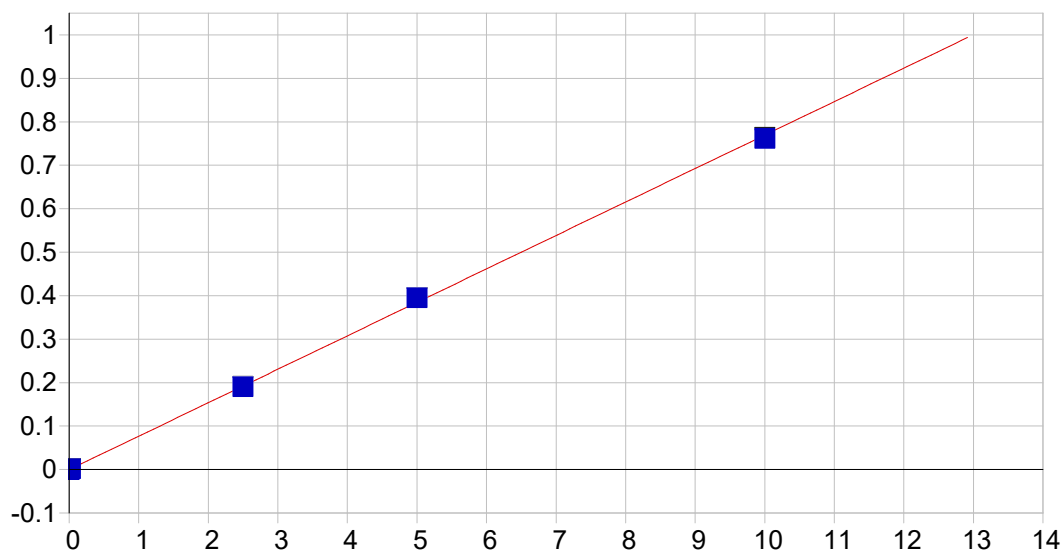


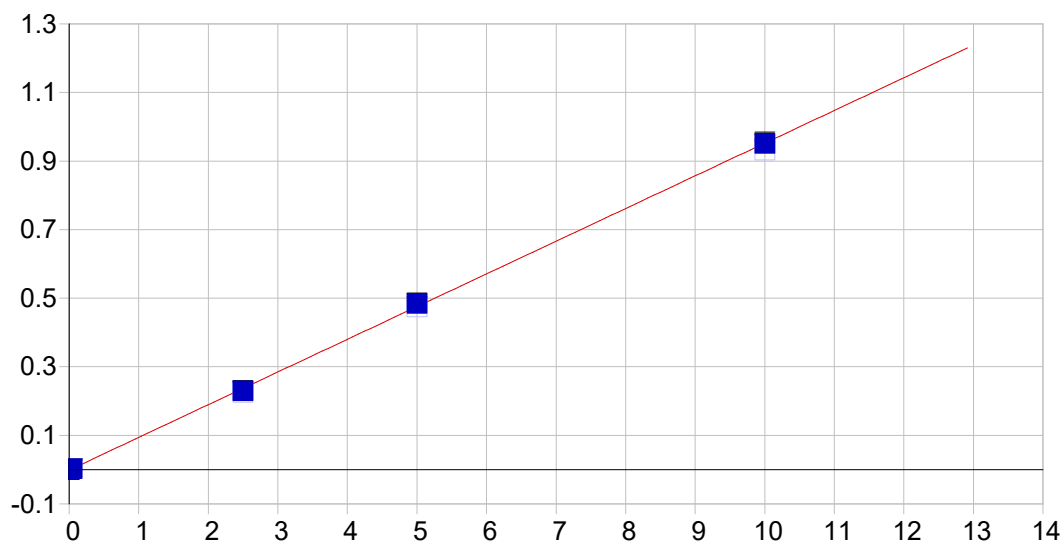


As 189.042 {479}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000279 Re-Slope: 1.000000
 A1 (Gain): 0.076978 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.003136
 Predicted MQL: 0.010452

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00028	.000	1
S1	.02000	.02200	.002	9.99	.00144	.000	1
S3	2.5000	2.4753	-.025	-.988	.19051	.001	1
S4	5.0000	5.1326	.133	2.65	.39531	.000	1
S5	10.000	9.8901	-.110	-1.10	.76202	.003	1

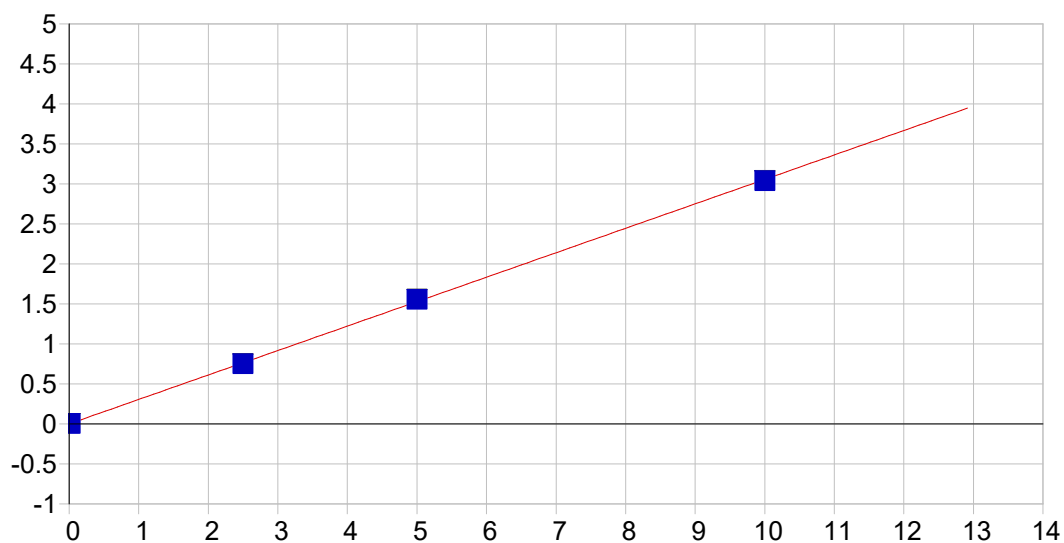


TI 190.856 {477}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001265 Re-Slope: 1.000000
 A1 (Gain): 0.095343 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.002994
 Predicted MQL: 0.009980

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00127	.000	1
S1	.04000	.03897	-.001	-2.56	.00229	.000	1
S3	2.5000	2.4198	-.080	-3.21	.22447	.001	1
S4	5.0000	5.0899	.090	1.80	.47406	.002	1
S5	10.000	9.9914	-.009	-.086	.93143	.004	1

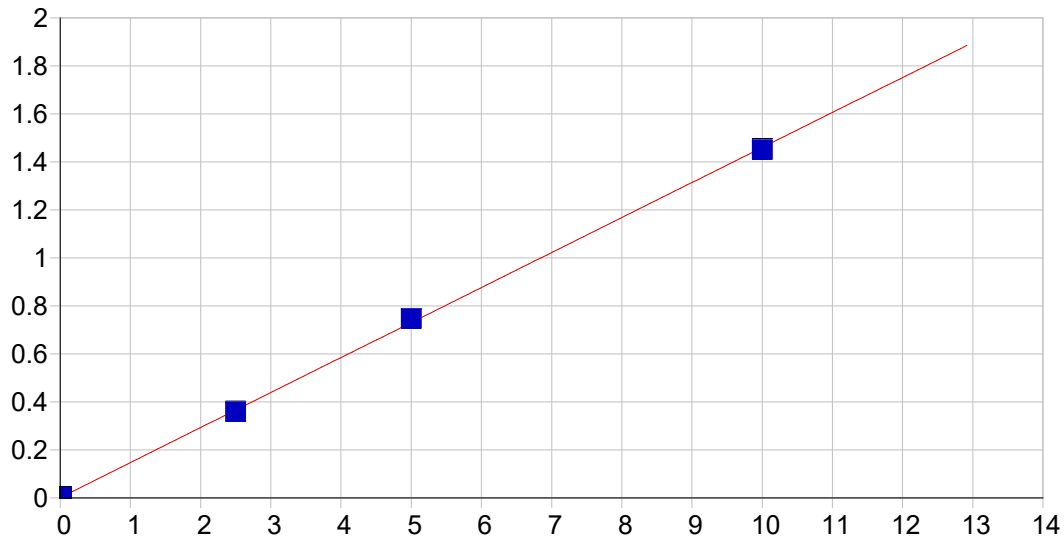


Pb 220.353 {453}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000298 Re-Slope: 1.000000
 A1 (Gain): 0.305617 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000074
 Predicted MDL: 0.002128
 Predicted MQL: 0.007093

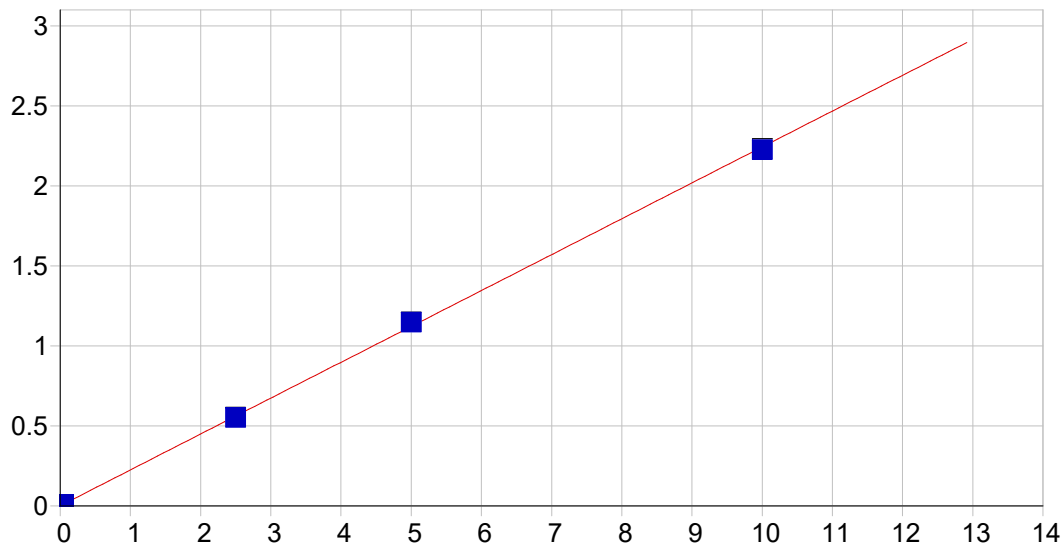
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00030	.000	1
S1	.01200	.01280	.001	6.69	.00413	.000	1
S3	2.5000	2.4535	-.047	-1.86	.74904	.003	1
S4	5.0000	5.0949	.095	1.90	1.5552	.002	1
S5	10.000	9.9509	-.049	-.491	3.0372	.003	1

**Se 196.090 {472}**

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001319 Re-Slope: 1.000000
 A1 (Gain): 0.145861 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999893 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.002233
 Predicted MQL: 0.007445

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00132	.000	1
S1	.02000	.02166	.002	8.31	.00447	.000	1
S3	2.5000	2.4515	-.049	-1.94	.35880	.002	1
S4	5.0000	5.1073	.107	2.15	.74609	.001	1
S5	10.000	9.9395	-.060	-.605	1.4507	.005	1

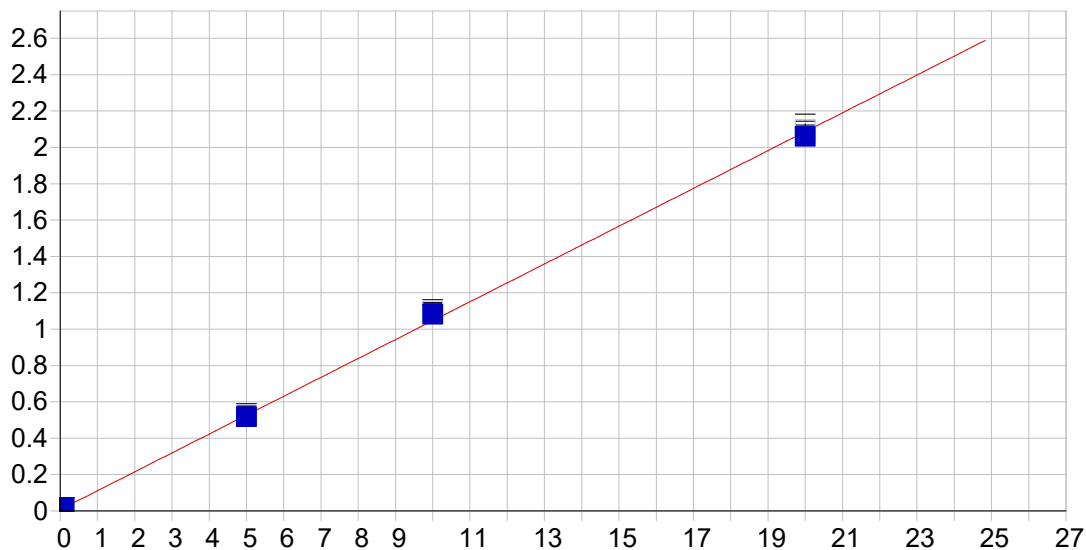


Sb 206.833 {463}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000649 Re-Slope: 1.000000
 A1 (Gain): 0.224247 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885 Status: OK.
 Std Error of Est: 0.000130
 Predicted MDL: 0.001854
 Predicted MQL: 0.006181

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00065	.000	1
S1	.05000	.05362	.004	7.23	.01264	.000	1
S3	2.5000	2.4602	-.040	-1.59	.55228	.003	1
S4	5.0000	5.1128	.113	2.26	1.1471	.000	1
S5	10.000	9.9234	-.077	-.766	2.2257	.006	1

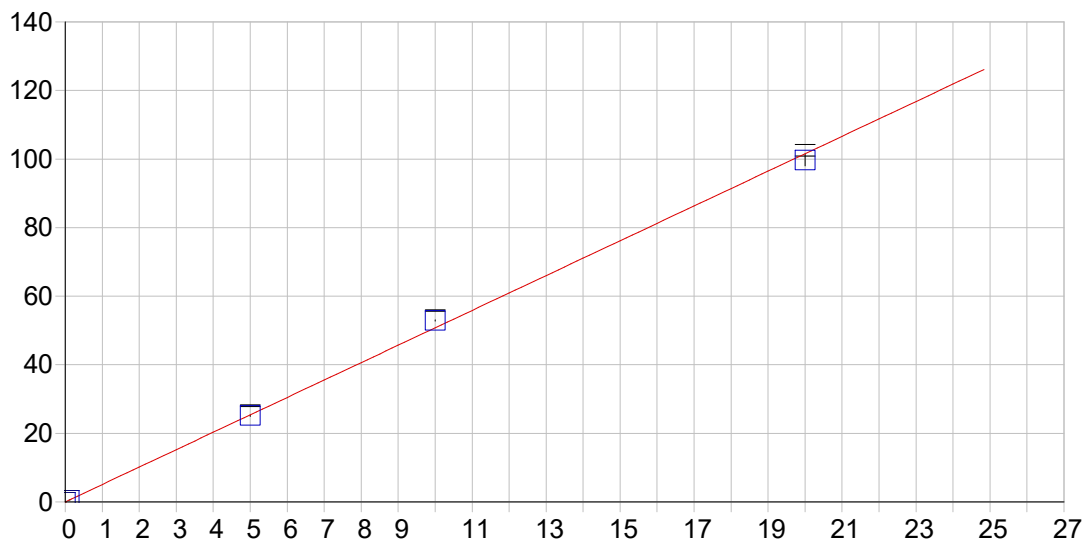


AI 396.152 { 85}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007121 Re-Slope: 1.000000
 A1 (Gain): 0.103960 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999768 Status: OK.
 Std Error of Est: 0.000174
 Predicted MDL: 0.011589
 Predicted MQL: 0.038630

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00712	.002	1
S1	.10000	.11407	.014	14.1	.01975	.000	1
S3	5.0000	4.9186	-.081	-1.63	.52812	.006	1
S4	10.000	10.322	.322	3.22	1.0995	.007	1
S5	20.000	19.745	-.255	-1.28	2.0984	.030	1

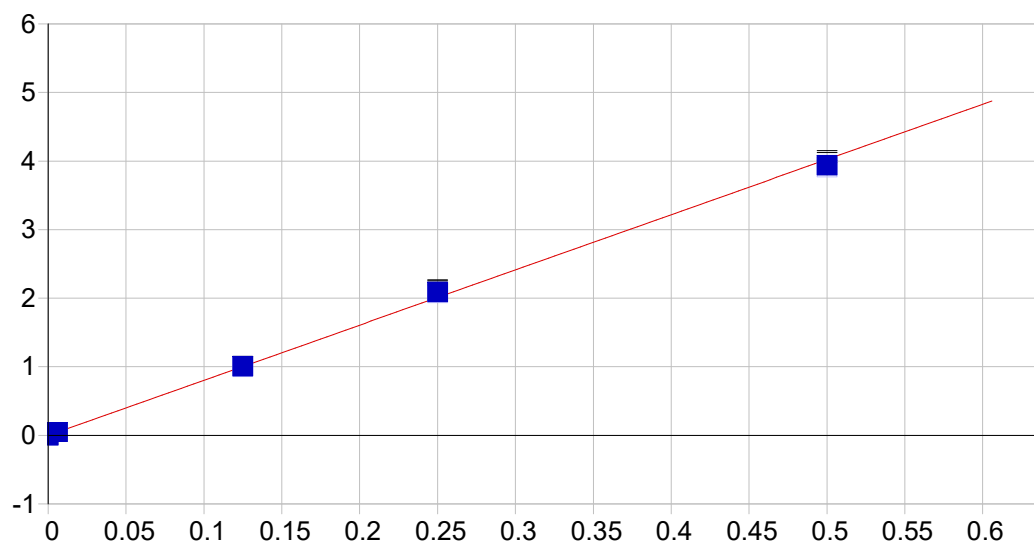


Ba 493.409 { 68}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004555 Re-Slope: 1.000000
 A1 (Gain): 5.077294 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999648 Status: OK.
 Std Error of Est: 0.010294
 Predicted MDL: 0.000546
 Predicted MQL: 0.001821

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00453	.002	1
S1	.10000	.10352	.004	3.52	.53017	.005	1
S3	5.0000	4.9535	-.047	-.930	25.155	.209	1
S4	10.000	10.415	.415	4.15	52.884	.176	1
S5	20.000	19.628	-.372	-1.86	99.662	1.68	1

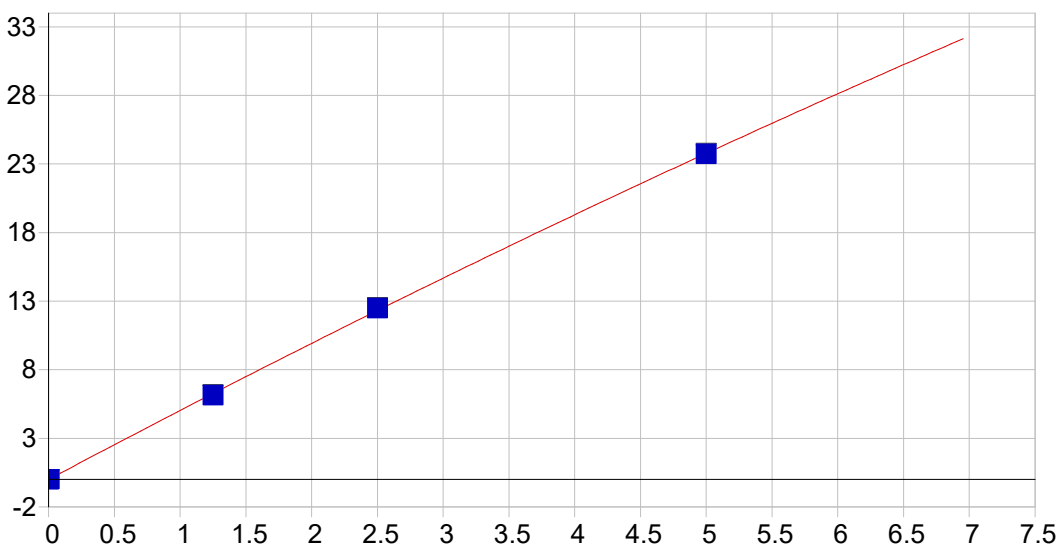


Be 234.861 {144}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002611 Re-Slope: 1.000000
 A1 (Gain): 8.050493 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999618 Status: OK.
 Std Error of Est: 0.000656
 Predicted MDL: 0.000068
 Predicted MQL: 0.000227

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00262	.001	1
S1	.00600	.00644	.000	7.39	.04872	.000	1
S3	.12500	.12520	.000	.162	.99857	.003	1
S4	.25000	.26004	.010	4.02	2.0773	.029	1
S5	.50000	.48932	-.011	-2.14	3.9096	.071	1

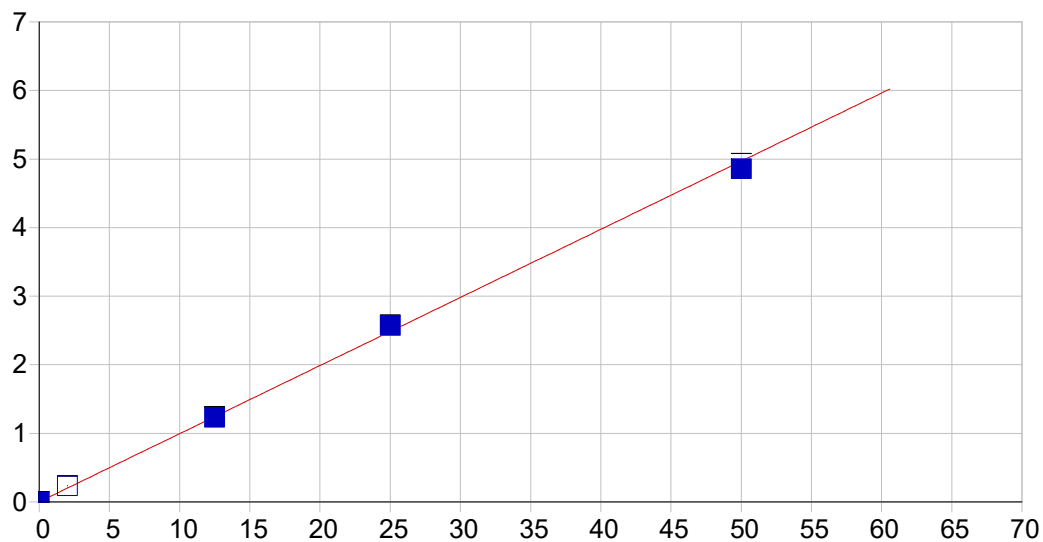


Cd 214.438 {457}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000674 Re-Slope: 1.000000
 A1 (Gain): 5.100152 Y-int: 0.000000
 A2 (Curvature): -0.068764
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.000607
 Predicted MDL: 0.000092
 Predicted MQL: 0.000307

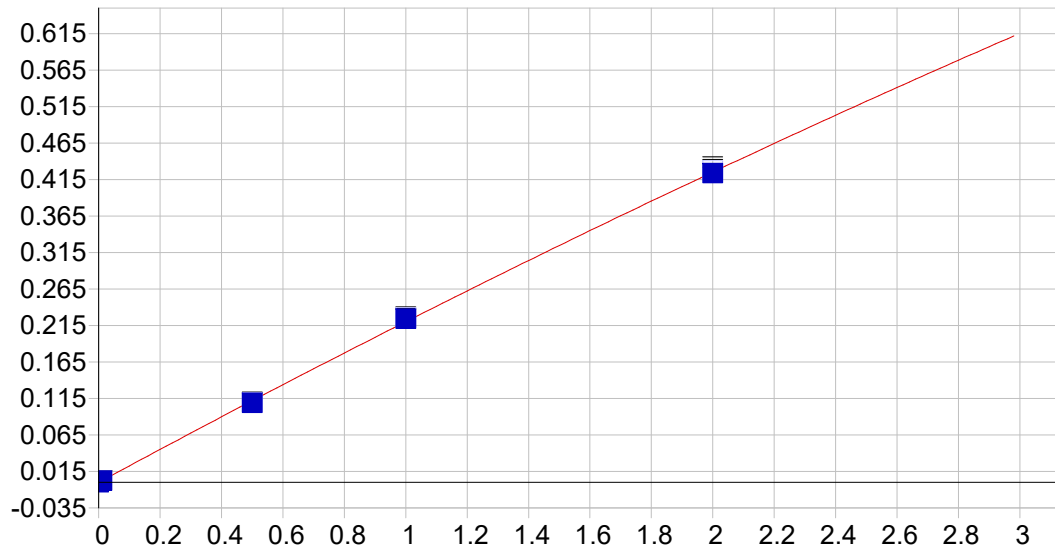
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00068	.000	1
S1	.00600	.00649	.000	8.10	.03242	.000	1
S3	1.2500	1.2261	-.024	-1.91	6.1497	.018	1
S4	2.5000	2.5361	.036	1.44	12.492	.022	1
S5	5.0000	4.9872	-.013	-.256	23.726	.054	1

