49	4656.334	2579.163

Sample Name: K4410-12MSD Acquired: 08/23/2019 18:36:18 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW9-062-1MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8229194	2.051640	1.058839	2.049654	.8095630	2.167745	.5163142
Stddev	.0069509	.008441	.005216	.004817	.0012600	.011090	.0048736
%RSD	.8446638	.4114358	.4925998	.2350077	.1556423	.5116105	.9439159

#1	.8253760	2.041993	1.056832	2.048915	.8085471	2.160924	.5119160
#2	.8150738	2.057673	1.054926	2.045250	.8109729	2.180542	.5154731
#3	.8283084	2.055253	1.064761	2.054798	.8091688	2.161768	.5215536

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2184035	.2060443	151.5577	.4103748	.2012079	.3011282	2.913021
Stddev	.0019203	.0009471	1.1925	.0018448	.0007252	.0034200	.011494
%RSD	.8792642	.4596532	.7868030	.4495300	.3604048	1.135729	.3945613

#1	.2196989	.2057197	150.6399	.4099335	.2009076	.2973797	2.907085
#2	.2161973	.2053022	151.1276	.4124002	.2006811	.3040785	2.905709
#3	.2193145	.2071110	152.9055	.4087907	.2020350	.3019266	2.926268

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1922861	62.96736	.5086667	.0754913	59.32805	.3051507	.2203182
Stddev	.0017080	.42388	.0017833	.0008675	.41913	.0029325	.0007604
%RSD	.8882455	.6731694	.3505782	1.149156	.7064600	.9609842	.3451596

#1	.1911591	62.66909	.5086548	.0748553	58.84743	.3064121	.2211955
#2	.1914480	62.78042	.5068894	.0764795	59.51910	.3017986	.2198469
#3	.1942513	63.45257	.5104559	.0751390	59.61761	.3072414	.2199123

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.46344	6.553641	.6909856	.3843979	28.41899	28.40985	.7003195
Stddev	.05678	.009884	.0054216	.0005109	.12423	.22074	.0036179
%RSD	.4555533	.1508163	.7846210	.1329010	.4371485	.7769998	.5166073

#1	12.40245	6.542243	.6941835	.3838280	28.33699	28.57926	.6972125
#2	12.51476	6.559850	.6847258	.3845511	28.35805	28.16021	.6994544
#3	12.47311	6.558829	.6940476	.3848147	28.56192	28.49006	.7042915

Sample Name: K4410-12MSD Acquired: 08/23/2019 18:36:18 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW9-062-1MSD Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1866856	.1215047	2.496465
Stddev	.0011343	.0013204	.009263
%RSD	.6076256	1.086693	.3710315

#1	.1854129	.1203041	2.486019
#2	.1870539	.1212911	2.503679
#3	.1875901	.1229188	2.499697

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1416.763	2363.012	30172.49	4697.220	2558.341
Stddev	5.795	3.131	264.58	22.368	6.892
%RSD	.4090456	.1325019	.8768843	.4761929	.2693894

#1	1422.276	2360.197	30424.16	4695.605	2560.971
#2	1410.721	2366.384	29896.66	4720.351	2563.531
#3	1417.291	2362.455	30196.63	4675.703	2550.521

Sample Name: K4410-12A Acquired: 08/23/2019 18:39:56 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.8200867	2.019598	1.053258	2.031359	.8023872	2.160413	.5188204
Stddev	.0036241	.011646	.004032	.009191	.0007877	.015383	.0056991
%RSD	.4419200	.5766568	.3828017	.4524417	.0981740	.7120302	1.098474

#1	.8188920	2.030214	1.054388	2.041569	.8027650	2.158446	.5196848
#2	.8241573	2.021438	1.056605	2.028761	.8014817	2.146109	.5127384
#3	.8172107	2.007141	1.048782	2.023746	.8029148	2.176685	.5240378

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2177042	.2032408	151.2333	.4072948	.1991460	.3007887	2.911993
Stddev	.0020503	.0006491	1.5364	.0012044	.0005053	.0024693	.035415
%RSD	.9417789	.3193623	1.015906	.2957198	.2537170	.8209239	1.216192

#1	.2198110	.2038124	151.2745	.4086035	.1995340	.3036183	2.927427
#2	.2157155	.2033748	149.6768	.4070480	.1993293	.2990707	2.871480
#3	.2175861	.2025352	152.7487	.4062329	.1985746	.2996770	2.937072

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1921199	62.93340	.5045863	.0753238	59.56663	.3065130	.2185894
Stddev	.0027921	.47969	.0014309	.0002559	.59197	.0056371	.0012071
%RSD	1.453321	.7622204	.2835773	.3397427	.9937982	1.839104	.5522308

#1	.1911190	62.98176	.5062385	.0750564	59.59132	.3104904	.2179426
#2	.1899662	62.43136	.5037740	.0753485	58.96271	.3000620	.2178435
#3	.1952745	63.38708	.5037464	.0755665	60.14588	.3089867	.2199821

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.51061	6.542674	.6872475	.3830537	28.04816	28.40801	.6979032
Stddev	.05506	.011916	.0088663	.0006135	.10969	.32469	.0017076
%RSD	.4400675	.1821315	1.290121	.1601516	.3910848	1.142961	.2446729

#1	12.45908	6.553761	.6941006	.3834308	28.13179	28.72597	.6985943
#2	12.56862	6.544188	.6772340	.3823458	28.08873	28.07698	.6959585
#3	12.50412	6.530073	.6904080	.3833844	27.92396	28.42108	.6991570

Sample Name: K4410-12A Acquired: 08/23/2019 18:39:56 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.1885033	.1207110	2.494748
Stddev	.0022955	.0016700	.007134
%RSD	1.217777	1.383479	.2859513

#1	.1908216	.1209114	2.502521
#2	.1862312	.1189498	2.488501
#3	.1884573	.1222718	2.493221

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1413.572	2362.777	30182.08	4689.440	2564.688
Stddev	15.066	4.319	226.68	19.445	2.873
%RSD	1.065830	.1827811	.7510506	.4146480	.1120095

#1	1430.646	2365.822	30429.81	4693.182	2567.717
#2	1407.923	2364.675	29985.03	4706.742	2562.002
#3	1402.147	2357.835	30131.40	4668.397	2564.344

Sample Name: K4410-13 Acquired: 08/23/2019 18:43:33 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW1-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068418	.0145134	.0264620	-.001075	.0002106	.1734626
Stddev	.0021203	.0038901	.0016207	.001407	.0010278	.0067174
%RSD	30.99048	26.80369	6.124548	130.8657	487.9898	3.872516

#1	.0071093	.0148288	.0259498	-.002079	.0013879	.1779879
#2	.0046005	.0182361	.0251593	.000533	-.000508	.1657443
#3	.0088157	.0104751	.0282769	-.001681	-.000248	.1766557

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4891705	-.000199	.0015398	397.0429	.0053612	.0471017
Stddev	.0017123	.000027	.0000523	.9219	.0004120	.0001412
%RSD	.3500419	13.51957	3.393228	.2321927	7.684059	.2998921

#1	.4880660	-.000174	.0015033	397.1001	.0049214	.0471981
#2	.4883025	-.000197	.0015997	396.0937	.0054239	.0471675
#3	.4911430	-.000227	.0015164	397.9349	.0057381	.0469396

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0259759	.1440130	7.256545	137.5955	.0273681	.0001357
Stddev	.0030732	.0059987	.028392	.6303	.0003393	.0002466
%RSD	11.83077	4.165369	.3912640	.4580696	1.239761	181.7645

#1	.0257629	.1490040	7.246568	137.1908	.0273013	-.000054
#2	.0230148	.1373580	7.234489	137.2739	.0277358	.000046
#3	.0291500	.1456771	7.288580	138.3217	.0270671	.000415

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1438.257	-.002578	.1030310	11.21420	.0580036	3.129924
Stddev	2.700	.003062	.0014037	.00262	.0029864	.026522
%RSD	.1877293	118.7775	1.362379	.0234050	5.148586	.8473823

#1	1437.072	-.004530	.1020183	11.21711	.0607939	3.137618
#2	1436.353	.000951	.1024413	11.21200	.0548537	3.100406
#3	1441.347	-.004155	.1046333	11.21350	.0583633	3.151750

Sample Name: K4410-13 Acquired: 08/23/2019 18:43:33 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW1-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007667	27.24613	21.88953	-.005870	-.008885	.0086379
Stddev	.0000569	.04659	.15540	.001428	.001279	.0005468
%RSD	7.416145	.1710099	.7099430	24.32478	14.39924	6.330486

#1	.0007071	27.24402	22.00221	-.005390	-.009757	.0089371
#2	.0007727	27.20062	21.71224	-.004744	-.009482	.0089699
#3	.0008204	27.29374	21.95412	-.007477	-.007416	.0080068

Elem	Sr4077
Units	ppm
Avg	2.750550
Stddev	.019133
%RSD	.6956162

#1	2.729915
#2	2.754034
#3	2.767702

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1345.899	2332.205	28691.80	4633.537	2464.402
Stddev	4.355	4.582	72.98	22.053	3.437
%RSD	.3235438	.1964586	.2543619	.4759513	.1394678

#1	1350.739	2328.948	28774.88	4615.930	2463.329
#2	1342.299	2330.223	28638.01	4658.273	2461.630
#3	1344.658	2337.444	28662.52	4626.408	2468.248

Sample Name: K4410-14 Acquired: 08/23/2019 18:47:23 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW2S-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013024	.0033600	.0211091	.0033553	-.002625	.0528624	.1066669
Stddev	.0017514	.0027665	.0011353	.0003516	.001681	.0169504	.0009599
%RSD	134.4771	82.33515	5.378035	10.48002	64.04658	32.06516	.8998953

#1	.0014280	.0010471	.0200787	.0037135	-.000740	.0576086	.1056759
#2	-.000508	.0064247	.0223260	.0033418	-.003168	.0669337	.1067325
#3	.002988	.0026082	.0209224	.0030107	-.003968	.0340447	.1075923

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000105	-.000051	35.16679	-.000213	.1290436	.0005566	14.61475
Stddev	.000026	.000033	.11724	.000483	.0002111	.0017724	.08450
%RSD	25.28641	63.63022	.3333922	226.3408	.1636105	318.4450	.5781785

#1	-.000110	-.000017	35.04252	.000312	.1288411	-.000610	14.55558
#2	-.000128	-.000081	35.18241	-.000314	.1290273	.002596	14.57713
#3	-.000076	-.000056	35.27544	-.000637	.1292624	-.000317	14.71152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.391914	14.71826	.0203059	.0000628	155.2937	-.003595	.0821526
Stddev	.022562	.10955	.0003561	.0002280	.2822	.000957	.0003527
%RSD	.4184495	.7442796	1.753720	362.7368	.1817456	26.62262	.4293283

#1	5.366615	14.59463	.0199178	-.000110	155.0478	-.003567	.0825352
#2	5.399173	14.75692	.0203825	.000321	155.2314	-.004566	.0818403
#3	5.409953	14.80323	.0206175	-.000023	155.6019	-.002652	.0820824

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8647647	.0117474	.1313161	-.000932	7.829939	18.93303	-.004038
Stddev	.0446409	.0014865	.0005410	.000361	.023536	.10594	.000838
%RSD	5.162207	12.65408	.4120112	38.77444	.3005926	.5595659	20.75442

#1	.8681516	.0124557	.1315981	-.000521	7.854970	18.82730	-.003119
#2	.8185267	.0100392	.1306923	-.001199	7.826591	19.03919	-.004761
#3	.9076157	.0127473	.1316579	-.001074	7.808257	18.93260	-.004234

Sample Name: K4410-14 Acquired: 08/23/2019 18:47:23 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW2S-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000789	-.001252	.2937795
Stddev	.000729	.000559	.0012495
%RSD	92.35374	44.65342	.4253195

#1	-.000225	-.001143	.2923632
#2	-.000530	-.001857	.2942492
#3	-.001612	-.000755	.2947261

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1451.363	2403.052	30647.43	4790.244	2622.691
Stddev	15.376	2.203	281.97	18.960	9.945
%RSD	1.059422	.0916869	.9200344	.3957969	.3791933

#1	1433.659	2401.237	30387.47	4768.907	2611.240
#2	1461.383	2405.503	30947.18	4796.666	2627.670
#3	1459.045	2402.414	30607.65	4805.158	2629.163

Sample Name: CCV08 Acquired: 08/23/2019 18:51:12 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15400 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.056075	4.967925	5.040630	5.014366	5.003836	10.16392	10.42313
Stddev	.017329	.019979	.009517	.003115	.003717	.11606	.08755
%RSD	.3427294	.4021657	.1888026	.0621198	.0742920	1.141909	.8399810

#1	5.075468	4.945653	5.033441	5.016998	4.999668	10.04862	10.32490
#2	5.042110	4.973851	5.037026	5.015174	5.006807	10.16243	10.45152
#3	5.050648	4.984271	5.051422	5.010927	5.005035	10.28073	10.49296

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2651975	2.543406	25.61568	1.023040	2.525015	1.250238	4.701496
Stddev	.0025957	.004526	.26472	.002024	.004434	.008327	.029605
%RSD	.9787624	.1779597	1.033414	.1978813	.1755879	.6659946	.6296930

#1	.2626188	2.538790	25.32761	1.022157	2.521619	1.240717	4.679940
#2	.2651639	2.543590	25.67121	1.021607	2.523395	1.256154	4.689296
#3	.2678098	2.547837	25.84823	1.025356	2.530031	1.253844	4.735251

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.344493	24.03802	2.532159	1.264409	26.99615	2.445394	2.534447
Stddev	.016163	.24695	.002925	.007316	.21907	.014198	.009532
%RSD	.6894027	1.027346	.1155046	.5785780	.8114729	.5806188	.3760899

#1	2.329336	23.77098	2.530377	1.269727	27.03980	2.429986	2.544004
#2	2.342641	24.08494	2.530566	1.256066	26.75854	2.448247	2.524941
#3	2.361503	24.25815	2.535535	1.267435	27.19010	2.457950	2.534397

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.95572	5.204533	5.238103	5.050003	5.014690	5.252218	5.075754
Stddev	.16823	.013052	.069744	.005422	.016032	.068347	.005605
%RSD	.6481375	.2507789	1.331466	.1073702	.3197057	1.301297	.1104277

#1	25.77220	5.189508	5.176859	5.047911	4.997467	5.188297	5.071127
#2	25.99232	5.213068	5.223437	5.045939	5.029179	5.244093	5.074148
#3	26.10263	5.211022	5.314014	5.056160	5.017425	5.324265	5.081986

Sample Name: CCV08 Acquired: 08/23/2019 18:51:12 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV15400 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.992328	5.151351	5.029606
Stddev	.042651	.055243	.140225
%RSD	.8543256	1.072397	2.787982

#1	4.949452	5.092932	4.867691
#2	4.992783	5.158375	5.111200
#3	5.034750	5.202746	5.109929

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1351.056	2256.703	28787.51	4548.708	2482.266
Stddev	12.983	7.048	185.69	29.507	5.709
%RSD	.9609431	.3123249	.6450234	.6486813	.2299812

#1	1336.078	2248.931	28574.20	4568.700	2475.744
#2	1357.983	2258.496	28912.97	4562.606	2484.693
#3	1359.105	2262.681	28875.36	4514.819	2486.359

Sample Name: K4410-15 Acquired: 08/23/2019 18:58:44 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW10D-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067212	.0008839	.0071300	-.001032	-.004096	.0725961	.2704397
Stddev	.0019288	.0023611	.0012744	.000431	.000291	.0006208	.0024790
%RSD	28.69715	267.1154	17.87373	41.75135	7.095347	.8550910	.9166470

#1	.0070380	.0035248	.0060287	-.000714	-.004334	.0722166	.2685800
#2	.0084720	-.001023	.0085259	-.000859	-.004182	.0722594	.2694851
#3	.0046536	.000150	.0068354	-.001522	-.003772	.0733125	.2732541

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001763	-.000028	98.37767	-.000158	-.000877	-.001777	7.480949
Stddev	.0000528	.000021	.64996	.000563	.000050	.001385	.047996
%RSD	29.97376	75.92423	.6606782	357.4992	5.713194	77.95202	.6415750

#1	.0001154	-.000008	97.62799	.000491	-.000902	-.001133	7.426975
#2	.0002039	-.000026	98.78310	-.000522	-.000910	-.000831	7.518831
#3	.0002097	-.000050	98.72192	-.000442	-.000819	-.003367	7.497041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1694805	63.53832	.0002590	.0001084	59.56522	-.004206	.0696853
Stddev	.0006904	.47277	.0006027	.0000864	.66425	.003787	.0002050
%RSD	.4073872	.7440646	232.6787	79.74106	1.115169	90.03400	.2941455

#1	.1688346	63.06680	.0008207	.0000700	58.80296	-.000219	.0694685
#2	.1693986	63.53582	.0003339	.0000478	59.87255	-.007755	.0697115
#3	.1702082	64.01233	-.000378	.0002073	60.02016	-.004644	.0698759

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.710255	.0028862	.3919097	.0003148	7.769871	6.593608	-.006352
Stddev	.034613	.0014678	.0033871	.0003135	.020957	.057051	.001038
%RSD	2.023844	50.85463	.8642626	99.57985	.2697266	.8652396	16.33914

#1	1.736590	.0020388	.3916887	.0000544	7.757894	6.579146	-.006541
#2	1.723123	.0045811	.3954019	.0006628	7.757648	6.656497	-.005233
#3	1.671051	.0020388	.3886385	.0002273	7.794070	6.545180	-.007283

Sample Name: K4410-15 Acquired: 08/23/2019 18:58:44 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW10D-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003032	.0110048	2.098161
Stddev	.000293	.0004009	.014044
%RSD	9.676461	3.642758	.6693284

#1	-.002707	.0114430	2.081975
#2	-.003113	.0109147	2.107113
#3	-.003277	.0106566	2.105395

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1442.343	2385.853	30541.80	4711.333	2575.304
Stddev	7.801	6.489	234.30	27.039	6.756
%RSD	.5408434	.2719898	.7671455	.5739060	.2623450

#1	1438.131	2392.560	30402.05	4697.427	2583.013
#2	1451.345	2385.395	30812.30	4694.077	2570.411
#3	1437.554	2379.605	30411.06	4742.494	2572.489

Sample Name: CCB08 Acquired: 08/23/2019 18:54:51 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15400 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030717	.0026386	-.001699	-.001474	-.000661	-.002768	.0006579
Stddev	.0017078	.0004444	.000974	.000467	.002441	.003906	.0000800
%RSD	55.59704	16.84325	57.33633	31.66848	369.0693	141.1093	12.16091

#1	.0042285	.0026433	-.000907	-.001004	.001912	-.005439	.0006893
#2	.0038762	.0021919	-.002787	-.001481	-.000954	.001715	.0005669
#3	.0011102	.0030807	-.001403	-.001937	-.002943	-.004582	.0007174

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000019	.0000714	.0051566	.0002944	.0001048	-.002416	-.000376
Stddev	.0000478	.0000910	.0056431	.0002297	.0000853	.001804	.008674
%RSD	2512.925	127.4526	109.4333	78.02527	81.36459	74.69604	2307.896

#1	-.000053	-.000011	.0091659	.0000354	.0002010	-.002528	-.003592
#2	.000033	.000169	-.001296	.0004735	.0000384	-.000558	.009447
#3	.000026	.000055	.007600	.0003743	.0000751	-.004161	-.006982

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000411	-.007032	.0002472	.0002958	.6127085	-.002079	.0007713
Stddev	.000277	.028968	.0005470	.0001611	.1181866	.001730	.0003679
%RSD	67.54067	411.9667	221.2527	54.47009	19.28921	83.18982	47.69815

#1	-.000696	-.010710	.0008593	.0001237	.5944434	-.004047	.0011561
#2	-.000142	.023600	-.000194	.0004430	.7389644	-.000801	.0007348
#3	-.000395	-.033985	.000076	.0003207	.5047178	-.001389	.0004231

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1886842	.0021466	.0137421	.0006399	-.009490	.0084129	.0026263
Stddev	.0736877	.0005871	.0006658	.0006810	.000779	.0027879	.0009960
%RSD	39.05344	27.34821	4.844584	106.4171	8.207379	33.13864	37.92317

#1	.2313869	.0027791	.0136824	.0012079	-.010026	.0115749	.0029605
#2	.2310685	.0020415	.0144356	.0008270	-.008597	.0073550	.0034122
#3	.1035972	.0016192	.0131081	-.000115	-.009847	.0063088	.0015062

Sample Name: CCB08 Acquired: 08/23/2019 18:54:51 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15400 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000740	.0018442	.0002083
Stddev	.000413	.0008922	.0001083
%RSD	55.77934	48.37591	51.96589

#1	-.000913	.0026947	.0003320
#2	-.001039	.0019224	.0001309
#3	-.000269	.0009156	.0001621

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1371.619	2269.456	28976.79	4581.919	2409.552
Stddev	9.040	5.462	250.44	21.849	5.988
%RSD	.6590494	.2406629	.8642949	.4768611	.2485123

#1	1361.244	2263.470	28836.88	4605.559	2404.242
#2	1377.800	2270.729	29265.93	4577.731	2416.043
#3	1375.813	2274.169	28827.57	4562.467	2408.372

Sample Name: K4410-16 Acquired: 08/23/2019 19:02:33 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW10M-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039494	.0038317	.0207310	-.000774	-.002317	.0485175	.1114179
Stddev	.0031060	.0020221	.0016856	.001071	.001273	.0101002	.0016447
%RSD	78.64525	52.77288	8.131054	138.3502	54.92762	20.81765	1.476173

#1	.0042634	.0018121	.0220161	.000456	-.002932	.0368605	.1095192
#2	.0006983	.0058563	.0213544	-.001276	-.000854	.0546626	.1124034
#3	.0068864	.0038269	.0188224	-.001502	-.003165	.0540294	.1123312

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000092	-.000028	72.42855	.0008113	-.001036	-.005310	.1783067
Stddev	.0000258	.000085	1.30322	.0003250	.000059	.001783	.0066012
%RSD	280.0731	304.3091	1.799322	40.05551	5.671967	33.57022	3.702173

#1	-.000013	.000069	70.92468	.0009441	-.001085	-.007194	.1706998
#2	.000003	-.000062	73.13384	.0004409	-.001051	-.003650	.1816893
#3	.000038	-.000090	73.22713	.0010488	-.000971	-.005086	.1825311

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.017832	22.35600	.0011114	-.000054	76.15893	.0002412	.0228320
Stddev	.020437	.38134	.0001865	.000269	1.19100	.0029605	.0002780
%RSD	2.007853	1.705760	16.78371	495.0271	1.563837	1227.625	1.217748

#1	.994350	21.92031	.0009554	-.000226	74.79934	.0004211	.0228223
#2	1.031599	22.62904	.0010607	.000256	76.65952	-.002805	.0225590
#3	1.027546	22.51867	.0013180	-.000193	77.01794	.003108	.0231148

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.425160	.4308266	.2116196	.0161748	9.852760	18.42625	-.005572
Stddev	.112320	.0024820	.0033635	.0003026	.046796	.24481	.000854
%RSD	7.881204	.5760910	1.589427	1.870877	.4749524	1.328611	15.31925

#1	1.404234	.4306011	.2079411	.0162307	9.881799	18.14547	-.006550
#2	1.546471	.4334136	.2123797	.0164455	9.877705	18.59499	-.005189
#3	1.324775	.4284651	.2145381	.0158481	9.798777	18.53830	-.004977

Sample Name: K4410-16 Acquired: 08/23/2019 19:02:33 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW10M-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001761	.0067831	.4356858
Stddev	.000816	.0010229	.0084546
%RSD	46.31696	15.08040	1.940531

#1	-.001909	.0056204	.4259448
#2	-.002493	.0075445	.4399941
#3	-.000882	.0071845	.4411184

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1434.794	2415.929	30445.71	4829.681	2622.148
Stddev	4.420	12.564	137.07	58.478	17.338
%RSD	.3080878	.5200522	.4502147	1.210794	.6611974

#1	1429.690	2408.300	30603.83	4896.483	2609.905
#2	1437.332	2409.057	30372.59	4787.749	2614.550
#3	1437.360	2430.431	30360.70	4804.812	2641.987

Sample Name: K4410-17 Acquired: 08/23/2019 19:06:22 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW10M-062-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042337	-.001209	.0192581	.0007953	-.000918	.0602631	.1094764
Stddev	.0012565	.001643	.0013685	.0013593	.001275	.0111928	.0007490
%RSD	29.67795	135.8593	7.106035	170.9120	138.8939	18.57328	.6841873

#1	.0038310	.000688	.0193824	-.000158	.000387	.0725230	.1092832
#2	.0032280	-.002174	.0205602	.002352	-.000979	.0576759	.1103031
#3	.0056422	-.002142	.0178317	.000192	-.002161	.0505904	.1088429

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000130	-.000040	70.83447	.0006456	-.001636	-.004223	.1844178
Stddev	.000030	.000054	.48370	.0001250	.000036	.000238	.0067111
%RSD	22.85820	133.8165	.6828548	19.35716	2.169192	5.633388	3.639056

#1	-.000164	-.000087	71.01313	.0007355	-.001603	-.003991	.1867994
#2	-.000109	-.000052	71.20342	.0005029	-.001673	-.004212	.1896132
#3	-.000116	.000018	70.28686	.0006982	-.001633	-.004466	.1768407

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9934881	21.70414	.0004758	.0000791	74.71742	.0007915	.0210112
Stddev	.0089572	.14652	.0003473	.0001736	.01591	.0023547	.0002728
%RSD	.9015899	.6750863	72.97908	219.3742	.0212985	297.4851	1.298604

#1	.9921376	21.71651	.0007117	.0000962	74.71782	-.000752	.0212331
#2	1.003044	21.84408	.0006387	-.000102	74.70132	-.000375	.0210940
#3	.985283	21.55182	.0000771	.000244	74.73314	.003502	.0207066

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.328017	.4097460	.2071421	.0162330	9.202466	17.84467	-.004023
Stddev	.052572	.0049209	.0012559	.0004041	.019636	.08066	.001070
%RSD	3.958678	1.200974	.6062875	2.489359	.2133744	.4519961	26.60510

#1	1.366486	.4040842	.2084545	.0158000	9.180605	17.91431	-.004187
#2	1.349452	.4121608	.2070200	.0162990	9.208187	17.86339	-.002880
#3	1.268114	.4129931	.2059517	.0166001	9.218606	17.75629	-.005001

Sample Name: K4410-17 Acquired: 08/23/2019 19:06:22 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MW10M-062-2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001595	.0075557	.4273408
Stddev	.000840	.0005957	.0012479
%RSD	52.68040	7.884129	.2920029

#1	-.000639	.0079299	.4259899
#2	-.002218	.0068688	.4275824
#3	-.001928	.0078684	.4284503

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1415.025	2346.447	29875.50	4714.503	2554.013
Stddev	14.987	1.929	287.73	53.518	5.725
%RSD	1.059116	.0822254	.9630932	1.135188	.2241547