**Ca 373.690 { 90}**

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001686 Re-Slope: 1.000000
 A1 (Gain): 0.099343 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999346 Status: OK.
 Std Error of Est: 0.001960
 Predicted MDL: 0.011764
 Predicted MQL: 0.039214

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00035	-.000	.000	.00165	.001	1
S2	2.0000	2.3447	.345	17.2	.23462	.002	1
S3	12.500	12.375	-.125	-.999	1.2306	.017	1
S4	25.000	25.889	.889	3.56	2.5726	.009	1
S5	50.000	48.891	-1.11	-2.22	4.8566	.080	1

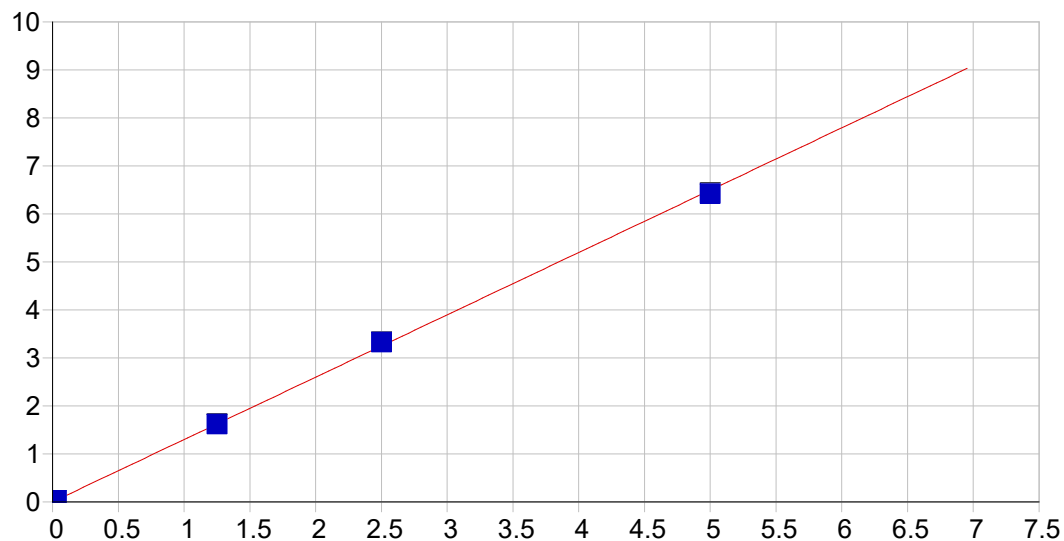


Cr 267.716 {126}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000072 Re-Slope: 1.000000
 A1 (Gain): 0.227689 Y-int: 0.000000
 A2 (Curvature): -0.007509
 n (Exponent): 1.000000
 Correlation: 0.999895 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.000555
 Predicted MQL: 0.001851

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.01000	.01014	.000	1.41	.00227	.000	1
S3	.50000	.48703	-.013	-2.59	.10984	.000	1
S4	1.0000	1.0199	.020	1.99	.22593	.001	1
S5	2.0000	1.9929	-.007	-.353	.42708	.005	1

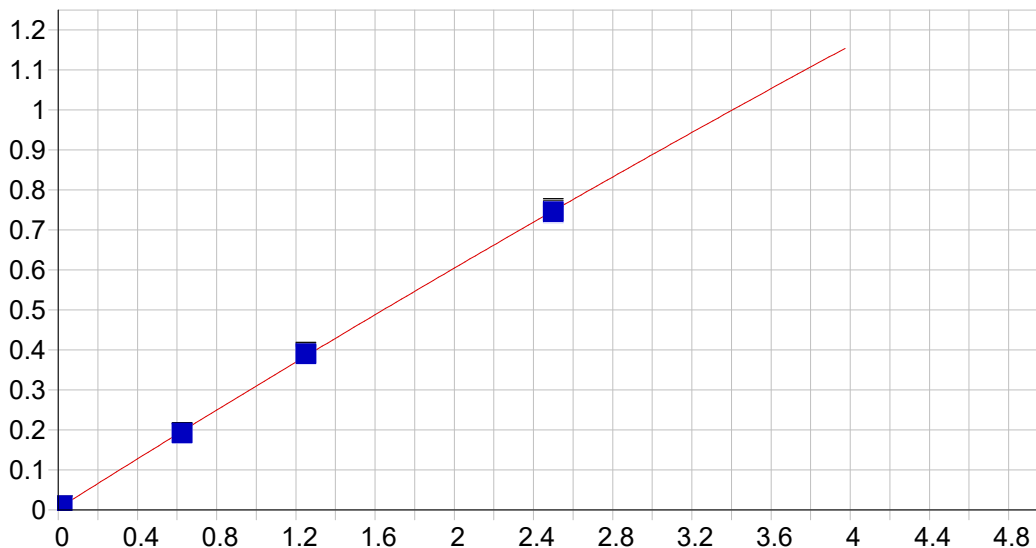


Co 228.616 {448}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000703 Re-Slope: 1.000000
 A1 (Gain): 1.298817 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874 Status: OK.
 Std Error of Est: 0.000433
 Predicted MDL: 0.000342
 Predicted MQL: 0.001140

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00070	.000	1
S1	.03000	.03220	.002	7.33	.04240	.000	1
S3	1.2500	1.2466	-.003	-.274	1.6232	.003	1
S4	2.5000	2.5589	.059	2.36	3.3311	.006	1
S5	5.0000	4.9423	-.058	-1.15	6.4334	.012	1

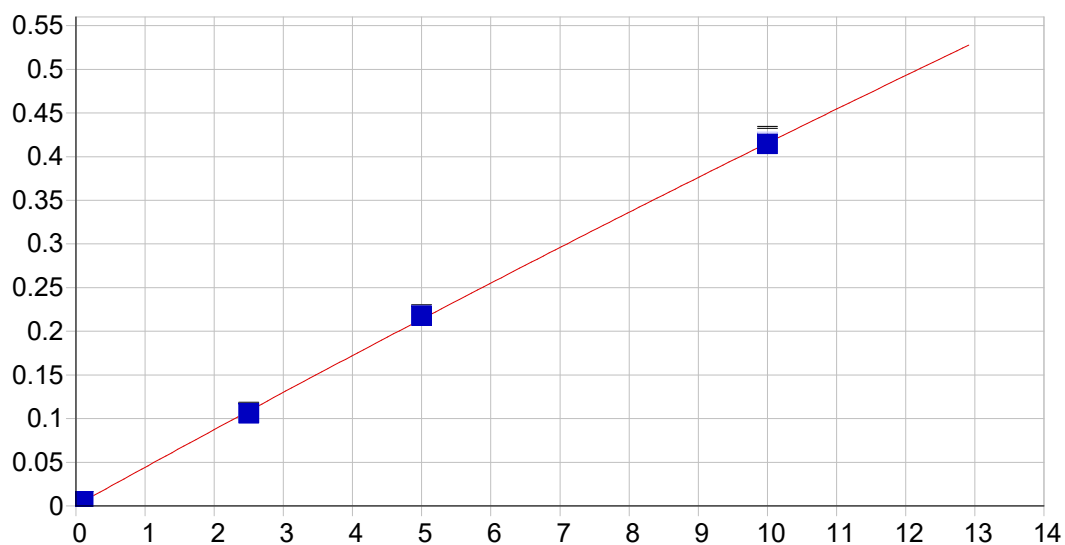


Cu 324.754 {104}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.004059 Re-Slope: 1.000000
 A1 (Gain): 0.311342 Y-int: 0.000000
 A2 (Curvature): -0.005505
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.002461
 Predicted MQL: 0.008202

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00406	.000	1
S1	.02000	.02021	.000	1.05	.01034	.001	1
S3	.62500	.61105	-.014	-2.23	.19123	.001	1
S4	1.2500	1.2710	.021	1.68	.38883	.004	1
S5	2.5000	2.4927	-.007	-.290	.74186	.008	1

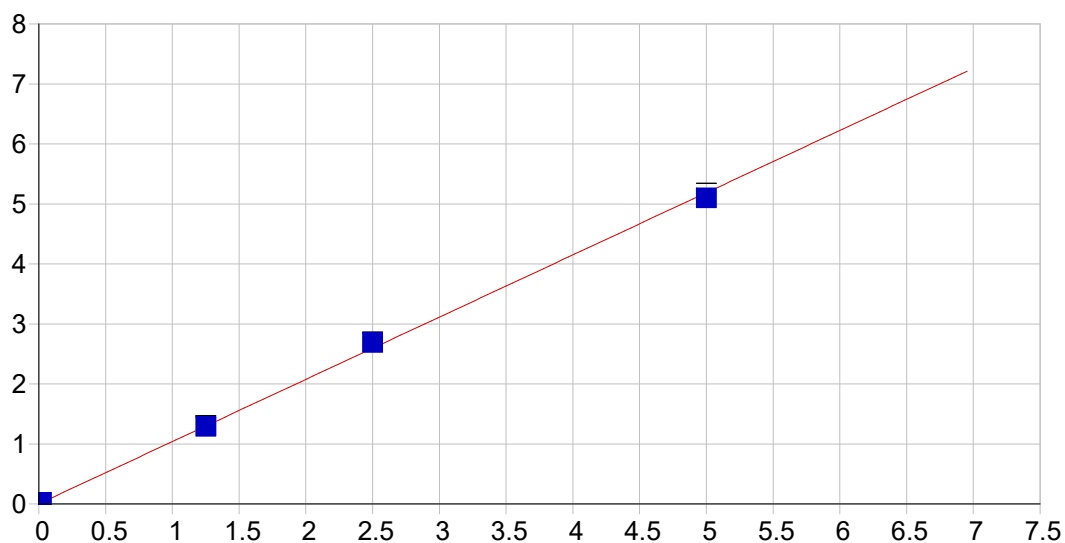


Fe 259.837 {130}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000596 Re-Slope: 1.000000
 A1 (Gain): 0.043847 Y-int: 0.000000
 A2 (Curvature): -0.000235
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.008327
 Predicted MQL: 0.027755

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00060	.000	1
S1	.10000	.10772	.008	7.72	.00533	.000	1
S3	2.5000	2.4337	-.066	-2.65	.10645	.001	1
S4	5.0000	5.0863	.086	1.73	.21860	.001	1
S5	10.000	9.9723	-.028	-.277	.41660	.007	1

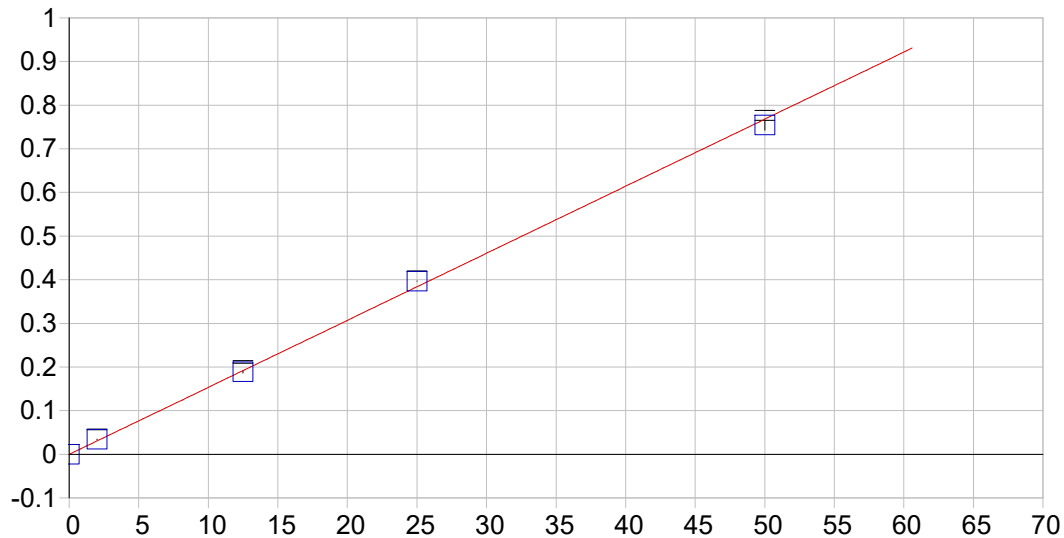


Mn 257.610 {131}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001218 Re-Slope: 1.000000
A1 (Gain): 1.037145 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999702 Status: OK.
Std Error of Est: 0.000433
Predicted MDL: 0.000401
Predicted MQL: 0.001336

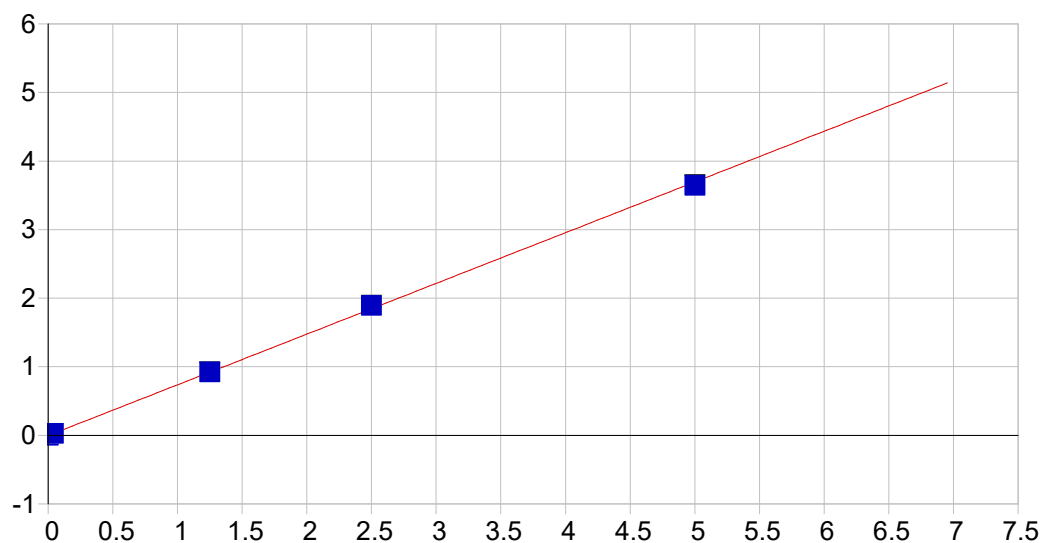
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00122	.000	1
S1	.02000	.02201	.002	10.1	.02406	.000	1
S3	1.2500	1.2425	-.007	-.597	1.2901	.017	1
S4	2.5000	2.5930	.093	3.72	2.6909	.007	1
S5	5.0000	4.9125	-.088	-1.75	5.0971	.082	1

**Mg 279.079 {121}**

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000279 Re-Slope: 1.000000
A1 (Gain): 0.015365 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999597 Status: OK.
Std Error of Est: 0.000238
Predicted MDL: 0.028568
Predicted MQL: 0.095226

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00023	-.000	.000	-.00028	.000	1
S2	2.0000	2.2249	.225	11.2	.03391	.001	1
S3	12.500	12.324	-.176	-1.41	.18908	.003	1
S4	25.000	25.843	.843	3.37	.39679	.000	1
S5	50.000	49.108	-.892	-1.78	.75427	.011	1

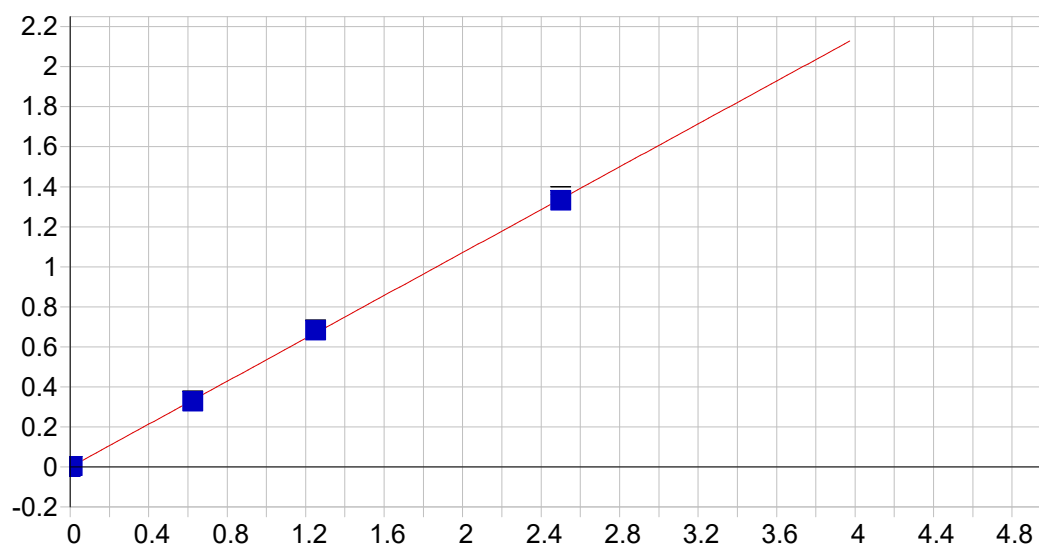


Ni 231.604 {446}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003206 Re-Slope: 1.000000
 A1 (Gain): 0.739619 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999843 Status: OK.
 Std Error of Est: 0.000318
 Predicted MDL: 0.000604
 Predicted MQL: 0.002014

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00321	.000	1
S1	.04000	.04333	.003	8.32	.02887	.000	1
S3	1.2500	1.2503	.000	.027	.92245	.003	1
S4	2.5000	2.5633	.063	2.53	1.8944	.003	1
S5	5.0000	4.9331	-.067	-1.34	3.6489	.008	1

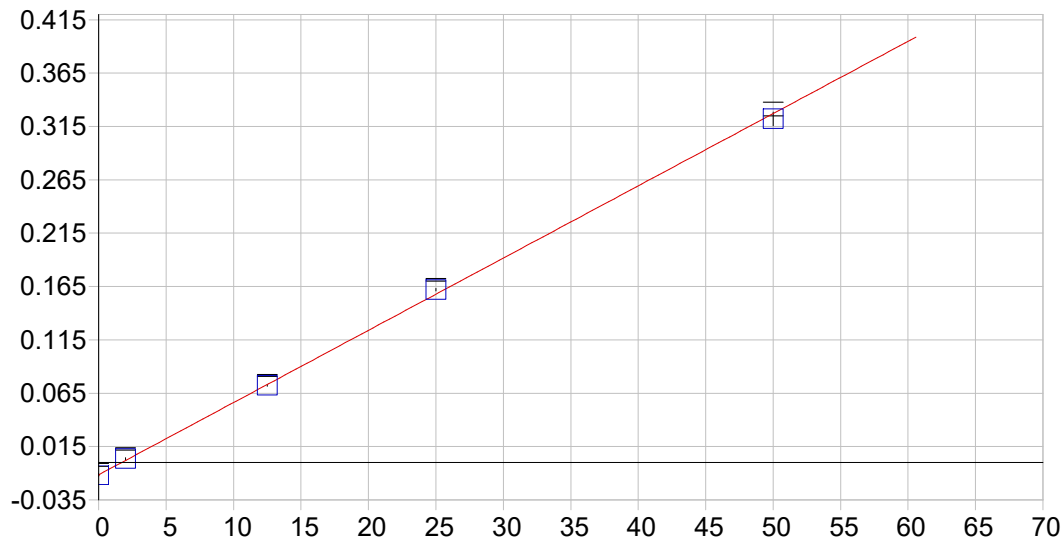


Ag 328.068 {103}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000880 Re-Slope: 1.000000
A1 (Gain): 0.535896 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999905 Status: OK.
Std Error of Est: 0.000063
Predicted MDL: 0.000449
Predicted MQL: 0.001497

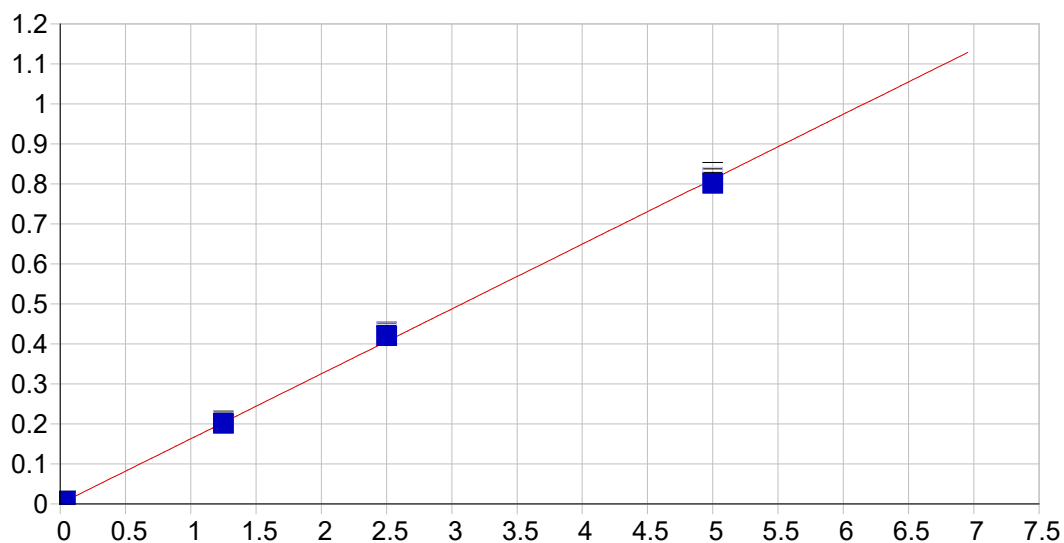
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00088	.000	1
S1	.01000	.00995	-.000	-.493	.00444	.000	1
S3	.62500	.61274	-.012	-1.96	.32719	.002	1
S4	1.2500	1.2755	.026	2.04	.68209	.002	1
S5	2.5000	2.4868	-.013	-.529	1.3306	.019	1

**Na 818.326 {41}**

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.011497 Re-Slope: 1.000000
A1 (Gain): 0.006772 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999692 Status: OK.
Std Error of Est: 0.000092
Predicted MDL: 0.311301
Predicted MQL: 1.037670

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00024	-.000	.000	-.01150	.001	1
S2	2.0000	2.2381	.238	11.9	.00366	.001	1
S3	12.500	12.381	-.119	-.955	.07234	.001	1
S4	25.000	25.612	.612	2.45	.16194	.001	1
S5	50.000	49.269	-.731	-1.46	.32214	.006	1

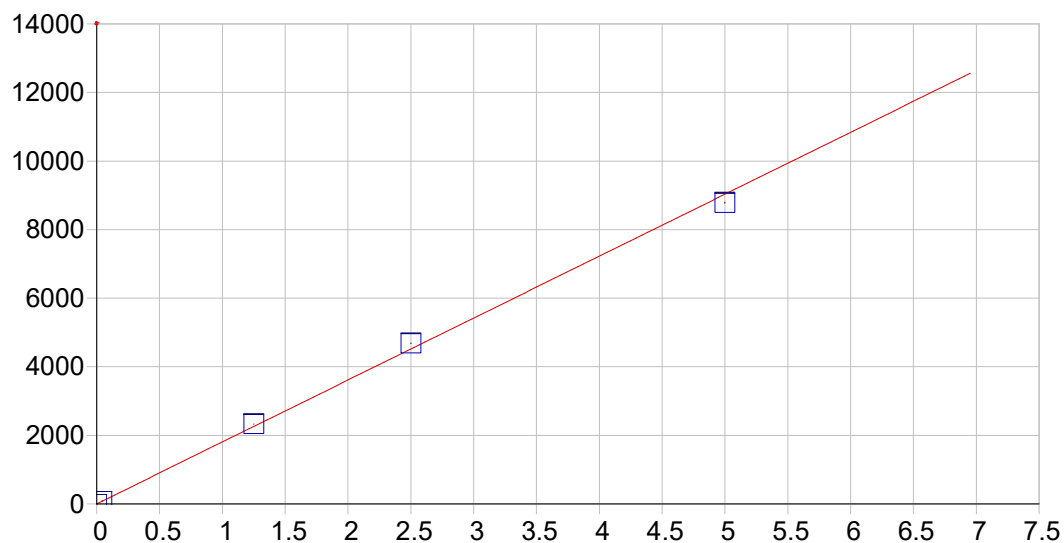


V 292.402 {115}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000674 Re-Slope: 1.000000
 A1 (Gain): 0.162226 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999772 Status: OK.
 Std Error of Est: 0.000085
 Predicted MDL: 0.003176
 Predicted MQL: 0.010586

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00067	.000	1
S1	.04000	.04080	.001	2.00	.00762	.000	1
S3	1.2500	1.2326	-.017	-1.39	.20468	.002	1
S4	2.5000	2.5858	.086	3.43	.42825	.001	1
S5	5.0000	4.9307	-.069	-1.39	.81673	.012	1

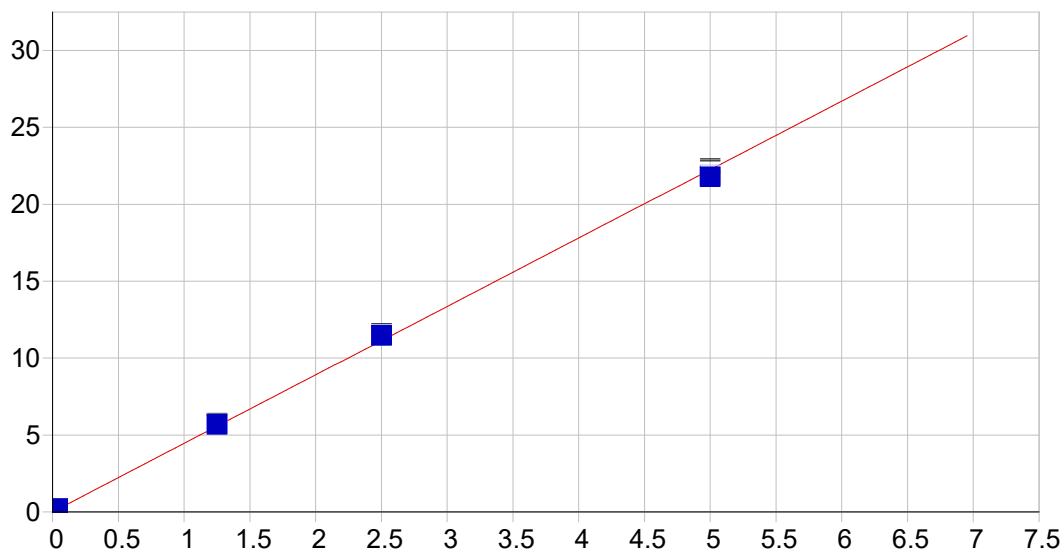


Zn 206.200 {464}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 1.967120 Re-Slope: 1.000000
 A1 (Gain): 1806.255880 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999478 Status: OK.
 Std Error of Est: 1.413042
 Predicted MDL: 0.000350
 Predicted MQL: 0.001166

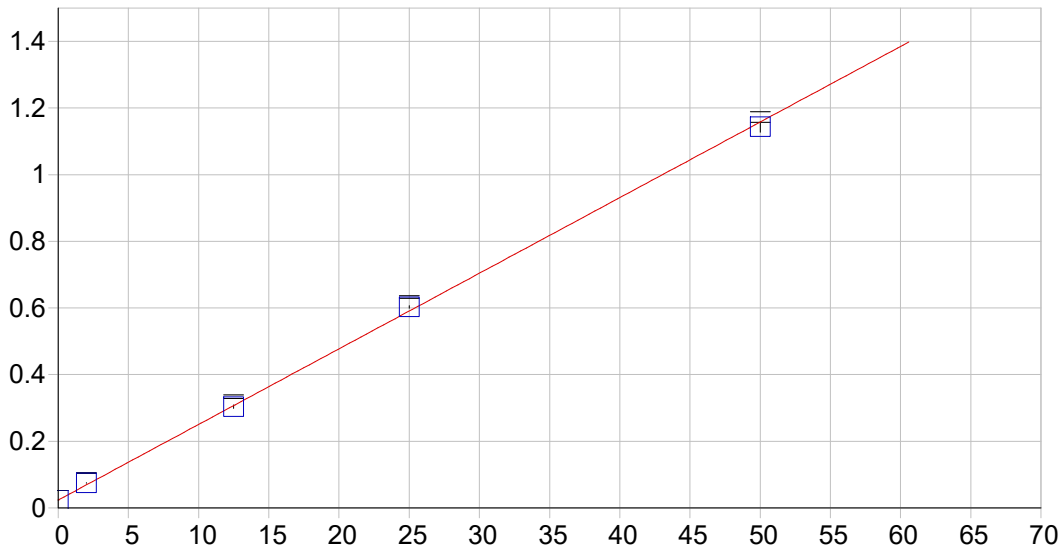
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	1.9546	.380	1
S1	.04000	.04533	.005	13.3	83.846	.284	1
S3	1.2500	1.2882	.038	3.06	2328.8	7.31	1
S4	2.5000	2.5939	.094	3.76	4687.3	6.78	1
S5	5.0000	4.8625	-.137	-2.75	8784.9	14.8	1

**Zn 213.856 {158}**

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007943 Re-Slope: 1.000000
 A1 (Gain): 4.450043 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999677 Status: OK.
 Std Error of Est: 0.002752
 Predicted MDL: 0.000295
 Predicted MQL: 0.000983

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00792	.002	1
S1	.04000	.04471	.005	11.8	.20794	.001	1
S3	1.2500	1.2757	.026	2.06	5.7163	.039	1
S4	2.5000	2.5768	.077	3.07	11.537	.043	1
S5	5.0000	4.8928	-.107	-2.14	21.907	.392	1

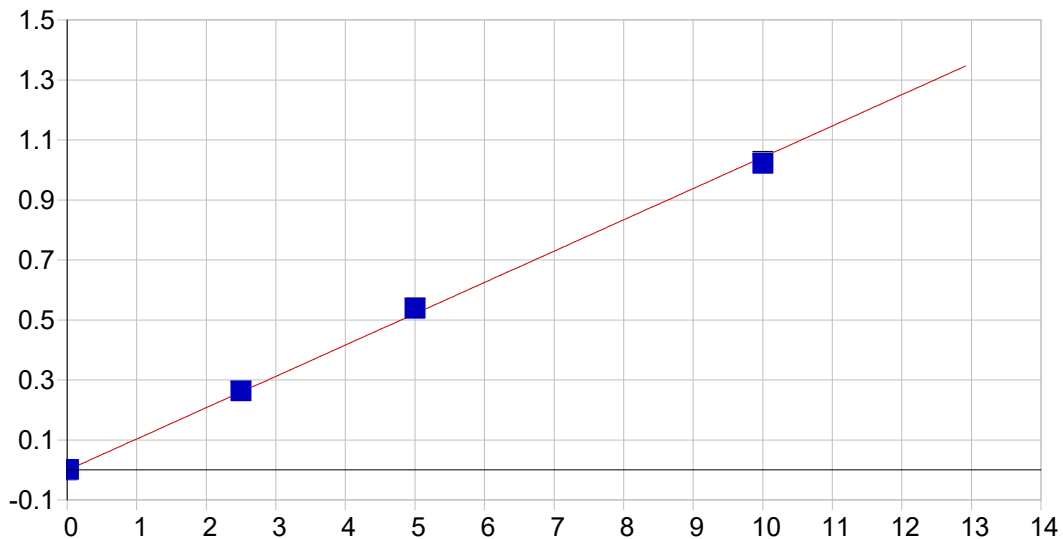


K 769.896 { 44}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.023654 Re-Slope: 1.000000
 A1 (Gain): 0.022686 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999706 Status: OK.
 Std Error of Est: 0.000300
 Predicted MDL: 0.086896
 Predicted MQL: 0.289653

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00024	-.000	.000	.02365	.000	1
S2	2.0000	2.2481	.248	12.4	.07465	.001	1
S3	12.500	12.354	-.146	-1.16	.30393	.005	1
S4	25.000	25.544	.544	2.18	.60315	.004	1
S5	50.000	49.354	-.646	-1.29	1.1433	.016	1

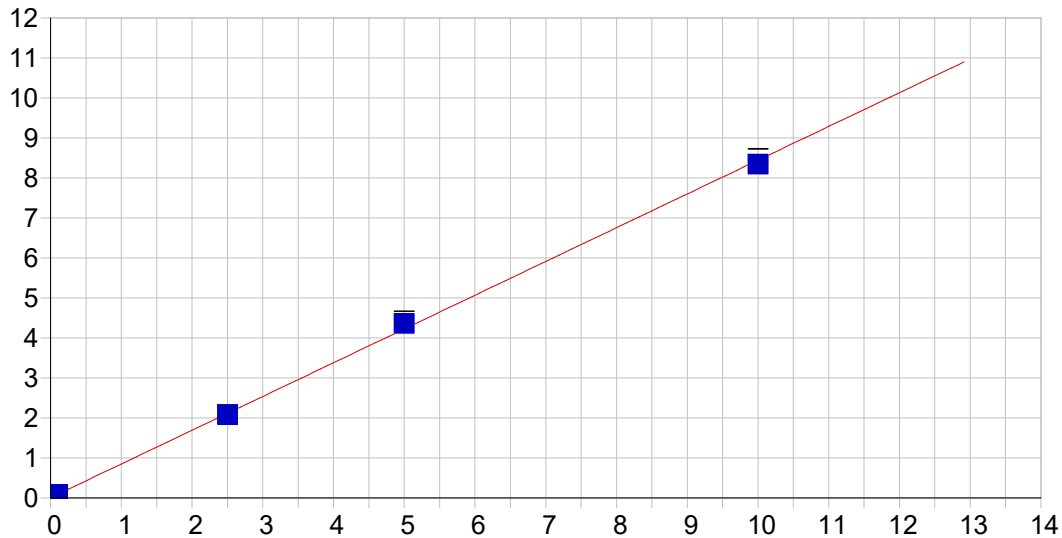


P 177.495 {490}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001045 Re-Slope: 1.000000
 A1 (Gain): 0.104324 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999707 Status: OK.
 Std Error of Est: 0.000061
 Predicted MDL: 0.002108
 Predicted MQL: 0.007026

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00105	.000	1
S1	.02000	.02173	.002	8.64	.00125	.000	1
S3	2.5000	2.5294	.029	1.18	.26344	.000	1
S4	5.0000	5.1701	.170	3.40	.53952	.001	1
S5	10.000	9.7987	-.201	-2.01	1.0236	.005	1

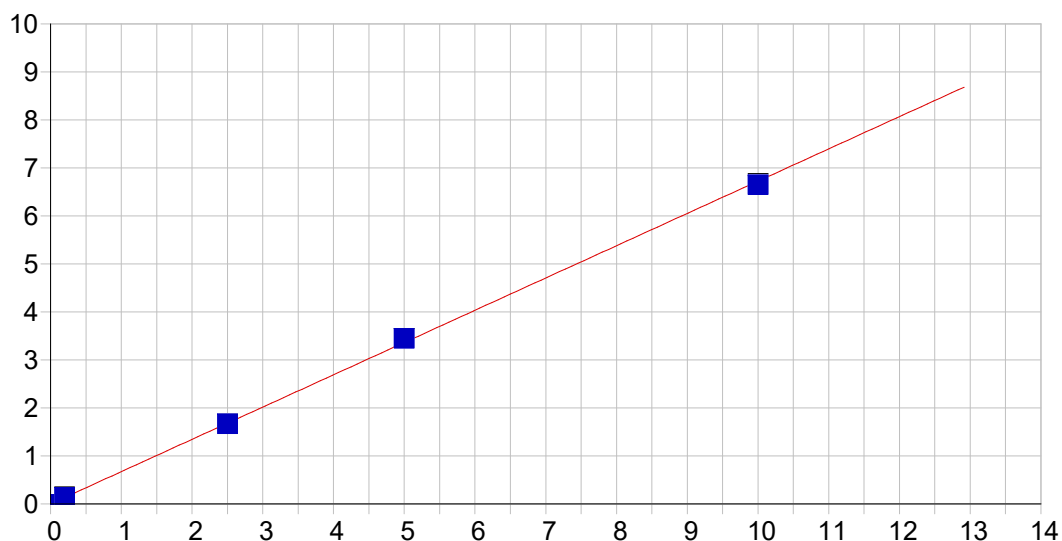


B 249.678 {135}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004071 Re-Slope: 1.000000
 A1 (Gain): 0.843849 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999797 Status: OK.
 Std Error of Est: 0.000918
 Predicted MDL: 0.000840
 Predicted MQL: 0.002799

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00407	.001	1
S1	.10000	.09954	-.000	-.465	.08774	.001	1
S3	2.5000	2.4577	-.042	-1.69	2.0732	.007	1
S4	5.0000	5.1588	.159	3.18	4.3477	.068	1
S5	10.000	9.8840	-.116	-1.16	8.3254	.143	1

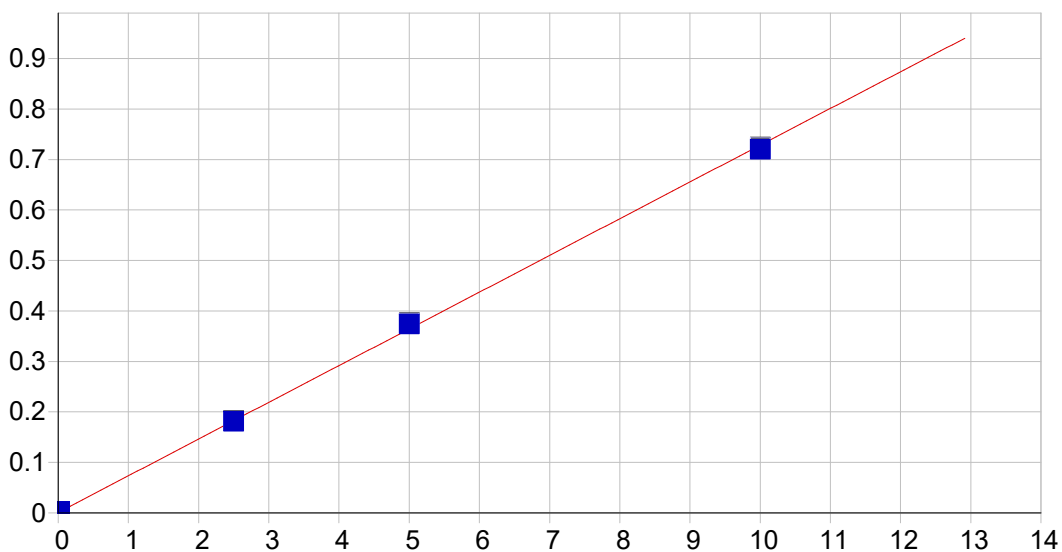


Mo 202.030 {467}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000358 Re-Slope: 1.000000
 A1 (Gain): 0.672362 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999873 Status: OK.
 Std Error of Est: 0.000822
 Predicted MDL: 0.000478
 Predicted MQL: 0.001593

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00035	.000	1
S1	.20000	.20495	.005	2.47	.13817	.000	1
S3	2.5000	2.4831	-.017	-.676	1.6703	.006	1
S4	5.0000	5.1228	.123	2.46	3.4455	.002	1
S5	10.000	9.8891	-.111	-1.11	6.6509	.020	1

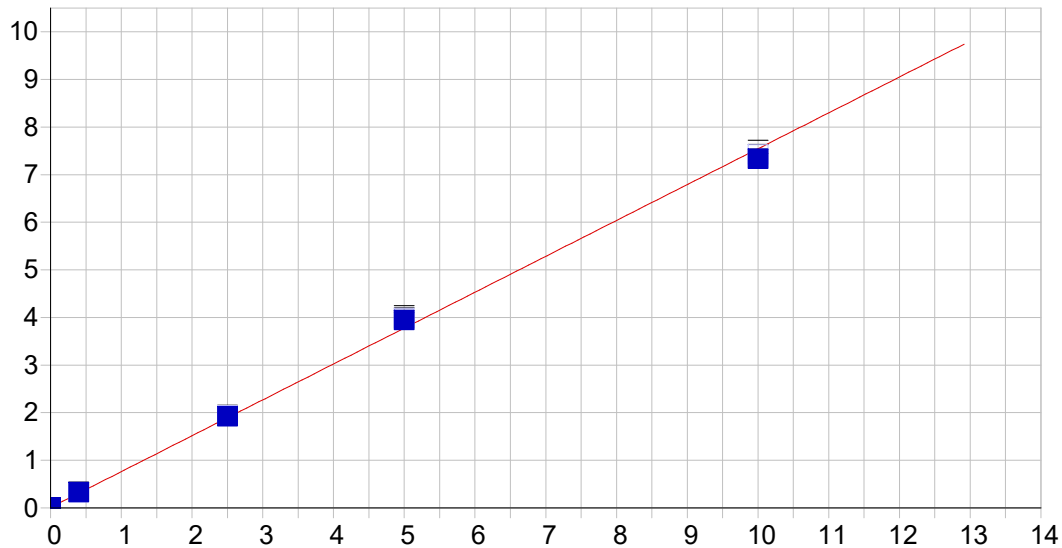


S 182.034 {485}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000763 Re-Slope: 1.000000
 A1 (Gain): 0.072747 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999859 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.003593
 Predicted MQL: 0.011976

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00076	.000	1
S1	.02000	.02175	.002	8.76	.00231	.000	1
S3	2.5000	2.4803	-.020	-.788	.18206	.001	1
S4	5.0000	5.1308	.131	2.62	.37573	.001	1
S5	10.000	9.8872	-.113	-1.13	.72347	.001	1

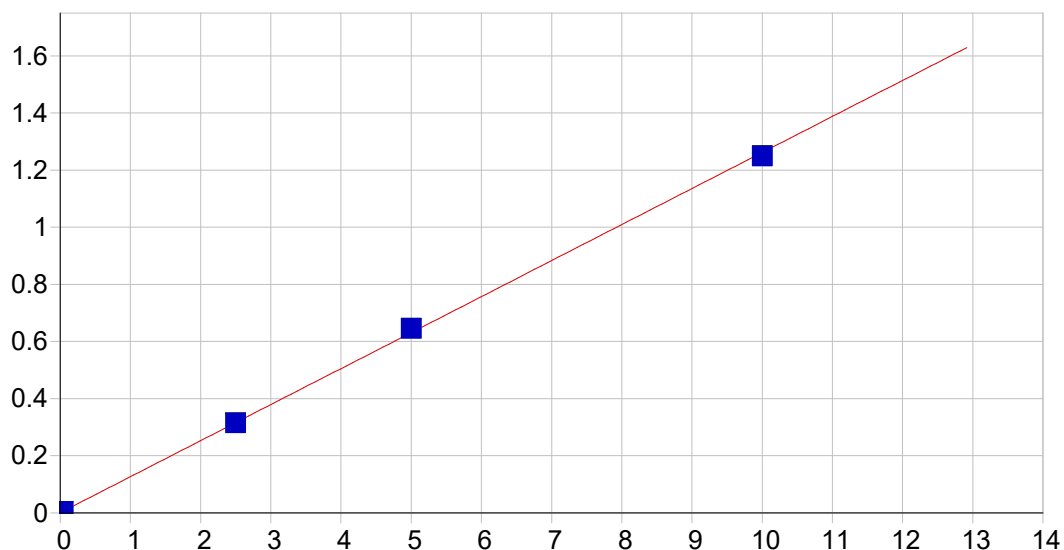


Si 251.611 {134}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008805 Re-Slope: 1.000000
 A1 (Gain): 0.753655 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999467 Status: OK.
 Std Error of Est: 0.002719
 Predicted MDL: 0.000957
 Predicted MQL: 0.003191

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00878	.000	1
S1	.40000	.42272	.023	5.68	.32884	.003	1
S3	2.5000	2.5373	.037	1.49	1.9433	.006	1
S4	5.0000	5.2213	.221	4.43	3.9882	.051	1
S5	10.000	9.7188	-.281	-2.81	7.4222	.093	1

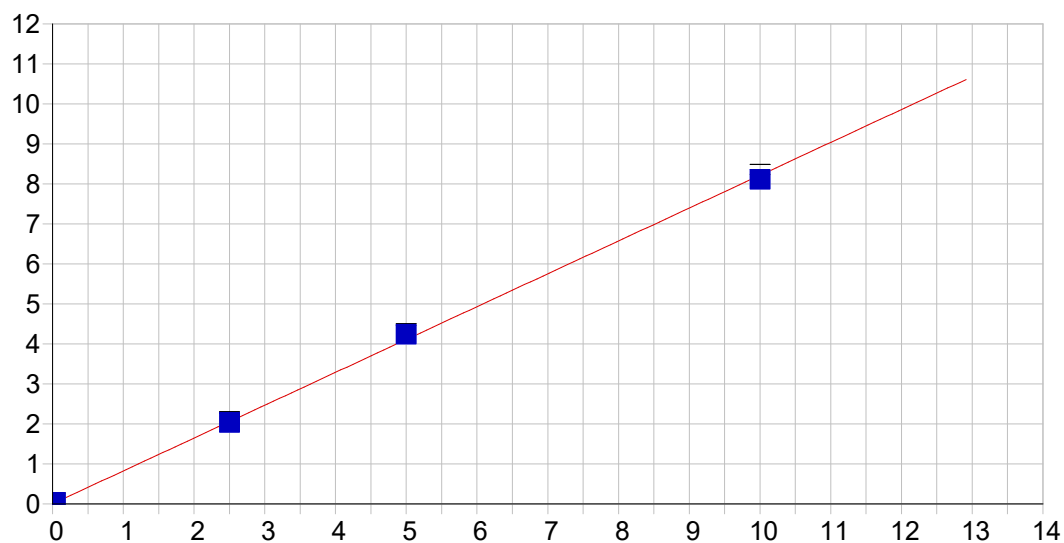


Sn 189.989 {478}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000679 Re-Slope: 1.000000
 A1 (Gain): 0.126106 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.001682
 Predicted MQL: 0.005608

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00068	.000	1
S1	.04000	.03617	-.004	-9.57	.00524	.000	1
S3	2.5000	2.4902	-.010	-.393	.31446	.001	1
S4	5.0000	5.1163	.116	2.33	.64538	.001	1
S5	10.000	9.8974	-.103	-1.03	1.2478	.001	1

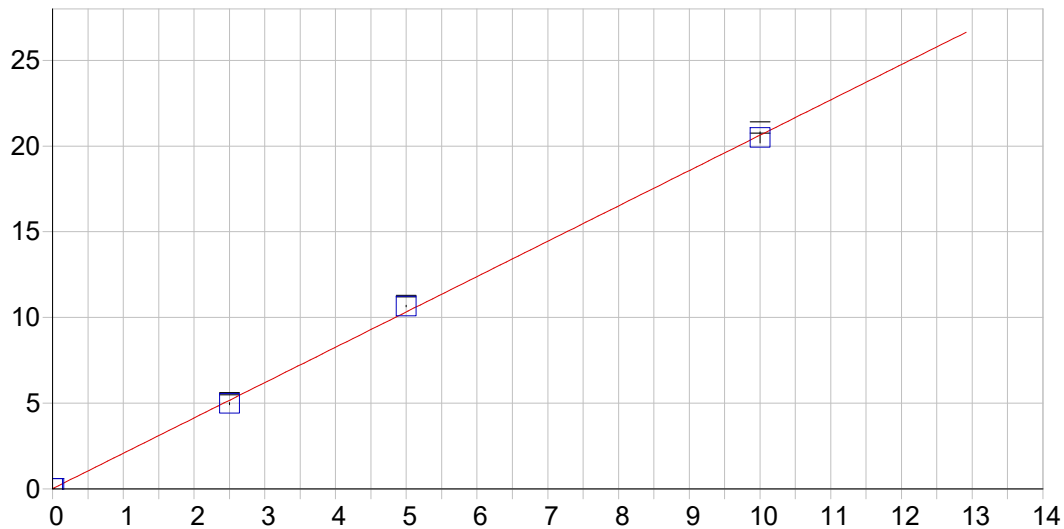


TI 336.121 {100}

Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002790 Re-Slope: 1.000000
 A1 (Gain): 0.821385 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999811 Status: OK.
 Std Error of Est: 0.000546
 Predicted MDL: 0.001057
 Predicted MQL: 0.003523

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00279	.000	1
S1	.04000	.03951	-.000	-1.22	.03522	.000	1
S3	2.5000	2.4700	-.030	-1.20	2.0309	.022	1
S4	5.0000	5.1540	.154	3.08	4.2348	.019	1
S5	10.000	9.8765	-.123	-1.23	8.1124	.127	1