#1	1409.504	2348.590	29878.44	4678.455	2554.538
#2	1403.583	2345.903	29586.31	4689.058	2559.458
#3	1431.990	2344.847	30161.74	4775.997	2548.044

Sample Name: K4410-18 Acquired: 08/23/2019 19:10:11 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW11M-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044951	.0041106	.0259608	-.001406	-.003370	.0763047	.7437997
Stddev	.0023412	.0022308	.0015125	.001635	.000975	.0090945	.0007659
%RSD	52.08349	54.26893	5.826177	116.2217	28.92818	11.91861	.1029659

#1	.0061790	.0066821	.0253712	-.003239	-.004303	.0762524	.7439171
#2	.0054848	.0029556	.0248318	-.000100	-.003451	.0854253	.7429820
#3	.0018216	.0026942	.0276793	-.000880	-.002358	.0672366	.7445001

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000908	.0000790	160.3302	.0010507	-.001690	-.002108	.0488224
Stddev	.0000873	.0000386	.3027	.0005160	.000137	.003226	.0068887
%RSD	96.09319	48.90932	.1888087	49.10779	8.111459	153.0362	14.10980

#1	.0000604	.0001207	160.4456	.0007407	-.001680	-.004986	.0515291
#2	.0000228	.0000444	160.5583	.0016463	-.001832	-.002718	.0539468
#3	.0001892	.0000718	159.9868	.0007650	-.001558	.001380	.0409914

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060659	59.62465	-.000378	.0003485	63.42728	.0080321	.0104317
Stddev	.0006149	.20429	.000566	.0005030	.18649	.0018641	.0000103
%RSD	10.13715	.3426203	149.6941	144.3547	.2940226	23.20828	.0982938

#1	.0057269	59.78386	.000273	-.000178	63.56987	.0060503	.0104280
#2	.0067757	59.69578	-.000749	.000400	63.21624	.0097505	.0104239
#3	.0056951	59.39431	-.000657	.000824	63.49574	.0082955	.0104433

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.368738	.0692650	.3187962	.0003653	16.81997	24.00873	-.005406
Stddev	.055343	.0014854	.0023419	.0004993	.07281	.10101	.000535
%RSD	2.336396	2.144556	.7346069	136.7041	.4328787	.4207027	9.890387

#1	2.381491	.0676878	.3189366	.0005603	16.79405	24.02092	-.005230
#2	2.308132	.0706375	.3210646	.0007377	16.76366	24.10308	-.004981
#3	2.416592	.0694696	.3163872	-.000202	16.90219	23.90218	-.006006

Sample Name: K4410-18 Acquired: 08/23/2019 19:10:11 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW11M-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004198	.0123175	1.371998
Stddev	.000919	.0005496	.008217
%RSD	21.88673	4.462023	.5989031

#1	-.004303	.0118026	1.362527
#2	-.003231	.0128963	1.376240
#3	-.005060	.0122537	1.377226

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1415.957	2361.372	30157.95	4708.569	2557.653
Stddev	3.680	2.584	116.78	14.266	4.917
%RSD	.2598872	.1094252	.3872443	.3029723	.1922313

#1	1418.965	2364.303	30075.27	4712.316	2562.550
#2	1417.053	2360.387	30291.55	4692.804	2557.693
#3	1411.854	2359.425	30107.02	4720.587	2552.717

Sample Name: K4410-19 Acquired: 08/23/2019 19:13:59 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MW11D-062-1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048743	.0060087	.0206627	-.000728	-.003713	.0709117	.1071686
Stddev	.0034359	.0040262	.0003881	.002027	.000452	.0042738	.0010855
%RSD	70.48949	67.00552	1.878425	278.2531	12.18758	6.026892	1.012841

#1	.0022805	.0087460	.0202154	-.001193	-.003514	.0757570	.1060749
#2	.0087711	.0078944	.0209109	.001490	-.003394	.0676779	.1071852
#3	.0035713	.0013858	.0208618	-.002483	-.004231	.0693004	.1082456

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001392	.0000490	129.3557	.0012252	-.001343	-.004530	.3326082
Stddev	.0000503	.0001165	1.4120	.0004028	.000136	.002183	.0030121
%RSD	36.13319	237.5298	1.091546	32.87423	10.09928	48.18317	.9056029

#1	.0001189	.0001656	127.8511	.0008183	-.001210	-.006523	.3296935
#2	.0001023	-.000067	129.5639	.0016237	-.001481	-.002198	.3324222
#3	.0001965	.000049	130.6520	.0012337	-.001338	-.004868	.3357090

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0690879	50.58819	.0005934	.0001284	67.81404	.0019540	.0218264
Stddev	.0009268	.58115	.0003276	.0002336	.35893	.0012626	.0006902
%RSD	1.341506	1.148792	55.20978	181.9190	.5292823	64.61784	3.162124

#1	.0681164	49.94434	.0005862	.0003977	67.69930	.0010693	.0210376
#2	.0691851	50.74631	.0009245	-.000020	67.52651	.0033999	.0223191
#3	.0699624	51.07392	.0002694	.000008	68.21631	.0013927	.0221227

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.144952	.0293385	.7056129	.0039643	42.34903	18.74732	-.005000
Stddev	.107723	.0010450	.0032135	.0003692	.19611	.07358	.000505
%RSD	9.408512	3.561720	.4554196	9.312746	.4630744	.3924966	10.09625

#1	1.020567	.0305068	.7019418	.0035381	42.38008	18.66548	-.004518
#2	1.206495	.0284931	.7069805	.0041824	42.13924	18.80802	-.004957
#3	1.207794	.0290156	.7079164	.0041725	42.52775	18.76847	-.005525

Sample Name: K4410-19 Acquired: 08/23/2019 19:13:59 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW11D-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003664	.0108904	3.761447
Stddev	.001256	.0009447	.030050
%RSD	34.28097	8.674587	.7988853

#1	-.004899	.0098006	3.727093
#2	-.002388	.0113940	3.782851
#3	-.003706	.0114765	3.774396

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1424.890	2363.067	30406.79	4783.369	2562.806
Stddev	14.621	7.348	124.69	34.932	7.249
%RSD	1.026122	.3109637	.4100712	.7302702	.2828428

#1	1435.193	2359.418	30454.17	4816.646	2565.071
#2	1431.321	2371.526	30500.85	4786.471	2568.652
#3	1408.156	2358.258	30265.36	4746.990	2554.695

Sample Name: K4410-21 Acquired: 08/23/2019 19:21:42 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW4S-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049891	.0036203	.0198556	-.001807	-.003353	.1234182	.1171430
Stddev	.0018803	.0020201	.0008049	.003671	.000963	.0157148	.0028118
%RSD	37.68817	55.79865	4.053943	203.1370	28.72216	12.73299	2.400314

#1	.0047462	.0032544	.0206045	-.004810	-.002284	.1076248	.1167537
#2	.0032420	.0018081	.0199580	-.002897	-.003621	.1235765	.1145461
#3	.0069790	.0057983	.0190044	.002286	-.004153	.1390532	.1201291

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001247	.0001829	221.7128	.0019036	-.001316	.0134461	.0102877
Stddev	.0000203	.0000664	5.1208	.0001334	.000163	.0038345	.0129597
%RSD	16.25784	36.27772	2.309677	7.010188	12.39342	28.51755	125.9734

#1	.0001064	.0002155	221.8558	.0020576	-.001366	.0159540	.0033381
#2	.0001465	.0001066	216.5219	.0018310	-.001447	.0090320	.0022850
#3	.0001213	.0002266	226.7606	.0018223	-.001133	.0153522	.0252399

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0378926	112.1396	.0022804	.0002349	612.6118	.0010386	.0665417
Stddev	.0010455	2.1609	.0007926	.0001758	13.1354	.0031775	.0001609
%RSD	2.759127	1.926993	34.75831	74.81682	2.144167	305.9532	.2418538

#1	.0380097	112.0845	.0022390	.0001204	612.0098	.0013720	.0665701
#2	.0367934	110.0067	.0015093	.0001472	599.7877	.0040362	.0663684
#3	.0388746	114.3275	.0030929	.0004373	626.0378	-.002293	.0666865

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.340942	.0119314	.3863460	-.000146	49.87285	16.43566	-.005043
Stddev	.135188	.0012186	.0054468	.000562	.14818	.24935	.000733
%RSD	5.774923	10.21364	1.409825	385.3200	.2971069	1.517155	14.54152

#1	2.381233	.0121730	.3892915	.000264	49.77023	16.51373	-.005702
#2	2.190189	.0106100	.3800607	-.000787	49.80560	16.15661	-.005173
#3	2.451403	.0130111	.3896858	.000085	50.04273	16.63663	-.004253

Sample Name: K4410-21 Acquired: 08/23/2019 19:21:42 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW4S-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005729	.0056211	1.116438
Stddev	.000705	.0004755	.018750
%RSD	12.30427	8.458939	1.679431

#1	-.005544	.0060493	1.110627
#2	-.005135	.0051094	1.101282
#3	-.006508	.0057046	1.137406

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1362.371	2318.792	28977.33	4593.771	2541.150
Stddev	11.132	1.229	45.22	87.828	3.854
%RSD	.8171071	.0530192	.1560633	1.911888	.1516805

#1	1351.746	2318.960	29029.36	4552.344	2542.019
#2	1373.949	2319.928	28947.54	4694.651	2544.496
#3	1361.420	2317.487	28955.08	4534.320	2536.936

Sample Name: K4410-20 Acquired: 08/23/2019 19:17:48 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW4S-062-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000133	.0017733	.0007312	-.003361	-.002370	.0197338	.0009614
Stddev	.002234	.0026642	.0011709	.000801	.001135	.0111986	.0006053
%RSD	1684.616	150.2386	160.1192	23.82187	47.90923	56.74842	62.95436

#1	-.001729	.0036105	.0006498	-.002939	-.003679	.0068073	.0016384
#2	.002420	.0029917	.0019407	-.002860	-.001648	.0264938	.0004726
#3	-.001089	-.001282	-.000397	-.004285	-.001783	.0259002	.0007732

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000404	.0000166	.0746724	.0013558	.0005073	-.004947	-.008909
Stddev	.0000504	.0000590	.0051420	.0002192	.0001957	.001214	.003254
%RSD	124.7737	355.2276	6.886073	16.16661	38.57683	24.54415	36.52281

#1	.0000032	-.000044	.0726003	.0015420	.0004160	-.004835	-.009329
#2	.0000977	.000074	.0708897	.0014112	.0003740	-.006213	-.005465
#3	.0000203	.000019	.0805271	.0011142	.0007320	-.003793	-.011932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000434	.0305520	.0013477	-.000148	.1221095	-.003308	.0515309
Stddev	.000279	.0168942	.0002903	.000272	.1411884	.004816	.0043603
%RSD	64.25852	55.29670	21.54291	183.8593	115.6244	145.5692	8.461569

#1	-.000161	.0119204	.0012840	-.000166	.0821624	.001602	.0500887
#2	-.000719	.0448740	.0016646	.000133	.2789674	-.003504	.0480744
#3	-.000422	.0348616	.0010945	-.000410	.0051986	-.008023	.0564296

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.588337	.0014301	.0044529	-.000641	-.005107	.0046928	-.001468
Stddev	.029693	.0012536	.0009529	.000394	.004244	.0012956	.000827
%RSD	5.047008	87.65347	21.39880	61.52477	83.11096	27.60902	56.34796

#1	-.600434	.0007584	.0037259	-.000809	-.000426	.0051000	-.002386
#2	-.610073	.0028764	.0055316	-.000190	-.008706	.0057360	-.001239
#3	-.554505	.0006556	.0041011	-.000923	-.006188	.0032425	-.000780

Sample Name: K4410-20 Acquired: 08/23/2019 19:17:48 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MW4S-062-3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000018	-.004265	.0003533
Stddev	.000915	.000553	.0000216
%RSD	4949.212	12.95687	6.109245

#1	-.000166	-.004735	.0003745
#2	-.000851	-.004404	.0003314
#3	.000961	-.003657	.0003540

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1406.818	2409.228	29667.64	4780.143	2503.454
Stddev	85.782	10.184	1972.48	20.923	11.272
%RSD	6.097588	.4226991	6.648601	.4377102	.4502752

#1	1447.623	2413.592	30616.99	4783.464	2497.787
#2	1464.582	2416.503	30985.95	4799.208	2516.435
#3	1308.251	2397.590	27400.00	4757.758	2496.139

Sample Name: K4410-01 Acquired: 08/23/2019 19:29:22 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW9-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163282	.0040916	.0311833	.0011906	-.001427	.0772521	.3235757
Stddev	.0045795	.0019128	.0011507	.0007803	.000613	.0111679	.0019465
%RSD	28.04670	46.74873	3.690207	65.53667	42.97780	14.45650	.6015506

#1	.0150146	.0055491	.0299005	.0015632	-.001451	.0646770	.3213962
#2	.0125491	.0048001	.0321247	.0002939	-.000801	.0860142	.3251410
#3	.0214210	.0019257	.0315248	.0017147	-.002027	.0810650	.3241899

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001004	.0001054	152.6135	.0043890	-.001291	-.003210	1.678445
Stddev	.0000457	.0000539	.4647	.0008419	.000192	.001336	.024590
%RSD	45.52302	51.14755	.3044801	19.18143	14.89800	41.61333	1.465056

#1	.0001329	.0000798	152.0772	.0038851	-.001069	-.002523	1.651395
#2	.0001200	.0000690	152.8943	.0039210	-.001394	-.002358	1.684496
#3	.0000481	.0001673	152.8691	.0053609	-.001410	-.004750	1.699445

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100420	61.33745	.0012475	-.000151	57.08007	.0023544	.0180738
Stddev	.0003112	.24192	.0008740	.000338	.30750	.0020413	.0016802
%RSD	3.098822	.3944128	70.06542	223.0262	.5387251	86.70226	9.296267

#1	.0103816	61.11766	.0004134	.000203	56.75767	.0004636	.0170019
#2	.0099738	61.29804	.0021566	-.000187	57.37012	.0020809	.0172093
#3	.0097706	61.59666	.0011724	-.000470	57.11242	.0045186	.0200103

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.957368	.0746432	.3902644	.0008166	29.13957	28.38512	-.005747
Stddev	.110120	.0021674	.0025982	.0004527	.02862	.31275	.001372
%RSD	5.625928	2.903725	.6657625	55.44359	.0982091	1.101814	23.87151

#1	2.079746	.0753928	.3906198	.0013393	29.15923	28.44078	-.007303
#2	1.866275	.0763363	.3875067	.0005518	29.10674	28.04828	-.004708
#3	1.926084	.0722004	.3926666	.0005586	29.15273	28.66631	-.005232

Sample Name: K4410-01 Acquired: 08/23/2019 19:29:22 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW9-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004460	.0112940	2.308642
Stddev	.000439	.0007554	.010458
%RSD	9.852295	6.688420	.4529817

#1	-.003984	.0108051	2.297275
#2	-.004545	.0109129	2.310796
#3	-.004850	.0121640	2.317854

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1366.671	2354.293	29060.27	4697.248	2550.715
Stddev	65.825	3.407	1437.90	13.848	4.661
%RSD	4.816460	.1447235	4.947981	.2948017	.1827333

#1	1415.643	2356.640	30164.71	4691.541	2555.601
#2	1392.527	2355.854	29581.69	4687.165	2550.227
#3	1291.844	2350.385	27434.40	4713.037	2546.318

Sample Name: K4410-22 Acquired: 08/23/2019 19:25:31 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW4D-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068406	.0026953	.0081482	-.001961	-.003659	.0760948	.0562170
Stddev	.0005570	.0028109	.0015535	.000864	.001972	.0116484	.0011420
%RSD	8.142530	104.2896	19.06556	44.06040	53.89450	15.30780	2.031337

#1	.0064127	.0003946	.0063824	-.002931	-.005247	.0895448	.0551753
#2	.0074704	.0058284	.0093047	-.001274	-.001452	.0694696	.0574380
#3	.0066386	.0018628	.0087575	-.001678	-.004279	.0692701	.0560376

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000045	.0000487	36.79200	.0013958	-.000762	.0108690	.3521237
Stddev	.000022	.0000401	.27973	.0003141	.000235	.0010590	.0031674
%RSD	49.88750	82.33849	.7602948	22.50037	30.78369	9.743098	.8995198

#1	-.000062	.0000263	36.46931	.0017310	-.001028	.0096530	.3510383
#2	-.000053	.0000248	36.96566	.0013482	-.000585	.0115884	.3496416
#3	-.000020	.0000950	36.94102	.0011083	-.000672	.0113656	.3556911

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7591415	5.869393	.0018614	.0001844	144.9414	-.001903	.0407314
Stddev	.0074131	.065615	.0001059	.0001845	1.2848	.000860	.0005649
%RSD	.9765135	1.117911	5.688929	100.0740	.8864155	45.18082	1.386908

#1	.7506256	5.803867	.0019514	.0003974	143.4864	-.002167	.0410907
#2	.7641505	5.935096	.0017447	.0000728	145.9197	-.002600	.0410233
#3	.7626484	5.869215	.0018880	.0000829	145.4180	-.000942	.0400803

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.123476	.2181798	.3896096	.0206028	5.253319	7.427539	-.002505
Stddev	.061377	.0031772	.0005203	.0002787	.004729	.026484	.001697
%RSD	2.890384	1.456215	.1335503	1.352649	.0900127	.3565618	67.73841

#1	2.153126	.2148078	.3890242	.0203057	5.248533	7.400359	-.001052
#2	2.052904	.2186142	.3897852	.0208584	5.253437	7.453267	-.002093
#3	2.164398	.2211174	.3900195	.0206443	5.257988	7.428989	-.004369

Sample Name: K4410-22 Acquired: 08/23/2019 19:25:31 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW4D-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000123	-.004025	.2431908
Stddev	.000554	.000477	.0001268
%RSD	450.2559	11.85967	.0521544

#1	.000511	-.004119	.2430583
#2	-.000509	-.003507	.2433111
#3	-.000371	-.004448	.2432029

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1429.648	2400.246	30181.61	4731.224	2621.043
Stddev	5.679	5.977	135.04	1.818	5.605
%RSD	.3972020	.2490248	.4474243	.0384200	.2138310

#1	1423.157	2404.853	30032.67	4732.771	2622.074
#2	1433.697	2402.393	30216.07	4729.222	2626.061
#3	1432.090	2393.492	30296.07	4731.679	2614.995

Sample Name: CCV09 Acquired: 08/23/2019 19:37:01 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	5.102413	4.935880	5.046550	5.010483	5.025080	10.23227	10.51756
Stddev	.005699	.007907	.000935	.011896	.009492	.03622	.04237
%RSD	.1116832	.1602004	.0185331	.2374137	.1888856	.3539810	.4028888

#1	5.108913	4.936966	5.046282	5.017644	5.017650	10.19345	10.53296
#2	5.100048	4.943188	5.047590	4.996752	5.021819	10.26516	10.55007
#3	5.098277	4.927486	5.045778	5.017055	5.035773	10.23821	10.46963

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2674652	2.532112	25.54171	1.031783	2.528245	1.267098	4.672053
Stddev	.0020565	.001711	.07956	.001235	.001884	.009773	.020522
%RSD	.7688785	.0675776	.3114926	.1197268	.0745116	.7712791	.4392577

#1	.2698372	2.530163	25.54941	1.033137	2.526993	1.255833	4.661428
#2	.2663767	2.533369	25.61715	1.030718	2.527330	1.272151	4.695710
#3	.2661818	2.532803	25.45859	1.031494	2.530411	1.273310	4.659022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.328364	24.03850	2.534574	1.266428	26.88165	2.439739	2.566203
Stddev	.006565	.12073	.003766	.009824	.24037	.010618	.007333
%RSD	.2819543	.5022540	.1486001	.7757145	.8941944	.4352173	.2857529

#1	2.329153	23.92027	2.536117	1.261081	26.96186	2.433983	2.564220
#2	2.334499	24.16159	2.530280	1.277765	27.07167	2.451992	2.560065
#3	2.321440	24.03364	2.537323	1.260437	26.61143	2.433242	2.574324

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.29985	5.267353	5.245573	5.094908	4.992554	5.252884	5.102705
Stddev	.14883	.015420	.032558	.003776	.014830	.024957	.005047
%RSD	.5659054	.2927520	.6206676	.0741147	.2970333	.4751063	.0989019

#1	26.14236	5.280583	5.282389	5.091988	5.002654	5.281685	5.099657
#2	26.43817	5.250418	5.233757	5.093564	4.999480	5.237629	5.099929
#3	26.31902	5.271059	5.220574	5.099172	4.975529	5.239339	5.108531

Sample Name: CCV09 Acquired: 08/23/2019 19:37:01 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.014860	5.171589	5.088482
Stddev	.021852	.046144	.105548
%RSD	.4357534	.8922628	2.074261

#1	4.998971	5.205676	5.190564
#2	5.039780	5.190011	4.979779
#3	5.005829	5.119079	5.095103

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1327.519	2232.773	28458.49	4489.661	2463.414
Stddev	5.400	6.771	115.46	44.109	7.054
%RSD	.4067498	.3032531	.4057220	.9824598	.2863469

#1	1323.659	2226.313	28473.71	4439.918	2456.530
#2	1325.209	2239.817	28336.17	4505.054	2470.626
#3	1333.690	2232.188	28565.58	4524.011	2463.086

Sample Name: K4410-01DUP Acquired: 08/23/2019 19:33:12 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW9-062-1DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167633	.0042352	.0307239	.0021963	-.003793	.0635804	.3224465
Stddev	.0027250	.0013969	.0028129	.0008605	.002095	.0039997	.0018574
%RSD	16.25567	32.98203	9.155518	39.18054	55.23285	6.290717	.5760438

#1	.0136966	.0034687	.0322474	.0031887	-.005110	.0613392	.3207898
#2	.0189067	.0058475	.0274778	.0016580	-.001377	.0681982	.3220952
#3	.0176866	.0033895	.0324464	.0017421	-.004893	.0612039	.3244545

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000704	.0001605	152.0142	.0043343	-.001400	-.002342	1.703752
Stddev	.0000430	.0000512	.8530	.0003300	.000252	.000910	.013210
%RSD	61.12774	31.86478	.5611148	7.614348	18.02731	38.87363	.7753198

#1	.0000759	.0001660	151.1535	.0046592	-.001242	-.003281	1.688500
#2	.0001103	.0001069	152.0298	.0039994	-.001268	-.002280	1.711197
#3	.0000249	.0002087	152.8592	.0043442	-.001692	-.001464	1.711558

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099344	61.16147	.0011063	.0001956	56.69180	.0035567	.0161268
Stddev	.0005409	.44195	.0002342	.0000600	.36403	.0017241	.0005013
%RSD	5.444366	.7225953	21.16747	30.65968	.6421293	48.47365	3.108242

#1	.0094423	60.67148	.0012421	.0002457	56.28549	.0055442	.0157349
#2	.0105135	61.28294	.0008359	.0002120	56.80163	.0026624	.0166916
#3	.0098474	61.52998	.0012408	.0001292	56.98827	.0024636	.0159540

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.836489	.0741624	.3834105	.0006803	28.76502	27.93972	-.004688
Stddev	.090159	.0032022	.0039768	.0005283	.12147	.18631	.000924
%RSD	4.909333	4.317867	1.037206	77.66226	.4222839	.6668392	19.70029

#1	1.940073	.0777113	.3835795	.0005630	28.90528	27.89564	-.004339
#2	1.793720	.0714889	.3793519	.0002205	28.69351	27.77941	-.005735
#3	1.775674	.0732870	.3873001	.0012574	28.69628	28.14413	-.003989

Sample Name: K4410-01DUP Acquired: 08/23/2019 19:33:12 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MW9-062-1DUP Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003526	.0116293	2.303860
Stddev	.000407	.0006678	.007350
%RSD	11.55584	5.742074	.3190161

#1	-.003997	.0108754	2.296434
#2	-.003288	.0118661	2.304014
#3	-.003294	.0121464	2.311131

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1408.087	2355.541	30130.39	4727.204	2555.414
Stddev	7.424	8.334	101.20	20.541	4.297
%RSD	.5272720	.3537933	.3358868	.4345370	.1681528

#1	1413.359	2365.019	30013.70	4741.369	2558.355
#2	1399.596	2352.240	30194.17	4736.598	2557.403
#3	1411.305	2349.363	30183.30	4703.645	2550.483

Sample Name: K4410-01LX5 Acquired: 08/23/2019 19:44:33 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0036673	.0046201	.0066342	.0001541	.0010019	.0309850	.0677787
Stddev	.0038605	.0041871	.0011629	.0011653	.0008354	.0016124	.0003408
%RSD	105.2664	90.62850	17.52835	756.0496	83.37741	5.203948	.5027745

#1	.0072858	.0057973	.0053261	-.000268	.0002747	.0313262	.0681146
#2	-.000396	-.000030	.0075508	.001472	.0019143	.0292292	.0677882
#3	.004113	.008093	.0070257	-.000742	.0008167	.0323994	.0674332

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000004	.0001087	31.80577	.0009234	-.000780	-.003010	.3439576
Stddev	.000040	.0000071	.14664	.0004456	.000094	.002459	.0091921
%RSD	895.9904	6.547065	.4610574	48.25192	12.01950	81.67808	2.672458

#1	.000025	.0001040	31.88015	.0007423	-.000842	-.005380	.3345433
#2	.000011	.0001169	31.90031	.0005969	-.000672	-.000471	.3444194
#3	-.000049	.0001053	31.63684	.0014310	-.000826	-.003180	.3529102

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019439	12.63514	.0002517	.0000480	11.90921	-.002253	.0037854
Stddev	.0003017	.05417	.0003197	.0004823	.22421	.003021	.0001576
%RSD	15.51894	.4287341	127.0124	1005.121	1.882642	134.0687	4.163484

#1	.0018653	12.69768	.0005987	-.000509	11.68446	.000543	.0036819
#2	.0022771	12.60439	.0001876	.000342	11.91029	-.001845	.0039668
#3	.0016894	12.60333	-.000031	.000310	12.13287	-.005457	.0037074

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5071786	.0177947	.0839964	.0000821	6.003092	5.851236	-.001614
Stddev	.0221976	.0005394	.0019087	.0001068	.012976	.059190	.001350
%RSD	4.376681	3.031201	2.272377	130.1956	.2161533	1.011580	83.68214

#1	.4885125	.0171844	.0845407	.0000588	5.989685	5.887978	-.002931
#2	.5012992	.0182074	.0855738	.0001986	6.015589	5.882775	-.001678
#3	.5317239	.0179923	.0818746	-.000011	6.004002	5.782955	-.000232

Sample Name: K4410-01LX5 Acquired: 08/23/2019 19:44:33 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	-.002109	.0028889	.4774327
Stddev	.000492	.0007821	.0026518
%RSD	23.32229	27.07321	.5554266