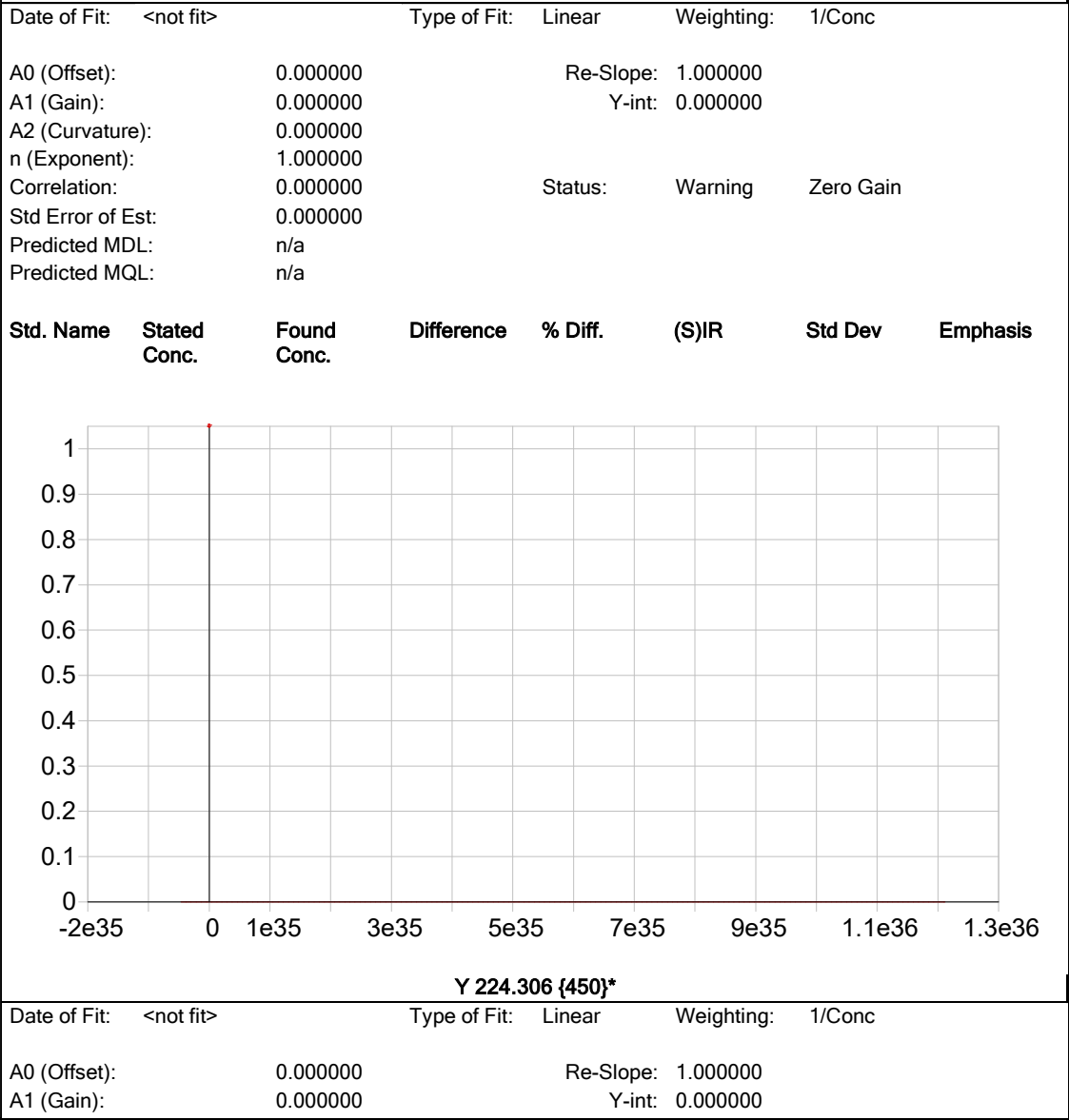
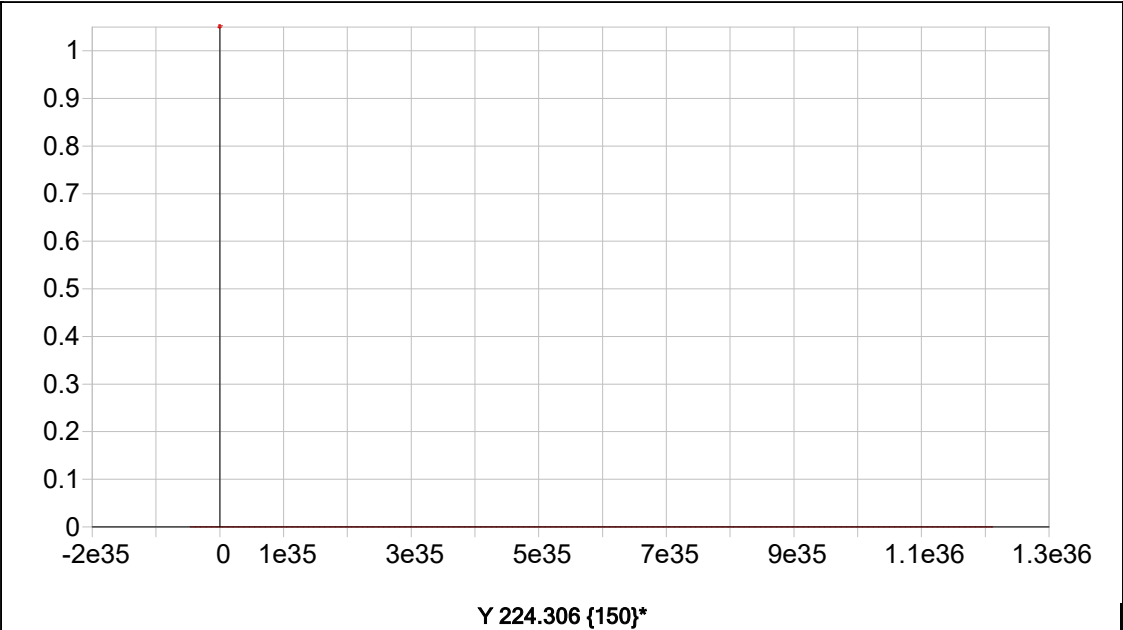


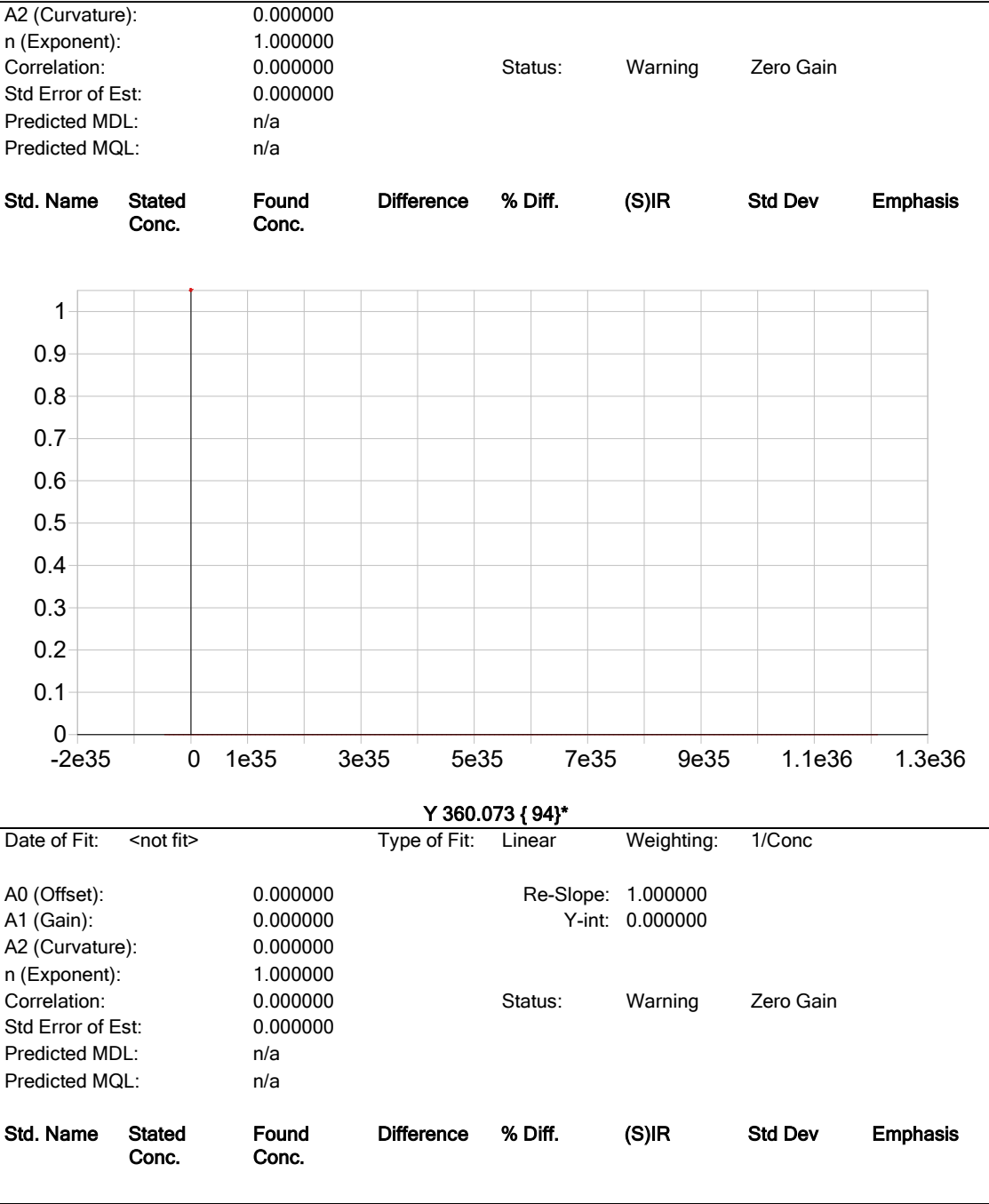
LI 670.784 { 50}

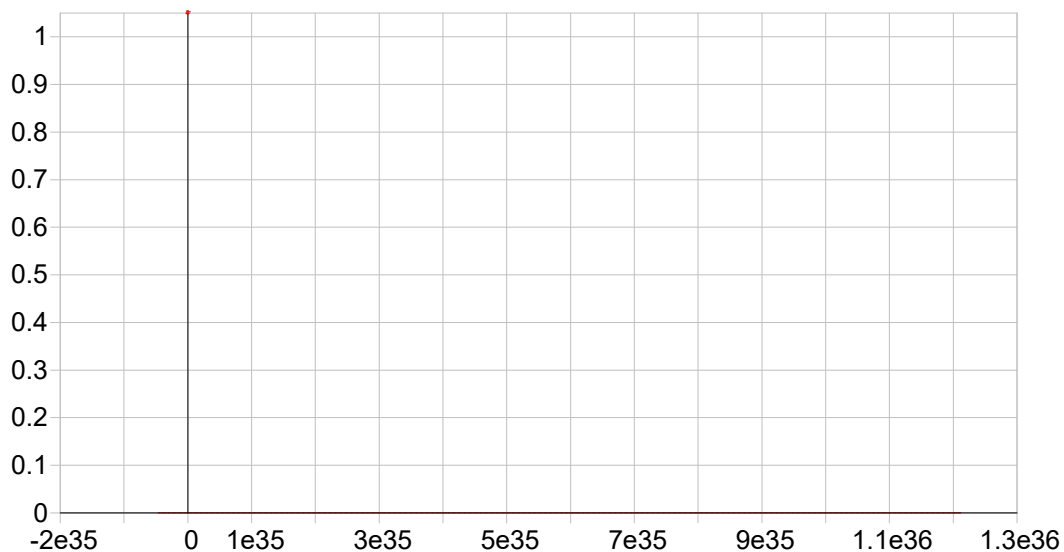
Date of Fit: 08/30/2019 18:11:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015338 Re-Slope: 1.000000
 A1 (Gain): 2.061527 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999502 Status: OK.
 Std Error of Est: 0.001572
 Predicted MDL: 0.001074
 Predicted MQL: 0.003580

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01536	.002	1
S5	10.000	9.9387	-.061	-.613	20.504	.327	1
S4	5.0000	5.1654	.165	3.31	10.664	.051	1
S3	2.5000	2.4088	-.091	-3.65	4.9811	.064	1
S1	.02000	.00714	-.013	-64.3	.03006	.001	1



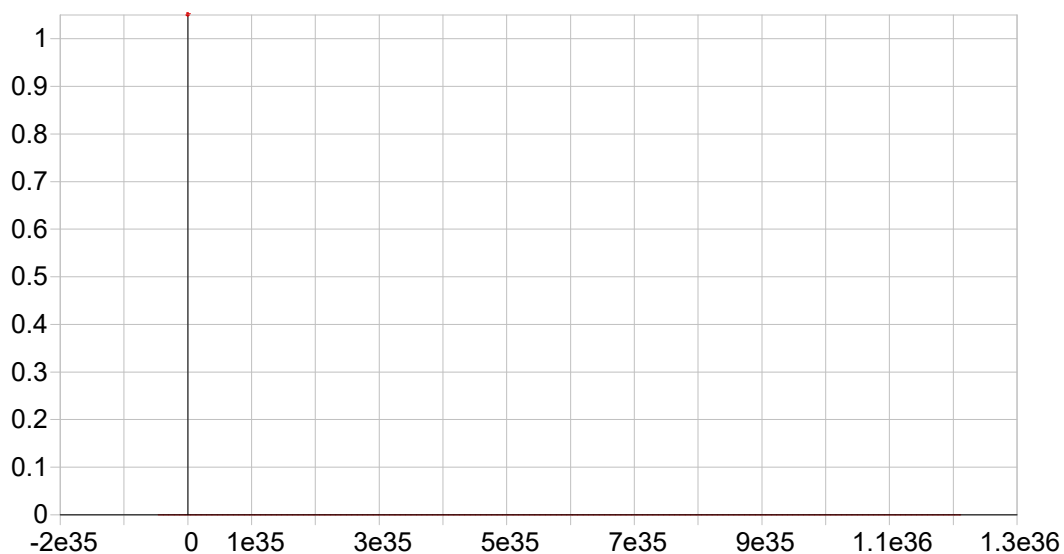




Y 371.030 { 91}*

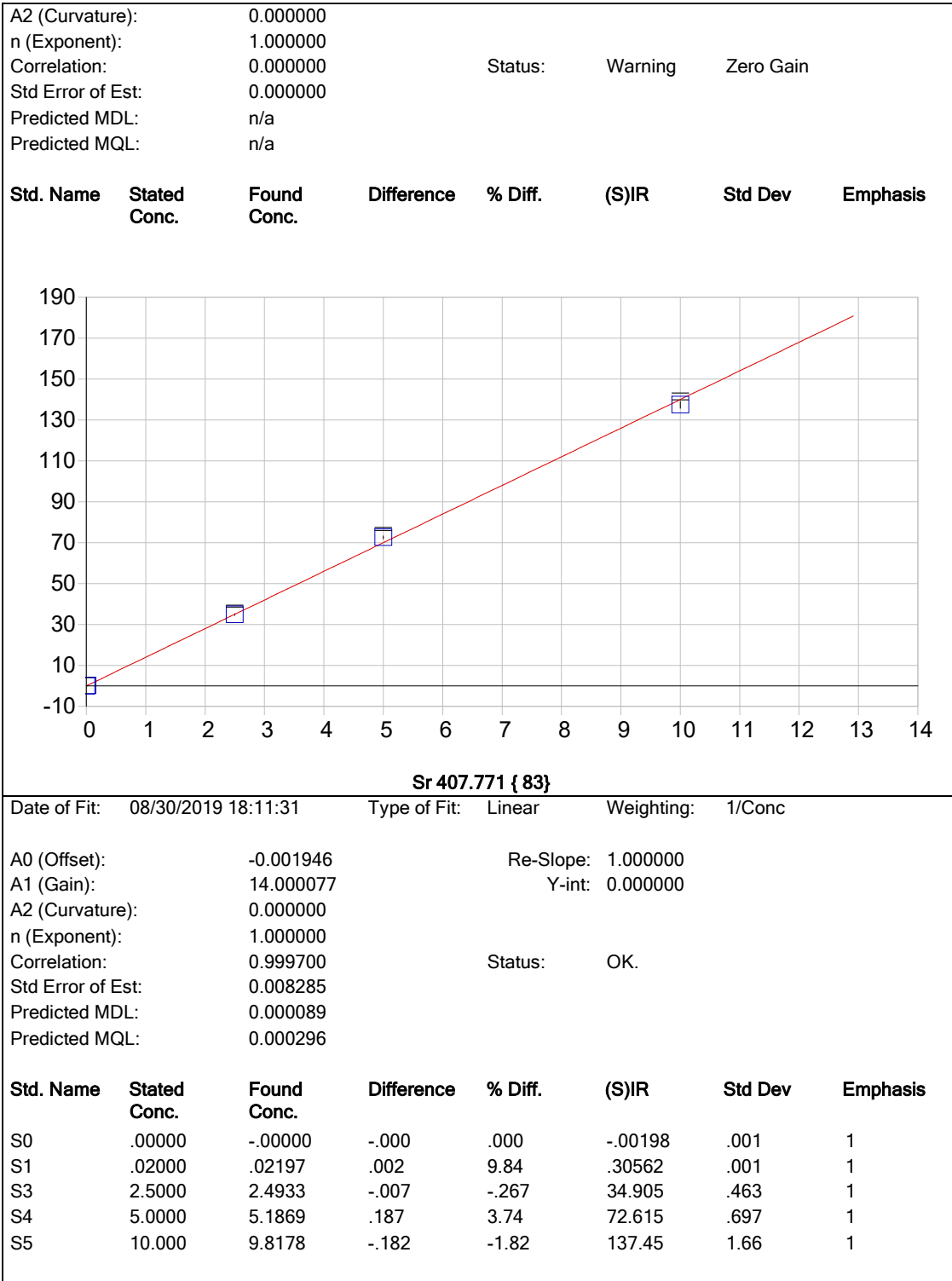
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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



In 230.606 {446}*

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



Sample Name: S0 Acquired: 08/30/2019 11:27:25 Type: Cal
Method: NON EPA-6010-200.7(v159) 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	-.00028	-.00127	.00030	.00132	.00065	.00712	.00453	-.00262
Stddev	.00023	.00009	.00034	.00042	.00005	.00158	.00243	.00077
%RSD	81.327	6.9486	115.67	31.838	7.0570	22.238	53.568	29.461

#1	-.00003	-.00118	-.00007	.00111	.00060	.00663	.00409	-.00316
#2	-.00048	-.00125	.00035	.00180	.00069	.00584	.00235	-.00295
#3	-.00032	-.00136	.00061	.00105	.00065	.00889	.00715	-.00173

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	-.00068	.00165	-.00007	.00070	.00406	.00060	.00122	-.00028
Stddev	.00030	.00075	.00008	.00026	.00014	.00020	.00008	.00009
%RSD	45.074	45.393	115.96	37.850	3.3769	33.225	6.5652	30.152

#1	-.00044	.00232	-.00004	.00092	.00409	.00066	.00130	-.00029
#2	-.00102	.00084	-.00001	.00041	.00391	.00037	.00114	-.00020
#3	-.00057	.00180	-.00017	.00077	.00418	.00075	.00121	-.00037

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	-.00321	-.00088	-.01150	.00067	.00792	.02365	-.00105	.00407
Stddev	.00031	.00006	.00135	.00034	.00192	.00031	.00004	.00079
%RSD	9.7177	6.7061	11.703	50.945	24.247	1.3202	3.6477	19.508

#1	-.00353	-.00092	-.01102	.00028	.00694	.02330	-.00103	.00422
#2	-.00318	-.00090	-.01045	.00087	.01013	.02373	-.00102	.00321
#3	-.00291	-.00081	-.01302	.00088	.00668	.02391	-.00109	.00478

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	.00035	.00076	.00878	.00068	.00279	.01536	-.00198	
Stddev	.00027	.00041	.00012	.00017	.00022	.00184	.00064	
%RSD	77.110	53.468	1.3193	25.220	7.8271	11.949	32.218	

#1	.00058	.00113	.00887	.00049	.00257	.01735	-.00124	
#2	.00043	.00084	.00865	.00074	.00301	.01373	-.00229	
#3	.00005	.00032	.00881	.00082	.00279	.01501	-.00240	

Sample Name: S0 Acquired: 08/30/2019 11:27:25 Type: Cal
Method: NON EPA-6010-200.7(v159) 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	1340.9	1960.3	28643.	4715.4	2027.1
Stddev	18.2	8.5	88.	27.4	8.2
%RSD	1.3604	.43285	.30654	.58170	.40616
#1	1325.5	1959.2	28590.	4720.5	2019.2
#2	1336.2	1969.2	28595.	4739.9	2035.6
#3	1361.1	1952.4	28744.	4685.8	2026.4

Sample Name: S1 Acquired: 08/30/2019 11:31:17 Type: Cal
Method: NON EPA-6010-200.7(v159) 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	.00144	.00229	.00413	.00447	.01264	.01975	.53017	.04872
Stddev	.00010	.00044	.00049	.00023	.00031	.00040	.00472	.00043
%RSD	6.7907	19.138	11.889	5.1441	2.4530	2.0413	.89050	.88075

#1	.00132	.00181	.00468	.00457	.01235	.01945	.52550	.04849
#2	.00150	.00266	.00373	.00421	.01260	.01960	.53494	.04846
#3	.00148	.00242	.00398	.00464	.01297	.02021	.53007	.04922

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	.03242	.00227	.04240	.01034	.00533	.02406	.02887	.00444
Stddev	.00027	.00017	.00016	.00095	.00026	.00012	.00029	.00011
%RSD	.84327	7.6995	.38592	9.1911	4.8495	.48113	.98769	2.5158

#1	.03252	.00233	.04256	.01135	.00524	.02392	.02854	.00452
#2	.03262	.00207	.04240	.01020	.00513	.02413	.02896	.00449
#3	.03211	.00240	.04223	.00947	.00562	.02412	.02909	.00431

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	.00762	.20794	.00125	.08774	.13817	.00231	.32884	.00524
Stddev	.00031	.00129	.00007	.00109	.00048	.00021	.00272	.00029
%RSD	4.1074	.62144	5.2575	1.2427	.34393	9.1768	.82585	5.4455

#1	.00737	.20668	.00132	.08898	.13842	.00244	.33196	.00520
#2	.00797	.20926	.00119	.08731	.13847	.00206	.32702	.00498
#3	.00752	.20786	.00123	.08693	.13762	.00242	.32753	.00555

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.03522	.03006	.30562
Stddev	.00034	.00060	.00145
%RSD	.96025	2.0012	.47336

#1	.03561	.02948	.30665
#2	.03501	.03000	.30397
#3	.03504	.03068	.30625

Sample Name: S1 Acquired: 08/30/2019 11:31:17 Type: Cal
Method: NON EPA-6010-200.7(v159) 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	1336.1	1965.0	28665.	4707.5	2043.4
Stddev	9.1	4.2	198.	44.0	3.0
%RSD	.67910	.21462	.69000	.93447	.14548
#1	1329.4	1962.4	28436.	4657.5	2042.5
#2	1332.4	1962.7	28781.	4724.6	2040.9
#3	1346.4	1969.9	28776.	4740.3	2046.7

Sample Name: S2 Acquired: 08/30/2019 11:35:09 Type: Cal
Method: NON EPA-6010-200.7(v159) 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	.23462	.03391	.00366	.07465
Stddev	.00233	.00077	.00107	.00097
%RSD	.99311	2.2828	29.295	1.3057

#1	.23319	.03377	.00310	.07377
#2	.23336	.03321	.00299	.07449
#3	.23731	.03474	.00489	.07570

Int. Std.	Y_3710
Units	Cts/S
Avg	4651.4
Stddev	8.3
%RSD	.17738

#1	4642.3
#2	4653.5
#3	4658.4

Sample Name: S3 Acquired: 08/30/2019 11:38:55 Type: Cal
Method: NON EPA-6010-200.7(v159) 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	.19051	.22447	.74904	.35880	.55228	.52812	25.155	.99857
Stddev	.00071	.00083	.00305	.00198	.00261	.00645	.209	.00270
%RSD	.37405	.36789	.40696	.55081	.47232	1.2208	.83183	.27065

#1	.18985	.22538	.75017	.35651	.55007	.52595	25.105	1.0009
#2	.19042	.22377	.74559	.35995	.55161	.52303	24.975	.99928
#3	.19127	.22424	.75137	.35992	.55516	.53537	25.385	.99559

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	6.1497	1.2306	.10984	1.6232	.19123	.10645	1.2901	.18908
Stddev	.0184	.0165	.00016	.0034	.00118	.00110	.0174	.00292
%RSD	.29901	1.3434	.14965	.20929	.61459	1.0353	1.3463	1.5423

#1	6.1616	1.2215	.10965	1.6256	.19065	.10679	1.2833	.18639
#2	6.1285	1.2206	.10994	1.6193	.19046	.10522	1.2772	.18868
#3	6.1589	1.2496	.10993	1.6246	.19258	.10734	1.3099	.19218

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	.92245	.32719	.07234	.20468	5.7163	.30393	.26344	2.0732
Stddev	.00263	.00177	.00092	.00240	.0391	.00540	.00047	.0071
%RSD	.28524	.54027	1.2762	1.1713	.68383	1.7774	.17804	.34347

#1	.92522	.32516	.07201	.20297	5.6845	.30371	.26347	2.0656
#2	.91998	.32808	.07163	.20364	5.7044	.29864	.26295	2.0798
#3	.92215	.32835	.07339	.20742	5.7600	.30944	.26389	2.0741

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	1.6703	.18206	1.9433	.31446	2.0309	4.9811	34.905	
Stddev	.0061	.00064	.0060	.00083	.0216	.0637	.464	
%RSD	.36672	.35285	.30709	.26237	1.0635	1.2787	1.3279	

#1	1.6636	.18261	1.9393	.31469	2.0239	4.9549	34.820	
#2	1.6717	.18135	1.9501	.31354	2.0137	4.9346	34.490	
#3	1.6756	.18221	1.9403	.31514	2.0551	5.0537	35.405	

Sample Name: S3 Acquired: 08/30/2019 11:38:55 Type: Cal
Method: NON EPA-6010-200.7(v159) 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	1333.2	1970.6	28608.	4766.1	2079.3
Stddev	19.0	6.5	215.	38.8	10.4
%RSD	1.4262	.32862	.75010	.81313	.50119
#1	1336.9	1970.6	28651.	4756.1	2068.9
#2	1350.0	1977.1	28798.	4808.9	2089.8
#3	1312.6	1964.1	28375.	4733.4	2079.3

Sample Name: S4 Acquired: 08/30/2019 11:42:31 Type: Cal
Method: NON EPA-6010-200.7(v159) 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	.39531	.47406	1.5552	.74609	1.1471	1.0995	52.884	2.0773
Stddev	.00050	.00183	.0019	.00112	.0001	.0073	.176	.0289
%RSD	.12541	.38587	.12405	.15013	.00935	.66786	.33364	1.3899

#1	.39577	.47541	1.5568	.74735	1.1470	1.0915	52.755	2.0971
#2	.39479	.47198	1.5531	.74521	1.1471	1.1011	53.085	2.0906
#3	.39538	.47479	1.5558	.74570	1.1472	1.1059	52.813	2.0442

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	12.492	2.5726	.22593	3.3311	.38883	.21860	2.6909	.39679
Stddev	.022	.0086	.00093	.0059	.00393	.00065	.0069	.00036
%RSD	.17556	.33441	.41175	.17593	1.0104	.29558	.25600	.08987

#1	12.507	2.5650	.22691	3.3346	.38498	.21796	2.6885	.39645
#2	12.467	2.5819	.22583	3.3243	.38869	.21859	2.6987	.39717
#3	12.503	2.5709	.22506	3.3343	.39284	.21925	2.6856	.39676

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	1.8944	.68209	.16194	.42825	11.537	.60315	.53952	4.3477
Stddev	.0026	.00178	.00120	.00129	.043	.00416	.00145	.0681
%RSD	.13867	.26153	.73896	.30053	.37659	.68917	.26884	1.5670

#1	1.8965	.68408	.16241	.42677	11.542	.60055	.54118	4.3921
#2	1.8915	.68152	.16284	.42885	11.492	.60095	.53847	4.3817
#3	1.8952	.68065	.16058	.42912	11.578	.60794	.53892	4.2692

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	3.4455	.37573	3.9882	.64538	4.2348	10.664	72.615
Stddev	.0015	.00073	.0508	.00057	.0188	.051	.697
%RSD	.04499	.19309	1.2743	.08769	.44362	.48158	.95965

#1	3.4455	.37656	4.0175	.64593	4.2137	10.670	73.309
#2	3.4439	.37525	4.0176	.64480	4.2408	10.712	72.621
#3	3.4470	.37538	3.9295	.64541	4.2498	10.610	71.915

Sample Name: S4 Acquired: 08/30/2019 11:42:31 Type: Cal
Method: NON EPA-6010-200.7(v159) 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	1329.7	1956.6	28590.	4719.0	2089.2
Stddev	12.6	3.9	175.	49.7	3.6
%RSD	.94777	.19798	.61163	1.0532	.17468
#1	1329.6	1958.9	28501.	4668.7	2089.3
#2	1342.4	1958.8	28792.	4720.3	2092.8
#3	1317.2	1952.1	28478.	4768.1	2085.5

Sample Name: S5 Acquired: 08/30/2019 11:46:10 Type: Cal
 Method: NON EPA-6010-200.7(v159) 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	.76202	.93143	3.0372	1.4507	2.2257	2.0984	99.662	3.9096
Stddev	.00256	.00410	.0034	.0049	.0063	.0296	1.677	.0709
%RSD	.33541	.44013	.11086	.33640	.28292	1.4117	1.6823	1.8134

#1	.75971	.93112	3.0333	1.4457	2.2225	2.1104	98.261	3.9791
#2	.76160	.93567	3.0388	1.4510	2.2217	2.1202	101.52	3.9122
#3	.76477	.92749	3.0394	1.4555	2.2330	2.0647	99.205	3.8374

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	23.726	4.8566	.42708	6.4334	.74186	.41660	5.0971	.75427
Stddev	.054	.0804	.00522	.0120	.00818	.00666	.0822	.01131
%RSD	.22715	1.6561	1.2227	.18583	1.1031	1.5985	1.6132	1.4990

#1	23.687	4.8885	.42887	6.4235	.74179	.41680	5.1047	.75622
#2	23.788	4.9162	.42120	6.4467	.75009	.42315	5.1753	.76447
#3	23.703	4.7651	.43117	6.4300	.73372	.40984	5.0113	.74211

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	3.6489	1.3306	.32214	.81673	21.907	1.1433	1.0236	8.3254
Stddev	.0079	.0189	.00647	.01236	.392	.0161	.0050	.1429
%RSD	.21710	1.4196	2.0071	1.5131	1.7881	1.4076	.48864	1.7163

#1	3.6435	1.3323	.32497	.81960	22.201	1.1469	1.0202	8.4639
#2	3.6580	1.3109	.32671	.82740	21.462	1.1573	1.0293	8.3339
#3	3.6453	1.3486	.31475	.80319	22.056	1.1257	1.0213	8.1785

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	6.6509	.72347	7.4222	1.2478	8.1124	20.504	137.45	
Stddev	.0195	.00069	.0933	.0010	.1266	.327	1.66	
%RSD	.29386	.09508	1.2564	.07723	1.5611	1.5925	1.2096	

#1	6.6331	.72300	7.5081	1.2467	8.1407	20.645	138.75	
#2	6.6477	.72426	7.4354	1.2482	8.2225	20.736	138.02	
#3	6.6718	.72314	7.3230	1.2485	7.9740	20.131	135.58	

Sample Name: S5 Acquired: 08/30/2019 11:46:10 Type: Cal
Method: NON EPA-6010-200.7(v159) 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	1303.8	1929.2	28415.	4759.4	2075.5
Stddev	17.5	4.6	325.	79.6	2.0
%RSD	1.3407	.23836	1.1442	1.6717	.09463
#1	1291.8	1930.3	28397.	4691.6	2073.4
#2	1323.9	1933.2	28748.	4739.5	2075.7
#3	1295.7	1924.2	28099.	4847.0	2077.3

Sample Name: ICV01 Acquired: 08/30/2019 11:49:56 Type: Unk
Method: NON EPA-6010-200.7(v159) 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	1.034951	1.012428	1.023580	1.021964	1.008696	2.608609
Stddev	.006162	.000830	.004111	.000639	.004428	.020360
%RSD	.5953495	.0820003	.4016184	.0625554	.4390187	.7805085

#1	1.033173	1.013180	1.024910	1.022696	1.003721	2.597226
#2	1.041806	1.012566	1.018969	1.021681	1.010160	2.632116
#3	1.029874	1.011537	1.026861	1.021515	1.012206	2.596487

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5124246	.5079611	.5087338	10.30727	.4988421	.5148412
Stddev	.0036994	.0013412	.0013133	.10215	.0018441	.0007505
%RSD	.7219413	.2640423	.2581459	.9910248	.3696757	.1457714

#1	.5082935	.5066249	.5096716	10.20014	.5000599	.5141066
#2	.5154313	.5093073	.5072328	10.40357	.4997460	.5148104
#3	.5135491	.5079510	.5092969	10.31811	.4967204	.5156066

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5058720	5.327854	.5166361	6.122703	.5182417	.5060445
Stddev	.0051947	.070046	.0035749	.078775	.0001450	.0040905
%RSD	1.026881	1.314710	.6919574	1.286612	.0279832	.8083304

#1	.5012884	5.247700	.5132270	6.035006	.5183376	.5016991
#2	.5115146	5.377304	.5203564	6.187469	.5183125	.5098205
#3	.5048130	5.358560	.5163249	6.145634	.5180748	.5066138

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.15246	.4857254	1.045267	10.06053	F .0008098	2.490595
Stddev	.34282	.0027918	.002170	.05795	.0007137	.010394
%RSD	3.376692	.5747804	.2076005	.5760207	88.14087	.4173231

#1	9.88270	.4828513	1.047760	10.01523	.0005643	2.480855
#2	10.53823	.4884270	1.043809	10.12583	.0016138	2.501538
#3	10.03645	.4858977	1.044230	10.04052	.0002512	2.489393

Sample Name: ICV01 Acquired: 08/30/2019 11:49:56 Type: Unk
Method: NON EPA-6010-200.7(v159) 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	2.479973	F -.001561	2.485426	2.497778	2.491206	F -.000147
Stddev	.002329	.002471	.009119	.002394	.021997	.000132
%RSD	.0939105	158.2643	.3669025	.0958554	.8830001	89.59372
#1	2.477314	-.004345	2.477490	2.496530	2.467653	.000004
#2	2.481649	.000374	2.495388	2.496265	2.511218	-.000210
#3	2.480956	-.000713	2.483400	2.500538	2.494748	-.000236

Elem	Sr4077
Units	ppm
Avg	F .0127289
Stddev	.0001193
%RSD	.9370130
#1	.0128662
#2	.0126691
#3	.0126513

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1346.008	1994.312	28716.42	4780.194	2099.706
Stddev	10.295	3.160	104.97	14.579	4.995
%RSD	.7648480	.1584353	.3655310	.3049969	.2379054
#1	1334.143	1991.010	28716.15	4774.007	2094.530
#2	1351.312	1994.617	28611.59	4769.729	2104.499
#3	1352.569	1997.307	28821.52	4796.847	2100.087

Sample Name: LLICV01 Acquired: 08/30/2019 11:58:07 Type: Unk
Method: NON EPA-6010-200.7(v159) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214420	.0399159	.0123159	.0211379	.0535475	.0954272	.1006862
Stddev	.0039793	.0017342	.0018843	.0018447	.0006407	.0021691	.0029381
%RSD	18.55823	4.344588	15.29926	8.726738	1.196530	2.273089	2.918116

#1	.0210712	.0399931	.0127833	.0190976	.0540160	.0930219	.0972935
#2	.0176612	.0416102	.0139225	.0216283	.0528174	.0960247	.1023821
#3	.0255937	.0381444	.0102420	.0226878	.0538091	.0972350	.1023829

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062056	.0062320	2.048813	.0096985	.0313065	.0167678	.1027921
Stddev	.0000991	.0001075	.060688	.0005550	.0003166	.0022267	.0095937
%RSD	1.597538	1.724296	2.962117	5.722193	1.011154	13.27969	9.333092

#1	.0060914	.0061108	1.979737	.0091030	.0310308	.0146356	.0919522
#2	.0062702	.0062695	2.073129	.0102013	.0312364	.0190782	.1062346
#3	.0062550	.0063157	2.093572	.0097911	.0316522	.0165894	.1101896

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213452	2.030362	.0426674	.0102960	1.958713	.0350983	.0434894
Stddev	.0005041	.067899	.0003746	.0001790	.204070	.0013638	.0006177
%RSD	2.361622	3.344175	.8779801	1.738982	10.41857	3.885617	1.420291

#1	.0207750	1.952252	.0423576	.0105026	1.734651	.0365889	.0440235
#2	.0217317	2.075278	.0425608	.0101990	2.007567	.0339131	.0428130
#3	.0215290	2.063557	.0430837	.0101863	2.133922	.0347928	.0436317

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.864705	.0217126	.1034377	.1999501	.0172265	.4094281	.0397826
Stddev	.098324	.0013728	.0026354	.0003525	.0003630	.0101641	.0018472
%RSD	5.272913	6.322492	2.547801	.1762729	2.107073	2.482499	4.643334

#1	1.766145	.0209940	.1003982	.2001566	.0169038	.3978317	.0418725
#2	1.962792	.0232955	.1050855	.2001506	.0176195	.4136614	.0391070
#3	1.865179	.0208483	.1048294	.1995431	.0171561	.4167914	.0383682

Sample Name: LLICV01 Acquired: 08/30/2019 11:58:07 Type: Unk
Method: NON EPA-6010-200.7(v159) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0387170	.0089164	.0211699
Stddev	.0011456	.0009160	.0006888
%RSD	2.958957	10.27337	3.253709

#1	.0374913	.0090006	.0203768
#2	.0388990	.0097875	.0215138
#3	.0397608	.0079612	.0216190

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1380.622	2033.403	29592.65	4949.512	2120.006
Stddev	9.414	6.483	86.77	121.168	3.941
%RSD	.6818772	.3188256	.2931991	2.448074	.1859109

#1	1372.107	2026.150	29502.25	5089.275	2115.695
#2	1390.732	2038.633	29675.25	4885.228	2120.899
#3	1379.028	2035.426	29600.46	4874.033	2123.425

Sample Name: ICB01 Acquired: 08/30/2019 12:02:00 Type: Unk
Method: NON EPA-6010-200.7(v159) 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	-.000431	-.000017	.0009862	-.000282	.0014542	.0115671	.0009237
Stddev	.001187	.003385	.0012154	.001304	.0008370	.0025813	.0005799
%RSD	275.6907	19370.96	123.2413	462.6204	57.56159	22.31581	62.77732

#1	-.000889	-.003863	.0019355	-.000145	.0022292	.0086134	.0015539
#2	.000917	.002513	.0014068	.000949	.0005665	.0133902	.0008045
#3	-.001320	.001297	-.000384	-.001649	.0015668	.0126977	.0004126

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000264	.0000286	-.008713	.0002258	-.000199	-.000941	.0001201
Stddev	.0000601	.0000619	.003603	.0003543	.000325	.003500	.0077414
%RSD	227.3868	216.5927	41.35220	156.9108	162.7798	372.1071	6448.115

#1	-.000024	.0000561	-.006319	-.000140	-.000134	.002737	-.008448
#2	.000010	-.000042	-.006963	.000251	-.000552	-.001329	.006612
#3	.000093	.000072	-.012857	.000567	.000088	-.004230	.002196

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000228	.0096009	.0000019	.0002541	-.003481	-.003347	-.000243
Stddev	.000104	.0024176	.0005763	.0001108	.129940	.002880	.000123
%RSD	45.44849	25.18122	29934.39	43.58910	3732.317	86.06392	50.68952

#1	-.000346	.0082734	.0002641	.0001436	.146335	-.004910	-.000122
#2	-.000153	.0123914	-.000659	.0002535	-.085511	-.000023	-.000368
#3	-.000185	.0081378	.000401	.0003652	-.071269	-.005108	-.000239

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1425971	.0012952	.0050712	.0003999	-.006356	.0009130	-.000213
Stddev	.0713807	.0005113	.0001320	.0003180	.001184	.0006017	.000870
%RSD	50.05765	39.47577	2.603380	79.51024	18.62860	65.90212	408.3638

#1	.1660613	.0018725	.0049504	.0003183	-.007516	.0011840	.000396
#2	.1992921	.0008997	.0050510	.0001307	-.006401	.0013316	-.001209
#3	.0624377	.0011133	.0052121	.0007508	-.005150	.0002235	.000174

Sample Name: ICB01 Acquired: 08/30/2019 12:02:00 Type: Unk
Method: NON EPA-6010-200.7(v159) 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	.0007088	-.001682	.0000153
Stddev	.0009421	.000179	.0000216
%RSD	132.9149	10.61794	141.3528

#1	.0016798	-.001823	.0000317
#2	.0006482	-.001481	.0000232
#3	-.000202	-.001743	-.000009

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1376.730	2026.652	29396.51	4836.631	2100.122
Stddev	25.245	2.375	397.96	34.484	3.217
%RSD	1.833684	.1172128	1.353773	.7129819	.1531728

#1	1359.417	2028.619	29200.40	4876.155	2103.735
#2	1365.078	2024.013	29134.67	4812.677	2099.061
#3	1405.697	2027.324	29854.47	4821.063	2097.569

Sample Name: CRI01 Acquired: 08/30/2019 12:05:52 Type: Unk
Method: NON EPA-6010-200.7(v159) 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	.0234005	.0386735	.0126601	.0200284	.0550772	.0960628	.1023789
Stddev	.0016649	.0022852	.0004605	.0003271	.0017319	.0111915	.0018935
%RSD	7.114943	5.908815	3.637200	1.633272	3.144432	11.65023	1.849530

#1	.0238688	.0408270	.0127265	.0197921	.0561164	.0843725	.1009686
#2	.0215516	.0362763	.0130837	.0198913	.0560372	.0971380	.1016371
#3	.0247811	.0389173	.0121700	.0204017	.0530779	.1066779	.1045310

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063064	.0063054	2.047939	.0099830	.0313256	.0199109	.1047140
Stddev	.0001239	.0001502	.039859	.0001986	.0002556	.0021406	.0030505
%RSD	1.964644	2.381721	1.946294	1.988931	.8160661	10.75067	2.913159

#1	.0064189	.0061640	2.026428	.0099472	.0314552	.0182583	.1043151
#2	.0061736	.0062890	2.023457	.0098047	.0310311	.0191454	.1018825
#3	.0063265	.0064630	2.093932	.0101970	.0314903	.0223289	.1079443

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212605	2.060358	.0426179	.0101794	1.895977	.0355803	.0436120
Stddev	.0000933	.007550	.0001155	.0001658	.409830	.0045778	.0006003
%RSD	.4386120	.3664391	.2709571	1.628714	21.61574	12.86608	1.376510

#1	.0212143	2.055148	.0424854	.0101954	2.337124	.0358574	.0442115
#2	.0213678	2.056909	.0426711	.0100062	1.823736	.0400133	.0436135
#3	.0211993	2.069016	.0426972	.0103366	1.527072	.0308703	.0430109

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.891609	.0216130	.1008465	.2018885	.0170251	.4115083	.0376344
Stddev	.063025	.0011531	.0010430	.0001223	.0038330	.0060219	.0008173
%RSD	3.331818	5.335082	1.034236	.0605666	22.51406	1.463378	2.171750

#1	1.851553	.0217155	.1020171	.2020168	.0213609	.4169192	.0369365
#2	1.859018	.0204121	.1000160	.2018755	.0140874	.4050206	.0385336
#3	1.964256	.0227113	.1005064	.2017733	.0156269	.4125852	.0374331

Sample Name: CRI01 Acquired: 08/30/2019 12:05:52 Type: Unk
Method: NON EPA-6010-200.7(v159) 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	.0394694	.0067392	.0211747
Stddev	.0009889	.0005064	.0003377
%RSD	2.505469	7.514776	1.594800

#1	.0399650	.0061926	.0209416
#2	.0383307	.0068327	.0210205
#3	.0401125	.0071924	.0215620

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1378.998	2028.488	29507.64	4914.928	2120.601
Stddev	10.985	5.586	248.70	41.237	7.440
%RSD	.7966068	.2753574	.8428395	.8390131	.3508496

#1	1391.538	2028.960	29794.62	4913.670	2124.744
#2	1371.075	2033.822	29373.42	4956.779	2125.047
#3	1374.380	2022.681	29354.88	4874.334	2112.012

Sample Name: ICSA01 Acquired: 08/30/2019 12:09:45 Type: Unk
Method: NON EPA-6010-200.7(v159) 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	.0036270	-.009702	.0006549	.0027026	.0056284	253.9603
Stddev	.0020795	.002780	.0012936	.0032949	.0017422	3.0991
%RSD	57.33547	28.65041	197.5312	121.9128	30.95381	1.220311

#1	.0057383	-.008101	.0007786	-.000342	.0064960	251.1371
#2	.0015807	-.008094	-.000696	.002249	.0067665	253.4675
#3	.0035620	-.012912	.001882	.006201	.0036228	257.2763

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066422	.0010920	-.001244	241.3782	.0428948	.0006801
Stddev	.0001588	.0000370	.000147	3.3510	.0002910	.0001460
%RSD	2.390299	3.388064	11.84558	1.388259	.6785073	21.46382

#1	.0066714	.0011301	-.001169	238.5993	.0425608	.0008153
#2	.0067843	.0010562	-.001149	240.4361	.0430941	.0006998
#3	.0064708	.0010897	-.001414	245.0994	.0430296	.0005253

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145715	99.72844	.0106109	255.5196	.0011697	.0010876
Stddev	.0026468	.95981	.0005964	3.8049	.0007825	.0001636
%RSD	18.16432	.9624213	5.620185	1.489099	66.90303	15.04520

#1	.0120560	98.92182	.0111836	252.2528	.0002921	.0009376
#2	.0143260	99.47351	.0099934	254.6086	.0014220	.0010632
#3	.0173325	100.7900	.0106558	259.6973	.0017949	.0012621

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3752767	-.001789	-.000018	.0637968	-.009357	-.040221
Stddev	.2545225	.000146	.000494	.0963439	.002795	.001440
%RSD	67.82261	8.175648	2788.465	151.0168	29.87594	3.580350

#1	.0931553	-.001621	.000115	.1411268	-.007800	-.041138
#2	.4450121	-.001855	-.000564	.0943937	-.007687	-.040963
#3	.5876628	-.001891	.000397	-.044130	-.012584	-.038561

Sample Name: ICSA01 Acquired: 08/30/2019 12:09:45 Type: Unk
Method: NON EPA-6010-200.7(v159) 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	-.000160	.0051993	.0023781	-.000321	.0007134	W -.000216
Stddev	.000873	.0034446	.0008806	.002001	.0007832	.000881
%RSD	547.1079	66.25083	37.02824	624.3483	109.7873	407.3480

#1	-.001004	.0041474	.0033709	-.002601	-.000038	.000589
#2	-.000215	.0024033	.0020717	.000494	.000654	-.000081
#3	.000740	.0090472	.0016916	.001145	.001525	-.001157

Elem	Sr4077
Units	ppm
Avg	F .1005822
Stddev	.0007036
%RSD	.6995394

#1	.0998502
#2	.1006428
#3	.1012535

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1307.029	1964.051	28604.92	4827.232	2123.266
Stddev	3.344	5.532	93.10	.248	.399
%RSD	.2558702	.2816435	.3254748	.0051426	.0187918

#1	1303.323	1970.403	28501.05	4827.477	2123.468
#2	1309.822	1961.460	28632.86	4826.981	2123.523
#3	1307.941	1960.291	28680.86	4827.238	2122.806

Sample Name: ICSAB01 Acquired: 08/30/2019 12:13:34 Type: Unk
Method: NON EPA-6010-200.7(v159) 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	.1056009	.0997216	.0528189	.0584894	.6347539	259.8487
Stddev	.0018777	.0015048	.0017394	.0018644	.0043526	1.1472
%RSD	1.778112	1.508980	3.293126	3.187664	.6857148	.4414706

#1	.1038717	.1004335	.0520239	.0602516	.6397782	258.5243
#2	.1075983	.0979930	.0548138	.0586793	.6323508	260.5329
#3	.1053328	.1007384	.0516191	.0565372	.6321326	260.4889

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5219178	.5079048	.9451167	249.6248	.5210676	.5000882
Stddev	.0023847	.0030634	.0015785	1.0923	.0003315	.0003895
%RSD	.4569068	.6031405	.1670123	.4375839	.0636119	.0778852

#1	.5200010	.5100951	.9461992	249.1920	.5206853	.5004406
#2	.5245882	.5092151	.9433055	250.8671	.5212752	.4996700
#3	.5211641	.5044042	.9458453	248.8151	.5212421	.5001540

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5014245	101.6385	.5174340	263.3423	.9982832	.2136226
Stddev	.0025842	.1914	.0006736	.7350	.0011300	.0010672
%RSD	.5153729	.1883108	.1301817	.2791063	.1131971	.4995594

#1	.5029086	101.4242	.5167077	262.6201	.9993221	.2143207
#2	.4984405	101.6988	.5175559	264.0895	.9970800	.2123942
#3	.5029243	101.7924	.5180382	263.3172	.9984473	.2141530

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.033829	.5002717	1.016506	-.198339	F -.010089	.9593011
Stddev	.216564	.0031891	.005030	.015637	.001708	.0056584
%RSD	640.1696	.6374712	.4948662	7.883760	16.92505	.5898460

#1	-.060206	.4969373	1.021458	-.207827	-.008119	.9646162
#2	-.235997	.5005854	1.016660	-.180291	-.011016	.9599344
#3	.194715	.5032923	1.011401	-.206898	-.011133	.9533527

Sample Name: ICSAB01 Acquired: 08/30/2019 12:13:34 Type: Unk
Method: NON EPA-6010-200.7(v159) 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	.9977320	F -.004057	.9812701	1.010866	.9862610	F -.003022
Stddev	.0014384	.004151	.0070391	.002580	.0022717	.000806
%RSD	.1441687	102.3068	.7173438	.2552536	.2303320	26.68129
#1	.9981313	-.001336	.9885631	1.010765	.9837548	-.003911
#2	.9961361	-.008835	.9807312	1.008338	.9881847	-.002337
#3	.9989286	-.002001	.9745159	1.013495	.9868436	-.002818

Elem	Sr4077
Units	ppm
Avg	F .1025302
Stddev	.0004346
%RSD	.4238307
#1	.1020918
#2	.1025378
#3	.1029608

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1322.357	1972.232	28973.11	4813.549	2125.411
Stddev	10.512	3.702	184.13	42.387	5.815
%RSD	.7949624	.1877226	.6355277	.8805727	.2735983
#1	1311.016	1968.115	28777.50	4772.971	2119.494
#2	1324.282	1975.288	29143.07	4810.136	2125.621
#3	1331.775	1973.294	28998.76	4857.538	2131.118

Sample Name: CCV01 Acquired: 08/30/2019 12:17:13 Type: Unk
 Method: NON EPA-6010-200.7(v159) 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	5.113996	4.973683	5.044654	5.109681	5.054378	10.12675	10.51226
Stddev	.012556	.006181	.009065	.025886	.023456	.08419	.04464
%RSD	.2455194	.1242837	.1797024	.5066116	.4640649	.8313449	.4246686

#1	5.124367	4.980632	5.034320	5.115990	5.057752	10.07914	10.48642
#2	5.100037	4.968798	5.048375	5.081223	5.029418	10.07716	10.48654
#3	5.117584	4.971618	5.051266	5.131829	5.075964	10.22396	10.56381