#1	-.001684	.0022067	.4748771
#2	-.002648	.0027176	.4772499
#3	-.001995	.0037426	.4801712

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1385.458	2290.902	29248.78	4592.356	2469.073
Stddev	7.793	2.831	185.91	63.964	3.518
%RSD	.5624501	.1235553	.6356014	1.392842	.1424768

#1	1383.495	2287.951	29046.35	4547.194	2465.087
#2	1378.835	2293.594	29288.13	4564.324	2470.391
#3	1394.044	2291.161	29411.86	4665.551	2471.742

Sample Name: CCB09 Acquired: 08/23/2019 19:40:39 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	-.000632	.0018557	-.000923	-.000449	-.000963	.0053925	.0007597
Stddev	.004681	.0022303	.000982	.001604	.000448	.0091813	.0006875
%RSD	741.2223	120.1869	106.3253	356.8891	46.53466	170.2587	90.49828

#1	-.000060	.0013243	.000209	-.002210	-.001014	.0074480	.0015456
#2	-.005572	-.000061	-.001536	.000929	-.001383	-.004642	.0002692
#3	.003737	.004304	-.001443	-.000068	-.000491	.013372	.0004644

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000467	-.000034	.0076503	-.000329	.0003104	-.000670	-.011969
Stddev	.0000623	.000024	.0017996	.000454	.0002662	.001445	.003395
%RSD	133.3116	69.20544	23.52253	138.2120	85.76548	215.7169	28.36638

#1	.0000517	-.000048	.0086282	.000142	.0005150	.000723	-.015796
#2	-.000018	-.000048	.0087492	-.000363	.0000094	-.002162	-.009319
#3	.000106	-.000007	.0055736	-.000764	.0004067	-.000570	-.010792

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000299	-.012200	.0003233	-.000088	.3285793	-.000125	.0006541
Stddev	.000154	.027333	.0006925	.000331	.2096862	.000911	.0003082
%RSD	51.56634	224.0409	214.2071	376.6970	63.81602	728.5233	47.11092

#1	-.000218	.008760	-.000152	.000224	.4962625	.000562	.0009733
#2	-.000203	-.002245	.001118	-.000052	.3959993	.000222	.0003583
#3	-.000477	-.043114	.000004	-.000435	.0934761	-.001159	.0006308

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1625608	.0019252	.0107960	.0006132	-.006905	.0058982	.0013477
Stddev	.0398410	.0007675	.0008478	.0000940	.001507	.0007491	.0008668
%RSD	24.50840	39.86625	7.853257	15.33260	21.82376	12.70139	64.31895

#1	.1532974	.0028077	.0117558	.0005209	-.007146	.0067626	.0019299
#2	.1281675	.0015539	.0104829	.0006098	-.008277	.0054383	.0017617
#3	.2062175	.0014140	.0101491	.0007088	-.005292	.0054936	.0003515

Sample Name: CCB09 Acquired: 08/23/2019 19:40:39 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002410	.0024340	.0002318
Stddev	.0007085	.0004752	.0000641
%RSD	293.9616	19.52376	27.63603

#1	-.000344	.0021120	.0003041
#2	.000038	.0022102	.0002093
#3	.001029	.0029798	.0001821

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1364.497	2266.615	29017.68	4558.797	2408.896
Stddev	11.219	2.016	192.86	54.942	2.251
%RSD	.8222152	.0889503	.6646445	1.205186	.0934476

#1	1363.551	2268.870	29001.93	4505.020	2410.935
#2	1353.781	2264.985	28833.17	4556.537	2409.272
#3	1376.159	2265.991	29217.93	4614.834	2406.480

Sample Name: K4410-01MS Acquired: 08/23/2019 19:48:23 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW9-062-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8577004	2.126467	1.100185	2.123610	.8386455	2.274302	.5548633
Stddev	.0042200	.007885	.001547	.002699	.0013150	.014783	.0036663
%RSD	.4920177	.3707925	.1405864	.1271058	.1568046	.6499988	.6607589

#1	.8614669	2.122457	1.100471	2.125202	.8389598	2.257848	.5512940
#2	.8531397	2.121393	1.098515	2.125134	.8397750	2.278594	.5546765
#3	.8584946	2.135551	1.101569	2.120493	.8372018	2.286463	.5586194

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2281402	.2128483	160.7274	.4252234	.2088572	.3110868	4.834820
Stddev	.0002301	.0004159	.8649	.0017107	.0001843	.0012744	.020147
%RSD	.1008597	.1954180	.5381018	.4022970	.0882320	.4096438	.4167063

#1	.2279234	.2125285	159.8529	.4232952	.2086780	.3096184	4.811753
#2	.2281157	.2126980	160.7470	.4258163	.2088474	.3117393	4.843742
#3	.2283816	.2133186	161.5824	.4265587	.2090462	.3119028	4.848966

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2051084	66.07143	.5255894	.0788956	63.05869	.3207142	.2297727
Stddev	.0017004	.42935	.0010495	.0004070	.26624	.0041504	.0006551
%RSD	.8290060	.6498299	.1996759	.5159245	.4222155	1.294109	.2850926

#1	.2031731	65.63847	.5248030	.0790712	62.77376	.3160968	.2299828
#2	.2057893	66.07873	.5251842	.0791853	63.10116	.3241345	.2290384
#3	.2063627	66.49708	.5267811	.0784302	63.30115	.3219113	.2302969

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.21514	6.766080	.7208550	.3989362	29.57971	30.13256	.7244717
Stddev	.00758	.003542	.0010675	.0004862	.08534	.09422	.0040362
%RSD	.0573900	.0523533	.1480932	.1218615	.2884955	.3126998	.5571256

#1	13.21162	6.769353	.7210552	.3994949	29.50979	30.05295	.7229629
#2	13.20995	6.762319	.7218083	.3987048	29.55454	30.23659	.7214073
#3	13.22384	6.766568	.7197015	.3986090	29.67480	30.10813	.7290450

Sample Name: K4410-01MS Acquired: 08/23/2019 19:48:23 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW9-062-1MS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1975690	.1283578	2.620295
Stddev	.0022181	.0017983	.005413
%RSD	1.122722	1.401037	.2065988

#1	.1950201	.1269248	2.614861
#2	.1986261	.1277728	2.620336
#3	.1990609	.1303758	2.625688

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1413.552	2363.126	30131.57	4647.703	2566.921
Stddev	3.581	1.325	63.09	6.507	1.546
%RSD	.2533224	.0560696	.2093815	.1400065	.0602268

#1	1414.167	2361.908	30166.25	4654.766	2568.194
#2	1416.785	2362.933	30058.75	4646.389	2567.368
#3	1409.703	2364.537	30169.72	4641.952	2565.200

Sample Name: K4410-01MSD Acquired: 08/23/2019 19:51:59 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW9-062-1MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8590121	2.126701	1.093027	2.125791	.8393589	2.239970	.5525033
Stddev	.0011147	.002191	.002483	.005550	.0013101	.017153	.0057733
%RSD	.1297622	.1030177	.2271328	.2610966	.1560776	.7657859	1.044942

#1	.8578567	2.127508	1.093469	2.119979	.8407258	2.242655	.5517291
#2	.8600810	2.124222	1.095260	2.126356	.8381143	2.221633	.5471561
#3	.8590986	2.128375	1.090354	2.131037	.8392364	2.255623	.5586246

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2288257	.2120109	159.6699	.4229286	.2072232	.3089110	4.797016
Stddev	.0022309	.0005025	1.5890	.0007907	.0003235	.0027948	.034281
%RSD	.9749506	.2370088	.9951579	.1869516	.1561022	.9047405	.7146313

#1	.2308109	.2114375	160.2132	.4236009	.2074021	.3065749	4.812893
#2	.2264114	.2123746	157.8806	.4220575	.2074178	.3081507	4.757675
#3	.2292549	.2122206	160.9160	.4231274	.2068498	.3120073	4.820481

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2041439	65.60102	.5235036	.0785124	62.65909	.3147953	.2294141
Stddev	.0013738	.52972	.0013401	.0005612	.51830	.0053774	.0010912
%RSD	.6729479	.8074905	.2559890	.7147780	.8271816	1.708235	.4756654

#1	.2054930	65.61267	.5221116	.0791549	62.58860	.3209913	.2283388
#2	.2027467	65.06557	.5236144	.0781184	62.17964	.3113440	.2305207
#3	.2041919	66.12482	.5247849	.0782638	63.20904	.3120508	.2293829

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.11100	6.750552	.7268467	.3973573	29.64227	30.30109	.7221528
Stddev	.13675	.008489	.0080231	.0008798	.05766	.30481	.0019493
%RSD	1.043003	.1257585	1.103819	.2214230	.1945132	1.005930	.2699265

#1	13.02666	6.759851	.7332920	.3965648	29.59386	30.58048	.7215500
#2	13.03757	6.743215	.7178610	.3983041	29.62689	29.97602	.7205762
#3	13.26878	6.748591	.7293871	.3972031	29.70605	30.34676	.7243323

Sample Name: K4410-01MSD Acquired: 08/23/2019 19:51:59 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW9-062-1MSD Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1932095	.1279384	2.611105
Stddev	.0019018	.0018751	.016807
%RSD	.9842977	1.465657	.6436799

#1	.1916920	.1274508	2.594081
#2	.1925936	.1263552	2.611548
#3	.1953428	.1300091	2.627687

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1412.454	2353.572	30222.34	4621.931	2558.750
Stddev	6.257	1.860	12.12	50.465	3.349
%RSD	.4429584	.0790243	.0401007	1.091858	.1308918

#1	1419.656	2353.793	30217.98	4589.118	2561.736
#2	1409.344	2355.312	30213.00	4680.041	2559.386
#3	1408.362	2351.612	30236.04	4596.634	2555.128

Sample Name: K4410-01A Acquired: 08/23/2019 19:55:35 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA8506 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8497576	2.111446	1.088967	2.114899	.8355967	2.239041	.5502665
Stddev	.0015029	.006839	.003257	.005425	.0022810	.009206	.0046310
%RSD	.1768607	.3238940	.2990749	.2565014	.2729790	.4111696	.8415895

#1	.8483784	2.108034	1.086741	2.108741	.8362595	2.228554	.5449816
#2	.8513594	2.119319	1.092705	2.116986	.8374729	2.242778	.5522029
#3	.8495350	2.106984	1.087454	2.118971	.8330577	2.245791	.5536149

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2273272	.2107288	159.3246	.4246702	.2068037	.3106037	4.785901
Stddev	.0013734	.0004719	1.1440	.0004804	.0007792	.0010551	.045273
%RSD	.6041485	.2239481	.7180119	.1131232	.3768027	.3396792	.9459705

#1	.2277813	.2106989	158.1233	.4243956	.2065318	.3093976	4.734629
#2	.2257843	.2112149	159.4493	.4243900	.2076825	.3110580	4.802706
#3	.2284161	.2102725	160.4010	.4252248	.2061969	.3113556	4.820369

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2029762	65.46152	.5225883	.0785522	62.72710	.3144118	.2290891
Stddev	.0016853	.61631	.0012618	.0003353	.51550	.0041741	.0013668
%RSD	.8302969	.9414846	.2414506	.4268073	.8218102	1.327593	.5966232

#1	.2011040	64.81106	.5233591	.0789194	62.23625	.3100418	.2275208
#2	.2043721	65.53674	.5232737	.0782624	62.68093	.3148360	.2297205
#3	.2034524	66.03677	.5211322	.0784748	63.26414	.3183576	.2300261

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.01024	6.758761	.7233810	.3951452	29.41216	30.15069	.7170370
Stddev	.15867	.023891	.0052962	.0009936	.10339	.16285	.0029314
%RSD	1.219550	.3534751	.7321408	.2514630	.3515323	.5401072	.4088274

#1	12.91946	6.731210	.7231218	.3948613	29.34646	30.15460	.7139435
#2	12.91781	6.773748	.7182192	.3943244	29.53134	29.98592	.7197738
#3	13.19345	6.771325	.7288020	.3962499	29.35868	30.31154	.7173936

Sample Name: K4410-01A Acquired: 08/23/2019 19:55:35 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA8506 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1930721	.1283172	2.615186
Stddev	.0011649	.0015546	.012982
%RSD	.6033670	1.211562	.4964047

#1	.1922407	.1265574	2.602795
#2	.1925721	.1288901	2.614076
#3	.1944036	.1295041	2.628687

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1411.446	2340.666	30080.02	4634.764	2545.527
Stddev	9.660	6.200	228.70	3.930	6.211
%RSD	.6843999	.2648663	.7603099	.0847837	.2440148

#1	1416.805	2347.616	30212.37	4635.728	2550.463
#2	1400.295	2335.704	29815.94	4638.122	2538.552
#3	1417.239	2338.679	30211.75	4630.442	2547.565

Sample Name: K4410-02 Acquired: 08/23/2019 19:59:11 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW1-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068935	.0147594	.0345743	.0015122	.0002710	.9601670
Stddev	.0018303	.0020735	.0015128	.0018024	.0025385	.0081518
%RSD	26.55159	14.04893	4.375386	119.1944	936.6120	.8490018

#1	.0064114	.0128561	.0363179	.0028571	.0014169	.9666487
#2	.0053525	.0169691	.0337943	-.000536	-.002638	.9510149
#3	.0089166	.0144531	.0336108	.002215	.002035	.9628373

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4852132	-.000105	.0015007	389.4697	.0257243	.0489761
Stddev	.0019117	.000018	.0000283	1.1052	.0005981	.0003824
%RSD	.3939937	17.38653	1.885269	.2837803	2.324938	.7807059

#1	.4830061	-.000084	.0015019	388.5459	.0250434	.0488097
#2	.4863512	-.000116	.0015284	390.6941	.0259646	.0487052
#3	.4862823	-.000115	.0014718	389.1690	.0261648	.0494135

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0526130	2.302990	7.039969	134.0424	.0423072	.0000576
Stddev	.0012322	.006150	.018706	.3443	.0004355	.0002638
%RSD	2.341938	.2670605	.2657138	.2568938	1.029280	458.0021

#1	.0523223	2.310083	7.030834	134.1679	.0427293	.0000514
#2	.0515522	2.299133	7.027586	133.6530	.0423329	.0003244
#3	.0539645	2.299755	7.061488	134.3065	.0418595	-.000203

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1414.330	.0010525	.2183393	11.11198	.1330059	3.067738
Stddev	5.266	.0030174	.0010913	.06514	.0008144	.017254
%RSD	.3723026	286.6798	.4998286	.5861915	.6123010	.5624333

#1	1416.672	.0044104	.2175520	11.09468	.1328432	3.058464
#2	1418.019	-.001432	.2178807	11.05725	.1338893	3.087646
#3	1408.300	.000179	.2195850	11.18403	.1322851	3.057104

Sample Name: K4410-02 Acquired: 08/23/2019 19:59:11 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW1-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024151	27.79207	22.36669	-.006495	.0300031	.0092066
Stddev	.0002409	.06631	.13901	.000992	.0017258	.0003423
%RSD	9.975505	.2385843	.6215050	15.27700	5.751998	3.718191

#1	.0021483	27.78513	22.27452	-.007185	.0282718	.0089957
#2	.0026167	27.72950	22.52659	-.006942	.0300141	.0096016
#3	.0024803	27.86157	22.29898	-.005358	.0317233	.0090226

Elem	Sr4077
Units	ppm
Avg	2.733865
Stddev	.018760
%RSD	.6861967

#1	2.755527
#2	2.723044
#3	2.723025

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1368.066	2350.680	29356.11	4701.463	2436.534
Stddev	3.428	9.441	110.26	27.489	11.320
%RSD	.2505606	.4016479	.3755831	.5846882	.4645768

#1	1364.522	2361.372	29237.19	4704.393	2447.841
#2	1371.364	2347.180	29376.19	4672.627	2436.559
#3	1368.311	2343.488	29454.95	4727.370	2425.202

Sample Name: K4410-05 Acquired: 08/23/2019 20:10:35 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW10M-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048446	.0039347	.0207402	-.002205	-.001822	.0369314	.1160954
Stddev	.0030077	.0009320	.0018152	.001048	.002397	.0037414	.0017782
%RSD	62.08307	23.68750	8.752230	47.52981	131.5615	10.13061	1.531691

#1	.0015492	.0029631	.0227908	-.003010	-.000711	.0411124	.1140931
#2	.0074417	.0040197	.0193388	-.002587	-.000182	.0338990	.1174904
#3	.0055431	.0048213	.0200910	-.001020	-.004572	.0357827	.1167028

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000166	.0001687	74.80039	.0011462	-.001532	-.003549	.2571977
Stddev	.0000301	.0000402	1.25900	.0003557	.000236	.002845	.0117185
%RSD	181.0210	23.80458	1.683153	31.03054	15.43193	80.17341	4.556236

#1	.0000254	.0002025	73.34806	.0015524	-.001739	-.001020	.2482912
#2	.0000414	.0001243	75.47060	.0009958	-.001274	-.006630	.2704731
#3	-.000017	.0001794	75.58253	.0008905	-.001583	-.002997	.2528288

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.038561	22.81437	.0008156	.0002114	79.67560	.0001529	.0140602
Stddev	.019641	.43621	.0003760	.0002483	1.08583	.0020593	.0002596
%RSD	1.891194	1.911977	46.10025	117.4799	1.362808	1346.963	1.846362

#1	1.015906	22.31092	.0011276	-.000035	78.44927	-.001005	.0139105
#2	1.048970	23.07949	.0003981	.000207	80.06270	.002530	.0143600
#3	1.050807	23.05270	.0009211	.000462	80.51483	-.001067	.0139101

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.414283	.4483645	.2182866	.0166510	10.08660	19.07831	-.004797
Stddev	.109939	.0034760	.0019739	.0003490	.01238	.18545	.001031
%RSD	7.773484	.7752555	.9042451	2.095702	.1227788	.9720498	21.50246

#1	1.321118	.4511893	.2168221	.0165916	10.09904	18.90880	-.004212
#2	1.535544	.4494215	.2205313	.0170258	10.07428	19.27639	-.005988
#3	1.386188	.4444827	.2175064	.0163356	10.08648	19.04974	-.004191

Sample Name: K4410-05 Acquired: 08/23/2019 20:10:35 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW10M-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001854	.0073651	.4523261
Stddev	.000429	.0004185	.0085066
%RSD	23.13807	5.682777	1.880627

#1	-.002191	.0073000	.4427247
#2	-.001999	.0069829	.4589215
#3	-.001371	.0078124	.4553322

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1436.405	2393.242	30372.98	4779.074	2599.778
Stddev	3.928	3.721	106.75	38.396	9.469
%RSD	.2734853	.1554589	.3514738	.8034202	.3642222

#1	1432.032	2390.344	30361.26	4811.744	2591.725
#2	1437.547	2397.438	30485.11	4736.782	2610.209
#3	1439.636	2391.945	30272.57	4788.695	2597.398

Sample Name: K4410-03 Acquired: 08/23/2019 20:02:58 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW2S-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011975	.0071562	.0178054	-.000029	-.002307	.0373531	.1099357
Stddev	.0024062	.0026395	.0009532	.001058	.000464	.0064436	.0011657
%RSD	200.9357	36.88481	5.353433	3691.079	20.09284	17.25039	1.060375

#1	-.000375	.0085133	.0175664	-.000695	-.002127	.0300325	.1086937
#2	-.000000	.0088410	.0169945	.001192	-.002834	.0398619	.1101074
#3	.003968	.0041142	.0188554	-.000583	-.001961	.0421649	.1110061

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000138	.0002896	35.50909	.0006031	.1354805	.0020287	11.53800
Stddev	.000010	.0000879	.18629	.0002727	.0003651	.0016761	.08262
%RSD	7.509675	30.36280	.5246332	45.22648	.2694959	82.61806	.7160284

#1	-.000138	.0002341	35.29710	.0004123	.1352486	.0030195	11.44361
#2	-.000148	.0002437	35.58347	.0009155	.1359013	.0029731	11.57321
#3	-.000128	.0003909	35.64671	.0004815	.1352914	.0000935	11.59718

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.693157	14.04787	.0227848	-.000256	142.7261	-.003075	.0125447
Stddev	.036356	.04103	.0004899	.000175	.3025	.003444	.0002517
%RSD	.6385977	.2920540	2.150141	68.09825	.2119729	112.0060	2.006690

#1	5.652737	14.00458	.0223623	-.000072	142.3831	-.006277	.0124450
#2	5.703547	14.08617	.0226702	-.000420	142.9548	.000568	.0128310
#3	5.723188	14.05287	.0233218	-.000277	142.8405	-.003515	.0123581

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7673022	.0575156	.1118804	-.000792	7.275194	16.81946	-.003163
Stddev	.1245590	.0014668	.0008453	.000372	.036669	.19811	.001013
%RSD	16.23337	2.550316	.7555486	46.95326	.5040335	1.177887	32.02303

#1	.7494106	.0558539	.1125884	-.001181	7.287887	17.04036	-.004003
#2	.6526565	.0586307	.1121082	-.000754	7.233864	16.76049	-.002038
#3	.8998396	.0580620	.1109445	-.000440	7.303830	16.65752	-.003448

Sample Name: K4410-03 Acquired: 08/23/2019 20:02:58 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MW2S-062-1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000743	-.002122	.2803576
Stddev	.000550	.000756	.0020315
%RSD	74.03718	35.64696	.7246042

#1	-.000440	-.001249	.2781431
#2	-.000411	-.002529	.2807949
#3	-.001378	-.002588	.2821348

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1449.218	2426.831	30635.27	4807.881	2640.349
Stddev	5.601	8.008	172.99	39.063	6.534
%RSD	.3864656	.3299689	.5646917	.8124707	.2474667

#1	1455.620	2435.771	30788.07	4765.180	2647.884
#2	1445.222	2420.317	30670.29	4816.646	2636.923
#3	1446.812	2424.403	30447.44	4841.816	2636.242

Sample Name: K4410-06 Acquired: 08/23/2019 20:14:26 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW10M-062-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029768	.0041142	.0218170	-.000434	-.002384	.0484896	.1162635
Stddev	.0011316	.0030424	.0009809	.001399	.001835	.0077790	.0009662
%RSD	38.01492	73.95043	4.495839	322.4633	76.95857	16.04265	.8310695

#1	.0029796	.0074944	.0207137	-.001952	-.001202	.0396002	.1169449
#2	.0018438	.0015952	.0221472	-.000154	-.004498	.0518178	.1151577
#3	.0041071	.0032529	.0225902	.000804	-.001452	.0540509	.1166879

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000047	.0000833	74.99434	.0012814	-.001362	-.001547	.2798196
Stddev	.000034	.0000697	.52586	.0007691	.000199	.002943	.0157804
%RSD	72.93018	83.58416	.7011943	60.02027	14.60611	190.2792	5.639492

#1	-.000016	.0001197	74.88522	.0013915	-.001494	-.000248	.2936637
#2	-.000040	.0001273	74.53161	.0004632	-.001134	-.004916	.2626371
#3	-.000084	.0000030	75.56620	.0019896	-.001459	.000524	.2831580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.043648	22.77732	.0007391	.0001390	79.78991	-.000073	.0117617
Stddev	.006441	.16531	.0002180	.0003627	.33914	.002273	.0004267
%RSD	.6171826	.7257483	29.50031	260.9401	.4250407	3104.522	3.628273

#1	1.043885	22.79116	.0005608	-.000011	79.39998	.001303	.0122308
#2	1.037091	22.60553	.0009822	.000553	79.95355	.001174	.0116580
#3	1.049967	22.93528	.0006742	-.000125	80.01620	-.002697	.0113964

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.422891	.4481619	.2170262	.0169578	10.01095	19.01378	-.005492
Stddev	.075447	.0012462	.0012793	.0007356	.02088	.02577	.001096
%RSD	5.302367	.2780750	.5894688	4.337835	.2085300	.1355487	19.96053

#1	1.429371	.4485390	.2155723	.0161139	10.01860	19.01432	-.006456
#2	1.494889	.4467706	.2179796	.0172962	9.98733	18.98774	-.005721
#3	1.344413	.4491760	.2175266	.0174634	10.02691	19.03928	-.004300

Sample Name: K4410-06 Acquired: 08/23/2019 20:14:26 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW10M-062-2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001341	.0080467	.4544275
Stddev	.000605	.0006029	.0013121
%RSD	45.12691	7.492588	.2887397

#1	-.001734	.0082689	.4545542
#2	-.001647	.0085069	.4530566
#3	-.000644	.0073642	.4556716

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1427.932	2375.479	30296.08	4755.842	2580.058
Stddev	6.213	5.078	195.67	16.735	.993
%RSD	.4351043	.2137519	.6458721	.3518730	.0384949

#1	1433.017	2379.092	30505.88	4741.574	2578.913
#2	1421.007	2369.673	30118.53	4774.262	2580.692
#3	1429.773	2377.671	30263.85	4751.690	2580.568

Sample Name: K4410-07 Acquired: 08/23/2019 20:18:16 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW11M-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084916	.0047820	.0281487	-.000184	-.002049	.0731833	.7485992
Stddev	.0018778	.0027816	.0021977	.000377	.000258	.0124726	.0122098
%RSD	22.11398	58.16897	7.807544	205.5356	12.60216	17.04291	1.631016

#1	.0066120	.0015801	.0256331	-.000496	-.002062	.0600640	.7476149
#2	.0103677	.0061630	.0291167	.000236	-.001785	.0745972	.7369113
#3	.0084951	.0066028	.0296962	-.000290	-.002301	.0848886	.7612713

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001229	.0000725	161.6460	.0010655	-.001602	-.003824	.3965514
Stddev	.0000174	.0000467	2.3942	.0004823	.000450	.001822	.0081850
%RSD	14.15775	64.51498	1.481153	45.27018	28.07043	47.65375	2.064047

#1	.0001032	.0000478	161.5978	.0014967	-.001107	-.002504	.3933936
#2	.0001361	.0000432	159.2763	.0011551	-.001986	-.005903	.3904156
#3	.0001293	.0001264	164.0640	.0005446	-.001712	-.003064	.4058449

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080083	59.70615	.0001079	.0002346	63.80168	.0047622	.0119823
Stddev	.0003230	.97205	.0008350	.0002928	.95860	.0010559	.0002710
%RSD	4.033295	1.628050	774.0922	124.8208	1.502461	22.17282	2.262005

#1	.0083385	59.56158	-.000488	-.000028	64.07713	.0035455	.0120204
#2	.0076930	58.81449	.001062	.000182	62.73552	.0053026	.0116942
#3	.0079934	60.74239	-.000251	.000550	64.59240	.0054386	.0122323

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.277259	.0696143	.3209383	.0001621	17.16527	24.15687	-.005931
Stddev	.085664	.0005589	.0064701	.0003569	.03953	.51298	.001886
%RSD	3.761697	.8028256	2.016009	220.1421	.2302974	2.123530	31.79063

#1	2.290039	.0702336	.3242270	.0005740	17.12146	24.45241	-.006686
#2	2.185923	.0694620	.3134844	-.000032	17.17608	23.56454	-.003785
#3	2.355814	.0691474	.3251035	-.000056	17.19828	24.45367	-.007323