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2552677	2.485385	25.92702	1.013535	2.515937	1.250643	5.128090
Stddev	.0041284	.002486	.15332	.048818	.002739	.010478	.041350
%RSD	1.617275	.1000270	.5913519	4.816561	.1088620	.8378459	.8063508

#1	.2594655	2.482620	25.93320	1.069833	2.512907	1.242062	5.104383
#2	.2512124	2.487438	25.77070	.982928	2.518236	1.247546	5.104049
#3	.2551250	2.486096	26.07716	.987843	2.516668	1.262321	5.175837

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.600430	25.61322	2.518635	1.317214	25.63932	2.558027	2.593613
Stddev	.020254	.12911	.002281	.060018	.36992	.016185	.115791
%RSD	.7788752	.5040586	.0905814	4.556402	1.442782	.6327095	4.464450

#1	2.592702	25.62730	2.516001	1.385365	25.36314	2.552763	2.727286
#2	2.585177	25.47765	2.520020	1.272247	25.49521	2.545130	2.524322
#3	2.623410	25.73471	2.519882	1.294029	26.05960	2.576189	2.529231

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.35108	5.073229	5.113751	5.065917	5.100457	5.103181	5.032183
Stddev	.01784	.013827	.068508	.016201	.006070	.069338	.002671
%RSD	.0703694	.2725402	1.339676	.3198022	.1190172	1.358713	.0530730

#1	25.34148	5.057265	5.177308	5.069294	5.106266	5.165028	5.034713
#2	25.37166	5.081038	5.041184	5.048294	5.100950	5.028224	5.032446
#3	25.34009	5.081384	5.122762	5.080164	5.094155	5.116291	5.029391

Sample Name: CCV01 Acquired: 08/30/2019 12:17:13 Type: Unk
 Method: NON EPA-6010-200.7(v159) 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	5.083094	5.256465	5.031364
Stddev	.030209	.033125	.078807
%RSD	.5942986	.6301851	1.566319

#1	5.073295	5.257059	5.049618
#2	5.059002	5.223046	4.945032
#3	5.116986	5.289289	5.099443

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1327.442	2015.718	28678.52	4862.997	2170.697
Stddev	53.431	4.003	1175.25	55.750	2.741
%RSD	4.025115	.1985759	4.098000	1.146402	.1262879

#1	1266.003	2016.688	27353.13	4823.485	2173.557
#2	1363.043	2019.146	29593.62	4926.765	2168.092
#3	1353.281	2011.319	29088.81	4838.739	2170.442

Sample Name: LLCCV01 Acquired: 08/30/2019 12:20:53 Type: Unk
Method: NON EPA-6010-200.7(v159) 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	.0216927	.0358840	.0139750	.0224122	.0532047	.1104787	.1062910
Stddev	.0041169	.0026731	.0003188	.0021648	.0003964	.0082914	.0008684
%RSD	18.97839	7.449353	2.281355	9.659061	.7449623	7.505012	.8170070

#1	.0173410	.0389552	.0139800	.0235927	.0527969	.1009054	.1055098
#2	.0255257	.0340811	.0136538	.0237302	.0535885	.1151613	.1061372
#3	.0222115	.0346157	.0142914	.0199138	.0532287	.1153696	.1072260

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063280	.0063221	2.106760	.0095066	.0314323	.0233671	.1066068
Stddev	.0000585	.0000076	.022997	.0004408	.0001784	.0012314	.0080117
%RSD	.9246649	.1203442	1.091593	4.636646	.5676485	5.269803	7.515233

#1	.0063916	.0063139	2.088907	.0092504	.0312497	.0242123	.0988684
#2	.0062764	.0063289	2.098663	.0092538	.0314409	.0239346	.1148665
#3	.0063161	.0063236	2.132711	.0100155	.0316063	.0219542	.1060857

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213283	2.080686	.0425532	.0100654	2.389617	.0391995	.0429988
Stddev	.0006769	.047423	.0003069	.0000731	.299692	.0017253	.0009467
%RSD	3.173597	2.279179	.7212058	.7259872	12.54143	4.401381	2.201686

#1	.0207114	2.042670	.0427116	.0101005	2.732505	.0391980	.0439297
#2	.0220524	2.065563	.0427485	.0099814	2.258625	.0374749	.0420371
#3	.0212212	2.133826	.0421994	.0101143	2.177722	.0409255	.0430296

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.113821	.0224522	.1100237	.2026794	.0164494	.4175040	.0404900
Stddev	.050125	.0020750	.0013043	.0001057	.0042526	.0064635	.0030463
%RSD	2.371279	9.241699	1.185468	.0521486	25.85247	1.548125	7.523533

#1	2.156243	.0245532	.1101853	.2027327	.0213497	.4193929	.0412999
#2	2.058511	.0204043	.1086462	.2025577	.0142738	.4103065	.0430495
#3	2.126708	.0223991	.1112398	.2027478	.0137249	.4228126	.0371206

Sample Name: LLCCV01 Acquired: 08/30/2019 12:20:53 Type: Unk
Method: NON EPA-6010-200.7(v159) 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	.0397219	.0116391	.0217804
Stddev	.0003775	.0006525	.0001141
%RSD	.9502569	5.606405	.5237599

#1	.0395646	.0122611	.0217926
#2	.0394485	.0116965	.0218879
#3	.0401526	.0109599	.0216608

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1394.998	2035.698	29781.01	4907.579	2132.256
Stddev	17.953	3.123	390.95	32.669	2.508
%RSD	1.286989	.1533940	1.312757	.6656892	.1176378

#1	1380.643	2039.155	29498.29	4910.737	2135.135
#2	1415.129	2034.859	30227.16	4938.555	2130.546
#3	1389.223	2033.081	29617.59	4873.446	2131.085

Sample Name: CCB01 Acquired: 08/30/2019 12:24:45 Type: Unk
Method: NON EPA-6010-200.7(v159) 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	.0025497	-.000666	.0002917	-.001373	.0009961	-.001252	.0011327
Stddev	.0025157	.000922	.0015762	.003547	.0016014	.005088	.0001848
%RSD	98.66830	138.4957	540.2926	258.4146	160.7690	406.3934	16.31180

#1	.0036314	-.001409	.0020745	.000723	.0003540	.001866	.0011143
#2	-.000326	-.000956	-.000282	.000627	.0028188	.001501	.0009578
#3	.004344	.000366	-.000917	-.005469	-.000185	-.007123	.0013260

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000726	-.000038	-.015181	.0001433	.0001223	.0022494	.0079710
Stddev	.0000651	.000066	.003829	.0006782	.0002468	.0020166	.0044008
%RSD	89.78433	173.7262	25.22251	473.0925	201.7903	89.65164	55.20985

#1	-.000001	-.000026	-.016402	.0009001	-.000072	-.000077	.0130525
#2	.000123	.000021	-.018251	-.000409	.000400	.003509	.0054442
#3	.000096	-.000109	-.010891	-.000061	.000040	.003315	.0054162

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000323	.0187649	.0000683	-.000162	.6104238	-.001726	-.000462
Stddev	.000252	.0257270	.0001415	.000355	.3053474	.002793	.000102
%RSD	78.17728	137.1014	207.1627	218.8013	50.02220	161.8100	22.18784

#1	-.000032	.0047779	.0002064	.000248	.7243215	-.004283	-.000411
#2	-.000489	.0484554	-.000076	-.000374	.8424516	.001255	-.000580
#3	-.000448	.0030615	.000075	-.000361	.2644983	-.002151	-.000395

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3095454	.0021178	.0034668	.0002595	-.008037	.0014452	-.000825
Stddev	.0728821	.0011190	.0008999	.0003634	.001188	.0005339	.001178
%RSD	23.54488	52.83594	25.95714	140.0207	14.78741	36.94094	142.8132

#1	.3188607	.0023533	.0036703	.0006772	-.007766	.0014447	-.000981
#2	.3773221	.0008998	.0024826	.0000853	-.009337	.0019793	.000424
#3	.2324536	.0031002	.0042475	.0000161	-.007007	.0009116	-.001916

Sample Name: CCB01 Acquired: 08/30/2019 12:24:45 Type: Unk
 Method: NON EPA-6010-200.7(v159) 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	.0010431	-.000601	.0000084
Stddev	.0003780	.001039	.0000757
%RSD	36.24098	172.8392	897.6083

#1	.0009540	-.001686	.0000615
#2	.0014577	.000384	-.000078
#3	.0007176	-.000501	.000042

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1364.832	2017.059	29284.35	4805.277	2089.718
Stddev	19.336	5.039	307.28	38.556	3.373
%RSD	1.416700	.2498425	1.049308	.8023650	.1614309

#1	1387.152	2014.822	29638.62	4794.073	2091.885
#2	1354.172	2022.830	29090.18	4848.194	2091.438
#3	1353.174	2013.526	29124.24	4773.564	2085.831

Sample Name: LR CHECK 1 Acquired: 08/30/2019 12:28:41 Type: Unk
Method: NON EPA-6010-200.7(v159) 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	.0058796	-.098962	.0510419	.1968115	.0284183	1811.003	.0070766
Stddev	.0053127	.008778	.0045702	.0037583	.0028471	11.084	.0005705
%RSD	90.35965	8.869579	8.953910	1.909584	10.01866	.6120125	8.061189

#1	.0117760	-.089774	.0493096	.2006764	.0287934	1814.905	.0068956
#2	.0014652	-.099852	.0475911	.1965882	.0254022	1819.608	.0077155
#3	.0043976	-.107262	.0562250	.1931698	.0310593	1798.496	.0066185

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096739	-.014001	1743.195	.0149704	.0672146	.1904591	950.4282
Stddev	.0002061	.000205	5.374	.0007028	.0006291	.0017048	4.9109
%RSD	2.130423	1.465602	.3082859	4.694807	.9360114	.8951264	.5167014

#1	.0098958	-.014129	1736.992	.0150685	.0670206	.1923219	948.2070
#2	.0096373	-.014111	1746.451	.0142237	.0667052	.1900789	956.0573
#3	.0094886	-.013765	1746.141	.0156191	.0679178	.1889764	947.0204

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035504	1956.513	.1294771	.0049185	1655.677	.0172855	.0802444
Stddev	.0001719	7.079	.0003110	.0006930	3.941	.0011201	.0023132
%RSD	4.842989	.3618266	.2401817	14.08976	.2380336	6.479995	2.882655

#1	.0034247	1952.249	.1291363	.0049021	1656.313	.0183269	.0780123
#2	.0037463	1964.684	.1297456	.0056196	1659.261	.0174291	.0800901
#3	.0034801	1952.605	.1295494	.0042338	1651.457	.0161005	.0826309

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	959.9671	-.084414	^ *****	.0056366	.1480973	-.011891	.0070449
Stddev	2.5454	.001249	-----	.0008544	.0070601	.001669	.0005953
%RSD	.2651522	1.479625	-----	15.15825	4.767183	14.03406	8.449522

#1	962.0107	-.085339	^ -----	.0047413	.1560374	-.010452	.0074547
#2	957.1159	-.084909	^ -----	.0064432	.1425269	-.011500	.0063621
#3	960.7749	-.082993	^ -----	.0057252	.1457277	-.013720	.0073177

Sample Name: LR CHECK 1 Acquired: 08/30/2019 12:28:41 Type: Unk
 Method: NON EPA-6010-200.7(v159) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.023660	.0136675	.0122841
Stddev	.000836	.0029477	.0000995
%RSD	3.532351	21.56721	.8099633

#1	-.023511	.0115580	.0123110
#2	-.022908	.0124089	.0121740
#3	-.024560	.0170356	.0123675

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1141.442	1818.303	25697.11	4403.017	1907.758
Stddev	12.954	6.200	180.76	24.066	1.913
%RSD	1.134878	.3409680	.7034188	.5465758	.1002951

#1	1149.757	1822.334	25763.97	4375.396	1909.727
#2	1148.052	1821.411	25834.92	4414.188	1905.906
#3	1126.516	1811.164	25492.45	4419.468	1907.641

Sample Name: LR CHECK 2 Acquired: 08/30/2019 12:32:46 Type: Unk
Method: NON EPA-6010-200.7(v159) 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	.0009024	.0107138	262.6266	.0024856	-.008915	.3733671	101.2682
Stddev	.0007346	.0027308	1.8614	.0002653	.001878	.0289232	1.0470
%RSD	81.40507	25.48892	.7087462	10.67459	21.06847	7.746586	1.033922

#1	.0007787	.0133578	260.4921	.0024908	-.010609	.4064439	100.1402
#2	.0002375	.0108799	263.9124	.0027483	-.009241	.3608280	101.4554
#3	.0016911	.0079037	263.4752	.0022177	-.006895	.3528294	102.2090

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003107	.0014795	.2404632	-.136428	-.003354	233.7135	-.298102
Stddev	.000116	.0000495	.0188985	.000214	.000304	1.1220	.013540
%RSD	3.748748	3.342500	7.859222	.1571751	9.067113	.4800913	4.542122

#1	-.002998	.0014620	.2621967	-.136180	-.003316	232.4794	-.288562
#2	-.003094	.0014412	.2312988	-.136542	-.003070	234.6722	-.292145
#3	-.003230	.0015353	.2278943	-.136560	-.003675	233.9888	-.313600

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.86955	.1231692	51.17508	-.001015	1.392432	-.018518	32.18691
Stddev	.47563	.0273022	.37188	.000382	.150382	.005806	.12029
%RSD	.9732719	22.16642	.7266725	37.63738	10.79995	31.35270	.3737176

#1	48.42546	.1389688	50.74574	-.000594	1.454975	-.021045	32.20820
#2	48.81176	.0916433	51.39590	-.001341	1.220871	-.011877	32.29514
#3	49.37144	.1388954	51.38362	-.001110	1.501449	-.022632	32.05741

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3126443	-.905000	-.002805	-.036000	-.815848	.0102982	-.004723
Stddev	.0912951	.009238	.000596	.001267	.009418	.0002825	.000162
%RSD	29.20094	1.020768	21.26812	3.519705	1.154412	2.743401	3.437115

#1	.4037533	-.894693	-.002614	-.034557	-.807387	.0105639	-.004909
#2	.2211643	-.907777	-.002326	-.036511	-.814161	.0100014	-.004610
#3	.3130153	-.912532	-.003473	-.036932	-.825995	.0103292	-.004651

Sample Name: LR CHECK 2 Acquired: 08/30/2019 12:32:46 Type: Unk
Method: NON EPA-6010-200.7(v159) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0103601	.0024082	.0004586
Stddev	.0003898	.0017920	.0001295
%RSD	3.762747	74.40999	28.23493

#1	.0107599	.0034593	.0006046
#2	.0103391	.0003391	.0004132
#3	.0099811	.0034262	.0003579

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1314.481	1453.593	30642.55	4973.694	2222.993
Stddev	7.323	6.905	65.85	42.295	14.015
%RSD	.5570803	.4750157	.2149042	.8503687	.6304669

#1	1316.547	1461.365	30593.38	4976.348	2239.118
#2	1306.347	1448.169	30616.89	5014.599	2213.742
#3	1320.549	1451.244	30717.37	4930.135	2216.118

Sample Name: PB122637BS Acquired: 08/30/2019 12:38:36 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.7662719	1.916405	.9897568	1.808681	.7940326	2.078787
Stddev	.0025624	.003991	.0054404	.006088	.0021715	.025970
%RSD	.3343952	.2082463	.5496664	.3365801	.2734754	1.249308

#1	.7657042	1.911998	.9910828	1.812221	.7930396	2.050791
#2	.7640409	1.917442	.9837761	1.801651	.7925351	2.102092
#3	.7690705	1.919775	.9944116	1.812170	.7965230	2.083478

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2184772	.1925652	.1948289	1.001583	.3876359	.2004027
Stddev	.0009765	.0035021	.0003553	.006112	.0014178	.0006024
%RSD	.4469366	1.818635	.1823634	.6102726	.3657652	.3005739

#1	.2185673	.1908880	.1945682	.995115	.3864016	.2000409
#2	.2194055	.1965905	.1946849	1.007264	.3873215	.2000691
#3	.2174588	.1902172	.1952336	1.002368	.3891845	.2010980

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3319609	3.249828	.2130776	2.026660	.5081644	.0712156
Stddev	.0022535	.049616	.0009353	.032630	.0022340	.0013362
%RSD	.6788556	1.526725	.4389462	1.610023	.4396242	1.876282

#1	.3296121	3.196739	.2120030	2.031634	.5066287	.0705354
#2	.3321655	3.257719	.2135214	2.056517	.5071372	.0703564
#3	.3341053	3.295025	.2137083	1.991829	.5107272	.0727551

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3.654134	.3115632	.2082110	10.07992	5.974988	.2784102
Stddev	.336437	.0023246	.0014984	.02598	.008681	.0030441
%RSD	9.207034	.7461048	.7196756	.2577664	.1452920	1.093380

#1	3.386844	.3125312	.2093524	10.09199	5.964963	.2775834
#2	4.031924	.3089110	.2087665	10.09767	5.980035	.2817823
#3	3.543634	.3132473	.2065141	10.05009	5.979965	.2758650

Sample Name: PB122637BS Acquired: 08/30/2019 12:38:36 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.3872794	-.008674	.9006769	.6842256	.1957293	.1139035
Stddev	.0016807	.002401	.0161876	.0025371	.0014968	.0012656
%RSD	.4339753	27.68495	1.797273	.3707925	.7647435	1.111137

#1	.3867985	-.009084	.8906695	.6838833	.1968774	.1125626
#2	.3858916	-.006094	.9193528	.6818771	.1940363	.1150773
#3	.3891481	-.010843	.8920084	.6869165	.1962741	.1140706

Elem	Sr4077
Units	ppm
Avg	.2069089
Stddev	.0012750
%RSD	.6162013

#1	.2055089
#2	.2072146
#3	.2080033

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1329.940	1956.350	28756.33	4747.728	2076.827
Stddev	7.811	4.768	321.24	59.281	6.253
%RSD	.5873092	.2437240	1.117094	1.248628	.3010721

#1	1323.095	1953.840	28841.16	4767.828	2076.079
#2	1338.449	1961.849	29026.63	4681.010	2083.419
#3	1328.276	1953.362	28401.19	4794.347	2070.981

Sample Name: PB122643BS Acquired: 08/30/2019 12:42:18 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.8047190	1.929292	.9899672	2.031790	.7943522	2.028250
Stddev	.0027448	.005012	.0031012	.005060	.0020641	.031841
%RSD	.3410858	.2597671	.3132634	.2490410	.2598405	1.569877

#1	.8050957	1.923523	.9881711	2.035123	.7964318	1.991817
#2	.8072560	1.932574	.9935482	2.034279	.7943208	2.042183
#3	.8018053	1.931780	.9881823	2.025967	.7923040	2.050749

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2095602	.2070823	.1991805	.9591671	.3928423	.2011998
Stddev	.0018886	.0012125	.0004325	.0064054	.0002832	.0008832
%RSD	.9012197	.5855054	.2171139	.6678045	.0720972	.4389798

#1	.2074392	.2063928	.1987342	.9518320	.3928556	.2002816
#2	.2110599	.2084823	.1995976	.9636569	.3931186	.2012743
#3	.2101815	.2063719	.1992097	.9620124	.3925526	.2020434

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3191722	3.227547	.2103866	2.065748	.5069683	.0721686
Stddev	.0072199	.028578	.0032633	.007636	.0001528	.0002330
%RSD	2.262083	.8854261	1.551089	.3696531	.0301456	.3227934

#1	.3159631	3.195638	.2066380	2.061047	.5070079	.0723712
#2	.3141131	3.236216	.2119297	2.061639	.5067995	.0722206
#3	.3274403	3.250786	.2125922	2.074559	.5070974	.0719140

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.504169	.3108298	.2065733	10.27844	F 6.370110	.2963066
Stddev	.287375	.0004777	.0015851	.04496	.015161	.0021979
%RSD	8.200933	.1536781	.7673515	.4374306	.2379947	.7417681

#1	3.832591	.3104124	.2078993	10.22691	6.365130	.2939460
#2	3.298867	.3107262	.2070030	10.29868	6.387135	.2982941
#3	3.381049	.3113507	.2048176	10.30972	6.358066	.2966795

Sample Name: PB122643BS Acquired: 08/30/2019 12:42:18 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.3860359	F -.007748	.9544227	.6932072	.1958246	F .1098114
Stddev	.0001672	.000614	.0080210	.0045397	.0024436	.0019292
%RSD	.0433126	7.923917	.8404078	.6548839	1.247836	1.756865

#1	.3861755	-.007400	.9489112	.6936551	.1931671	.1080886
#2	.3860817	-.007387	.9636247	.6975063	.1963320	.1118959
#3	.3858506	-.008457	.9507321	.6884601	.1979746	.1094496

Elem	Sr4077
Units	ppm
Avg	.2071249
Stddev	.0014727
%RSD	.7109966

#1	.2058094
#2	.2068494
#3	.2087158

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1397.394	2032.809	29813.53	4860.935	2148.298
Stddev	4.109	9.775	29.97	27.847	2.728
%RSD	.2940614	.4808734	.1005342	.5728799	.1269969

#1	1399.519	2026.735	29845.31	4890.562	2147.783
#2	1400.005	2027.606	29809.50	4835.297	2145.864
#3	1392.657	2044.085	29785.78	4856.946	2151.247

Sample Name: PB122650BS Acquired: 08/30/2019 12:45:57 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.8072680	1.922509	.9873923	2.024387	.7944125	2.037861
Stddev	.0035179	.004969	.0045213	.008188	.0025694	.023781
%RSD	.4357778	.2584444	.4579052	.4044739	.3234333	1.166963

#1	.8040580	1.922408	.9845467	2.029607	.7958715	2.046232
#2	.8110288	1.917592	.9850245	2.028603	.7914457	2.011026
#3	.8067172	1.927528	.9926058	2.014950	.7959202	2.056324

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2121781	.2079598	.1980445	.9770646	.3905156	.2004926
Stddev	.0017178	.0003565	.0006260	.0179464	.0008285	.0011359
%RSD	.8095950	.1714065	.3160671	1.836767	.2121439	.5665405

#1	.2137428	.2081553	.1975783	.9862559	.3906605	.2006551
#2	.2103400	.2075484	.1977994	.9563844	.3912621	.1992843
#3	.2124514	.2081758	.1987560	.9885537	.3896243	.2015385

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3167696	3.267618	.2119840	2.042632	.5038770	.0718571
Stddev	.0014741	.028211	.0031071	.013673	.0012465	.0005292
%RSD	.4653443	.8633376	1.465730	.6693832	.2473917	.7365165

#1	.3182408	3.271000	.2147563	2.058343	.5037655	.0716367
#2	.3167751	3.237868	.2086255	2.036122	.5026900	.0724609
#3	.3152927	3.293985	.2125703	2.033430	.5051756	.0714736

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.256557	.3150525	.2056229	10.20119	F 6.381260	.2967840
Stddev	.199394	.0044380	.0009217	.12404	.009447	.0006254
%RSD	6.122835	1.408657	.4482695	1.215956	.1480371	.2107319

#1	3.449099	.3181590	.2065264	10.26444	6.379154	.2960687
#2	3.050954	.3099696	.2056583	10.05827	6.373044	.2970553
#3	3.269617	.3170288	.2046840	10.28085	6.391582	.2972279

Sample Name: PB122650BS Acquired: 08/30/2019 12:45:57 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.3846122	F -.007548	.9580682	.6900160	.1969137	F .1097816
Stddev	.0010227	.000850	.0059873	.0006229	.0015798	.0016106
%RSD	.2658939	11.25561	.6249376	.0902762	.8022798	1.467115

#1	.3834626	-.007722	.9512770	.6904850	.1972354	.1114085
#2	.3854206	-.008296	.9603423	.6902539	.1951979	.1081878
#3	.3849535	-.006624	.9625854	.6893092	.1983080	.1097485

Elem	Sr4077
Units	ppm
Avg	.2062251
Stddev	.0009841
%RSD	.4772000

#1	.2058619
#2	.2054741
#3	.2073391

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1373.078	2037.356	29503.58	4769.812	2153.843
Stddev	9.262	2.712	98.40	34.210	5.208
%RSD	.6745143	.1331164	.3335132	.7172204	.2418160

#1	1362.397	2034.226	29424.02	4739.879	2152.399
#2	1378.880	2039.002	29613.61	4807.102	2159.621
#3	1377.957	2038.841	29473.11	4762.454	2149.509

Sample Name: PB122674BS Acquired: 08/30/2019 12:49:37 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.8028072	1.919678	.9854659	2.029516	.7863236	2.022815	.2106675
Stddev	.0050156	.003627	.0017747	.005306	.0023974	.019560	.0015179
%RSD	.6247525	.1889183	.1800819	.2614606	.3048883	.9669778	.7205119

#1	.8012723	1.922268	.9860404	2.034770	.7878456	2.005309	.2108882
#2	.8084108	1.921234	.9834752	2.024158	.7835601	2.019208	.2090514
#3	.7987384	1.915533	.9868822	2.029619	.7875652	2.043928	.2120630