Sample Name: K4410-07 Acquired: 08/23/2019 20:18:16 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW11M-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004244	.0132883	1.393124
Stddev	.000244	.0001340	.023359
%RSD	5.747610	1.008570	1.676750

#1	-.003966	.0132648	1.380549
#2	-.004425	.0131676	1.378746
#3	-.004340	.0134325	1.420077

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1400.849	2340.557	29849.59	4686.581	2537.266
Stddev	4.352	5.927	257.07	65.460	5.078
%RSD	.3106511	.2532167	.8612182	1.396764	.2001453

#1	1404.159	2344.582	30039.63	4658.377	2538.772
#2	1395.920	2343.338	29557.09	4761.416	2541.421
#3	1402.468	2333.751	29952.04	4639.951	2531.605

Sample Name: CCB10 Acquired: 08/23/2019 20:25:45 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15401 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005897	.0046123	.0010910	.0012317	-.000575	-.003207	.0013350
Stddev	.0014880	.0047351	.0014526	.0017217	.002157	.004992	.0002284
%RSD	252.3252	102.6624	133.1485	139.7751	375.0879	155.6353	17.10865

#1	-.000967	.0057343	.0007372	.0027109	-.001500	-.008444	.0012800
#2	.000738	.0086857	.0026878	-.000658	-.002116	.001496	.0015859
#3	.001998	-.000583	-.000152	.001643	.001890	-.002674	.0011391

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000274	.0000735	.0065611	.0002590	.0002531	-.000946	-.003775
Stddev	.0000141	.0000938	.0117114	.0004238	.0000710	.000848	.008251
%RSD	51.44134	127.6391	178.4979	163.6355	28.03299	89.66874	218.5647

#1	.0000321	.0000333	.0187681	.0004552	.0001869	-.000994	.005433
#2	.0000384	.0000065	.0054970	.0005492	.0002443	-.000075	-.006259
#3	.0000115	.0001808	-.004582	-.000227	.0003280	-.001770	-.010499

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000178	.0004947	.0001799	.0002199	.0502757	-.002460	.0008137
Stddev	.000509	.0161797	.0002577	.0004234	.2156017	.003237	.0001527
%RSD	285.9775	3270.970	143.2672	192.4978	428.8386	131.6090	18.76373

#1	-.000078	-.016255	.0004715	-.000218	-.148201	-.001297	.0008095
#2	.000273	.001702	.0000853	.000252	.019363	.000036	.0006632
#3	-.000729	.016037	-.000017	.000627	.279665	-.006117	.0009685

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1567364	.0014211	.0115243	.0001924	-.008468	.0073538	.0009412
Stddev	.0941748	.0003428	.0002555	.0006865	.001560	.0001001	.0018062
%RSD	60.08483	24.12074	2.217203	356.8465	18.42179	1.360940	191.8970

#1	.0748334	.0017988	.0115228	.0009648	-.008923	.0072507	.0027213
#2	.2596380	.0013346	.0117807	-.000039	-.009750	.0073601	-.000890
#3	.1357378	.0011298	.0112696	-.000348	-.006731	.0074506	.000992

Sample Name: CCB10 Acquired: 08/23/2019 20:25:45 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15401 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000145	.0021236	.0002477
Stddev	.0003187	.0011493	.0000652
%RSD	2195.476	54.12173	26.34243

#1	-.000326	.0008143	.0003047
#2	.000306	.0029659	.0002618
#3	.000063	.0025906	.0001765

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1373.152	2280.642	29110.16	4569.996	2430.276
Stddev	6.792	2.123	67.50	48.503	4.756
%RSD	.4946626	.0931053	.2318648	1.061338	.1956788

#1	1370.741	2279.851	29175.07	4607.219	2426.898
#2	1380.821	2283.048	29040.34	4515.144	2435.714
#3	1367.894	2279.028	29115.08	4587.626	2428.215

Sample Name: CCV10 Acquired: 08/23/2019 20:22:06 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15401 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.023418	4.924037	5.005683	5.003896	4.994584	10.10202	10.33570
Stddev	.011796	.005149	.005420	.022656	.004512	.08492	.07782
%RSD	.2348142	.1045664	.1082738	.4527716	.0903400	.8406727	.7529577

#1	5.019321	4.929508	5.010177	5.025297	4.999774	10.00736	10.24624
#2	5.014217	4.919286	4.999664	4.980165	4.991590	10.12718	10.38781
#3	5.036716	4.923318	5.007207	5.006226	4.992389	10.17153	10.37304

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2634267	2.527681	25.16413	1.014538	2.509033	1.238701	4.569600
Stddev	.0015562	.001467	.23274	.004416	.002012	.006607	.045880
%RSD	.5907678	.0580401	.9248790	.4352578	.0801873	.5333406	1.004031

#1	.2620381	2.527094	24.89585	1.015915	2.507037	1.231369	4.516772
#2	.2651088	2.526599	25.28467	1.018102	2.509002	1.244190	4.599458
#3	.2631332	2.529351	25.31187	1.009598	2.511061	1.240546	4.592571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.265495	23.48080	2.513393	1.253577	26.56195	2.397216	2.530732
Stddev	.025678	.33561	.002848	.008208	.20679	.023650	.012906
%RSD	1.133441	1.429282	.1133295	.6547710	.7785023	.9865586	.5099783

#1	2.236103	23.09716	2.513647	1.253578	26.49166	2.369911	2.517055
#2	2.276810	23.62521	2.510425	1.261784	26.79472	2.410494	2.542696
#3	2.283573	23.72003	2.516105	1.245368	26.39948	2.411243	2.532444

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.03275	5.184472	5.214447	5.025901	4.993016	5.222501	5.038844
Stddev	.21279	.008622	.048171	.007797	.022159	.047335	.014851
%RSD	.8173754	.1663020	.9237930	.1551317	.4438061	.9063599	.2947219

#1	25.81619	5.178904	5.174411	5.031226	5.016023	5.186439	5.041676
#2	26.24155	5.180109	5.267905	5.016951	4.971815	5.276102	5.022781
#3	26.04052	5.194403	5.201023	5.029524	4.991208	5.204962	5.052074

Sample Name: CCV10 Acquired: 08/23/2019 20:22:06 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV15401 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.960743	5.100321	4.987098
Stddev	.036594	.051452	.156942
%RSD	.7376731	1.008791	3.146953

#1	4.918488	5.040982	4.809768
#2	4.982038	5.127459	5.043415
#3	4.981702	5.132523	5.108110

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1341.845	2237.475	28750.34	4542.022	2464.629
Stddev	7.829	7.876	184.32	33.128	3.998
%RSD	.5834764	.3519878	.6410904	.7293762	.1622293

#1	1350.659	2228.548	28751.24	4567.389	2460.013
#2	1335.697	2240.437	28565.57	4504.542	2467.010
#3	1339.178	2243.440	28934.20	4554.135	2466.864

Sample Name: K4410-08 Acquired: 08/23/2019 20:29:39 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW11D-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084296	.0028575	.0214906	-.000546	-.001904	.0631997	.1155140
Stddev	.0020284	.0021983	.0011790	.000786	.000955	.0063372	.0010399
%RSD	24.06311	76.93205	5.485863	144.0074	50.13733	10.02725	.9002659

#1	.0100683	.0041567	.0213134	-.001312	-.002929	.0607263	.1155443
#2	.0061610	.0003193	.0227481	-.000583	-.001040	.0704007	.1165385
#3	.0090595	.0040964	.0204103	.000258	-.001744	.0584723	.1144593

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001108	.0000561	139.0698	.0017115	-.001418	-.003777	1.150239
Stddev	.0000064	.0000776	.8180	.0011354	.000383	.002004	.005260
%RSD	5.779484	138.3396	.5881970	66.33713	27.04404	53.06373	.4572709

#1	.0001050	.0000259	139.0273	.0024473	-.001852	-.004273	1.145661
#2	.0001098	.0001443	139.9082	.0004039	-.001124	-.005488	1.155984
#3	.0001177	-.000002	138.2739	.0022833	-.001278	-.001572	1.149071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0766455	54.03770	.0006307	-.000068	72.21049	.0028900	.0129450
Stddev	.0004862	.26846	.0006301	.000092	.37826	.0017641	.0002152
%RSD	.6343287	.4967978	99.90480	136.5240	.5238350	61.04079	1.662656

#1	.0762851	53.76074	-.000094	.000015	71.80467	.0045347	.0130535
#2	.0771985	54.29676	.000938	-.000167	72.55328	.0031085	.0130844
#3	.0764530	54.05560	.001048	-.000051	72.27353	.0010269	.0126972

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.125741	.0369184	.7515015	.0040950	45.01792	19.96770	-.005432
Stddev	.047841	.0016682	.0138625	.0003301	.14532	.35664	.000672
%RSD	4.249718	4.518698	1.844645	8.060972	.3228156	1.786081	12.37796

#1	1.095123	.0383937	.7637369	.0037197	44.96151	20.30219	-.006207
#2	1.101229	.0372533	.7543220	.0043404	44.90925	20.00848	-.005004
#3	1.180870	.0351081	.7364456	.0042248	45.18299	19.59242	-.005085

Sample Name: K4410-08 Acquired: 08/23/2019 20:29:39 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW11D-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003317	.0127467	3.901843
Stddev	.000648	.0009597	.046964
%RSD	19.54930	7.528765	1.203648

#1	-.002628	.0138428	3.849763
#2	-.003916	.0123399	3.914792
#3	-.003406	.0120575	3.940975

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1407.937	2366.967	29986.09	4725.853	2562.050
Stddev	5.897	6.379	96.31	80.103	6.011
%RSD	.4188284	.2695138	.3211908	1.695002	.2346094

#1	1414.537	2372.971	30063.87	4655.058	2563.136
#2	1403.187	2367.660	29878.36	4709.700	2567.443
#3	1406.085	2360.269	30016.04	4812.802	2555.570

Sample Name: K4410-09 Acquired: 08/23/2019 20:33:38 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW4S-062-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014666	.0010646	-.001253	-.000353	-.003248	.0135904	.0012816
Stddev	.0010045	.0030696	.002215	.001294	.000701	.0154136	.0004303
%RSD	68.49049	288.3459	176.8092	366.0529	21.59723	113.4160	33.57221

#1	.0003840	-.000391	.001192	-.000035	-.002590	.0302324	.0015702
#2	.0016475	.004591	-.003125	.000752	-.003167	-.000195	.0014874
#3	.0023683	-.001006	-.001824	-.001776	-.003986	.010734	.0007871

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000656	.0000348	.0235778	.0002737	.0001336	-.005481	-.013190
Stddev	.0001120	.0000442	.0047597	.0001723	.0003402	.001092	.006824
%RSD	170.7698	127.2950	20.18713	62.95985	254.6418	19.91731	51.73655

#1	-.000039	.0000658	.0207504	.0001000	.0000922	-.006498	-.021025
#2	.000053	-.000016	.0290730	.0004446	.0004926	-.004328	-.008537
#3	.000184	.000054	.0209099	.0002764	-.000184	-.005616	-.010010

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021870	-.005149	.0008244	.0003966	.2478196	-.002649	.0194952
Stddev	.0000927	.012595	.0005119	.0001089	.2649825	.000999	.0001371
%RSD	4.236502	244.6062	62.09195	27.46048	106.9255	37.72354	.7032755

#1	.0021541	-.010223	.0014014	.0005210	.3428625	-.002469	.0194865
#2	.0021152	.009191	.0006466	.0003500	-.051576	-.001753	.0196364
#3	.0022915	-.014415	.0004251	.0003186	.452173	-.003727	.0193626

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.551973	.0021266	.0028661	-.000189	-.003992	.0044820	-.002842
Stddev	.078487	.0008308	.0001784	.000515	.001819	.0004064	.001496
%RSD	14.21941	39.06718	6.225407	272.4598	45.57472	9.067228	52.63721

#1	-.466762	.0020064	.0029469	-.000165	-.004142	.0040405	-.001554
#2	-.567847	.0030110	.0026616	.000314	-.002102	.0045651	-.004484
#3	-.621309	.0013625	.0029899	-.000715	-.005732	.0048405	-.002490

Sample Name: K4410-09 Acquired: 08/23/2019 20:33:38 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW4S-062-3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000032	-.004492	.0002148
Stddev	.0004747	.000541	.0000640
%RSD	14806.60	12.03242	29.82054

#1	-.000532	-.003871	.0002871
#2	.000167	-.004856	.0001919
#3	.000374	-.004749	.0001653

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1469.270	2414.053	30764.77	4771.359	2505.126
Stddev	16.840	.070	287.22	12.194	1.880
%RSD	1.146166	.0028886	.9336056	.2555583	.0750510

#1	1449.943	2413.973	30434.36	4760.853	2506.309
#2	1477.080	2414.101	30905.12	4768.496	2506.111
#3	1480.787	2414.085	30954.83	4784.730	2502.958

Sample Name: K4410-11 Acquired: 08/23/2019 20:41:22 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW4D-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061770	.0032229	.0091472	-.001697	-.002333	.1029485	.0580068
Stddev	.0026852	.0021996	.0004769	.001605	.001968	.0141465	.0005677
%RSD	43.47099	68.24979	5.213278	94.59951	84.38203	13.74131	.9786723

#1	.0072342	.0045610	.0092347	-.003394	-.003919	.1076871	.0581057
#2	.0031241	.0006842	.0086327	-.000203	-.000130	.1141173	.0573962
#3	.0081727	.0044233	.0095743	-.001494	-.002949	.0870410	.0585186

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000989	.0004356	38.08777	.0016653	-.000475	-.003196	.4077081
Stddev	.0000780	.0000208	.32195	.0000419	.000031	.001728	.0051105
%RSD	78.86771	4.781385	.8452935	2.517014	6.416499	54.07365	1.253480

#1	.0000106	.0004442	37.89553	.0017137	-.000497	-.005191	.4022377
#2	.0001585	.0004507	37.90834	.0016402	-.000441	-.002208	.4123601
#3	.0001276	.0004118	38.45946	.0016420	-.000489	-.002187	.4085264

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7829525	5.991983	.0013947	.0001852	150.2665	-.002509	.0129600
Stddev	.0062663	.086721	.0003541	.0003855	.9664	.001382	.0004466
%RSD	.8003387	1.447281	25.39015	208.1130	.6430991	55.08018	3.446061

#1	.7786909	6.007656	.0010975	.0005355	149.1560	-.002036	.0131447
#2	.7800191	5.898495	.0013000	-.000228	150.7271	-.004065	.0132847
#3	.7901474	6.069799	.0017865	.000248	150.9163	-.001425	.0124507

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.228234	.2478253	.4068418	.0216402	5.446278	7.766626	-.001987
Stddev	.044802	.0036209	.0033976	.0001367	.018455	.042976	.001701
%RSD	2.010645	1.461054	.8351045	.6319272	.3388471	.5533458	85.60556

#1	2.202250	.2481160	.4043964	.0215873	5.427243	7.727483	-.000401
#2	2.202486	.2512920	.4054078	.0217955	5.464091	7.759781	-.001777
#3	2.279967	.2440678	.4107213	.0215378	5.447500	7.812614	-.003784

Sample Name: K4410-11 Acquired: 08/23/2019 20:41:22 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW4D-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000822	-.002970	.2518694
Stddev	.001329	.000073	.0020795
%RSD	161.6540	2.465722	.8256156

#1	-.002264	-.002957	.2494725
#2	.000354	-.003049	.2531926
#3	-.000557	-.002904	.2529430

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1429.696	2390.003	30229.65	4711.153	2607.754
Stddev	8.233	4.592	225.75	24.927	7.158
%RSD	.5758713	.1921169	.7467851	.5290974	.2745081

#1	1420.270	2386.168	30179.10	4717.154	2605.981
#2	1435.485	2395.091	30476.39	4732.531	2615.632
#3	1433.331	2388.749	30033.46	4683.774	2601.648

Sample Name: K4410-10 Acquired: 08/23/2019 20:37:32 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW4S-062-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038585	.0071528	.0196259	-.002274	-.003493	.1904636	.1391254
Stddev	.0029803	.0026893	.0033250	.000576	.002372	.0052395	.0005467
%RSD	77.23950	37.59808	16.94169	25.32660	67.90760	2.750911	.3929455

#1	.0028169	.0056912	.0196626	-.002573	-.005959	.1959157	.1388392
#2	.0072198	.0055109	.0162827	-.001610	-.003291	.1854664	.1387813
#3	.0015388	.0102565	.0229323	-.002640	-.001228	.1900087	.1397558

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000026	.0002245	245.2389	.0022313	-.001008	.0021093	.3107558
Stddev	.000058	.0000549	1.7819	.0005825	.000105	.0019032	.0118163
%RSD	223.8173	24.47053	.7265859	26.10469	10.37897	90.22979	3.802428

#1	-.000088	.0002126	244.3446	.0028904	-.000919	.0024456	.3201159
#2	.000027	.0001765	244.0813	.0017860	-.001123	.0038219	.2974784
#3	-.000017	.0002844	247.2908	.0020174	-.000982	.0000603	.3146733

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5972595	123.2065	.0017546	.0002350	677.9537	-.002025	.0293192
Stddev	.0035469	.7530	.0001598	.0002560	3.2154	.004163	.0002145
%RSD	.5938566	.6111345	9.106248	108.8984	.4742772	205.6317	.7316332

#1	.5972533	122.6967	.0018782	.0004777	676.1642	-.006367	.0290740
#2	.5937158	122.8514	.0018113	.0002597	676.0312	.001934	.0294119
#3	.6008095	124.0713	.0015742	-.000032	681.6657	-.001642	.0294718

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.752757	.0205290	.4257070	-.000079	55.41666	18.07926	-.006879
Stddev	.046020	.0009609	.0055165	.000171	.13351	.21844	.000902
%RSD	1.671774	4.680566	1.295836	216.0428	.2409275	1.208245	13.10535

#1	2.707397	.0212315	.4246436	-.000207	55.30608	18.01119	-.007179
#2	2.751464	.0209215	.4207996	.000115	55.56498	17.90296	-.005866
#3	2.799410	.0194340	.4316777	-.000144	55.37891	18.32363	-.007592

Sample Name: K4410-10 Acquired: 08/23/2019 20:37:32 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW4S-062-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004099	.0068595	1.250474
Stddev	.000209	.0010844	.007985
%RSD	5.087582	15.80859	.6385241

#1	-.004087	.0060567	1.242705
#2	-.003897	.0080931	1.250061
#3	-.004314	.0064286	1.258658

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1352.541	2305.757	28951.85	4564.254	2518.404
Stddev	9.042	6.548	160.64	34.025	6.801
%RSD	.6684955	.2839668	.5548582	.7454618	.2700476

#1	1356.570	2301.457	29119.84	4593.599	2518.296
#2	1342.186	2302.521	28799.74	4572.204	2511.658
#3	1358.868	2313.292	28935.97	4526.958	2525.258

Sample Name: K4493-01 Acquired: 08/23/2019 20:48:55 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0102255	-.008816	.6762511	.0179705	.0020790	22.09477	.1227613
Stddev	.0007873	.002754	.0034338	.0014148	.0002202	.18305	.0015765
%RSD	7.699348	31.23699	.5077679	7.872868	10.59244	.8284945	1.284192

#1	.0104998	-.008261	.6787606	.0179486	.0018676	21.89201	.1211493
#2	.0108390	-.006382	.6776548	.0165668	.0023071	22.14441	.1228351
#3	.0093378	-.011805	.6723378	.0193962	.0020621	22.24788	.1242997

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023682	.0021993	2.243819	.2094088	.0388071	.3620082	78.49763
Stddev	.0001441	.0001840	.034854	.0008011	.0002651	.0027874	.56102
%RSD	6.085299	8.366170	1.553331	.3825435	.6830193	.7699936	.7146927

#1	.0025345	.0024114	2.204674	.2085568	.0388951	.3595502	77.90015
#2	.0022883	.0020831	2.255295	.2095230	.0390170	.3614376	78.57958
#3	.0022817	.0021033	2.271488	.2101467	.0385093	.3650368	79.01317

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.406590	6.250244	.0725013	.0013015	.8681424	.1246406	2.125481
Stddev	.012231	.087890	.0003307	.0002929	.1460103	.0038711	.007130
%RSD	.8695466	1.406184	.4560953	22.50730	16.81871	3.105800	.3354455

#1	1.392624	6.152205	.0726604	.0016130	.7144293	.1201951	2.122165
#2	1.411755	6.276549	.0727225	.0010317	.8850138	.1272679	2.133665
#3	1.415392	6.321978	.0721212	.0012597	1.004984	.1264587	2.120613

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.894516	2.194876	-.048087	.0054636	.5253383	1.121624	.0115361
Stddev	.029955	.008528	.001934	.0002835	.0029807	.007220	.0010334
%RSD	1.581120	.3885335	4.022657	5.188450	.5673891	.6436736	8.957906

#1	1.918630	2.193312	-.050160	.0051479	.5268744	1.127769	.0117668
#2	1.903933	2.187238	-.047769	.0055462	.5219029	1.113673	.0124346
#3	1.860984	2.204077	-.046331	.0056965	.5272376	1.123431	.0104068

Sample Name: K4493-01 Acquired: 08/23/2019 20:48:55 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7625997	.0109689	.0177442
Stddev	.0049902	.0005391	.0002082
%RSD	.6543723	4.914694	1.173329

#1	.7568510	.0104235	.0175319
#2	.7658159	.0109817	.0177527
#3	.7651322	.0115015	.0179480

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1459.773	2426.912	31200.55	4883.977	2482.390
Stddev	3.672	2.043	123.25	6.073	.852
%RSD	.2515568	.0841801	.3950099	.1243518	.0343321

#1	1463.812	2425.836	31310.12	4890.799	2481.408
#2	1456.636	2425.632	31067.12	4879.160	2482.932
#3	1458.872	2429.268	31224.42	4881.971	2482.830

Sample Name: K4490-08 Acquired: 08/23/2019 20:45:11 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB8506 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1300483	.0022006	.5909528	.0208699	.0015639	116.2292	.4200631
Stddev	.0010538	.0035470	.0012992	.0020853	.0014118	1.7078	.0073178
%RSD	.8103321	161.1834	.2198521	9.991761	90.27057	1.469303	1.742081

#1	.1294457	.0060846	.5894534	.0193888	.0006358	114.3285	.4122206
#2	.1294341	.0013842	.5917457	.0199663	.0008674	116.7248	.4212602
#3	.1312652	-.000867	.5916592	.0232546	.0031886	117.6344	.4267087

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074060	.0012478	390.0917	.7994150	.0806593	.1380515	89.87661
Stddev	.0000341	.0000690	7.3301	.0026681	.0001847	.0025771	1.54791
%RSD	.4598628	5.526175	1.879079	.3337611	.2289430	1.866763	1.722263

#1	.0073890	.0012625	381.8669	.7979112	.0806729	.1353314	88.17819
#2	.0073838	.0013083	392.4737	.7978383	.0804682	.1383664	90.24357
#3	.0074452	.0011727	395.9347	.8024956	.0808368	.1404566	91.20807

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.032952	56.36989	.0827118	.0007448	52.62721	.6555709	.6866960
Stddev	.055636	1.01871	.0005652	.0002917	.84343	.0055349	.0011580
%RSD	1.834379	1.807194	.6833743	39.16993	1.602642	.8442915	.1686308

#1	2.970935	55.25825	.0822522	.0007766	51.85855	.6492847	.6871013
#2	3.049442	56.59257	.0825402	.0010192	52.49362	.6577153	.6853898
#3	3.078478	57.25884	.0833429	.0004384	53.52946	.6597129	.6875969

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.02910	6.934704	.0430659	.0160530	123.3107	2.982002	.0066031
Stddev	.31650	.005103	.0017831	.0001271	.1724	.064948	.0032771
%RSD	1.129171	.0735826	4.140500	.7915356	.1397769	2.178004	49.62954

#1	27.74841	6.930758	.0417404	.0160413	123.1288	2.910852	.0070429
#2	27.96677	6.940467	.0450931	.0159322	123.3317	2.997048	.0096381
#3	28.37213	6.932889	.0423641	.0161855	123.4716	3.038107	.0031283

Sample Name: K4490-08 Acquired: 08/23/2019 20:45:11 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB8506 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.206733	.0551458	1.766292
Stddev	.035585	.0010455	.014262
%RSD	1.612558	1.895920	.8074451

#1	2.166275	.0539620	1.751297
#2	2.220747	.0555323	1.767894
#3	2.233177	.0559430	1.779685

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1515.179	2545.086	32676.81	5214.114	2439.280
Stddev	2.017	4.284	174.62	46.292	.077
%RSD	.1331369	.1683264	.5343794	.8878129	.0031392

#1	1514.519	2540.886	32736.08	5258.015	2439.330
#2	1513.574	2544.924	32814.08	5218.571	2439.318
#3	1517.444	2549.449	32480.28	5165.755	2439.192

Sample Name: K4493-07 Acquired: 08/23/2019 20:56:28 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0085346	-.003673	.2229249	.0111941	-.001604	21.96160	.1257947
Stddev	.0007660	.003062	.0005248	.0015762	.000980	.13706	.0006736
%RSD	8.975450	83.37820	.2353920	14.08053	61.11229	.6241088	.5354476

#1	.0088903	-.001295	.2225945	.0128408	-.002157	21.80426	.1255622
#2	.0090580	-.007129	.2235300	.0096995	-.000472	22.05506	.1265537
#3	.0076554	-.002595	.2226501	.0110419	-.002183	22.02549	.1252682

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023018	.0099794	12.60520	.0413868	.0462052	.3889329	58.82635
Stddev	.0000373	.0001364	.05754	.0003866	.0002406	.0035623	.23666
%RSD	1.620318	1.366395	.4564914	.9342443	.5206979	.9159225	.4023007

#1	.0022620	.0100396	12.60361	.0410039	.0464631	.3862450	58.58214
#2	.0023360	.0098234	12.66352	.0413794	.0459869	.3875803	59.05465
#3	.0023074	.0100754	12.54847	.0417771	.0461655	.3929735	58.84227

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.196501	7.152238	.1023549	.0006683	.8458426	.0740292	2.757666
Stddev	.007681	.053535	.0003946	.0004742	.0908453	.0018835	.016563
%RSD	.6419614	.7485003	.3854746	70.95295	10.74021	2.544320	.6006177

#1	1.190395	7.094852	.1026174	.0003519	.7820279	.0738053	2.776691
#2	1.205125	7.161030	.1025460	.0004395	.8056485	.0760147	2.746459
#3	1.193983	7.200832	.1019011	.0012135	.9498515	.0722677	2.749847

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.273688	8.322323	-.038967	.0004100	2.535173	1.211162	.0044482
Stddev	.046570	.043672	.000650	.0002080	.006532	.024718	.0019540
%RSD	2.048193	.5247592	1.669333	50.73897	.2576511	2.040869	43.92761