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2050970	.1985669	.9799222	.3882918	.2006330	.3144230	3.223632
Stddev	.0029164	.0003722	.0033978	.0003652	.0004797	.0034623	.033990
%RSD	1.421972	.1874235	.3467412	.0940641	.2391043	1.101174	1.054414

#1	.2070877	.1986309	.9760023	.3884357	.2010696	.3130336	3.230316
#2	.2017494	.1981669	.9817382	.3878766	.2001194	.3118711	3.186796
#3	.2064541	.1989029	.9820261	.3885633	.2007101	.3183642	3.253784

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2104709	2.040631	.5046223	.0724457	3.429277	.3114975	.2119696
Stddev	.0010809	.014431	.0006459	.0004924	.213563	.0022072	.0013505
%RSD	.5135723	.7071855	.1280020	.6796307	6.227644	.7085862	.6370996

#1	.2115878	2.041680	.5042468	.0724582	3.630583	.3119059	.2111026
#2	.2094299	2.025704	.5042519	.0719471	3.205270	.3091145	.2112806
#3	.2103952	2.054509	.5053681	.0729316	3.451978	.3134720	.2135256

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.13853	6.370225	.2935587	.3825872	-.011672	.9409266	.6882447
Stddev	.07067	.032585	.0042956	.0012682	.001515	.0131231	.0043703
%RSD	.6970188	.5115143	1.463297	.3314875	12.97891	1.394694	.6349847

#1	10.05958	6.398081	.2971072	.3837466	-.011040	.9497381	.6925060
#2	10.16014	6.378201	.2887830	.3812327	-.013401	.9258446	.6837731
#3	10.19587	6.334393	.2947858	.3827822	-.010576	.9471972	.6884550

Sample Name: PB122674BS Acquired: 08/30/2019 12:49:37 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1952607	.1085378	.2051338
Stddev	.0004776	.0020425	.0012806
%RSD	.2446165	1.881813	.6243007

#1	.1949353	.1091136	.2038954
#2	.1950378	.1062692	.2050530
#3	.1958091	.1102306	.2064529

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1386.707	2036.972	29713.06	4840.603	2148.321
Stddev	8.186	6.340	88.55	41.071	6.910
%RSD	.5903327	.3112514	.2980164	.8484689	.3216347

#1	1391.363	2033.526	29734.90	4807.574	2142.692
#2	1377.254	2044.289	29615.64	4886.590	2156.032
#3	1391.502	2033.101	29788.65	4827.646	2146.238

Sample Name: K4439-02 Acquired: 08/30/2019 12:53:17 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-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	.2492693	-.014687	2.930207	.0791945	.0056716	56.54138	3.335069
Stddev	.0017502	.000846	.006525	.0030715	.0009920	.64197	.038141
%RSD	.7021128	5.756676	.2226639	3.878379	17.49103	1.135406	1.143634

#1	.2495008	-.014562	2.930919	.0765783	.0046514	55.80247	3.291028
#2	.2474149	-.015589	2.923356	.0784289	.0057305	56.85942	3.356964
#3	.2508922	-.013912	2.936347	.0825763	.0066329	56.96225	3.357215

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095452	.0009033	174.0521	.1834622	.0945585	.6466057	277.9604
Stddev	.0001217	.0000394	2.3119	.0003084	.0002896	.0076697	2.8726
%RSD	1.274953	4.361394	1.328278	.1681062	.3062955	1.186151	1.033452

#1	.0094325	.0009187	171.4688	.1831293	.0944256	.6377566	274.6750
#2	.0095289	.0008585	174.7606	.1835192	.0943591	.6507212	279.2079
#3	.0096742	.0009326	175.9267	.1837381	.0948907	.6513391	279.9983

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.052401	29.26896	.3217105	.0063439	12.83341	.2926511	2.535514
Stddev	.023286	.26943	.0012453	.0005995	.08514	.0031313	.003224
%RSD	1.134560	.9205416	.3870716	9.450534	.6634121	1.069984	.1271474

#1	2.025811	28.96305	.3217790	.0056612	12.80046	.2892393	2.531849
#2	2.062234	29.37281	.3204325	.0065859	12.76968	.2933202	2.537910
#3	2.069156	29.47101	.3229202	.0067846	12.93010	.2953937	2.536785

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.53276	6.598392	-.063678	.0275724	29.03173	1.505061	.3461707
Stddev	.13514	.027692	.003228	.0003319	.09541	.027726	.0027595
%RSD	1.078328	.4196855	5.068681	1.203859	.3286574	1.842165	.7971360

#1	12.37940	6.569072	-.060672	.0276434	28.92180	1.475314	.3441028
#2	12.63444	6.602002	-.063272	.0272107	29.08025	1.509685	.3493040
#3	12.58444	6.624103	-.067089	.0278631	29.09313	1.530183	.3451051

Sample Name: K4439-02 Acquired: 08/30/2019 12:53:17 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-1-(1-3) Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.669910	.0537675	1.872004
Stddev	.028176	.0007010	.014261
%RSD	1.055326	1.303751	.7617897

#1	2.637477	.0529588	1.856084
#2	2.683904	.0542028	1.876319
#3	2.688350	.0541408	1.883609

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1522.768	2266.490	33274.85	5578.751	2213.568
Stddev	14.772	5.242	158.05	34.488	3.961
%RSD	.9700774	.2312646	.4749752	.6182106	.1789404

#1	1508.185	2270.441	33224.59	5617.146	2216.729
#2	1522.398	2268.484	33148.05	5568.711	2214.850
#3	1537.722	2260.544	33451.92	5550.397	2209.125

Sample Name: K4439-03 Acquired: 08/30/2019 12:56:56 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-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	.1852064	-.022803	4.155039	.0705967	.0234850	92.13734	3.350147
Stddev	.0040715	.004962	.005735	.0018870	.0016029	.18656	.006447
%RSD	2.198377	21.76216	.1380288	2.672922	6.825244	.2024849	.1924243

#1	.1894880	-.023699	4.152885	.0684363	.0248912	91.92212	3.357590
#2	.1813838	-.017453	4.150693	.0719226	.0217396	92.23692	3.346339
#3	.1847474	-.027255	4.161539	.0714311	.0238240	92.25299	3.346512

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095388	.0041886	795.5599	.2663522	.1278736	.8597791	288.0707
Stddev	.0000849	.0002546	4.6578	.0004837	.0001851	.0024097	.2258
%RSD	.8898256	6.078346	.5854751	.1816006	.1447158	.2802653	.0783720

#1	.0096119	.0041080	791.2499	.2658239	.1276606	.8572644	288.3311
#2	.0094457	.0039841	800.5011	.2667734	.1279660	.8620678	287.9300
#3	.0095587	.0044738	794.9285	.2664594	.1279943	.8600051	287.9509

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.474783	70.68839	.4047932	.0053716	8.139608	.2785050	3.495234
Stddev	.003601	.22928	.0003702	.0005762	.129957	.0018548	.009877
%RSD	.1036246	.3243562	.0914531	10.72642	1.596599	.6659984	.2825976

#1	3.478518	70.92128	.4050353	.0047785	8.285622	.2782647	3.495075
#2	3.474497	70.46289	.4049771	.0059292	8.036623	.2767821	3.505190
#3	3.471333	70.68101	.4043670	.0054073	8.096579	.2804683	3.485437

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.10472	15.19961	-.087855	.0109490	29.23251	1.607261	.1963418
Stddev	.06605	.07343	.000861	.0003111	.16373	.006692	.0012055
%RSD	.4682684	.4830936	.9796967	2.841755	.5600875	.4163864	.6139819

#1	14.16360	15.23693	-.088668	.0106427	29.29216	1.611743	.1950380
#2	14.11724	15.11502	-.086954	.0112648	29.04732	1.599568	.1974161
#3	14.03330	15.24688	-.087942	.0109394	29.35806	1.610472	.1965713

Sample Name: K4439-03 Acquired: 08/30/2019 12:56:56 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-2-(1-3) Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.902483	.1353709	2.658761
Stddev	.003160	.0011666	.008685
%RSD	.1660828	.8617940	.3266460

#1	1.898838	.1362204	2.649605
#2	1.904456	.1340407	2.659798
#3	1.904153	.1358515	2.666881

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1574.017	2387.785	35087.33	5908.607	2108.722
Stddev	8.637	8.254	50.24	12.701	4.462
%RSD	.5487462	.3456938	.1431910	.2149595	.2115937

#1	1570.721	2394.531	35051.20	5894.359	2112.826
#2	1567.513	2390.244	35066.10	5912.718	2109.367
#3	1583.817	2378.581	35144.71	5918.743	2103.973

Sample Name: K4439-04 Acquired: 08/30/2019 13:00:45 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-1-(5-7) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0620099	-.009762	.3428346	.0456822	.0049671	95.54717	.5331788
Stddev	.0025948	.003729	.0021383	.0035728	.0013334	.38024	.0019822
%RSD	4.184446	38.19769	.6237008	7.821049	26.84358	.3979645	.3717717

#1	.0598822	-.012909	.3453024	.0480195	.0056150	95.23982	.5316927
#2	.0612468	-.010734	.3415330	.0415694	.0034336	95.42931	.5324144
#3	.0649006	-.005643	.3416685	.0474576	.0058527	95.97239	.5354294

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059538	-.002088	111.2964	.1936328	.0507240	.3029505	185.1973
Stddev	.0000831	.000048	.5481	.0006648	.0002816	.0036346	1.1475
%RSD	1.396428	2.302372	.4924607	.3433159	.5551801	1.199736	.6195957

#1	.0058875	-.002045	111.3062	.1943920	.0509790	.3050883	185.3218
#2	.0059269	-.002080	110.7434	.1931553	.0507713	.2987539	183.9926
#3	.0060471	-.002140	111.8395	.1933509	.0504218	.3050094	186.2774

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.098489	50.31990	.4725742	.0023882	5.436677	.2456409	.5181336
Stddev	.009008	.33986	.0007792	.0001052	.140385	.0047663	.0033307
%RSD	.8200707	.6754032	.1648916	4.406783	2.582183	1.940364	.6428339

#1	1.103575	50.33585	.4734489	.0024003	5.286518	.2410533	.5219795
#2	1.088088	49.97235	.4719541	.0024869	5.458867	.2453017	.5162265
#3	1.103804	50.65151	.4723197	.0022774	5.564645	.2505678	.5161946

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.482828	4.161226	-.037689	.0093391	7.228011	2.017649	.0133179
Stddev	.115138	.030488	.001852	.0002642	.030956	.003550	.0011283
%RSD	1.538697	.7326638	4.914972	2.828931	.4282841	.1759616	8.472327

#1	7.349908	4.127385	-.039491	.0090341	7.196853	2.017987	.0135140
#2	7.546862	4.169744	-.037787	.0094862	7.228419	2.013941	.0121044
#3	7.551715	4.186549	-.035790	.0094970	7.258762	2.021018	.0143354

Sample Name: K4439-04 Acquired: 08/30/2019 13:00:45 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-1-(5-7) Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.664773	.0847031	.5213808
Stddev	.010268	.0011586	.0013972
%RSD	.3853076	1.367878	.2679784

#1	2.662387	.0839561	.5198178
#2	2.655909	.0841153	.5225084
#3	2.676024	.0860378	.5218162

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1452.787	2165.661	31458.13	5227.280	2172.308
Stddev	9.404	1.938	195.55	12.419	4.222
%RSD	.6473129	.0895083	.6216079	.2375780	.1943448

#1	1443.620	2167.724	31262.74	5215.253	2167.660
#2	1452.330	2163.878	31457.81	5226.532	2173.360
#3	1462.411	2165.379	31653.84	5240.056	2175.904

Sample Name: K4439-05 Acquired: 08/30/2019 13:04:26 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-4A-(1-3) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0873199	-.009441	1.735809	.0453140	.0047050	81.61507	1.330382
Stddev	.0028046	.001363	.003747	.0026276	.0007718	.63563	.015200
%RSD	3.211917	14.44172	.2158868	5.798681	16.40357	.7788147	1.142536

#1	.0904886	-.009858	1.731482	.0454941	.0055763	80.91181	1.314907
#2	.0863148	-.010547	1.737990	.0478469	.0044314	82.14862	1.345292
#3	.0851563	-.007917	1.737954	.0426010	.0041072	81.78478	1.330947

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079514	.0006550	46.72731	.1627113	.1224545	.4588631	198.1252
Stddev	.0000905	.0000898	.64668	.0009956	.0001296	.0027472	2.2342
%RSD	1.138712	13.70584	1.383937	.6118825	.1058363	.5986879	1.127695

#1	.0079881	.0007465	46.17247	.1634935	.1223130	.4595953	195.8817
#2	.0080178	.0005670	47.43752	.1630498	.1224829	.4558241	200.3501
#3	.0078483	.0006514	46.57194	.1615906	.1225674	.4611701	198.1440

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.857611	44.07880	.6561503	.0025605	5.988721	.2844105	1.737023
Stddev	.045789	.71201	.0015839	.0005538	.289696	.0080228	.002879
%RSD	1.186989	1.615301	.2413956	21.62881	4.837361	2.820833	.1657288

#1	3.818026	43.38214	.6554722	.0019222	5.875261	.2801026	1.739245
#2	3.907758	44.80522	.6579604	.0029136	6.317974	.2936670	1.733771
#3	3.847048	44.04904	.6550183	.0028458	5.772927	.2794620	1.738053

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.47380	5.165078	-.054482	.0056275	2.866324	1.507275	.0308545
Stddev	.12522	.001547	.001602	.0006296	.004971	.007927	.0023629
%RSD	1.003842	.0299536	2.940102	11.18832	.1734357	.5258957	7.658179

#1	12.33642	5.163828	-.056174	.0059233	2.871824	1.501686	.0335818
#2	12.58153	5.166808	-.052989	.0049044	2.862152	1.516347	.0294237
#3	12.50345	5.164599	-.054282	.0060547	2.864994	1.503793	.0295580

Sample Name: K4439-05 Acquired: 08/30/2019 13:04:26 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-4A-(1-3) Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.874436	.0946720	.3797985
Stddev	.019472	.0023939	.0020976
%RSD	.6774121	2.528630	.5522850

#1	2.855236	.0920772	.3778733
#2	2.894168	.0967946	.3794882
#3	2.873904	.0951442	.3820339

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1616.066	2392.465	34975.00	5726.953	2199.561
Stddev	2.105	4.281	138.55	37.299	8.327
%RSD	.1302262	.1789334	.3961540	.6512849	.3785929

#1	1615.024	2396.951	34821.46	5744.381	2201.929
#2	1618.488	2388.424	35012.82	5684.130	2190.306
#3	1614.685	2392.021	35090.71	5752.348	2206.448

Sample Name: CCV02 Acquired: 08/30/2019 13:08:08 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	5.181545	5.054605	5.111738	5.188297	5.137412	10.22635	10.62577
Stddev	.031111	.007712	.014045	.009388	.013821	.12500	.08774
%RSD	.6004238	.1525777	.2747578	.1809517	.2690219	1.222306	.8257125

#1	5.163665	5.059966	5.097184	5.178244	5.127039	10.09412	10.53012
#2	5.217469	5.058082	5.112818	5.196837	5.153102	10.24235	10.64467
#3	5.163501	5.045766	5.125211	5.189811	5.132097	10.34257	10.70252

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2565440	2.518526	26.15740	.9948846	2.552600	1.275524	5.199860
Stddev	.0026701	.005510	.24816	.0042897	.005796	.013903	.056828
%RSD	1.040804	.2187657	.9487301	.4311730	.2270569	1.089987	1.092866

#1	.2534610	2.514195	25.87439	.9901046	2.547041	1.261203	5.135402
#2	.2581161	2.516654	26.25997	.9961499	2.552153	1.276402	5.221444
#3	.2580550	2.524727	26.33783	.9983993	2.558607	1.288968	5.242733

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.620529	25.79601	2.553926	1.282571	26.35665	2.592343	2.554915
Stddev	.031950	.26021	.005871	.002856	.07379	.021445	.012912
%RSD	1.219201	1.008715	.2298938	.2226480	.2799737	.8272419	.5053698

#1	2.586074	25.53062	2.547241	1.285791	26.44149	2.569234	2.569768
#2	2.626335	25.80671	2.556292	1.281573	26.32102	2.596193	2.548611
#3	2.649177	26.05071	2.558245	1.280348	26.30743	2.611603	2.546366

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.63680	5.203365	5.111743	5.132851	5.201100	5.132146	5.097711
Stddev	.12984	.014931	.045263	.009263	.015351	.062638	.009995
%RSD	.5064714	.2869498	.8854743	.1804711	.2951582	1.220503	.1960665

#1	25.48744	5.219820	5.059789	5.126076	5.188550	5.059942	5.091684
#2	25.72277	5.199594	5.142654	5.143407	5.196535	5.164582	5.092202
#3	25.70020	5.190681	5.132786	5.129070	5.218217	5.171915	5.109248

Sample Name: CCV02 Acquired: 08/30/2019 13:08:08 Type: Unk
 Method: NON EPA-6010-200.7(v160) 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	5.146434	5.286603	5.064656
Stddev	.051093	.048401	.099683
%RSD	.9927804	.9155359	1.968212

#1	5.095216	5.232299	4.949997
#2	5.146686	5.302312	5.113218
#3	5.197400	5.325198	5.130752

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1350.342	2002.055	29417.03	4869.491	2152.101
Stddev	14.950	3.083	159.53	18.695	1.881
%RSD	1.107140	.1540007	.5422917	.3839152	.0874192

#1	1333.141	2002.748	29233.56	4890.920	2152.362
#2	1357.677	1998.684	29522.99	4861.030	2153.839
#3	1360.208	2004.733	29494.55	4856.522	2150.103

Sample Name: CCB02 Acquired: 08/30/2019 13:11:47 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0004139	.0021814	-.001697	-.000853	.0010009	.0010505	.0014220
Stddev	.0017366	.0029985	.000927	.001680	.0012384	.0030092	.0005418
%RSD	419.5499	137.4581	54.65844	197.0128	123.7308	286.4558	38.10243

#1	-.001124	.0009652	-.002699	-.000643	-.000278	.0019882	.0018995
#2	.000068	.0055970	-.001524	-.002628	.001087	.0034792	.0015333
#3	.002298	-.000018	-.000868	.000713	.002194	-.002316	.0008332

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000025	.0001109	-.010788	.0002303	.0002210	.0096233	.0049308
Stddev	.000065	.0000276	.004907	.0002704	.0002099	.0017734	.0041111
%RSD	259.8688	24.92339	45.48662	117.4211	94.94729	18.42845	83.37563

#1	.000046	.0000824	-.012897	-.000082	.0002697	.0088279	.0049382
#2	-.000083	.0001376	-.014289	.000375	-.000009	.0083869	.0090381
#3	-.000038	.0001128	-.005179	.000398	.000402	.0116552	.0008160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002742	-.001152	-.000740	.0000718	.4685860	-.002491	.0003724
Stddev	.0002329	.008848	.000115	.0003239	.0293793	.001169	.0001720
%RSD	84.92043	767.9324	15.58330	450.8616	6.269785	46.91623	46.19397

#1	.0004549	.003865	-.000638	.0004148	.5025094	-.003435	.0005639
#2	.0000114	-.011369	-.000865	-.000229	.4518349	-.002855	.0002311
#3	.0003564	.004047	-.000718	.000030	.4514136	-.001184	.0003220

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2891677	.0006058	.0077345	.0003548	-.004538	.0035385	.0020871
Stddev	.0651195	.0021578	.0003963	.0004351	.002933	.0009414	.0008573
%RSD	22.51963	356.2038	5.123974	122.6310	64.61969	26.60308	41.07516

#1	.2593767	-.001052	.0080711	.0006686	-.001581	.0038570	.0013473
#2	.3638538	.003046	.0072977	-.000142	-.004588	.0042793	.0030266
#3	.2442726	-.000176	.0078347	.000538	-.007446	.0024792	.0018874

Sample Name: CCB02 Acquired: 08/30/2019 13:11:47 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007940	.0022602	.0002735
Stddev	.0011926	.0016083	.0001122
%RSD	150.1999	71.15445	41.00304

#1	.0019377	.0034551	.0004005
#2	.0008865	.0004317	.0002318
#3	-.000442	.0028940	.0001882

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1373.518	2024.656	29275.49	4881.006	2100.042
Stddev	9.562	4.557	164.86	16.057	6.926
%RSD	.6961987	.2250918	.5631395	.3289698	.3298104

#1	1378.184	2029.605	29388.11	4874.937	2103.058
#2	1362.518	2020.633	29086.26	4868.867	2104.949
#3	1379.852	2023.729	29352.09	4899.212	2092.119

Sample Name: PB122674BL Acquired: 08/30/2019 13:16:03 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0022165	.0009911	.0009299	.0014571	.0008272	-.000607	.0009681
Stddev	.0034849	.0028368	.0016944	.0005781	.0019449	.008437	.0002711
%RSD	157.2248	286.2178	182.2059	39.67415	235.1164	1390.938	28.00464

#1	-.000463	.0024458	.0009981	.0007996	.0019656	-.007978	.0006628
#2	.006156	-.002278	-.000798	.0018857	-.001418	-.002437	.0011806
#3	.000957	.002806	.002589	.0016860	.001934	.008595	.0010610

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000123	.0000021	-.012237	.0002410	-.000075	.0079234	.0093764
Stddev	.0000746	.0000473	.009796	.0003234	.000054	.0022901	.0075689
%RSD	606.7003	2231.663	80.04679	134.1864	71.98054	28.90278	80.72379

#1	-.000073	-.000008	-.006042	-.000030	-.000128	.0103656	.0027720
#2	.000067	.000054	-.023530	.000599	-.000076	.0058241	.0077211
#3	.000042	-.000039	-.007139	.000154	-.000020	.0075805	.0176359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000077	.0089060	-.000067	-.000351	.3770124	.0007412	-.000032
Stddev	.000187	.0374747	.000282	.000149	.1538744	.0016319	.000060
%RSD	240.9539	420.7809	421.5790	42.32824	40.81415	220.1609	190.2829

#1	-.000178	.0477898	.000171	-.000198	.1993369	-.000224	-.000048
#2	-.000192	-.026979	-.000378	-.000495	.4667927	-.000178	.000035
#3	.000138	.005908	.000006	-.000360	.4649077	.002625	-.000082

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2350165	.0012592	-.000251	-.000128	-.006607	-.000041	-.001168
Stddev	.0440547	.0010342	.000368	.000712	.002812	.000421	.001431
%RSD	18.74536	82.13435	146.7579	558.2028	42.56117	1034.383	122.5420

#1	.1842670	.0018891	-.000647	.000551	-.009443	.000422	.000353
#2	.2634217	.0018229	-.000184	-.000869	-.006559	-.000142	-.001368
#3	.2573608	.0000656	.000079	-.000065	-.003819	-.000401	-.002489

Sample Name: PB122674BL Acquired: 08/30/2019 13:16:03 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0004272	-.000898	.0000095
Stddev	.0004223	.001345	.0000554
%RSD	98.84957	149.7280	582.1460

#1	.0006116	.000623	.0000156
#2	-.000056	-.001390	.0000616
#3	.000726	-.001928	-.000049

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1363.845	2011.755	29298.65	4838.401	2084.217
Stddev	10.095	11.590	163.33	55.706	7.105
%RSD	.7402084	.5761247	.5574603	1.151325	.3409153

#1	1368.919	2001.325	29475.50	4790.508	2076.013
#2	1370.397	2009.708	29266.96	4825.162	2088.311
#3	1352.220	2024.233	29153.49	4899.534	2088.328

Sample Name: PB122650BL Acquired: 08/30/2019 13:19:57 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB122650BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001574	.0011793	.0001198	.0000030	.0017415	-.001794	.0007658
Stddev	.001541	.0020049	.0005104	.0007409	.0004388	.009733	.0003877
%RSD	97.91792	170.0102	426.1864	24543.48	25.19819	542.6317	50.62458

#1	-.000897	-.000339	.0002194	.0008583	.0013253	-.001533	.0005618
#2	-.000487	.003452	-.000433	-.000407	.0022000	.007806	.0012129
#3	-.003338	.000425	.000573	-.000442	.0016993	-.011654	.0005227

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000025	-.000011	-.007421	.0002122	-.000063	.0068506	.0080461
Stddev	.000035	.000048	.006520	.0002338	.000231	.0013448	.0043010
%RSD	142.2334	438.3948	87.85252	110.1794	363.5631	19.63003	53.45444

#1	-.000063	.000003	-.005761	-.000050	.000203	.0054441	.0121833
#2	.000006	.000029	-.001892	.000289	-.000207	.0069841	.0035982
#3	-.000017	-.000064	-.014611	.000398	-.000187	.0081237	.0083568

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000552	-.000594	-.000300	-.000150	.3205532	.0004010	-.000011
Stddev	.000181	.004921	.000263	.000303	.2203339	.0017022	.000162
%RSD	32.81520	828.4612	87.69161	202.7624	68.73551	424.4418	1460.155

#1	-.000343	-.000082	-.000096	.000107	.5250219	.0017307	-.000198
#2	-.000659	.004051	-.000597	-.000484	.0872027	-.001517	.000073
#3	-.000654	-.005752	-.000208	-.000071	.3494352	.000990	.000092