#1	2.220411	8.271908	-.039395	.0001970	2.529511	1.202590	.0034933
#2	2.294010	8.346529	-.039288	.0004202	2.533689	1.239025	.0031553
#3	2.306643	8.348531	-.038219	.0006126	2.542320	1.191870	.0066960

Sample Name: K4493-07 Acquired: 08/23/2019 20:56:28 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7781721	.0169706	.0197771
Stddev	.0029612	.0003703	.0002305
%RSD	.3805325	2.181891	1.165498

#1	.7754373	.0173900	.0195179
#2	.7777622	.0166888	.0199589
#3	.7813170	.0168331	.0198547

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.861	2864.332	36555.88	5752.780	2489.112
Stddev	11.851	3.173	3.73	53.825	5.189
%RSD	.6882735	.1107777	.0102000	.9356331	.2084745

#1	1710.127	2862.144	36553.78	5717.739	2484.158
#2	1721.630	2862.880	36553.69	5725.845	2488.671
#3	1733.826	2867.971	36560.19	5814.755	2494.508

Sample Name: K4493-04 Acquired: 08/23/2019 20:52:41 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0257238	-.004301	.4143278	.0155207	-.000219	23.24481	.1276504
Stddev	.0014451	.001095	.0005005	.0011242	.001784	.09944	.0007947
%RSD	5.617885	25.46829	.1208081	7.243195	815.9489	.4277913	.6225333

#1	.0271592	-.003437	.4148285	.0155003	-.001804	23.13664	.1269873
#2	.0242692	-.005533	.4143274	.0166549	-.000564	23.26554	.1285312
#3	.0257428	-.003934	.4138274	.0144068	.001713	23.33225	.1274326

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021064	.0028973	2.281054	.0992102	.0393821	.3483044	66.10131
Stddev	.0001095	.0000479	.012482	.0001048	.0001268	.0062038	.40895
%RSD	5.199203	1.653943	.5472238	.1056695	.3220177	1.781156	.6186713

#1	.0021452	.0029087	2.286005	.0993232	.0395163	.3414276	65.68531
#2	.0021913	.0029385	2.290302	.0991913	.0393659	.3500051	66.11578
#3	.0019828	.0028447	2.266856	.0991161	.0392642	.3534806	66.50283

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.558465	6.666985	.0727006	.0013109	.5217026	.0871331	1.934332
Stddev	.009252	.003180	.0002329	.0003553	.0546015	.0025229	.003108
%RSD	.5936812	.0477013	.3203018	27.10725	10.46603	2.895508	.1606663

#1	1.549513	6.668816	.0725334	.0017134	.4843196	.0853801	1.931369
#2	1.567991	6.668826	.0726019	.0011787	.4964258	.0900247	1.937567
#3	1.557891	6.663313	.0729666	.0010406	.5843624	.0859946	1.934059

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.019469	1.699072	-.039655	.0023091	.4615679	.9984750	.0091257
Stddev	.043004	.008471	.002571	.0004707	.0024491	.0157722	.0030446
%RSD	4.218312	.4985806	6.483888	20.38441	.5306036	1.579630	33.36257

#1	1.019299	1.689857	-.042435	.0024209	.4588219	1.016557	.0118890
#2	.976549	1.700840	-.039169	.0017926	.4635264	.991319	.0096262
#3	1.062557	1.706520	-.037362	.0027138	.4623553	.987549	.0058619

Sample Name: K4493-04 Acquired: 08/23/2019 20:52:41 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7458820	.0152340	.0231764
Stddev	.0040463	.0006006	.0001633
%RSD	.5424798	3.942809	.7044298

#1	.7415159	.0146707	.0230055
#2	.7466246	.0158660	.0231928
#3	.7495056	.0151652	.0233308

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1453.726	2408.689	30956.94	4891.567	2472.935
Stddev	3.369	3.709	77.49	27.667	1.261
%RSD	.2317505	.1539740	.2503098	.5656120	.0509800

#1	1457.413	2404.420	30918.75	4859.797	2472.710
#2	1450.809	2411.118	30905.96	4904.541	2474.293
#3	1452.955	2410.530	31046.11	4910.363	2471.802

Sample Name: K4330-03DLX20 Acquired: 08/23/2019 21:03:57 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0167181	.0055703	.0012714	-.003509	-.000252	.0313680
Stddev	.0009476	.0018189	.0029525	.001665	.001552	.0105492
%RSD	5.668417	32.65319	232.2218	47.44906	616.3129	33.63047

#1	.0160768	.0036324	-.001678	-.004858	-.001009	.0204966
#2	.0162709	.0058380	.004227	-.001648	.001534	.0320451
#3	.0178066	.0072405	.001264	-.004019	-.001281	.0415624

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038362	.0000997	.0000086	39.66609	.0009150	-.000852
Stddev	.0003646	.0000781	.0000655	.49904	.0011461	.000287
%RSD	9.503377	78.27933	758.4569	1.258099	125.2531	33.72175

#1	.0034244	.0001850	.0000834	39.12473	.0016088	-.000551
#2	.0039663	.0000825	-.000019	40.10775	-.000408	-.001123
#3	.0041178	.0000317	-.000039	39.76580	.001544	-.000881

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013922	.0948508	.0394178	118.3887	.0003302	.0002304
Stddev	.0025272	.0128347	.0009767	1.7066	.0004945	.0002448
%RSD	181.5307	13.53148	2.477954	1.441502	149.7694	106.2109

#1	-.001276	.0930945	.0382984	116.4938	.0008908	.0001966
#2	.001702	.1084732	.0398577	119.8045	.0001441	.0004903
#3	.003750	.0829847	.0400972	118.8679	-.000044	.0000044

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1092.772	-.002577	.0040811	44.32254	1.328227	.4652282
Stddev	13.542	.001140	.0003861	.38578	.008293	.0022297
%RSD	1.239266	44.23029	9.460323	.8703858	.6243926	.4792731

#1	1077.338	-.003876	.0045209	43.88090	1.336701	.4656151
#2	1102.667	-.001741	.0037982	44.59377	1.320127	.4672391
#3	1098.310	-.002116	.0039241	44.49294	1.327853	.4628304

Sample Name: K4330-03DLX20 Acquired: 08/23/2019 21:03:57 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0013611	67.77394	1.467189	-.001756	-.001370	.0166823
Stddev	.0003403	.11724	.007619	.002060	.000474	.0004929
%RSD	25.00309	.1729805	.5193198	117.3260	34.59518	2.954606

#1	.0016202	67.77362	1.471941	.000426	-.000946	.0168722
#2	.0014874	67.65686	1.471227	-.002026	-.001283	.0161227
#3	.0009757	67.89133	1.458401	-.003667	-.001882	.0170520

Elem	Sr4077
Units	ppm
Avg	.7632691
Stddev	.0058992
%RSD	.7728867

#1	.7564787
#2	.7671321
#3	.7661965

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1299.770	2230.682	27533.04	4418.132	2455.357
Stddev	4.764	6.752	133.34	33.891	8.738
%RSD	.3665461	.3026962	.4842744	.7670961	.3558734

#1	1301.178	2222.911	27576.20	4408.893	2445.307
#2	1294.461	2235.114	27383.47	4389.819	2459.614
#3	1303.672	2234.022	27639.45	4455.685	2461.151

Sample Name: K4493-10 Acquired: 08/23/2019 21:00:15 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0314511	-.006149	4.545908	.0379084	.0010125	70.31829	.7790863
Stddev	.0028410	.003872	.016407	.0019709	.0011101	.64150	.0044104
%RSD	9.033112	62.97637	.3609118	5.199152	109.6419	.9122753	.5660950

#1	.0341901	-.008131	4.529361	.0400916	-.000249	69.75870	.7765773
#2	.0316451	-.008630	4.546191	.0362601	.001841	70.17777	.7765029
#3	.0285180	-.001687	4.562171	.0373736	.001445	71.01840	.7841788

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062493	.0595273	67.59464	.6269061	.0920194	.8344677	174.0417
Stddev	.0000503	.0003165	.77796	.0005572	.0001940	.0063268	1.4305
%RSD	.8042494	.5317593	1.150917	.0888830	.2107971	.7581889	.8219513

#1	.0063023	.0596666	67.12064	.6265543	.0918879	.8283437	173.4779
#2	.0062023	.0591650	67.17079	.6266156	.0922422	.8340797	172.9790
#3	.0062432	.0597503	68.49248	.6275486	.0919281	.8409796	175.6682

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.651844	37.61723	.3323788	.0033785	1.568955	.3998639	3.117486
Stddev	.021643	.29892	.0012470	.0001502	.305939	.0044028	.008321
%RSD	.8161436	.7946229	.3751845	4.446517	19.49955	1.101062	.2669001

#1	2.641819	37.56712	.3328887	.0033653	1.883795	.3994616	3.126657
#2	2.637031	37.34654	.3309576	.0032354	1.272770	.3956762	3.110421
#3	2.676681	37.93804	.3332900	.0035349	1.550299	.4044541	3.115379

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.54517	5.644621	-.115519	.0054631	2.453037	1.557372	.0644105
Stddev	.06276	.011423	.003519	.0002353	.015809	.008721	.0005953
%RSD	.5002401	.2023669	3.046409	4.306259	.6444525	.5599703	.9241700

#1	12.49621	5.656236	-.119536	.0056368	2.446547	1.558600	.0638656
#2	12.52338	5.633400	-.114040	.0055571	2.441507	1.548102	.0650458
#3	12.61592	5.644226	-.112980	.0051954	2.471058	1.565414	.0643201

Sample Name: K4493-10 Acquired: 08/23/2019 21:00:15 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.530039	.0625484	.2394426
Stddev	.026432	.0005421	.0026261
%RSD	.7487595	.8667581	1.096777

#1	3.509773	.0622359	.2368362
#2	3.520408	.0622350	.2394037
#3	3.559935	.0631744	.2420880

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1534.547	2550.586	33038.52	5156.744	2499.670
Stddev	3.789	2.822	181.66	48.974	6.767
%RSD	.2468980	.1106291	.5498358	.9497121	.2707012

#1	1533.838	2550.003	33026.46	5133.730	2503.275
#2	1538.640	2553.653	33225.91	5212.986	2503.870
#3	1531.163	2548.100	32863.20	5123.515	2491.864

Sample Name: CCB11 Acquired: 08/23/2019 21:11:27 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	-.000232	.0038827	-.001533	.0000223	.0003393	-.004288	.0012912
Stddev	.000896	.0011927	.001755	.0016084	.0024800	.003033	.0003232
%RSD	385.6873	30.71747	114.4886	7202.575	730.9458	70.72523	25.03367

#1	.000317	.0043971	-.002917	.0017499	-.000941	-.002546	.0012969
#2	-.001267	.0047317	.000441	-.001432	.003198	-.007790	.0009651
#3	.000252	.0025191	-.002122	-.000251	-.001239	-.002529	.0016115

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001265	.0001867	.0145024	.0004303	.0003237	.0003295	.0022976
Stddev	.0000680	.0000285	.0078113	.0003652	.0000978	.0016088	.0036429
%RSD	53.78262	15.27043	53.86212	84.88704	30.20668	488.2342	158.5508

#1	.0001592	.0001773	.0165637	.0003423	.0004097	-.001410	-.001489
#2	.0001720	.0001641	.0058671	.0001171	.0003440	.000634	.002603
#3	.0000483	.0002188	.0210763	.0008314	.0002173	.001765	.005778

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003261	-.009806	.0004463	.0000013	.0171853	-.004019	.0010918
Stddev	.0002917	.012552	.0005775	.0001691	.1914954	.001460	.0002675
%RSD	89.44526	128.0075	129.3898	13047.41	1114.296	36.33463	24.49892

#1	.0005045	.003244	.0011005	.0001247	-.147133	-.002549	.0007906
#2	-.000011	-.010868	.0002310	-.000191	.227485	-.005469	.0013017
#3	.000484	-.021793	.0000074	.000071	-.028796	-.004038	.0011830

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1801775	.0013610	.0100489	-.000040	-.007650	.0060136	.0017183
Stddev	.0195404	.0007274	.0013125	.000515	.000249	.0004682	.0017824
%RSD	10.84510	53.44734	13.06159	1292.914	3.261222	7.785745	103.7341

#1	.1812901	.0005245	.0115635	.000413	-.007937	.0065277	.0014775
#2	.1991379	.0018449	.0092458	.000067	-.007485	.0059015	.0036088
#3	.1601045	.0017136	.0093372	-.000600	-.007529	.0056117	.0000685

Sample Name: CCB11 Acquired: 08/23/2019 21:11:27 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004967	.0018922	.0002881
Stddev	.0007137	.0006423	.0000507
%RSD	143.6983	33.94372	17.61050

#1	-.000130	.0019183	.0003145
#2	.000347	.0025210	.0003202
#3	.001273	.0012373	.0002296

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1370.646	2272.955	29021.96	4520.640	2415.566
Stddev	2.051	6.197	52.63	12.414	7.271
%RSD	.1496417	.2726360	.1813519	.2745963	.3010242

#1	1372.707	2266.112	28970.79	4522.890	2407.574
#2	1368.605	2278.190	29019.14	4531.774	2421.792
#3	1370.624	2274.562	29075.94	4507.255	2417.330

Sample Name: CCV11 Acquired: 08/23/2019 21:07:46 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	5.039997	4.997982	5.045754	5.036602	5.020638	10.17831	10.44193
Stddev	.011925	.019536	.005346	.013986	.009059	.13312	.15253
%RSD	.2366014	.3908766	.1059597	.2776909	.1804309	1.307920	1.460717

#1	5.045395	4.978624	5.041477	5.041761	5.023279	10.02609	10.27523
#2	5.026328	5.017691	5.051748	5.020769	5.010552	10.23592	10.57451
#3	5.048269	4.997631	5.044037	5.047276	5.028083	10.27293	10.47605

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2687836	2.554730	25.54621	1.014211	2.528889	1.237711	4.583878
Stddev	.0013558	.005517	.42629	.003790	.005081	.009493	.063245
%RSD	.5044270	.2159474	1.668720	.3736978	.2009091	.7669640	1.379728

#1	.2685892	2.550431	25.05881	1.017714	2.526228	1.226765	4.512899
#2	.2702261	2.560951	25.84955	1.010188	2.534748	1.242686	4.634249
#3	.2675354	2.552809	25.73027	1.014730	2.525692	1.243682	4.604485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.280935	23.71798	2.528972	1.254355	26.43469	2.413877	2.530824
Stddev	.031902	.33056	.003947	.004922	.47750	.036887	.011765
%RSD	1.398631	1.393690	.1560835	.3923800	1.806321	1.528109	.4648528

#1	2.244335	23.34956	2.527859	1.257369	25.92303	2.371608	2.531814
#2	2.302847	23.81578	2.533357	1.248675	26.51261	2.439551	2.542062
#3	2.295624	23.98859	2.525701	1.257020	26.86843	2.430473	2.518596

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.11214	5.196851	5.315918	5.035989	5.057699	5.285297	5.056662
Stddev	.27240	.017163	.015433	.008721	.009444	.008493	.012762
%RSD	1.043176	.3302653	.2903230	.1731770	.1867234	.1606875	.2523816

#1	25.79842	5.177034	5.319691	5.033432	5.047950	5.275492	5.041949
#2	26.28860	5.206561	5.329114	5.028833	5.066805	5.290070	5.064736
#3	26.24940	5.206958	5.298948	5.045703	5.058341	5.290330	5.063301

Sample Name: CCV11 Acquired: 08/23/2019 21:07:46 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.978774	5.200629	5.074460
Stddev	.058571	.101105	.020860
%RSD	1.176412	1.944095	.4110839

#1	4.911146	5.087046	5.051464
#2	5.011958	5.280796	5.092167
#3	5.013217	5.234045	5.079747

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1355.752	2265.365	29175.46	4509.878	2489.226
Stddev	5.587	6.633	172.96	16.159	11.579
%RSD	.4121310	.2928072	.5928243	.3582992	.4651502

#1	1362.135	2259.334	29137.10	4528.226	2486.292
#2	1351.745	2264.292	29364.39	4497.768	2479.397
#3	1353.376	2272.469	29024.91	4503.639	2501.990

Sample Name: K4330-04DLX20 Acquired: 08/23/2019 21:15:20 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0096148	.0037031	.0016221	.0003156	.0001718	.0255605
Stddev	.0037915	.0032700	.0011061	.0011957	.0005902	.0073691
%RSD	39.43370	88.30522	68.18663	378.8288	343.5281	28.82997

#1	.0116658	.0000516	.0011538	-.000845	-.000505	.0280030
#2	.0119390	.0063614	.0028854	.001544	.000577	.0313982
#3	.0052396	.0046962	.0008273	.000248	.000444	.0172803

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040949	.0000780	.0000682	37.94295	.0004514	-.000825
Stddev	.0008725	.0000438	.0001027	.41812	.0011036	.000125
%RSD	21.30731	56.14054	150.6164	1.101965	244.5002	15.13464

#1	.0032888	.0001248	.0001601	37.48494	.0016499	-.000685
#2	.0050213	.0000713	.0000870	38.30420	-.000523	-.000862
#3	.0039746	.0000380	-.000043	38.03972	.000227	-.000926

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000780	.0812161	.0409391	112.5812	-.000262	.0002705
Stddev	.003048	.0088815	.0006680	1.1767	.000560	.0004104
%RSD	390.8499	10.93569	1.631617	1.045212	213.7656	151.6990

#1	-.003783	.0733383	.0401679	111.2552	-.000826	.0005298
#2	-.000868	.0794684	.0413338	113.5010	.000294	.0004844
#3	.002312	.0908416	.0413156	112.9873	-.000254	-.000203

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1036.550	-.002472	.0019697	41.45731	.2572648	.4353798
Stddev	10.899	.002260	.0003434	.44611	.0026509	.0065198
%RSD	1.051497	91.44186	17.43149	1.076067	1.030398	1.497504

#1	1024.041	-.000253	.0015870	40.94853	.2554836	.4327432
#2	1044.003	-.004772	.0022506	41.78148	.2559995	.4428049
#3	1041.606	-.002391	.0020716	41.64192	.2603112	.4305911

Sample Name: K4330-04DLX20 Acquired: 08/23/2019 21:15:20 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0024045	76.53764	.8608316	-.001658	-.000200	.0167728
Stddev	.0005616	.19748	.0168115	.000453	.000227	.0020527
%RSD	23.35506	.2580188	1.952938	27.34118	113.7778	12.23794

#1	.0018689	76.56526	.8548221	-.001183	-.000444	.0146286
#2	.0029888	76.32780	.8798220	-.002085	.000005	.0169701
#3	.0023559	76.71986	.8478507	-.001705	-.000159	.0187197

Elem	Sr4077
Units	ppm
Avg	.7245531
Stddev	.0064142
%RSD	.8852692

#1	.7172044
#2	.7290275
#3	.7274273

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1302.855	2228.374	27546.11	4431.172	2455.055
Stddev	8.413	3.559	43.34	43.947	4.160
%RSD	.6457518	.1597259	.1573353	.9917773	.1694311

#1	1306.678	2229.291	27496.80	4445.095	2454.912
#2	1308.677	2231.385	27578.19	4381.949	2459.285
#3	1293.209	2224.446	27563.33	4466.471	2450.969

Sample Name: K4330-04DUPDLX20 Acquired: 08/23/2019 21:19:10 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0087167	.0033205	.0026106	-.002734	-.001478	.0398614
Stddev	.0023651	.0013318	.0014193	.002557	.001635	.0048796
%RSD	27.13361	40.10798	54.36767	93.54729	110.6656	12.24140

#1	.0060190	.0047079	.0009734	-.001737	.000130	.0346369
#2	.0096969	.0032014	.0033658	-.005639	-.003139	.0443010
#3	.0104341	.0020523	.0034927	-.000825	-.001424	.0406462

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043219	.0001127	.0000302	37.54925	.0012655	-.000691
Stddev	.0004437	.0000764	.0001106	.44361	.0008009	.000228
%RSD	10.26646	67.83437	366.3785	1.181409	63.28508	32.94560

#1	.0038102	.0000284	.0000469	37.05032	.0020291	-.000471
#2	.0045998	.0001322	-.000088	37.69824	.0013354	-.000676
#3	.0045558	.0001774	.000131	37.89919	.0004319	-.000925

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000139	.0777495	.0395927	111.6186	-.000158	.0001943
Stddev	.003540	.0092456	.0007736	1.5469	.000497	.0005825
%RSD	2538.716	11.89147	1.953758	1.385901	314.7382	299.7919

#1	-.004146	.0711591	.0388763	110.0339	-.000584	.0008416
#2	.001160	.0737711	.0394890	111.6973	-.000276	-.000288
#3	.002568	.0883183	.0404129	113.1247	.000387	.000029

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1027.528	-.001964	.0020883	41.17909	.2515341	.4288933
Stddev	11.524	.001329	.0002604	.50665	.0026701	.0018476
%RSD	1.121495	67.65707	12.46855	1.230347	1.061508	.4307908

#1	1014.368	-.000989	.0022579	40.60185	.2535946	.4310093
#2	1032.408	-.001425	.0017885	41.38533	.2524901	.4280718
#3	1035.809	-.003478	.0022185	41.55009	.2485177	.4275989

Sample Name: K4330-04DUPDLX20 Acquired: 08/23/2019 21:19:10 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0019339	75.67630	.8626367	-.001731	-.000536	.0183730
Stddev	.0007835	.29018	.0062711	.001078	.001139	.0007549
%RSD	40.51277	.3834514	.7269745	62.26010	212.4426	4.108959

#1	.0019766	76.01124	.8694784	-.001115	-.001827	.0175325
#2	.0026952	75.50069	.8612702	-.002976	-.000111	.0185932
#3	.0011300	75.51697	.8571614	-.001103	.000329	.0189934

Elem	Sr4077
Units	ppm
Avg	.7165103
Stddev	.0070317
%RSD	.9813882

#1	.7084318
#2	.7198435
#3	.7212556

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1287.232	2212.737	27334.30	4380.320	2433.054
Stddev	1.934	6.152	95.68	9.473	6.961
%RSD	.1502296	.2780081	.3500409	.2162525	.2861148

#1	1285.901	2214.904	27265.62	4372.234	2431.202
#2	1289.451	2205.795	27443.59	4390.742	2427.207
#3	1286.346	2217.512	27293.70	4377.983	2440.755

Sample Name: K4330-04MSDDLX20 Acquired: 08/23/2019 21:30:43 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0492100	.1160343	.0558327	.1009708	.0400865	.1277583
Stddev	.0030370	.0011939	.0004055	.0020192	.0020805	.0120573
%RSD	6.171425	1.028905	.7262746	1.999801	5.190087	9.437603

#1	.0513966	.1156115	.0556878	.1007380	.0421219	.1344088
#2	.0457425	.1151094	.0555195	.0990781	.0401739	.1138403
#3	.0504911	.1173821	.0562907	.1030963	.0379636	.1350258

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145610	.0108048	.0100699	34.69592	.0210924	.0097227
Stddev	.0007225	.0000754	.0000632	.20843	.0006260	.0002987
%RSD	4.962059	.6977825	.6280352	.6007321	2.967668	3.072077

#1	.0138464	.0108356	.0100149	34.51941	.0203772	.0100356
#2	.0145453	.0107189	.0101390	34.64250	.0215403	.0096920
#3	.0152912	.0108598	.0100558	34.92586	.0213597	.0094406

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137976	.2063309	.0459350	103.1504	.0254441	.0041377
Stddev	.0013379	.0061072	.0010217	.8926	.0003002	.0002539
%RSD	9.696563	2.959896	2.224122	.8653416	1.179875	6.136713

#1	.0140013	.2103605	.0453851	102.3227	.0251236	.0043399
#2	.0150220	.2093280	.0453062	103.0324	.0254899	.0042206
#3	.0123696	.1993041	.0471138	104.0962	.0257187	.0038527

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 950.1144	.0141794	.0139024	38.75333	.5649232	.4116898
Stddev	5.5584	.0042132	.0003977	.20292	.0038030	.0002769
%RSD	.5850192	29.71334	2.860896	.5236236	.6731898	.0672580

#1	944.5522	.0161486	.0139189	38.52413	.5632119	.4113857
#2	950.1220	.0170474	.0142916	38.91011	.5692812	.4117564
#3	955.6689	.0093422	.0134967	38.82574	.5622765	.4119274

Sample Name: K4330-04MSDDLX20 Acquired: 08/23/2019 21:30:43 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0210139	69.73062	.8479364	.0312384	.0086991	.0221719
Stddev	.0001723	.02192	.0074317	.0011553	.0001816	.0015530
%RSD	.8201138	.0314399	.8764417	3.698427	2.087133	7.004422
#1	.0211143	69.71167	.8558504	.0306877	.0088156	.0223069
#2	.0208149	69.75463	.8411060	.0304614	.0087918	.0205558
#3	.0211126	69.72555	.8468529	.0325660	.0084899	.0236530

Elem	Sr4077
Units	ppm
Avg	.6725790
Stddev	.0031495
%RSD	.4682703
#1	.6689693
#2	.6740008
#3	.6747669

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1296.852	2217.687	27403.22	4379.251	2441.245
Stddev	5.753	5.459	54.56	32.894	7.414
%RSD	.4436457	.2461443	.1990834	.7511423	.3036979
#1	1290.922	2212.487	27343.56	4342.780	2432.772
#2	1297.225	2223.372	27415.55	4406.675	2444.421
#3	1302.410	2217.203	27450.56	4388.299	2446.542

Sample Name: K4330-04ADLX20 Acquired: 08/23/2019 21:34:33 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0492690	.1203976	.0543433	.1034967	.0414216	.1340199
Stddev	.0040381	.0016952	.0014454	.0019878	.0018713	.0132913
%RSD	8.195941	1.408007	2.659743	1.920643	4.517609	9.917397

#1	.0535400	.1199292	.0538938	.1057499	.0434071	.1211342
#2	.0455134	.1189859	.0559600	.1027489	.0396906	.1332428
#3	.0487535	.1222778	.0531760	.1019912	.0411670	.1476827

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147438	.0110438	.0101167	35.59655	.0206804	.0098926
Stddev	.0006397	.0001644	.0000420	.51640	.0004770	.0002398
%RSD	4.338604	1.488817	.4147490	1.450695	2.306510	2.424460

#1	.0140054	.0109905	.0101529	35.00100	.0205880	.0099166
#2	.0150945	.0109126	.0100707	35.91992	.0211968	.0096416
#3	.0151314	.0112282	.0101265	35.86874	.0202563	.0101194

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148832	.2202875	.0464479	105.4612	.0258216	.0042126
Stddev	.0027585	.0098954	.0010948	1.4819	.0002028	.0002448
%RSD	18.53439	4.492022	2.357113	1.405156	.7855005	5.810417

#1	.0117472	.2195995	.0452090	103.7501	.0259307	.0044642
#2	.0169342	.2107540	.0472854	106.3084	.0255876	.0039753
#3	.0159682	.2305088	.0468492	106.3251	.0259465	.0041985

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 969.7804	.0151845	.0121121	39.22215	.5738971	.4200082
Stddev	12.0521	.0007120	.0003692	.30011	.0012845	.0036687
%RSD	1.242763	4.688763	3.048375	.7651505	.2238133	.8734857

#1	956.2550	.0147719	.0123601	38.87568	.5752753	.4168233
#2	979.3804	.0147750	.0122884	39.40130	.5736827	.4191817
#3	973.7058	.0160066	.0116877	39.38947	.5727334	.4240197

Sample Name: K4330-04ADLX20 Acquired: 08/23/2019 21:34:33 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0214393	70.60977	.8705349	.0330565	.0089090	.0227307
Stddev	.0002242	.33170	.0082824	.0001235	.0002692	.0003369
%RSD	1.045633	.4697693	.9514179	.3735147	3.021290	1.482368

#1	.0215648	70.46598	.8677501	.0331918	.0086661	.0225918
#2	.0211805	70.37423	.8640038	.0330278	.0091984	.0224854
#3	.0215727	70.98911	.8798508	.0329499	.0088624	.0231149

Elem	Sr4077
Units	ppm
Avg	.6772906
Stddev	.0055997
%RSD	.8267754

#1	.6709949
#2	.6791622
#3	.6817148

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1297.140	2227.132	27573.47	4349.753	2451.579
Stddev	12.870	2.808	102.04	4.672	7.669
%RSD	.9921566	.1260890	.3700513	.1073970	.3128200

#1	1295.179	2230.332	27559.34	4351.390	2457.508
#2	1285.363	2225.984	27479.23	4344.484	2454.310
#3	1310.877	2225.079	27681.83	4353.387	2442.918

Sample Name: K4430-06DLX20 Acquired: 08/23/2019 21:42:13 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0050914	.0053953	.0000428	-.000806	-.000342	.0242786
Stddev	.0029495	.0020051	.0005732	.001448	.000954	.0014148
%RSD	57.93111	37.16381	1340.907	179.7237	279.0843	5.827437

#1	.0040315	.0043478	.0001794	-.002475	-.000448	.0230846
#2	.0084245	.0077072	-.000586	-.000040	.000661	.0258413
#3	.0028184	.0041309	.000535	.000099	-.001239	.0239099

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048633	.0001120	-.000005	32.96312	.0008690	-.000781
Stddev	.0003660	.0000241	.000064	.24112	.0004820	.000242
%RSD	7.525721	21.49633	1196.957	.7314697	55.46722	30.94356

#1	.0047359	.0001352	-.000062	32.71718	.0008402	-.000926
#2	.0052759	.0000871	-.000019	33.19910	.0004020	-.000502
#3	.0045780	.0001136	.000065	32.97307	.0013648	-.000914

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001746	-.007899	.0342136	97.68686	.0002104	-.000066
Stddev	.001765	.005039	.0002609	.71762	.0003223	.000286
%RSD	101.0951	63.79892	.7626709	.7346148	153.1945	437.1065

#1	-.001017	-.013522	.0339823	96.86169	-.000162	.000239
#2	-.003759	-.006382	.0344965	98.16505	.000389	-.000329
#3	-.000462	-.003792	.0341619	98.03383	.000403	-.000107

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 897.0875	-.000290	.0019410	35.80556	.1855455	.3707554
Stddev	8.4780	.001236	.0001937	.23065	.0014967	.0027476
%RSD	.9450623	425.7734	9.981220	.6441657	.8066271	.7410899

#1	887.6715	-.001524	.0021595	35.55030	.1865767	.3685267
#2	904.1154	-.000295	.0018731	35.86740	.1838289	.3738253
#3	899.4755	.000948	.0017903	35.99899	.1862309	.3699142

Sample Name: K4430-06DLX20 Acquired: 08/23/2019 21:42:13 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0015110	65.15587	.7266620	-.002397	-.001936	.0145442
Stddev	.0006878	.37688	.0036869	.001476	.000299	.0005816
%RSD	45.51821	.5784289	.5073689	61.57154	15.43126	3.998814
#1	.0023006	64.97219	.7298381	-.003200	-.002275	.0139161
#2	.0011900	64.90604	.7275291	-.003299	-.001826	.0150642
#3	.0010424	65.58937	.7226189	-.000694	-.001708	.0146523

Elem	Sr4077
Units	ppm
Avg	.6208539
Stddev	.0038227
%RSD	.6157179
#1	.6173531
#2	.6202759
#3	.6249327

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1283.606	2224.920	27290.32	4311.248	2448.819
Stddev	4.275	8.388	162.23	13.207	11.561
%RSD	.3330512	.3769881	.5944548	.3063382	.4721200
#1	1279.579	2226.460	27170.77	4302.447	2451.402
#2	1283.146	2232.431	27225.20	4304.863	2458.871
#3	1288.092	2215.869	27474.99	4326.434	2436.185

Sample Name: K4430-05DLX20 Acquired: 08/23/2019 21:38:23 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0164385	.0045583	.0033465	-.002328	-.000581	.0241359
Stddev	.0031687	.0013812	.0012263	.001664	.000507	.0041783
%RSD	19.27591	30.30051	36.64433	71.48696	87.25716	17.31168

#1	.0127799	.0032230	.0042420	-.003046	-.000199	.0218440
#2	.0183064	.0059812	.0019488	-.000425	-.000388	.0289587
#3	.0182291	.0044705	.0038486	-.003513	-.001157	.0216051

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039968	.0000318	-.000007	38.20993	.0013235	-.000692
Stddev	.0005909	.0000130	.000073	.38168	.0005476	.000443
%RSD	14.78377	40.83654	990.6558	.9989101	41.37267	64.07995

#1	.0043998	.0000454	.000077	37.77876	.0016597	-.000212
#2	.0033185	.0000195	-.000046	38.34647	.0006917	-.000777
#3	.0042722	.0000306	-.000053	38.50456	.0016192	-.001086

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001002	-.004177	.0341834	113.8823	-.000148	.0003132
Stddev	.000601	.006497	.0007275	1.3827	.000272	.0001312
%RSD	59.98082	155.5439	2.128225	1.214188	183.1702	41.88227

#1	-.001689	.003324	.0333514	112.3842	.000004	.0004204
#2	-.000573	-.007804	.0347001	114.1533	-.000462	.0003521
#3	-.000744	-.008052	.0344986	115.1096	.000013	.0001669

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1049.028	-.000420	.0020845	42.34638	1.222747	.4458218
Stddev	9.536	.000888	.0001419	.18283	.003432	.0018816
%RSD	.9090070	211.1392	6.808750	.4317546	.2806726	.4220407

#1	1038.112	.000538	.0022418	42.16947	1.219741	.4479887
#2	1053.238	-.001214	.0020457	42.33506	1.222012	.4448749
#3	1055.735	-.000586	.0019660	42.53461	1.226486	.4446018

Sample Name: K4430-05DLX20 Acquired: 08/23/2019 21:38:23 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0010817	64.80964	1.384732	-.002982	-.000420	.0174011
Stddev	.0004038	.09558	.003852	.002390	.000928	.0008884
%RSD	37.32882	.1474792	.2781450	80.13300	220.6482	5.105658

#1	.0006848	64.90084	1.389084	-.005694	-.001349	.0166931
#2	.0010682	64.71022	1.381764	-.001187	.000507	.0183980
#3	.0014921	64.81787	1.383347	-.002065	-.000419	.0171122

Elem	Sr4077
Units	ppm
Avg	.7295014
Stddev	.0034254
%RSD	.4695552

#1	.7261852
#2	.7292926
#3	.7330265

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1290.716	2200.214	27163.90	4356.772	2410.565
Stddev	7.585	2.702	51.10	2.936	3.923
%RSD	.5876571	.1228219	.1881014	.0673819	.1627533

#1	1284.666	2197.329	27151.07	4354.008	2406.054
#2	1299.225	2200.626	27220.19	4356.454	2412.458
#3	1288.257	2202.686	27120.44	4359.854	2413.183

Sample Name: K4431-04DLX20 Acquired: 08/23/2019 21:49:54 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0055179	.0065266	.0017286	-.002484	-.001826	.0232178
Stddev	.0014332	.0008513	.0016399	.001178	.001452	.0030010
%RSD	25.97331	13.04353	94.86818	47.40935	79.51564	12.92527

#1	.0058668	.0063112	.0017878	-.002492	-.001244	.0266170
#2	.0067445	.0074649	.0000599	-.003658	-.003478	.0221012
#3	.0039425	.0058037	.0033380	-.001302	-.000755	.0209352

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042954	.0000604	.0000138	37.57556	-.000066	-.000695
Stddev	.0004298	.0000377	.0000534	.20772	.000385	.000473
%RSD	10.00637	62.38879	388.3865	.5528194	584.6966	68.14664

#1	.0044896	.0000464	-.000038	37.34855	-.000358	-.001002
#2	.0038027	.0000317	.000010	37.75615	.000371	-.000149
#3	.0045937	.0001031	.000069	37.62197	-.000211	-.000932

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001821	-.004167	.0106197	111.5842	-.000476	.0003553
Stddev	.004144	.003512	.0002753	.6205	.000405	.0004129
%RSD	227.5862	84.26876	2.592035	.5561100	85.19376	116.2383

#1	-.006144	-.000777	.0103102	110.8768	-.000893	.0008114
#2	-.001437	-.003936	.0107116	111.8392	-.000450	.0000070
#3	.002118	-.007789	.0108372	112.0366	-.000084	.0002474

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1026.557	-.002929	.0010767	40.83004	.1701628	.4197366
Stddev	4.990	.004326	.0002311	.31227	.0003838	.0042320
%RSD	.4860510	147.6779	21.46076	.7648118	.2255682	1.008242

#1	1020.815	-.007490	.0011273	40.50437	.1697839	.4226680
#2	1029.839	.001114	.0012783	40.85884	.1705514	.4148850
#3	1029.017	-.002411	.0008245	41.12692	.1701531	.4216569

Sample Name: K4431-04DLX20 Acquired: 08/23/2019 21:49:54 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0016725	75.09223	.7330435	-.002432	-.000476	.0166545
Stddev	.0001261	.15493	.0023586	.001906	.000456	.0006391
%RSD	7.536811	.2063170	.3217596	78.36400	95.84908	3.837440

#1	.0015301	75.02458	.7332294	-.000234	-.000675	.0162396
#2	.0017699	75.26948	.7305974	-.003440	.000046	.0163334
#3	.0017176	74.98263	.7353037	-.003621	-.000799	.0173905

Elem	Sr4077
Units	ppm
Avg	.7131679
Stddev	.0056637
%RSD	.7941602

#1	.7068020
#2	.7150533
#3	.7176485

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1294.475	2210.630	27246.68	4302.062	2421.696
Stddev	19.815	6.482	349.41	25.380	8.136
%RSD	1.530709	.2932278	1.282405	.5899396	.3359694

#1	1278.104	2203.235	26893.43	4277.157	2412.808
#2	1288.818	2213.323	27254.48	4301.137	2423.504
#3	1316.503	2215.331	27592.13	4327.891	2428.776

Sample Name: K4431-03DLX20 Acquired: 08/23/2019 21:46:03 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0057991	.0060847	.0032938	-.001725	-.001383	.0400688
Stddev	.0023407	.0006534	.0014990	.002681	.001176	.0100818
%RSD	40.36303	10.73818	45.50924	155.4334	85.01898	25.16115

#1	.0034133	.0062334	.0023555	-.004679	-.000946	.0324903
#2	.0080919	.0066510	.0050225	-.001051	-.000488	.0362051
#3	.0058921	.0053698	.0025033	.000555	-.002714	.0515109

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041652	.0000497	.0000034	37.86619	.0004653	-.000744
Stddev	.0006353	.0001353	.0001217	.55214	.0002335	.000044
%RSD	15.25330	272.3911	3535.792	1.458128	50.19662	5.892867

#1	.0034349	.0001788	-.000108	37.23604	.0004133	-.000790
#2	.0045903	-.000091	-.000015	38.09733	.0007204	-.000739
#3	.0044704	.000061	.000133	38.26519	.0002620	-.000702

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002662	.0778198	.0146862	112.2314	.0000595	.0003660
Stddev	.002775	.0052988	.0006389	1.6089	.0002200	.0003160
%RSD	104.2457	6.809085	4.350355	1.433591	370.0387	86.34456

#1	-.000217	.0731069	.0148033	110.4815	-.000161	.0000195
#2	-.005678	.0767971	.0139968	112.5660	.000061	.0004400
#3	-.002092	.0835555	.0152584	113.6468	.000279	.0006384

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1033.323	.0001884	.0022003	41.19416	.2051326	.4245964
Stddev	15.690	.0020560	.0002427	.54959	.0020380	.0063050
%RSD	1.518428	1091.234	11.03064	1.334135	.9935245	1.484947

#1	1015.432	-.000301	.0019235	40.56737	.2067398	.4175560
#2	1039.799	-.001579	.0023768	41.42156	.2058176	.4297222
#3	1044.739	.002445	.0023006	41.59354	.2028403	.4265110

Sample Name: K4431-03DLX20 Acquired: 08/23/2019 21:46:03 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0016077	76.15692	.7577008	-.002895	-.000374	.0168882
Stddev	.0000806	.34461	.0086196	.000827	.000561	.0012143
%RSD	5.016817	.4524947	1.137597	28.56841	150.0659	7.190395

#1	.0015859	76.47010	.7498168	-.002610	-.000298	.0155236
#2	.0016970	76.21290	.7669039	-.002247	-.000969	.0172910
#3	.0015401	75.78775	.7563817	-.003826	.000145	.0178499

Elem	Sr4077
Units	ppm
Avg	.7183372
Stddev	.0064412
%RSD	.8966865

#1	.7112327
#2	.7199830
#3	.7237957

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1290.736	2208.187	27170.28	4321.563	2427.411
Stddev	5.149	12.638	299.90	32.049	13.539
%RSD	.3989104	.5723377	1.103787	.7416114	.5577657

#1	1284.873	2195.405	26919.31	4347.155	2415.661
#2	1292.816	2208.479	27089.11	4285.617	2424.355
#3	1294.520	2220.677	27502.41	4331.916	2442.217

Sample Name: K4432-03DLX20 Acquired: 08/23/2019 22:01:18 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0098044	.0095721	.0015513	-.001486	-.001052	.0303207
Stddev	.0001693	.0035223	.0010968	.001740	.000701	.0167442
%RSD	1.726534	36.79700	70.70147	117.0957	66.69428	55.22390

#1	.0099046	.0072985	.0012750	-.003185	-.000244	.0279922
#2	.0096089	.0136294	.0027598	-.001565	-.001406	.0148625
#3	.0098996	.0077885	.0006191	.000292	-.001505	.0481073

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037531	.0000578	.0001083	39.28663	.0004271	-.000751
Stddev	.0006146	.0000361	.0000395	.41029	.0000353	.000185
%RSD	16.37459	62.43188	36.50659	1.044361	8.255379	24.67079

#1	.0030567	.0000722	.0001539	38.89073	.0004642	-.000950
#2	.0039832	.0000845	.0000845	39.25921	.0004231	-.000721
#3	.0042194	.0000167	.0000864	39.70994	.0003941	-.000583

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001855	-.009151	.0070889	116.9002	-.000063	.0003145
Stddev	.003889	.007308	.0004433	1.2727	.000588	.0000637
%RSD	209.6901	79.85875	6.253033	1.088737	933.7087	20.24093

#1	-.004782	-.003718	.0066026	115.4423	-.000147	.0003879
#2	.002558	-.006276	.0074703	117.4685	.000562	.0002749
#3	-.003339	-.017458	.0071938	117.7897	-.000605	.0002806

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1074.920	.0003085	.0015083	42.92789	.2822322	.4347605
Stddev	10.931	.0031119	.0001772	.42031	.0021913	.0039320
%RSD	1.016947	1008.736	11.74631	.9790973	.7764168	.9043971

#1	1062.824	.0016928	.0016803	42.46751	.2830668	.4336029
#2	1077.842	-.003255	.0013264	43.29111	.2838835	.4315373
#3	1084.093	.002488	.0015182	43.02504	.2797462	.4391413

Sample Name: K4432-03DLX20 Acquired: 08/23/2019 22:01:18 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0023448	79.17205	.7669341	-.002980	-.000391	.0152901
Stddev	.0004801	.23061	.0067523	.001768	.000363	.0002287
%RSD	20.47479	.2912729	.8804250	59.32313	93.00195	1.495901

#1	.0020799	79.26884	.7602824	-.002857	-.000284	.0150274
#2	.0028990	79.33848	.7667372	-.001277	-.000796	.0154452
#3	.0020555	78.90882	.7737826	-.004806	-.000093	.0153978

Elem	Sr4077
Units	ppm
Avg	.7503217
Stddev	.0077760
%RSD	1.036350

#1	.7413877
#2	.7555658
#3	.7540115

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1276.987	2193.779	27025.92	4300.494	2409.224
Stddev	14.738	2.929	86.30	21.696	6.910
%RSD	1.154091	.1335145	.3193109	.5044949	.2867951

#1	1271.308	2190.421	27007.90	4322.063	2402.298
#2	1265.935	2195.108	26950.05	4300.746	2409.257
#3	1293.720	2195.808	27119.80	4278.674	2416.117

Sample Name: CCV12 Acquired: 08/23/2019 21:53:45 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	5.089572	5.089333	5.131463	5.093438	5.078271	10.29171	10.46055
Stddev	.010913	.011984	.007277	.004150	.011956	.07026	.13127
%RSD	.2144196	.2354719	.1418132	.0814685	.2354333	.6827221	1.254924

#1	5.086190	5.075591	5.136500	5.091905	5.081307	10.21244	10.33756
#2	5.080750	5.097608	5.134771	5.090273	5.065090	10.31635	10.44532
#3	5.101776	5.094801	5.123120	5.098136	5.088416	10.34633	10.59877

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2703184	2.610528	25.69778	1.031338	2.572780	1.243341	4.615835
Stddev	.0027457	.003364	.32569	.001170	.005839	.011805	.060640
%RSD	1.015726	.1288780	1.267401	.1134141	.2269452	.9494283	1.313729

#1	.2678108	2.608147	25.44269	1.030776	2.571798	1.230257	4.548201
#2	.2698921	2.609061	25.58601	1.032683	2.567495	1.246576	4.633953
#3	.2732523	2.614377	26.06464	1.030557	2.579048	1.253192	4.665350

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.291360	23.88193	2.573470	1.278608	26.96108	2.430115	2.558562
Stddev	.029730	.27410	.005835	.010036	.11302	.027662	.009969
%RSD	1.297495	1.147711	.2267516	.7849109	.4191854	1.138319	.3896151

#1	2.265791	23.69190	2.574956	1.284098	26.84969	2.407102	2.556701
#2	2.284307	23.75775	2.567036	1.267025	26.95790	2.422438	2.569330
#3	2.323983	24.19613	2.578419	1.284700	27.07566	2.460805	2.549655

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.58521	5.232964	5.357816	5.107533	5.132140	5.283810	5.135921
Stddev	.21637	.003256	.061039	.015292	.022169	.071685	.016850
%RSD	.8138859	.0622120	1.139251	.2993996	.4319650	1.356691	.3280804

#1	26.42168	5.230334	5.312406	5.107254	5.107902	5.221060	5.124702
#2	26.50338	5.231952	5.333839	5.092383	5.151390	5.268435	5.127764
#3	26.83056	5.236605	5.427203	5.122962	5.137128	5.361935	5.155297

Sample Name: CCV12 Acquired: 08/23/2019 21:53:45 Type: Unk
 Method: NON EPA-6010-200.7(v149) 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	5.022917	5.217824	5.114693
Stddev	.034384	.087248	.160043
%RSD	.6845386	1.672121	3.129092

#1	4.988874	5.138817	4.966941
#2	5.022245	5.203191	5.092441
#3	5.057632	5.311463	5.284699

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1335.156	2232.990	28423.80	4448.099	2450.416
Stddev	5.959	8.540	201.44	35.211	9.373
%RSD	.4463211	.3824635	.7087179	.7915923	.3824935

#1	1328.820	2226.007	28228.20	4465.387	2441.644
#2	1336.002	2242.512	28630.62	4471.323	2460.291
#3	1340.647	2230.451	28412.58	4407.585	2449.313

Sample Name: K4432-04DLX20 Acquired: 08/23/2019 22:05:09 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0098626	.0051931	.0011214	-.001014	-.000692	.0312318
Stddev	.0028542	.0030378	.0020760	.001524	.003292	.0099071
%RSD	28.93958	58.49603	185.1217	150.2889	475.7326	31.72138

#1	.0076845	.0052545	.0024139	-.000941	.003109	.0380299
#2	.0130937	.0021252	-.001273	.000472	-.002618	.0358008
#3	.0088096	.0081998	.002224	-.002572	-.002567	.0198646

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044658	.0001109	.0000309	42.05239	.0005736	-.000664
Stddev	.0000557	.0000731	.0000926	.17829	.0003400	.000119
%RSD	1.247637	65.96389	299.6753	.4239798	59.26830	17.85922

#1	.0044644	.0001017	.0001378	42.03830	.0003827	-.000620
#2	.0044108	.0000428	-.000020	41.88155	.0009662	-.000799
#3	.0045222	.0001881	-.000025	42.23731	.0003721	-.000574

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001004	-.000606	.0028857	125.0567	-.000698	.0002977
Stddev	.002302	.003418	.0003130	.6727	.000343	.0001716
%RSD	229.3478	564.4794	10.84612	.5378973	49.23992	57.64597

#1	-.001413	-.000907	.0031667	124.6230	-.000611	.0001496
#2	-.003073	.002954	.0029420	124.7155	-.000406	.0002578
#3	.001475	-.003863	.0025484	125.8316	-.001076	.0004858

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1150.952	-.001542	.0035822	46.16830	.2946520	.4665567
Stddev	6.107	.002949	.0004316	.31222	.0014617	.0045921
%RSD	.5305908	191.2802	12.04726	.6762704	.4960946	.9842540

#1	1147.688	.000574	.0040309	45.83808	.2962708	.4713726
#2	1147.170	-.004910	.0035458	46.20812	.2934288	.4622271
#3	1157.997	-.000289	.0031701	46.45871	.2942563	.4660703

Sample Name: K4432-04DLX20 Acquired: 08/23/2019 22:05:09 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0025184	85.13690	.8179468	-.001072	-.001657	.0181757
Stddev	.0005756	.23482	.0081177	.001989	.000937	.0001392
%RSD	22.85717	.2758124	.9924437	185.6027	56.53089	.7659905

#1	.0027925	85.37877	.8249986	.000652	-.002134	.0181239
#2	.0029058	85.12210	.8090729	-.000619	-.002260	.0183334
#3	.0018569	84.90984	.8197688	-.003248	-.000578	.0180697

Elem	Sr4077
Units	ppm
Avg	.8049823
Stddev	.0071604
%RSD	.8895125

#1	.8001465
#2	.8015922
#3	.8132082

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1285.062	2213.108	27317.87	4361.790	2417.177
Stddev	24.152	3.507	407.41	39.958	5.185
%RSD	1.879458	.1584477	1.491368	.9160977	.2145015

#1	1259.108	2209.325	26847.92	4317.034	2412.813
#2	1289.199	2216.249	27534.35	4393.880	2422.908
#3	1306.878	2213.751	27571.35	4374.456	2415.809

Sample Name: K4474-29 Acquired: 08/23/2019 22:09:00 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	-.010301	-.013762	.0134815	.0098634	.0067339	.0826207	.1422204
Stddev	.004629	.002130	.0030053	.0023066	.0005151	.0057806	.0025719
%RSD	44.94221	15.47523	22.29187	23.38596	7.649357	6.996519	1.808411

#1	-.014445	-.014453	.0111630	.0122840	.0061587	.0781379	.1396502
#2	-.005305	-.015461	.0124046	.0096155	.0068905	.0805792	.1422169
#3	-.011152	-.011373	.0168768	.0076907	.0071525	.0891450	.1447941

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000279	.0001006	74.71957	.0021203	.0002669	.0063279	.0134523
Stddev	.000131	.0001245	1.55664	.0002793	.0002053	.0019275	.0063205
%RSD	46.74954	123.7595	2.083303	13.17216	76.92260	30.46058	46.98464

#1	-.000361	.0000825	73.40428	.0023555	.0002644	.0046827	.0069524
#2	-.000348	.0002333	74.31627	.0018116	.0000628	.0058524	.0195766
#3	-.000129	-.000014	76.43817	.0021938	.0004734	.0084487	.0138278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1672395	8.125120	.0041670	-.000056	312.5592	-.001794	.0787175
Stddev	.0030327	.172980	.0002046	.000435	6.0821	.000842	.0006324
%RSD	1.813387	2.128952	4.909362	782.3098	1.945890	46.93735	.8033375

#1	.1645239	7.942313	.0039718	-.000557	306.5143	-.001720	.0791507
#2	.1666824	8.146823	.0041495	.000223	312.4854	-.000991	.0779918
#3	.1705121	8.286224	.0043798	.000167	318.6778	-.002670	.0790099

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8409888	.0492828	.0163315	.0009501	.5174634	.9855223	.0009295
Stddev	.0653318	.0014810	.0014823	.0004884	.0045363	.0115554	.0013597
%RSD	7.768456	3.005145	9.076062	51.40434	.8766463	1.172514	146.2820

#1	.7655529	.0486612	.0176582	.0010938	.5145917	.9797938	.0020224
#2	.8792727	.0482139	.0147317	.0013506	.5151054	.9779503	-.000593
#3	.8781408	.0509733	.0166046	.0004060	.5226931	.9988228	.001359

Sample Name: K4474-29 Acquired: 08/23/2019 22:09:00 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000705	.0036292	.2108110
Stddev	.000619	.0009425	.0033117
%RSD	87.75560	25.96971	1.570920

#1	-.001407	.0046431	.2074082
#2	-.000240	.0034645	.2110015
#3	-.000468	.0027799	.2140233

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1277.407	2162.113	27633.12	4369.194	2420.757
Stddev	6.405	5.621	53.95	46.007	9.633
%RSD	.5013894	.2599575	.1952473	1.052976	.3979273

#1	1270.301	2157.026	27622.52	4384.615	2411.281
#2	1279.187	2161.168	27691.58	4405.509	2420.451
#3	1282.734	2168.147	27585.25	4317.458	2430.540

Sample Name: K4475-14 Acquired: 08/23/2019 22:16:46 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	-.006765	-.012723	.0374441	.0091810	.0033795	.0856207	.2256373
Stddev	.002727	.001850	.0015493	.0018838	.0004190	.0035900	.0017459
%RSD	40.31354	14.53959	4.137651	20.51856	12.39842	4.192907	.7737446

#1	-.009329	-.010720	.0366419	.0103412	.0030606	.0891418	.2241637
#2	-.007064	-.013081	.0392300	.0101944	.0038540	.0819656	.2251827
#3	-.003900	-.014368	.0364604	.0070074	.0032238	.0857546	.2275655

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000157	.0100488	37.79669	.0009986	-.000731	.0266999	-.000361
Stddev	.000029	.0000559	.32742	.0003164	.000141	.0010040	.005485
%RSD	18.18364	.5565113	.8662781	31.68431	19.24229	3.760226	1519.596

#1	-.000182	.0100211	37.53702	.0011323	-.000647	.0255788	.002459
#2	-.000162	.0100121	37.68855	.0012261	-.000653	.0270047	-.006682
#3	-.000126	.0101132	38.16450	.0006373	-.000894	.0275161	.003140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1072452	1.175949	.0059326	.0000873	334.9197	-.001409	.4362725
Stddev	.0009672	.051947	.0011322	.0003326	4.1252	.000907	.0021913
%RSD	.9018527	4.417469	19.08420	381.0277	1.231697	64.35442	.5022683

#1	.1064472	1.131561	.0048096	-.000174	330.6800	-.000366	.4337425
#2	.1069677	1.163204	.0059145	-.000026	335.1592	-.001853	.4375621
#3	.1083209	1.233083	.0070738	.000462	338.9199	-.002008	.4375130

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7725637	.0393282	.0106874	.0003368	.2039074	.4577502	.0011592
Stddev	.0708554	.0021245	.0004687	.0003247	.0028807	.0043927	.0008863
%RSD	9.171466	5.401927	4.385355	96.39069	1.412769	.9596321	76.46305

#1	.7089374	.0369413	.0106943	.0006616	.2051063	.4607875	.0021084
#2	.7598320	.0410120	.0111525	.0003365	.2059951	.4527134	.0003531
#3	.8489219	.0400312	.0102153	.0000123	.2006208	.4597496	.0010160

Sample Name: K4475-14 Acquired: 08/23/2019 22:16:46 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003506	.0019796	.0732538
Stddev	.0008364	.0007374	.0005342
%RSD	238.5361	37.24768	.7292634

#1	.0009042	.0012346	.0726875
#2	.0007593	.0019951	.0733251
#3	-.000612	.0027091	.0737488

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1313.700	2212.390	28146.79	4442.764	2466.914
Stddev	7.553	2.631	127.36	24.287	1.013
%RSD	.5749101	.1189124	.4524783	.5466635	.0410475

#1	1321.961	2210.519	28156.91	4427.750	2466.653
#2	1311.988	2215.398	28268.78	4470.784	2468.032
#3	1307.150	2211.253	28014.67	4429.758	2466.058

Sample Name: K4474-38 Acquired: 08/23/2019 22:12:53 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	-.008999	-.015900	.0121902	.0092739	.0044114	.0696983	.2566850
Stddev	.002911	.001648	.0004943	.0004793	.0005585	.0041044	.0042741
%RSD	32.34626	10.36725	4.054692	5.168738	12.66036	5.888768	1.665129

#1	-.009100	-.016362	.0117472	.0091047	.0046968	.0661065	.2521902
#2	-.011858	-.017268	.0127233	.0098149	.0037679	.0688166	.2571670
#3	-.006039	-.014070	.0121002	.0089021	.0047696	.0741719	.2606976

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000299	.0031208	38.79411	.0012373	-.001148	.0203532	.0046493
Stddev	.000027	.0000851	.67564	.0001039	.000240	.0008877	.0081683
%RSD	9.012424	2.725745	1.741614	8.400255	20.88819	4.361527	175.6898

#1	-.000311	.0032106	38.08581	.0012058	-.001334	.0211349	-.001082
#2	-.000268	.0030414	38.86503	.0011528	-.001233	.0193882	.001028
#3	-.000318	.0031105	39.43150	.0013534	-.000877	.0205366	.014002

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1425502	8.378277	.0025021	-.000141	267.0174	-.002310	.1342250
Stddev	.0025505	.130659	.0002967	.000014	3.8934	.001888	.0005528
%RSD	1.789215	1.559496	11.85992	10.16293	1.458114	81.74021	.4118683

#1	.1401188	8.257696	.0025378	-.000155	262.5533	-.003958	.1340424
#2	.1423266	8.360038	.0021891	-.000126	268.7884	-.002723	.1348460
#3	.1452051	8.517097	.0027793	-.000142	269.7105	-.000249	.1337865

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7886461	.0466841	.0107734	.0007606	.2317157	.5438432	-.001073
Stddev	.0857288	.0006658	.0004911	.0005328	.0048902	.0062404	.000709
%RSD	10.87038	1.426197	4.558696	70.05079	2.110414	1.147471	66.10656

#1	.6918323	.0463252	.0109390	.0011642	.2304537	.5398012	-.001889
#2	.8191716	.0462747	.0102209	.0001567	.2371132	.5406980	-.000725
#3	.8549343	.0474523	.0111603	.0009609	.2275803	.5510304	-.000605

Sample Name: K4474-38 Acquired: 08/23/2019 22:12:53 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000384	.0017257	.1380092
Stddev	.001227	.0009352	.0020726
%RSD	319.6371	54.19510	1.501777

#1	-.000071	.0027561	.1357569
#2	-.001736	.0014902	.1384347
#3	.000657	.0009307	.1398360

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1307.218	2188.910	28086.61	4402.634	2440.126
Stddev	11.847	7.606	200.91	17.531	4.929
%RSD	.9062535	.3474614	.7153248	.3981982	.2019971

#1	1306.428	2180.791	28031.39	4414.561	2434.765
#2	1295.787	2195.869	27919.09	4410.834	2444.462
#3	1319.441	2190.069	28309.36	4382.505	2441.151

Sample Name: K4475-17 Acquired: 08/23/2019 22:20:37 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	-.009977	-.016177	.0287733	.0092696	.0037609	.0507335	.1692039
Stddev	.002364	.003049	.0008578	.0018794	.0003814	.0095656	.0004557
%RSD	23.69698	18.84903	2.981296	20.27491	10.14085	18.85452	.2693344

#1	-.011223	-.016177	.0288619	.0071027	.0041699	.0602604	.1687730
#2	-.011459	-.013128	.0278746	.0104558	.0034150	.0508101	.1696809
#3	-.007251	-.019226	.0295834	.0102503	.0036978	.0411298	.1691579

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000243	.0008397	12.39349	.0010948	.0024498	.0043638	.0020529
Stddev	.000098	.0001461	.11193	.0004503	.0001523	.0020897	.0025476
%RSD	40.23448	17.39480	.9030987	41.13029	6.218090	47.88719	124.0995

#1	-.000292	.0006766	12.26506	.0014913	.0025267	.0058451	.0022652
#2	-.000307	.0008837	12.47025	.0011880	.0022744	.0019736	-.000594
#3	-.000131	.0009586	12.44515	.0006052	.0025484	.0052729	.004488

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2253618	1.850451	.0036565	.0000362	302.9946	-.001132	.0720158
Stddev	.0039361	.020652	.0003625	.0002105	2.9216	.001885	.0003365
%RSD	1.746568	1.116050	9.913973	581.7750	.9642446	166.6317	.4672859

#1	.2209288	1.827492	.0033763	-.000199	299.6672	-.003309	.0721950
#2	.2267101	1.867513	.0035272	.000207	304.1769	-.000034	.0722247
#3	.2284466	1.856349	.0040659	.000101	305.1399	-.000052	.0716275

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7707435	.0276293	.0098628	.0010822	.1268156	.5086410	.0016100
Stddev	.0866678	.0020812	.0008482	.0003828	.0026075	.0063763	.0005349
%RSD	11.24470	7.532516	8.599853	35.37156	2.056146	1.253600	33.22049

#1	.8208932	.0252404	.0106980	.0013408	.1285788	.5159548	.0010291
#2	.6706682	.0290497	.0098881	.0006424	.1238203	.5057185	.0017189
#3	.8206690	.0285980	.0090022	.0012633	.1280475	.5042498	.0020820

Sample Name: K4475-17 Acquired: 08/23/2019 22:20:37 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000608	.0019615	.1020608
Stddev	.001370	.0002806	.0013084
%RSD	225.1770	14.30400	1.282011

#1	-.000529	.0018942	.1005507
#2	.000720	.0017208	.1027726
#3	-.002016	.0022696	.1028589

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1312.541	2198.420	28177.00	4429.783	2456.626
Stddev	1.642	7.206	94.25	28.664	7.442
%RSD	.1251130	.3277736	.3345031	.6470697	.3029494

#1	1310.903	2191.077	28120.58	4397.057	2449.136
#2	1312.532	2198.701	28124.61	4441.865	2456.723
#3	1314.187	2205.481	28285.81	4450.429	2464.020

Sample Name: K4475-20 Acquired: 08/23/2019 22:24:30 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	-.011671	-.019506	.0376782	.0101897	.0049074	.0852802	.1849272
Stddev	.001101	.001841	.0013915	.0021522	.0032261	.0062101	.0026930
%RSD	9.437234	9.437459	3.693096	21.12129	65.73889	7.282036	1.456267

#1	-.010529	-.017472	.0362489	.0108277	.0076021	.0829804	.1818426
#2	-.011758	-.021056	.0377571	.0119507	.0057875	.0923122	.1861281
#3	-.012726	-.019991	.0390285	.0077906	.0013326	.0805480	.1868109

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000265	.0017125	21.75888	.0005791	.0001757	.1945017	.0001956
Stddev	.000038	.0000589	.46810	.0003652	.0002037	.0042518	.0064746
%RSD	14.45104	3.440290	2.151300	63.05844	115.9317	2.186011	3309.837

#1	-.000229	.0017357	21.23380	.0004469	.0002285	.1932609	-.006989
#2	-.000305	.0016455	21.91037	.0009919	.0003478	.1910084	.005579
#3	-.000259	.0017563	22.13248	.0002984	-.000049	.1992359	.001996

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1430081	.7484727	.0042776	.0000514	307.3103	-.001675	.2938017
Stddev	.0020199	.0308338	.0000956	.0002888	5.2154	.003782	.0010557
%RSD	1.412458	4.119557	2.235265	561.7321	1.697099	225.8024	.3593144

#1	.1409557	.7129676	.0042098	-.000277	301.4787	.002665	.2949312
#2	.1430746	.7685182	.0042360	.000165	308.9245	-.004267	.2936338
#3	.1449940	.7639324	.0043870	.000266	311.5278	-.003423	.2928400

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.041758	.0472314	.0171058	.0005643	.2321706	.4102321	.0027102
Stddev	.120553	.0014404	.0006786	.0001403	.0028226	.0052737	.0013020
%RSD	11.57208	3.049604	3.967086	24.86518	1.215737	1.285529	48.04159

#1	1.016644	.0469157	.0169869	.0005236	.2293549	.4076154	.0029569
#2	.935740	.0459750	.0164946	.0004489	.2321568	.4067784	.0013024
#3	1.172890	.0488034	.0178361	.0007205	.2350000	.4163023	.0038711

Sample Name: K4475-20 Acquired: 08/23/2019 22:24:30 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000543	.0055078	.1247962
Stddev	.000095	.0004145	.0019096
%RSD	17.58220	7.525546	1.530191

#1	-.000652	.0057920	.1227395
#2	-.000499	.0050322	.1251358
#3	-.000477	.0056992	.1265132

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1311.003	2209.285	28298.03	4418.500	2466.502
Stddev	9.593	1.367	196.83	39.787	2.838
%RSD	.7317678	.0618686	.6955703	.9004678	.1150769

#1	1300.275	2210.603	28465.26	4456.608	2463.261
#2	1313.975	2207.874	28081.12	4421.669	2467.701
#3	1318.758	2209.377	28347.72	4377.223	2468.544

Sample Name: K4475-26 Acquired: 08/23/2019 22:32:13 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T1-2B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012440	-.014656	.0793142	.0104708	.0049644	.1076795	.0732113
Stddev	.002095	.001874	.0020534	.0042352	.0009580	.0060449	.0009168
%RSD	16.84202	12.78810	2.588902	40.44807	19.29698	5.613764	1.252254

#1	-.013554	-.016601	.0816343	.0065395	.0043274	.1047006	.0726641
#2	-.013743	-.014506	.0777307	.0149556	.0060661	.1037023	.0727002
#3	-.010023	-.012861	.0785777	.0099173	.0044996	.1146357	.0742698

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000239	.0034147	40.48308	.0007975	.0007259	.1287216	.0123645
Stddev	.000041	.0001564	.60239	.0002462	.0002621	.0038287	.0062736
%RSD	17.17221	4.581192	1.488005	30.86660	36.09752	2.974417	50.73916

#1	-.000275	.0033196	40.04098	.0009344	.0005204	.1244508	.0180428
#2	-.000194	.0035953	40.23907	.0005133	.0006365	.1298673	.0134209
#3	-.000248	.0033293	41.16919	.0009448	.0010210	.1318466	.0056297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1266701	14.21680	.0068347	-.000194	290.2300	-.004240	.8373767
Stddev	.0015389	.32555	.0002827	.000024	4.1007	.002818	.0009382
%RSD	1.214885	2.289896	4.136028	12.43736	1.412908	66.46009	.1120416

#1	.1258967	13.91665	.0065254	-.000220	286.4548	-.005062	.8372153
#2	.1256712	14.17088	.0068993	-.000174	289.6424	-.006555	.8383851
#3	.1284422	14.56288	.0070796	-.000188	294.5927	-.001102	.8365297

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3814594	.0096315	.0109676	.0009384	.1561641	.3239341	.0011476
Stddev	.1042904	.0009402	.0011735	.0003680	.0024768	.0023450	.0011225
%RSD	27.33983	9.761808	10.69933	39.21458	1.586003	.7239020	97.80939

#1	.3547265	.0088461	.0123192	.0005146	.1572934	.3245086	.0009707
#2	.4965141	.0093751	.0102089	.0011770	.1533239	.3213553	.0023480
#3	.2931377	.0106733	.0103747	.0011237	.1578749	.3259385	.0001241

Sample Name: K4475-26 Acquired: 08/23/2019 22:32:13 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T1-2B Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000376	.0037676	.0845935
Stddev	.001003	.0003427	.0010470
%RSD	266.4967	9.095204	1.237706

#1	.000651	.0036161	.0833851
#2	-.001354	.0035269	.0851634
#3	-.000426	.0041599	.0852319

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1312.010	2195.570	28172.06	4430.995	2453.009
Stddev	7.973	2.916	161.26	44.566	2.942
%RSD	.6076921	.1327914	.5723974	1.005778	.1199315

#1	1320.708	2192.205	28320.31	4442.192	2449.635
#2	1310.275	2197.344	28195.51	4468.895	2454.350
#3	1305.048	2197.160	28000.37	4381.898	2455.041

Sample Name: K4475-23 Acquired: 08/23/2019 22:28:22 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	-.010483	-.017218	.0702737	.0079408	.0046971	.0691944	.1997841
Stddev	.002404	.003150	.0013575	.0015527	.0004850	.0048471	.0044123
%RSD	22.93144	18.29312	1.931777	19.55377	10.32559	7.004979	2.208561

#1	-.010805	-.014265	.0688088	.0092697	.0050233	.0652258	.1949406
#2	-.007934	-.016855	.0705231	.0062340	.0041398	.0745965	.2008369
#3	-.012710	-.020533	.0714892	.0083186	.0049283	.0677608	.2035749

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000178	.0046141	26.27848	.0008637	.0015888	.0906336	-.003041
Stddev	.000075	.0001185	.50158	.0000734	.0001623	.0004819	.004673
%RSD	42.30085	2.568716	1.908713	8.494270	10.21814	.5316572	153.6899

#1	-.000095	.0045923	25.73505	.0009287	.0014928	.0904052	-.000397
#2	-.000243	.0047420	26.37671	.0007842	.0014974	.0911872	-.008437
#3	-.000195	.0045080	26.72368	.0008783	.0017762	.0903084	-.000289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1644727	.6518841	.0065474	.0000335	311.1265	-.000438	.3170677
Stddev	.0034948	.0277028	.0007594	.0002909	5.2848	.000861	.0008639
%RSD	2.124836	4.249644	11.59904	868.6289	1.698617	196.7993	.2724757

#1	.1604377	.6207016	.0056832	-.000253	305.1587	-.001430	.3170157
#2	.1664399	.6612961	.0068504	.000024	313.0064	.000115	.3179564
#3	.1665405	.6736546	.0071085	.000329	315.2144	.000002	.3162309

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8527571	.0217498	.0103541	.0006364	.2742138	.4565451	.0020583
Stddev	.0141349	.0014824	.0010530	.0001859	.0009690	.0047922	.0020408
%RSD	1.657549	6.815756	10.16950	29.20876	.3533757	1.049655	99.14793

#1	.8375403	.0209864	.0093236	.0004248	.2751314	.4510126	.0020730
#2	.8654774	.0234583	.0103105	.0007111	.2743094	.4592201	.0040917
#3	.8552537	.0208047	.0114282	.0007733	.2732005	.4594025	.0000102

Sample Name: K4475-23 Acquired: 08/23/2019 22:28:22 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000670	.0026687	.1747351
Stddev	.000438	.0008907	.0020539
%RSD	65.36204	33.37707	1.175446

#1	-.000620	.0016404	.1724308
#2	-.000259	.0032003	.1754011
#3	-.001131	.0031655	.1763733

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1317.168	2211.041	28150.05	4419.391	2468.619
Stddev	9.964	5.168	236.18	32.147	3.282
%RSD	.7564948	.2337343	.8389896	.7273996	.1329624

#1	1317.508	2205.074	28248.22	4456.495	2471.154
#2	1307.038	2213.978	27880.62	4401.779	2464.911
#3	1326.957	2214.072	28321.31	4399.900	2469.791

Sample Name: CCV13 Acquired: 08/23/2019 22:39:54 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB8504 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.064583	5.064705	5.131665	5.032479	5.035217	10.33163	10.48554
Stddev	.011432	.020986	.011759	.015959	.007245	.11574	.09905
%RSD	.2257191	.4143553	.2291509	.3171173	.1438957	1.120224	.9446003

#1	5.077579	5.041227	5.122649	5.027603	5.037168	10.30284	10.42269
#2	5.056082	5.071247	5.127379	5.019527	5.027195	10.23300	10.43423
#3	5.060088	5.081640	5.144966	5.050307	5.041287	10.45904	10.59972

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2742308	2.609079	25.81496	1.037762	2.572233	1.247393	4.592149
Stddev	.0035762	.007854	.22428	.003304	.008379	.010316	.061787
%RSD	1.304065	.3010256	.8687917	.3184024	.3257349	.8269813	1.345499

#1	.2751898	2.603147	25.72247	1.037680	2.566636	1.243755	4.550787
#2	.2702730	2.606104	25.65171	1.034500	2.568198	1.239389	4.562486
#3	.2772297	2.617986	26.07069	1.041107	2.581866	1.259034	4.663175

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.282316	23.96108	2.570288	1.275891	26.44303	2.422398	2.565538
Stddev	.022585	.21623	.005242	.003663	.14825	.027163	.005140
%RSD	.9895852	.9024072	.2039410	.2871321	.5606275	1.121315	.2003435

#1	2.266415	23.88480	2.566185	1.272826	26.39612	2.408218	2.562415
#2	2.272365	23.79333	2.568485	1.279948	26.32390	2.405260	2.571471
#3	2.308168	24.20511	2.576193	1.274899	26.60905	2.453717	2.562729

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.57396	5.259819	5.400530	5.100511	5.067431	5.352980	5.141699
Stddev	.22191	.022232	.069259	.003750	.009221	.066475	.018008
%RSD	.8350795	.4226696	1.282442	.0735287	.1819578	1.241837	.3502419

#1	26.39584	5.237080	5.415596	5.101346	5.056852	5.371994	5.148271
#2	26.50350	5.260872	5.324979	5.096413	5.071681	5.279070	5.121328
#3	26.82255	5.281506	5.461016	5.103773	5.073760	5.407876	5.155498

Sample Name: CCV13 Acquired: 08/23/2019 22:39:54 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB8504 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.015616	5.227156	5.064302
Stddev	.038717	.055500	.098149
%RSD	.7719362	1.061763	1.938054

#1	4.995273	5.185615	5.003602
#2	4.991310	5.205665	5.011768
#3	5.060264	5.290188	5.177537

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1346.320	2247.753	28734.65	4435.092	2461.531
Stddev	14.992	3.501	194.80	27.876	3.184
%RSD	1.113556	.1557560	.6779124	.6285306	.1293518

#1	1342.169	2243.712	28683.69	4410.891	2460.317
#2	1333.841	2249.664	28570.41	4465.572	2465.144
#3	1362.950	2249.882	28949.87	4428.814	2459.133

Sample Name: K4487-01 Acquired: 08/23/2019 22:36:04 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: WC-PILE-0822 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011649	-.017684	14.76796	.0087627	.0087032	.2333693	.9412396
Stddev	.001106	.001712	.00726	.0013963	.0011651	.0113966	.0208118
%RSD	9.496147	9.681143	.0491478	15.93514	13.38660	4.883514	2.211101

#1	-.011008	-.019493	14.76770	.0072984	.0093689	.2202152	.9172404
#2	-.011012	-.016090	14.76083	.0089103	.0093828	.2396147	.9543142
#3	-.012926	-.017467	14.77534	.0100793	.0073579	.2402781	.9521644

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000131	.0065611	49.04898	-.004949	.0118426	1.510466	.8571298
Stddev	.000040	.0000117	1.30854	.000497	.0002568	.022316	.0262286
%RSD	30.60291	.1778696	2.667818	10.03274	2.168479	1.477400	3.060045

#1	-.000123	.0065745	47.54110	-.005522	.0118012	1.485340	.8271702
#2	-.000175	.0065533	49.88658	-.004668	.0116090	1.518082	.8682686
#3	-.000096	.0065554	49.71926	-.004657	.0121176	1.527977	.8759506

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2951978	5.824967	.0222692	-.000032	289.1588	-.004141	6.541348
Stddev	.0075825	.138564	.0001693	.000153	6.7894	.003263	.009287
%RSD	2.568612	2.378796	.7601414	486.9537	2.347992	78.80998	.1419810

#1	.2864594	5.679767	.0222675	-.000209	281.3487	-.001202	6.534865
#2	.2990930	5.839363	.0224393	.000052	293.6535	-.003568	6.551988
#3	.3000410	5.955771	.0221007	.000062	292.4743	-.007652	6.537190

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3646670	.0002888	.0218511	-.000451	.7039928	1.060370	.0010537
Stddev	.1176239	.0010871	.0004273	.000495	.0060948	.019126	.0017550
%RSD	32.25514	376.4873	1.955308	109.7547	.8657398	1.803748	166.5542

#1	.2318614	.0010929	.0223325	-.001013	.7003476	1.039055	.0005638
#2	.4557147	.0007215	.0217040	-.000266	.7006020	1.076035	-.000404
#3	.4064249	-.000948	.0215168	-.000075	.7110289	1.066019	.003002

Sample Name: K4487-01 Acquired: 08/23/2019 22:36:04 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: WC-PILE-0822 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001336	.0025919	.1082781
Stddev	.000227	.0003816	.0016687
%RSD	17.02406	14.72496	1.541144

#1	-.001598	.0027478	.1064636
#2	-.001219	.0028708	.1086237
#3	-.001191	.0021569	.1097469

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1303.400	2198.496	28299.36	4406.843	2458.674
Stddev	5.074	3.647	115.75	74.956	3.584
%RSD	.3893128	.1658873	.4090373	1.700908	.1457632

#1	1300.633	2197.860	28414.64	4493.158	2454.536
#2	1309.257	2202.418	28300.32	4358.142	2460.788
#3	1300.311	2195.208	28183.14	4369.229	2460.697

Sample Name: CC1B3 Acquired: 08/23/2019 22:43:34 Type: Unk
Method: NON EPA-6010-200.7(v149) 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	.0019720	.0021047	.0000252	.0009490	-.000618	.0069432	.0013813
Stddev	.0039886	.0031795	.0006148	.0004144	.000680	.0069614	.0005500
%RSD	202.2635	151.0693	2443.064	43.67289	109.9871	100.2615	39.81920

#1	.0001782	-.001237	-.000288	.0012210	-.001400	.0059687	.0015965
#2	-.000805	.002460	.000733	.0004720	-.000292	.0143406	.0017912
#3	.006542	.005092	-.000370	.0011539	-.000163	.0005204	.0007562

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000023	.0001007	.0037691	-.000096	.0003397	-.001872	-.003508
Stddev	.000023	.0001474	.0120800	.000382	.0004294	.002165	.005707
%RSD	101.0240	146.2805	320.4994	396.7901	126.4105	115.6066	162.6805

#1	-.000048	.0001690	.0169269	.000170	.0006745	-.000937	-.006114
#2	-.000004	.0002016	.0012003	-.000534	-.000144	-.000333	.003037
#3	-.000016	-.000068	-.006820	.000075	.000489	-.004347	-.007447

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000799	.0039216	.0002140	-.000004	.0713386	-.002982	.0006444
Stddev	.0001198	.0138451	.0001897	.000386	.1872673	.001496	.0002954
%RSD	149.9856	353.0473	88.64506	8624.095	262.5050	50.15674	45.84008

#1	.0002176	.0067531	.0002931	.000139	.0966648	-.003832	.0008060
#2	-.000001	.0161320	.0003513	-.000442	.2446538	-.001255	.0008239
#3	.000023	-.011120	-.000002	.000290	-.127303	-.003859	.0003035

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2885501	.0010772	.0087440	.0004876	-.005704	.0059793	.0018504
Stddev	.0856268	.0005525	.0009548	.0004233	.000800	.0001960	.0016548
%RSD	29.67484	51.29100	10.91992	86.79993	14.02296	3.278540	89.42526

#1	.2009473	.0009398	.0094945	.0005447	-.004795	.0062055	.0033730
#2	.3720536	.0016854	.0090683	.0000387	-.006297	.0058589	.0000894
#3	.2926493	.0006063	.0076693	.0008795	-.006021	.0058736	.0020890

Sample Name: CC1B3 Acquired: 08/23/2019 22:43:34 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000470	.0003337	.0001989
Stddev	.001446	.0012727	.0001043
%RSD	307.6811	381.3670	52.41129

#1	-.000248	-.000551	.0002776
#2	.000852	-.000240	.0002385
#3	-.002014	.001792	.0000807

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1359.053	2255.951	28573.60	4413.926	2389.000
Stddev	10.625	2.890	48.78	62.467	5.488
%RSD	.7817654	.1281243	.1707085	1.415235	.2297300

#1	1356.785	2253.953	28614.30	4443.167	2386.306
#2	1349.746	2259.265	28519.53	4342.202	2395.315
#3	1370.629	2254.635	28586.97	4456.411	2385.380

Sample Name: K4490-04 Acquired: 08/23/2019 22:47:29 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: STUCCO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004599	-.011744	.0149718	.0092231	.0044971	.1185188	.1521109
Stddev	.001115	.001397	.0019471	.0013190	.0028954	.0030576	.0008557
%RSD	24.24167	11.89418	13.00473	14.30112	64.38212	2.579878	.5625644

#1	-.005863	-.010490	.0160826	.0106984	.0067566	.1194173	.1511283
#2	-.003755	-.013249	.0127236	.0081576	.0055015	.1210265	.1526920
#3	-.004178	-.011492	.0161093	.0088134	.0012333	.1151126	.1525125

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000150	-.000070	188.8731	.0053372	-.000586	-.001026	-.002107
Stddev	.000029	.000104	1.0196	.0000909	.000257	.001594	.007378
%RSD	19.50391	148.1857	.5398511	1.703825	43.89325	155.3859	350.1718

#1	-.000139	-.000136	187.9448	.0054421	-.000396	.000812	.000386
#2	-.000184	-.000124	188.7102	.0052816	-.000483	-.002039	.003702
#3	-.000129	.000050	189.9644	.0052877	-.000879	-.001850	-.010409

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0447775	2.789548	.0043159	.0002469	355.7785	.0003046	.2979061
Stddev	.0001606	.029379	.0006224	.0003146	2.5384	.0021885	.0008580
%RSD	.3586118	1.053180	14.42040	127.4207	.7134837	718.4926	.2880271

#1	.0447009	2.801058	.0042724	.0004608	352.8739	.0001573	.2969946
#2	.0449621	2.756157	.0037165	.0003944	356.8905	.0025630	.2980256
#3	.0446697	2.811430	.0049589	-.000114	357.5712	-.001807	.2986982

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8546025	.0100637	.0720410	.0005003	3.905588	4.891804	-.001925
Stddev	.0530604	.0009187	.0010137	.0002730	.014714	.045557	.002010
%RSD	6.208783	9.129079	1.407159	54.56172	.3767371	.9312874	104.4124

#1	.8129533	.0101729	.0731846	.0003364	3.918157	4.943294	.000167
#2	.8365116	.0109230	.0716854	.0008154	3.889403	4.875389	-.002100
#3	.9143426	.0090953	.0712530	.0003491	3.909203	4.856730	-.003842

Sample Name: K4490-04 Acquired: 08/23/2019 22:47:29 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: STUCCO Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003772	.0034081	.8714137
Stddev	.000807	.0010924	.0072412
%RSD	21.40006	32.05257	.8309666

#1	-.002921	.0031190	.8633844
#2	-.003868	.0024893	.8734078
#3	-.004527	.0046159	.8774488

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1291.377	2191.520	27891.81	4358.921	2443.943
Stddev	4.425	1.153	113.48	39.584	7.419
%RSD	.3426596	.0526241	.4068503	.9081105	.3035521

#1	1294.457	2191.937	28014.00	4314.397	2435.977
#2	1286.306	2190.216	27789.72	4372.236	2445.199
#3	1293.367	2192.406	27871.71	4390.131	2450.654

Sample Name: K4490-09 Acquired: 08/23/2019 22:55:11 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BRICK-AND-PA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003619	-.015721	.0044805	.0114116	.0037040	.0786543	.0673625
Stddev	.000783	.003475	.0020485	.0023996	.0002773	.0155618	.0004998
%RSD	21.63987	22.10275	45.72074	21.02800	7.485490	19.78500	.7420047

#1	-.002761	-.016105	.0047268	.0123267	.0033838	.0733922	.0667868
#2	-.004295	-.012071	.0023200	.0086891	.0038608	.0961649	.0676868
#3	-.003801	-.018988	.0063947	.0132191	.0038673	.0664059	.0676138

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000243	-.000002	210.0473	.0025324	-.000050	.0015502	-.016860
Stddev	.000044	.000052	3.5195	.0001211	.000150	.0014905	.007013
%RSD	18.07530	2447.222	1.675554	4.782908	301.7956	96.14741	41.59344

#1	-.000193	.000019	206.1485	.0023925	-.000030	.0011678	-.017450
#2	-.000259	-.000061	211.0037	.0026005	-.000209	.0031947	-.009572
#3	-.000277	.000035	212.9896	.0026041	.000090	.0002882	-.023560

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0974673	14.72732	.0034939	.0003535	313.8079	-.001418	.0722705
Stddev	.0023237	.22530	.0003669	.0002735	4.0043	.004194	.0004892
%RSD	2.384056	1.529792	10.50196	77.37164	1.276021	295.7195	.6768841

#1	.0948337	14.47564	.0032568	.0006681	309.3466	-.005911	.0719274
#2	.0983396	14.79614	.0033084	.0001713	314.9863	-.000736	.0720535
#3	.0992287	14.91018	.0039166	.0002212	317.0907	.002393	.0728307

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.34352	.0145133	.0577974	.0032808	27.80474	2.517867	-.001553
Stddev	.09324	.0020480	.0014696	.0003657	.04193	.034758	.001048
%RSD	.8219705	14.11108	2.542631	11.14611	.1507947	1.380440	67.45116

#1	11.24712	.0156735	.0564658	.0029088	27.76417	2.487673	-.000995
#2	11.35020	.0157178	.0593741	.0036398	27.80214	2.555862	-.000903
#3	11.43324	.0121487	.0575522	.0032937	27.84790	2.510066	-.002762

Sample Name: K4490-09 Acquired: 08/23/2019 22:55:11 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BRICK-AND-PA Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005494	.0057488	.9462635
Stddev	.000404	.0003608	.0094890
%RSD	7.352044	6.275199	1.002783

#1	-.005948	.0060744	.9362074
#2	-.005175	.0058110	.9475238
#3	-.005358	.0053610	.9550594

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1284.133	2158.055	27590.61	4381.015	2413.500
Stddev	7.532	8.513	158.69	37.081	7.640
%RSD	.5865189	.3944569	.5751651	.8463919	.3165478

#1	1281.860	2151.938	27421.47	4423.359	2419.989
#2	1292.539	2154.450	27736.22	4354.346	2405.080
#3	1277.999	2167.777	27614.14	4365.341	2415.432

Sample Name: K4490-06 Acquired: 08/23/2019 22:51:20 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: STUCCO-AND-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007161	-.017065	.0034745	.0106692	.0042764	.0842355	.1720228
Stddev	.000949	.001859	.0017517	.0013784	.0011312	.0210400	.0024043
%RSD	13.25167	10.89276	50.41712	12.91889	26.45261	24.97764	1.397651

#1	-.006066	-.015347	.0020261	.0107008	.0036575	.0893427	.1695056
#2	-.007756	-.016810	.0054215	.0092754	.0035897	.0611120	.1722673
#3	-.007659	-.019039	.0029758	.0120316	.0055821	.1022517	.1742955

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000229	-.000268	186.4703	.0015465	-.002275	-.001582	-.018129
Stddev	.000073	.000035	3.0083	.0003163	.000393	.002800	.007588
%RSD	31.97782	12.99623	1.613306	20.45308	17.25884	176.9500	41.85804

#1	-.000307	-.000231	183.2718	.0012713	-.002684	-.003591	-.025279
#2	-.000221	-.000300	186.8959	.0018921	-.002240	.001616	-.018940
#3	-.000161	-.000273	189.2431	.0014763	-.001901	-.002771	-.010168

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231828	33.33747	.0010505	.0001570	322.7338	-.004865	.1010589
Stddev	.0005801	.57825	.0003683	.0002858	5.6679	.001196	.0004936
%RSD	2.502250	1.734531	35.05708	182.0936	1.756201	24.59317	.4883745

#1	.0228217	32.71854	.0014679	.0000845	316.2428	-.005039	.1007318
#2	.0228748	33.43000	.0007712	.0004721	325.2555	-.003591	.1008182
#3	.0238519	33.86388	.0009124	-.000086	326.7033	-.005965	.1016266

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.004269	.0073916	.0888258	.0017077	4.637759	2.519219	-.000598
Stddev	.052878	.0023868	.0015022	.0002364	.016906	.018706	.000540
%RSD	2.638273	32.29080	1.691118	13.84070	.3645400	.7425184	90.21469

#1	1.948751	.0046388	.0880476	.0019072	4.657057	2.498102	-.001086
#2	2.054037	.0086508	.0905574	.0014466	4.625557	2.533709	-.000690
#3	2.010020	.0088850	.0878725	.0017693	4.630663	2.525845	-.000019

Sample Name: K4490-06 Acquired: 08/23/2019 22:51:20 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: STUCCO-AND-B Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004575	.0046727	.1509121
Stddev	.000906	.0008054	.0030273
%RSD	19.80884	17.23707	2.006008

#1	-.003999	.0045926	.1475191
#2	-.005619	.0055153	.1518804
#3	-.004106	.0039104	.1533368

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1271.607	2161.541	27439.67	4375.550	2419.690
Stddev	4.079	5.629	51.30	31.238	7.297
%RSD	.3207740	.2604135	.1869592	.7139136	.3015685

#1	1274.178	2156.214	27467.82	4411.253	2412.221
#2	1273.740	2160.980	27380.45	4353.257	2420.048
#3	1266.904	2167.430	27470.72	4362.138	2426.802

Sample Name: K4493-23 Acquired: 08/23/2019 22:59:03 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T9-12-13-H- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012255	-.017680	.0268573	.0080780	.0037052	.0857898	.0573321
Stddev	.005004	.000709	.0005910	.0004222	.0013359	.0064301	.0010447
%RSD	40.83680	4.007501	2.200585	5.226006	36.05354	7.495175	1.822186

#1	-.009343	-.016898	.0274995	.0084286	.0037196	.0836173	.0561622
#2	-.009388	-.017862	.0267362	.0081960	.0023622	.0807274	.0581719
#3	-.018033	-.018279	.0263362	.0076094	.0050338	.0930247	.0576621

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000221	.0005355	2.062101	.0022745	.0016519	.0345140	.0328520
Stddev	.000078	.0001001	.017016	.0006379	.0001122	.0016023	.0149276
%RSD	35.37115	18.69783	.8251922	28.04546	6.792560	4.642444	45.43893

#1	-.000146	.0005573	2.046235	.0015559	.0015224	.0337991	.0496264
#2	-.000302	.0006230	2.059995	.0024937	.0017155	.0363493	.0278995
#3	-.000216	.0004263	2.080071	.0027739	.0017179	.0333937	.0210301

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0404249	.3701461	.0029772	-.000122	306.9484	-.001920	.6274712
Stddev	.0008858	.0520593	.0002566	.000360	2.8278	.000426	.0027647
%RSD	2.191160	14.06453	8.619136	295.8328	.9212577	22.20408	.4406079

#1	.0394619	.3512121	.0031946	.000013	303.9853	-.002316	.6305816
#2	.0406080	.3302036	.0026941	-.000529	307.2419	-.001469	.6252933
#3	.0412048	.4290226	.0030429	.000152	309.6180	-.001974	.6265388

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3028529	.0596590	.0100721	.0007845	.1330318	.1968279	.0027096
Stddev	.0438143	.0007333	.0006293	.0004373	.0020603	.0056739	.0003100
%RSD	14.46718	1.229135	6.247395	55.74701	1.548714	2.882653	11.44085

#1	.3374643	.0593800	.0106379	.0004694	.1343866	.1977782	.0023573
#2	.3175039	.0591061	.0101841	.0006003	.1340478	.2019666	.0028309
#3	.2535905	.0604908	.0093945	.0012838	.1306608	.1907389	.0029407

Sample Name: K4493-23 Acquired: 08/23/2019 22:59:03 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: T9-12-13-H- Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007650	.0013723	.0076120
Stddev	.0004420	.0013143	.0001286
%RSD	57.77616	95.76866	1.689829

#1	.0011363	.0027017	.0074705
#2	.0008825	.0013416	.0077219
#3	.0002761	.0000737	.0076434

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1310.559	2218.914	28128.66	4438.768	2473.303
Stddev	8.855	6.242	170.56	5.272	5.015
%RSD	.6756405	.2813170	.6063630	.1187729	.2027517

#1	1314.735	2213.625	28101.73	4444.854	2467.982
#2	1316.554	2217.318	28311.08	4435.817	2473.984
#3	1300.389	2225.799	27973.16	4435.632	2477.942

Sample Name: K4493-26 Acquired: 08/23/2019 23:02:57 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T9-12-13-I- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010738	-.015662	.0128474	.0088438	.0048738	.0566932	.0513279
Stddev	.002891	.001004	.0013187	.0008768	.0006009	.0053815	.0004013
%RSD	26.92018	6.412417	10.26464	9.913729	12.32996	9.492274	.7817538

#1	-.008534	-.014520	.0115242	.0079790	.0052225	.0506907	.0508648
#2	-.009669	-.016409	.0141616	.0097321	.0052191	.0583024	.0515481
#3	-.014011	-.016055	.0128565	.0088202	.0041799	.0610865	.0515709

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000274	.0003016	1.622320	.0000824	.0001940	.0210863	.0118599
Stddev	.000062	.0000322	.027397	.0002838	.0000858	.0030588	.0036008
%RSD	22.53648	10.67006	1.688751	344.3166	44.22043	14.50599	30.36118

#1	-.000205	.0002667	1.592052	-.000073	.0002543	.0178120	.0101291
#2	-.000323	.0003081	1.645421	-.000090	.0002320	.0215766	.0159993
#3	-.000293	.0003301	1.629488	.000410	.0000958	.0238703	.0094513

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0335264	.4313999	.0019527	-.000214	252.3860	-.001821	.3603670
Stddev	.0005858	.0110494	.0002901	.000124	4.7602	.002081	.0016932
%RSD	1.747426	2.561299	14.85443	57.92118	1.886098	114.2861	.4698450

#1	.0328707	.4427726	.0022498	-.000273	246.8897	-.000675	.3590272
#2	.0339982	.4207049	.0019378	-.000297	255.0795	-.004224	.3622700
#3	.0337102	.4307223	.0016703	-.000072	255.1888	-.000564	.3598037

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1351258	.0272994	.0097381	.0005738	.1034300	.1515568	.0027644
Stddev	.0807734	.0017622	.0007364	.0005527	.0034030	.0012324	.0002721
%RSD	59.77646	6.454982	7.562267	96.32550	3.290120	.8131436	9.842736

#1	.1337718	.0282230	.0097023	.0004464	.1046291	.1505781	.0030691
#2	.2165677	.0252675	.0104917	.0011790	.0995898	.1511516	.0026782
#3	.0550379	.0284079	.0090202	.0000959	.1060711	.1529408	.0025458

Sample Name: K4493-26 Acquired: 08/23/2019 23:02:57 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T9-12-13-I- Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000162	.0003099	.0082087
Stddev	.000986	.0007308	.0001845
%RSD	609.2048	235.8286	2.247530

#1	-.000554	.0006365	.0080029
#2	.000959	.0008205	.0082639
#3	-.000891	-.000527	.0083592

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1323.421	2215.661	28329.18	4465.836	2468.753
Stddev	5.755	3.831	113.42	48.771	11.494
%RSD	.4348810	.1729002	.4003809	1.092087	.4655680

#1	1317.311	2211.260	28245.86	4518.781	2456.341
#2	1324.212	2218.243	28458.35	4422.743	2470.891
#3	1328.740	2217.482	28283.31	4455.984	2479.028

Sample Name: K4493-32 Acquired: 08/23/2019 23:10:42 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T9-12-13-K1- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008162	-.015650	.0992930	.0101236	.0047353	.1530009	.1868550
Stddev	.001105	.001278	.0022858	.0007995	.0022960	.0059164	.0028707
%RSD	13.54072	8.167937	2.302032	7.897005	48.48584	3.866884	1.536306

#1	-.009343	-.016572	.0977728	.0092070	.0068081	.1546617	.1835903
#2	-.007154	-.016187	.0981847	.0106765	.0051304	.1464316	.1879899
#3	-.007989	-.014191	.1019217	.0104874	.0022674	.1579094	.1889846

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000255	.0040506	81.05991	.0018000	.0009436	.0210269	.1067611
Stddev	.000058	.0000400	1.35960	.0005120	.0002845	.0007746	.0050602
%RSD	22.69022	.9868228	1.677279	28.44458	30.14795	3.684023	4.739723

#1	-.000213	.0040963	79.51929	.0023572	.0010262	.0217984	.1054263
#2	-.000231	.0040220	81.56869	.0013502	.0006270	.0202492	.1025022
#3	-.000321	.0040336	82.09173	.0016927	.0011777	.0210330	.1123549

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1747745	2.929191	.0033265	.0000467	267.9358	-.002689	.2555633
Stddev	.0029745	.043782	.0006133	.0004265	4.5792	.004550	.0008032
%RSD	1.701923	1.494695	18.43669	914.2915	1.709079	169.2249	.3142811

#1	.1716074	2.878709	.0039026	.0004170	262.6685	.002503	.2560819
#2	.1775091	2.956787	.0033950	-.000420	270.9705	-.004589	.2546381
#3	.1752068	2.952078	.0026818	.000143	270.1684	-.005981	.2559699

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4701558	.0220644	.0196536	.0008726	.3125425	.4255540	-.001513
Stddev	.0364963	.0004779	.0004803	.0005449	.0008279	.0017871	.000851
%RSD	7.762598	2.165763	2.443814	62.45272	.2648923	.4199389	56.23172

#1	.4702317	.0223764	.0190996	.0004267	.3133224	.4258702	-.001681
#2	.5066141	.0215143	.0199526	.0014800	.3116738	.4271618	-.000591
#3	.4336216	.0223025	.0199086	.0007110	.3126315	.4236299	-.002267

Sample Name: K4493-32 Acquired: 08/23/2019 23:10:42 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T9-12-13-K1- Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0029143	.0008987	.1470745
Stddev	.0011092	.0005356	.0015476
%RSD	38.05988	59.60054	1.052259

#1	.0016518	.0005386	.1453073
#2	.0037323	.0006433	.1477277
#3	.0033586	.0015143	.1481884

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1301.231	2196.742	28162.57	4421.842	2448.909
Stddev	8.224	9.051	194.98	28.012	7.529
%RSD	.6320250	.4120158	.6923491	.6334863	.3074304

#1	1310.651	2188.340	28365.27	4452.791	2440.773
#2	1297.565	2195.559	27976.35	4398.226	2450.326
#3	1295.478	2206.326	28146.09	4414.509	2455.629

Sample Name: K4493-29 Acquired: 08/23/2019 23:06:50 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T9-12-13-J- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013735	-.014745	.0152106	.0089926	.0045096	.0982781	.0931975
Stddev	.001648	.001604	.0017575	.0019663	.0003340	.0093994	.0008419
%RSD	11.99822	10.87699	11.55460	21.86520	7.406006	9.564072	.9033413

#1	-.013106	-.016146	.0170174	.0082207	.0043788	.0895461	.0926688
#2	-.015604	-.012995	.0135069	.0075295	.0042608	.0970618	.0927554
#3	-.012494	-.015094	.0151074	.0112277	.0048892	.1082264	.0941683

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000209	.0038849	.8820453	.0004652	.0019110	.0494184	.0620569
Stddev	.000043	.0000519	.0069794	.0003918	.0001025	.0023207	.0031204
%RSD	20.37427	1.334735	.7912782	84.21388	5.364957	4.696129	5.028291

#1	-.000227	.0038313	.8739894	.0006347	.0017932	.0467927	.0610636
#2	-.000239	.0038886	.8862718	.0000172	.0019801	.0502675	.0655530
#3	-.000160	.0039347	.8858747	.0007438	.0019597	.0511950	.0595540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0549600	.1014013	.0037667	-.000267	282.2415	-.002177	.8048476
Stddev	.0002522	.0126667	.0004031	.000430	2.8705	.002351	.0036548
%RSD	.4589464	12.49168	10.70275	161.0201	1.017022	108.0120	.4540931

#1	.0546696	.1082952	.0038554	-.000698	279.2838	-.004885	.8008200
#2	.0550855	.1091258	.0041181	.000162	282.4250	-.000668	.8079528
#3	.0551248	.0867829	.0033266	-.000265	285.0159	-.000977	.8057700

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2169526	.0147585	.0163439	.0006693	.1660113	.1772215	.0018581
Stddev	.0507389	.0011369	.0006538	.0000851	.0009187	.0033377	.0018047
%RSD	23.38711	7.703063	4.000452	12.71470	.5533676	1.883358	97.13066

#1	.2009607	.0160702	.0161633	.0006175	.1668306	.1734008	-.000167
#2	.2737608	.0141475	.0170690	.0006228	.1661851	.1795701	.003297
#3	.1761363	.0140577	.0157993	.0007675	.1650181	.1786936	.002444

Sample Name: K4493-29 Acquired: 08/23/2019 23:06:50 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T9-12-13-J- Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007917	.0010995	.0057298
Stddev	.0010755	.0011382	.0001062
%RSD	135.8471	103.5165	1.853182

#1	.0019767	-.000178	.0056072
#2	-.000123	.002005	.0057919
#3	.000521	.001472	.0057902

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1335.815	2235.441	28533.21	4447.520	2483.041
Stddev	9.582	5.286	146.85	21.832	1.775
%RSD	.7173220	.2364459	.5146475	.4908762	.0714695

#1	1340.466	2229.719	28379.04	4433.193	2481.854
#2	1324.795	2240.140	28549.14	4436.720	2485.081
#3	1342.185	2236.466	28671.43	4472.647	2482.188

Sample Name: CCB14 Acquired: 08/23/2019 23:18:15 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB15398 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001604	.0016942	.0008866	-.000148	.0000895	.0051528	.0011872
Stddev	.0022795	.0016845	.0015944	.001807	.0010200	.0070164	.0007522
%RSD	1421.356	99.42811	179.8361	1222.231	1140.213	136.1681	63.36460

#1	-.002159	.0024768	.0003374	.001251	.0001915	.0090317	.0018287
#2	.002398	.0028451	-.000361	.000494	.0010547	.0093733	.0013736
#3	.000242	-.000239	.002683	-.002188	-.000978	-.002947	.0003592

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000200	.0000423	.0022578	.0000696	.0003690	-.001899	-.007268
Stddev	.0000310	.0000742	.0076067	.0004298	.0002113	.000758	.004355
%RSD	155.0228	175.4904	336.9154	617.2146	57.26374	39.92321	59.92305

#1	.0000155	-.000040	-.004712	-.000426	.0001411	-.001105	-.011467
#2	.0000531	.000064	.010372	.000291	.0004075	-.002616	-.007565
#3	-.000009	.000103	.001113	.000344	.0005584	-.001976	-.002772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000010	-.008238	.0003868	.0001150	.1071063	-.003899	.0007401
Stddev	.000203	.015010	.0003031	.0004486	.2705735	.002468	.0000471
%RSD	2064.892	182.1954	78.37721	390.1540	252.6215	63.31741	6.359793

#1	.000093	.000925	.0007367	-.000394	.1146522	-.002378	.0007895
#2	-.000244	-.000080	.0002181	.000452	.3738278	-.002571	.0007351
#3	.000122	-.025561	.0002055	.000287	-.167161	-.006747	.0006957

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2427441	.0019691	.0075602	.0000803	-.007744	.0052988	.0019146
Stddev	.0161941	.0009735	.0004342	.0005473	.004834	.0016355	.0011626
%RSD	6.671283	49.43946	5.743658	681.6632	62.41662	30.86491	60.72322

#1	.2254553	.0015855	.0080239	-.000481	-.005028	.0071595	.0007462
#2	.2452180	.0030759	.0071632	.000110	-.004879	.0046480	.0019261
#3	.2575589	.0012458	.0074934	.000612	-.013325	.0040889	.0030713

Sample Name: CCB14 Acquired: 08/23/2019 23:18:15 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB15398 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000708	-.000166	.0001756
Stddev	.0007556	.000661	.0000348
%RSD	1067.679	399.3493	19.84073

#1	.0005329	-.000628	.0001995
#2	.0004805	-.000460	.0001356
#3	-.000801	.000592	.0001917

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1367.491	2256.911	28756.30	4437.177	2395.234
Stddev	8.704	8.512	119.28	26.176	4.115
%RSD	.6365247	.3771616	.4147873	.5899181	.1717944

#1	1368.031	2250.223	28832.37	4407.016	2395.467
#2	1375.913	2266.492	28817.70	4450.559	2399.228
#3	1358.529	2254.017	28618.83	4453.957	2391.008

Sample Name: CCV14 Acquired: 08/23/2019 23:14:36 Type: Unk
Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15398 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.023110	5.084294	5.129125	5.039301	5.029959	10.36906	10.46065
Stddev	.015825	.022054	.009313	.009600	.012278	.08944	.05571
%RSD	.3150464	.4337613	.1815721	.1905018	.2440890	.8625491	.5325776

#1	5.005084	5.059924	5.121493	5.028290	5.018391	10.27855	10.40634
#2	5.029527	5.102877	5.139502	5.043701	5.028644	10.37125	10.45793
#3	5.034718	5.090083	5.126379	5.045913	5.042841	10.45738	10.51766

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2738531	2.620884	25.86927	1.035666	2.570524	1.246022	4.623897
Stddev	.0020982	.005258	.27592	.002297	.002861	.006178	.032887
%RSD	.7661707	.2006340	1.066609	.2217897	.1113135	.4958229	.7112399

#1	.2714505	2.617132	25.64864	1.033017	2.567445	1.239485	4.596504
#2	.2747846	2.626894	25.78052	1.036871	2.573100	1.246817	4.614817
#3	.2753243	2.618626	26.17865	1.037110	2.571028	1.251764	4.660370

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.277638	23.91162	2.574038	1.272129	27.02061	2.423108	2.570391
Stddev	.019763	.19225	.004778	.004118	.21231	.020633	.009590
%RSD	.8676877	.8039859	.1856104	.3237332	.7857338	.8515166	.3730887

#1	2.256860	23.70287	2.570701	1.276088	26.78257	2.399332	2.580324
#2	2.279855	23.95062	2.579511	1.267868	27.19038	2.433674	2.561186
#3	2.296198	24.08138	2.571902	1.272431	27.08889	2.436319	2.569663

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.67450	5.191203	5.387433	5.080340	5.105662	5.298243	5.136279
Stddev	.16531	.008041	.043105	.009409	.020055	.043703	.014733
%RSD	.6197202	.1548906	.8001069	.1852097	.3927908	.8248601	.2868489

#1	26.48949	5.188613	5.341404	5.071706	5.089910	5.249080	5.119291
#2	26.80768	5.200219	5.394044	5.078945	5.128238	5.312965	5.143988
#3	26.72633	5.184776	5.426851	5.090369	5.098838	5.332684	5.145559

Sample Name: CCV14 Acquired: 08/23/2019 23:14:36 Type: Unk
 Method: NON EPA-6010-200.7(v149) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV15398 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.039334	5.243049	5.136094
Stddev	.036730	.048525	.050912
%RSD	.7288709	.9255137	.9912676

#1	4.999184	5.200432	5.077443
#2	5.047574	5.232853	5.161942
#3	5.071245	5.295862	5.168898

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1344.025	2251.219	28702.29	4434.990	2462.135
Stddev	16.831	1.826	242.37	16.995	3.728
%RSD	1.252306	.0811057	.8444189	.3832111	.1514115

#1	1326.284	2251.658	28443.72	4431.253	2460.097
#2	1359.768	2252.786	28924.31	4453.542	2459.870
#3	1346.025	2249.214	28738.85	4420.173	2466.438