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3230934	.0015687	-.001398	-.000215	-.005837	-.001894	-.001310
Stddev	.0775014	.0012523	.000145	.000251	.000142	.000683	.001188
%RSD	23.98732	79.83368	10.34110	116.7504	2.428128	36.05434	90.69116

#1	.4115353	.0030103	-.001565	-.000383	-.005948	-.001142	-.002504
#2	.2670406	.0007495	-.001326	-.000335	-.005887	-.002476	-.001297
#3	.2907042	.0009462	-.001305	.000073	-.005678	-.002064	-.000128

Sample Name: PB122650BL Acquired: 08/30/2019 13:19:57 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB122650BL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000598	-.000668	-.000049
Stddev	.0004424	.000306	.000012
%RSD	740.1591	45.80536	24.89357

#1	-.000447	-.000864	-.000062
#2	.000366	-.000315	-.000047
#3	.000261	-.000823	-.000038

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1367.925	2022.944	29247.59	4846.583	2090.487
Stddev	9.038	5.313	119.77	37.624	7.269
%RSD	.6606745	.2626251	.4095136	.7763077	.3476962

#1	1358.503	2024.697	29124.02	4822.136	2091.991
#2	1376.522	2027.159	29363.16	4827.703	2096.886
#3	1368.750	2016.976	29255.59	4889.908	2082.584

Sample Name: PB122643BL Acquired: 08/30/2019 13:23:50 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB122643BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001524	.0025560	-.000471	-.000351	.0018063	.0016456	.0016050
Stddev	.001806	.0036218	.001646	.000971	.0014671	.0063145	.0001753
%RSD	118.5007	141.6954	349.7115	276.6814	81.21993	383.7243	10.92107

#1	-.003416	-.001544	.000520	-.001418	.0033921	-.004737	.0015887
#2	.000182	.003893	-.002371	-.000116	.0015297	.007889	.0017878
#3	-.001339	.005319	.000439	.000481	.0004972	.001785	.0014384

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000011	.0000348	-.015882	.0001324	.0000683	.0065354	-.005267
Stddev	.000093	.0000464	.012664	.0003504	.0002517	.0009530	.004560
%RSD	844.7985	133.3580	79.74150	264.7496	368.4742	14.58203	86.57449

#1	-.000057	.0000856	-.009924	-.000166	-.000126	.0073255	-.002226
#2	.000096	-.000005	-.030426	.000045	-.000022	.0054770	-.003065
#3	-.000072	.000024	-.007295	.000518	.000353	.0068037	-.010510

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001725	-.001098	.0003190	-.000256	-.047475	.0007940	-.000353
Stddev	.0002138	.008934	.0005762	.000353	.332256	.0021131	.000130
%RSD	123.8860	813.7229	180.6057	137.9568	699.8551	266.1194	36.85468

#1	.0000297	.008799	-.000191	-.000309	-.271430	-.000568	-.000232
#2	.0004183	-.003526	.000204	-.000578	-.205270	-.000278	-.000491
#3	.0000696	-.008567	.000944	.000121	.334275	.003228	-.000337

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1779280	.0033389	-.002360	-.000313	-.006157	-.001029	-.002440
Stddev	.0963896	.0008242	.000644	.000674	.002124	.000810	.001621
%RSD	54.17338	24.68462	27.26442	215.5503	34.50079	78.70053	66.43913

#1	.2736987	.0042327	-.003084	.000334	-.003717	-.001546	-.000601
#2	.1791541	.0031753	-.002143	-.000260	-.007160	-.000096	-.003664
#3	.0809312	.0026088	-.001853	-.001011	-.007594	-.001446	-.003054

Sample Name: PB122643BL Acquired: 08/30/2019 13:23:50 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PB122643BL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001542	-.003413	-.000051
Stddev	.0006891	.000495	.000147
%RSD	446.8204	14.49249	291.0063

#1	-.000610	-.002949	-.000108
#2	.000729	-.003933	-.000160
#3	.000343	-.003355	.000116

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1372.318	2012.457	29231.54	4827.118	2086.712
Stddev	8.944	6.040	26.45	44.143	1.662
%RSD	.6517216	.3001219	.0904799	.9144849	.0796462

#1	1376.023	2010.695	29236.35	4779.371	2084.974
#2	1378.814	2019.181	29203.02	4866.444	2088.286
#3	1362.117	2007.494	29255.26	4835.539	2086.875

Sample Name: K4458-01 Acquired: 08/30/2019 13:27:43 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0011916	.0018886	.0210229	-.000240	.0002622	.0468130	.0056244
Stddev	.0038005	.0018022	.0008413	.002132	.0022719	.0060390	.0001338
%RSD	318.9539	95.42479	4.001997	889.5631	866.3377	12.90028	2.378099

#1	-.003141	.0002054	.0219447	.000292	.0026222	.0402601	.0054968
#2	.003962	.0016705	.0202964	.001576	.0000745	.0521544	.0056128
#3	.002754	.0037899	.0208277	-.002587	-.001910	.0480245	.0057635

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000025	.0023409	.5325411	.0044135	.0007411	.0089616	.6924880
Stddev	.000033	.0000601	.0191245	.0004156	.0002627	.0017278	.0020468
%RSD	128.7695	2.569723	3.591171	9.416606	35.44199	19.28053	.2955680

#1	-.000052	.0022737	.5227243	.0048310	.0006977	.0094202	.6904246
#2	-.000035	.0023592	.5545804	.0044097	.0010229	.0104139	.6925216
#3	.000011	.0023898	.5203186	.0039998	.0005029	.0070507	.6945177

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113966	.2687105	.0026537	-.000124	1.237126	-.002897	.2648099
Stddev	.0003057	.0045265	.0003412	.000413	.423541	.002292	.0004707
%RSD	2.682153	1.684527	12.85763	332.8265	34.23592	79.10490	.1777392

#1	.0111328	.2648997	.0028165	-.000425	.995671	-.001369	.2643012
#2	.0117316	.2737139	.0022616	-.000294	.989530	-.001790	.2652300
#3	.0113254	.2675179	.0028830	.000347	1.726176	-.005532	.2648984

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.608480	.1930410	.0029101	.0003628	.2515480	.0404926	-.002116
Stddev	.064718	.0030703	.0005940	.0000797	.0026550	.0004334	.000537
%RSD	4.023571	1.590491	20.41299	21.97433	1.055467	1.070385	25.37258

#1	1.545535	.1964158	.0033309	.0003572	.2501406	.0407590	-.002598
#2	1.674837	.1904131	.0031687	.0002861	.2546104	.0407264	-.002214
#3	1.605070	.1922941	.0022306	.0004452	.2498931	.0399925	-.001537

Sample Name: K4458-01 Acquired: 08/30/2019 13:27:43 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007849	-.006080	.0023870
Stddev	.0002780	.000488	.0000250
%RSD	35.42308	8.032815	1.047052

#1	.0005229	-.006643	.0023599
#2	.0007552	-.005775	.0023919
#3	.0010766	-.005821	.0024092

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1463.512	2135.411	30965.26	5087.519	2191.698
Stddev	5.672	6.003	124.45	11.388	6.219
%RSD	.3875359	.2811248	.4018979	.2238424	.2837396

#1	1460.768	2137.754	30851.09	5078.318	2198.797
#2	1470.034	2139.889	30946.77	5083.983	2187.216
#3	1459.735	2128.590	31097.92	5100.255	2189.080

Sample Name: K4483-01 Acquired: 08/30/2019 13:31:34 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0008433	.0014515	.0430414	.0001736	.0017229	.0705583	.0045862
Stddev	.0024869	.0013477	.0005615	.0011041	.0004025	.0130289	.0003045
%RSD	294.8889	92.85040	1.304645	635.9025	23.36398	18.46548	6.640066

#1	-.002017	.0024861	.0425040	.0009931	.0021877	.0850083	.0048286
#2	.002497	-.000073	.0429960	.0006097	.0014952	.0597068	.0042444
#3	.002049	.001941	.0436243	-.001082	.0014858	.0669598	.0046857

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000047	.0000947	.8893063	.0003935	-.000582	.0045085	.4459200
Stddev	.000041	.0000745	.0142857	.0003009	.000181	.0005433	.0112197
%RSD	87.87827	78.60244	1.606383	76.46149	31.17582	12.05089	2.516084

#1	-.000094	.0001802	.8959315	.0007128	-.000592	.0040045	.4330242
#2	-.000017	.0000437	.8990765	.0001152	-.000758	.0050840	.4534433
#3	-.000030	.0000604	.8729109	.0003525	-.000395	.0044368	.4512925

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040693	.3808322	-.000129	.0001189	.7313418	-.003071	.0723699
Stddev	.0000311	.0122118	.000257	.0002161	.0846174	.001672	.0002490
%RSD	.7631744	3.206613	198.9253	181.7995	11.57015	54.45301	.3440368

#1	.0040706	.3909868	-.000384	.0002428	.7244016	-.001189	.0721674
#2	.0040376	.3842279	-.000135	-.000131	.6504083	-.004385	.0722944
#3	.0040996	.3672819	.000131	.000245	.8192156	-.003638	.0726479

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.288696	.0181021	.0063448	.0001096	.0849611	18.08974	-.001312
Stddev	.019046	.0018930	.0003372	.0002185	.0049778	.08190	.000572
%RSD	6.597350	10.45730	5.315218	199.3445	5.858962	.4527311	43.60894

#1	-.299113	.0202744	.0061596	.0003470	.0824242	18.00721	-.000731
#2	-.300261	.0168059	.0067341	-.000083	.0817628	18.17099	-.001330
#3	-.266713	.0172260	.0061408	.000065	.0906963	18.09100	-.001875

Sample Name: K4483-01 Acquired: 08/30/2019 13:31:34 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007443	-.007095	.0020699
Stddev	.0008103	.000560	.0000632
%RSD	108.8570	7.889971	3.054034

#1	-.000068	-.007141	.0021410
#2	.001552	-.006513	.0020487
#3	.000749	-.007630	.0020201

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1456.651	2128.543	30947.65	5056.344	2185.795
Stddev	3.127	1.540	88.85	19.797	3.742
%RSD	.2146760	.0723662	.2871110	.3915266	.1712187

#1	1453.053	2126.880	30876.42	5066.242	2189.163
#2	1458.716	2129.921	30919.32	5033.550	2186.455
#3	1458.183	2128.828	31047.21	5069.240	2181.766

Sample Name: K4577-01 Acquired: 08/30/2019 13:35:25 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0110552	.0024515	.0181135	-.000539	.0022351	1.319801	.0404615
Stddev	.0027192	.0019963	.0010406	.000831	.0007564	.020179	.0006684
%RSD	24.59636	81.43081	5.744990	154.0836	33.84242	1.528955	1.652046

#1	.0121089	.0033680	.0173439	-.000200	.0026817	1.297427	.0407573
#2	.0130899	.0038249	.0192975	-.001485	.0026618	1.325352	.0396962
#3	.0079669	.0001615	.0176991	.000068	.0013617	1.336623	.0409311

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001401	-.000051	38.29484	.0059074	-.000324	.0099930	4.308767
Stddev	.0000867	.000012	.34973	.0001493	.000113	.0015652	.034266
%RSD	61.86792	23.03621	.9132663	2.527357	34.94799	15.66305	.7952727

#1	.0001663	-.000062	37.89161	.0057584	-.000450	.0088398	4.269247
#2	.0002107	-.000039	38.51568	.0060570	-.000291	.0093644	4.326846
#3	.0000434	-.000051	38.47723	.0059069	-.000231	.0117748	4.330208

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0588953	12.49070	.0028976	.0000037	15.57737	.0023959	.1258342
Stddev	.0009158	.12724	.0004925	.0002509	.15534	.0028194	.0007872
%RSD	1.555020	1.018696	16.99719	6844.201	.9972247	117.6799	.6255816

#1	.0578835	12.34830	.0025770	-.000218	15.52710	-.000854	.1264058
#2	.0591351	12.53055	.0034647	-.000046	15.75162	.003857	.1261604
#3	.0596674	12.59325	.0026512	.000276	15.45339	.004185	.1249363

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.855184	.3714347	.0597809	.0038909	19.99779	8.810581	-.005462
Stddev	.034565	.0019486	.0011139	.0002372	.06474	.012099	.000908
%RSD	.5903261	.5246196	1.863295	6.096302	.3237360	.1373276	16.62869

#1	5.815288	.3693846	.0588964	.0037413	19.92355	8.821681	-.006221
#2	5.876110	.3732628	.0610319	.0041644	20.02729	8.812380	-.004455
#3	5.874154	.3716568	.0594145	.0037670	20.04252	8.797683	-.005709

Sample Name: K4577-01 Acquired: 08/30/2019 13:35:25 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0371463	-.004344	.3738107
Stddev	.0003922	.001139	.0008307
%RSD	1.055871	26.22286	.2222308

#1	.0374375	-.004889	.3735751
#2	.0373011	-.005109	.3731232
#3	.0367003	-.003035	.3747338

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1462.203	2141.990	31229.94	5131.506	2231.050
Stddev	2.814	2.736	71.67	7.848	3.170
%RSD	.1924816	.1277152	.2294769	.1529362	.1421028

#1	1463.478	2143.244	31204.15	5131.706	2227.829
#2	1458.977	2143.874	31310.93	5123.561	2231.154
#3	1464.154	2138.852	31174.74	5139.253	2234.167

Sample Name: K4577-01DUP Acquired: 08/30/2019 13:39:13 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0137176	.0006673	.0193125	.0001174	-.000000	1.364415	.0402702
Stddev	.0006524	.0007465	.0010362	.0009432	.000280	.008237	.0008026
%RSD	4.756002	111.8582	5.365331	803.5146	59697.88	.6037142	1.993138

#1	.0143875	-.000065	.0182152	-.000950	.000232	1.355054	.0393438
#2	.0130842	.000639	.0194481	.000838	.000078	1.367640	.0407574
#3	.0136811	.001427	.0202742	.000465	-.000311	1.370552	.0407094

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000908	.0000025	37.99310	.0060063	-.000364	.0084250	4.321443
Stddev	.0000309	.0001174	.24337	.0002885	.000359	.0012121	.038456
%RSD	34.03233	4663.286	.6405584	4.803706	98.72604	14.38705	.8898765

#1	.0000556	.0001374	37.74882	.0058651	.000013	.0092109	4.279471
#2	.0001132	-.000076	37.99494	.0058155	-.000402	.0070290	4.329875
#3	.0001036	-.000053	38.23555	.0063382	-.000703	.0090349	4.354983

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0586009	12.42714	.0032413	-.000126	15.04283	.0027157	.0908526
Stddev	.0004815	.07096	.0004607	.000299	.25125	.0014135	.0027828
%RSD	.8216579	.5709808	14.21280	237.1900	1.670254	52.04855	3.063018

#1	.0580644	12.35245	.0031496	.000136	15.15741	.0011130	.0876505
#2	.0589954	12.43532	.0037409	-.000062	15.21638	.0032499	.0926858
#3	.0587430	12.49366	.0028333	-.000452	14.75472	.0037842	.0922216

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.714167	.3706714	.0592280	.0039796	19.81206	8.818423	-.004110
Stddev	.019474	.0023698	.0009740	.0001267	.04711	.031418	.001356
%RSD	.3408015	.6393172	1.644444	3.184956	.2377616	.3562793	33.00112

#1	5.725331	.3696476	.0587235	.0041229	19.81045	8.788021	-.003913
#2	5.725490	.3733810	.0586099	.0039340	19.76577	8.816481	-.005555
#3	5.691681	.3689857	.0603508	.0038820	19.85995	8.850767	-.002863

Sample Name: K4577-01DUP Acquired: 08/30/2019 13:39:13 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0386807	-.003916	.3691614
Stddev	.0007630	.000674	.0014437
%RSD	1.972505	17.21138	.3910683

#1	.0381009	-.004302	.3675236
#2	.0383961	-.003138	.3697110
#3	.0395450	-.004309	.3702495

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1471.854	2141.572	31465.20	5118.248	2229.888
Stddev	35.658	5.628	677.29	10.352	2.367
%RSD	2.422685	.2627998	2.152512	.2022660	.1061284

#1	1509.222	2145.438	32182.69	5115.871	2232.272
#2	1438.195	2144.163	30836.95	5109.291	2227.539
#3	1468.145	2135.115	31375.95	5129.582	2229.853

Sample Name: K4577-01LX5 Acquired: 08/30/2019 13:43:01 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0033923	-.000139	.0033097	.0004526	.0012280	.2717078	.0089654
Stddev	.0024530	.002388	.0013138	.0005463	.0017328	.0029633	.0003293
%RSD	72.30963	1714.185	39.69478	120.7021	141.1097	1.090620	3.673008

#1	.0033397	-.000124	.0047969	.0005421	.0000282	.2696879	.0093438
#2	.0009660	-.002535	.0028257	.0009486	.0032146	.2703258	.0087439
#3	.0058711	.002241	.0023067	-.000133	.0004412	.2751096	.0088086

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000039	-.000052	7.796614	.0012218	-.000380	.0061106	.8918433
Stddev	.000039	.000046	.052103	.0003207	.000337	.0003613	.0023861
%RSD	98.12796	88.72902	.6682721	26.24999	88.74809	5.912378	.2675426

#1	-.000007	-.000090	7.753248	.0009674	-.000769	.0059440	.8917073
#2	-.000028	-.000000	7.782181	.0011159	-.000198	.0058627	.8942945
#3	-.000082	-.000066	7.854411	.0015821	-.000173	.0065252	.8895282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119214	2.521403	.0004720	-.000339	3.550842	-.003881	.0219908
Stddev	.0004150	.019397	.0004957	.000226	.148796	.000820	.0004533
%RSD	3.481133	.7693102	105.0166	66.68406	4.190432	21.13318	2.061543

#1	.0123933	2.520129	.0010218	-.000078	3.489321	-.004663	.0217671
#2	.0116133	2.502673	.0000595	-.000465	3.442673	-.003952	.0225125
#3	.0117575	2.541405	.0003347	-.000474	3.720532	-.003027	.0216927

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.224783	.0809897	.0099019	.0010595	4.100082	1.797939	-.002901
Stddev	.084560	.0016189	.0001326	.0004087	.004876	.010191	.001994
%RSD	6.904072	1.998901	1.339244	38.57754	.1189148	.5668086	68.74559

#1	1.164943	.0795011	.0097526	.0015191	4.102115	1.803756	-.004488
#2	1.321522	.0807549	.0100060	.0009223	4.103612	1.786172	-.003551
#3	1.187884	.0827132	.0099472	.0007370	4.094519	1.803889	-.000663

Sample Name: K4577-01LX5 Acquired: 08/30/2019 13:43:01 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0083989	-.003644	.0770647
Stddev	.0006337	.000430	.0004025
%RSD	7.544516	11.78924	.5223130

#1	.0088813	-.003343	.0766164
#2	.0076813	-.004136	.0771827
#3	.0086343	-.003452	.0773950

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1381.068	2040.329	29564.82	4935.929	2126.928
Stddev	3.371	5.983	52.90	38.496	1.416
%RSD	.2441012	.2932288	.1789216	.7799162	.0665930

#1	1377.857	2035.515	29624.23	4891.898	2128.325
#2	1384.580	2047.027	29522.82	4963.226	2126.966
#3	1380.768	2038.444	29547.42	4952.663	2125.493

Sample Name: K4577-01MS Acquired: 08/30/2019 13:46:49 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.7839032	1.850683	.9737238	1.981328	.7185267	3.853347	.2393919
Stddev	.0009195	.007311	.0042759	.009604	.0006308	.021841	.0017425
%RSD	.1173019	.3950447	.4391320	.4847170	.0877859	.5668184	.7278821

#1	.7848722	1.843803	.9696457	1.976157	.7179445	3.828393	.2383166
#2	.7830427	1.858359	.9781734	1.992409	.7191968	3.868990	.2384567
#3	.7837947	1.849886	.9733524	1.975418	.7184388	3.862657	.2414023

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1996004	.1883881	37.01850	.3759294	.1936398	.2961527	7.631693
Stddev	.0027197	.0004136	.25626	.0002887	.0006160	.0034870	.049280
%RSD	1.362597	.2195588	.6922467	.0767913	.3180993	1.177442	.6457313

#1	.2017393	.1879755	37.04733	.3757038	.1936439	.2937098	7.606290
#2	.1965395	.1888028	36.74904	.3762548	.1930218	.3001461	7.600297
#3	.2005225	.1883859	37.25912	.3758297	.1942537	.2946023	7.688492

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2583553	13.87581	.4898308	.0695793	17.46198	.3003963	.2869801
Stddev	.0013892	.05620	.0003990	.0007212	.57652	.0016629	.0009234
%RSD	.5376888	.4050330	.0814523	1.036495	3.301584	.5535546	.3217661

#1	.2570671	13.87289	.4893931	.0687861	18.12765	.3022973	.2875877
#2	.2581718	13.82113	.4901741	.0697564	17.12276	.2996793	.2859175
#3	.2598272	13.93342	.4899252	.0701955	17.13553	.2992122	.2874350

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.14594	6.530744	.3309172	.3556808	18.68658	10.27878	.6008198
Stddev	.08055	.022932	.0028153	.0004379	.07019	.13036	.0029331
%RSD	.5318345	.3511435	.8507674	.1231280	.3756377	1.268272	.4881743

#1	15.07398	6.506228	.3318273	.3558722	18.60612	10.39049	.5982188
#2	15.23296	6.534334	.3277593	.3559904	18.73528	10.13555	.6002416
#3	15.13087	6.551669	.3331648	.3551797	18.71834	10.31032	.6039988

Sample Name: K4577-01MS Acquired: 08/30/2019 13:46:49 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2278694	.1020754	.5486674
Stddev	.0023645	.0014814	.0017720
%RSD	1.037672	1.451315	.3229718

#1	.2253568	.1024138	.5466920
#2	.2282004	.1004540	.5491929
#3	.2300510	.1033583	.5501172

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1448.648	2140.909	31224.14	5089.884	2246.044
Stddev	5.177	4.954	102.30	59.902	3.583
%RSD	.3573389	.2313918	.3276249	1.176881	.1595097

#1	1446.278	2145.587	31339.42	5051.073	2249.716
#2	1454.585	2135.719	31188.80	5158.873	2242.558
#3	1445.081	2141.421	31144.20	5059.707	2245.859

Sample Name: K4577-01MSD Acquired: 08/30/2019 13:50:27 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.7815544	1.841129	.9658432	1.966423	.7153704	3.857813	.2379748
Stddev	.0026698	.001874	.0059747	.005226	.0014759	.020492	.0019176
%RSD	.3416042	.1017958	.6186031	.2657377	.2063188	.5311776	.8057836

#1	.7784932	1.840877	.9683601	1.961079	.7137090	3.834415	.2359914
#2	.7827696	1.839394	.9590218	1.971521	.7158722	3.872564	.2398190
#3	.7834005	1.843117	.9701477	1.966670	.7165301	3.866461	.2381140

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1999162	.1873800	36.77576	.3768114	.1923355	.2926291	7.628619
Stddev	.0013883	.0007569	.37086	.0013953	.0008238	.0047342	.064427
%RSD	.6944442	.4039164	1.008431	.3702904	.4283113	1.617802	.8445463

#1	.1983631	.1882197	36.46720	.3766023	.1932853	.2891086	7.582362
#2	.2003488	.1867504	37.18719	.3755325	.1918152	.2907677	7.702206
#3	.2010367	.1871699	36.67289	.3782995	.1919060	.2980111	7.601289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2567378	13.75154	.4885501	.0699173	17.14733	.3011686	.3129017
Stddev	.0025106	.10655	.0012364	.0010935	.28399	.0028473	.0013418
%RSD	.9778830	.7748320	.2530726	1.563975	1.656190	.9454000	.4288171

#1	.2551171	13.68046	.4896117	.0709438	16.81946	.3024025	.3125834
#2	.2596297	13.87405	.4871926	.0700407	17.30620	.3031908	.3117477
#3	.2554666	13.70011	.4888460	.0687673	17.31633	.2979126	.3143740

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.06559	6.486126	.3331876	.3541697	18.54359	10.35964	.5974556
Stddev	.07087	.011522	.0011804	.0008719	.02512	.05505	.0024540
%RSD	.4704163	.1776387	.3542681	.2461896	.1354679	.5313932	.4107448

#1	15.14665	6.480674	.3320581	.3533788	18.53268	10.29922	.5965383
#2	15.03480	6.478342	.3344130	.3540255	18.52578	10.37275	.5955924
#3	15.01533	6.499362	.3330916	.3551047	18.57233	10.40696	.6002361

Sample Name: K4577-01MSD Acquired: 08/30/2019 13:50:27 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2276012	.1011029	.5468054
Stddev	.0021763	.0011507	.0017679
%RSD	.9561897	1.138122	.3233211

#1	.2250909	.0999298	.5447973
#2	.2289569	.1022297	.5474910
#3	.2287557	.1011493	.5481278

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1456.997	2132.626	31091.48	5056.333	2235.632
Stddev	3.673	1.837	201.17	30.258	4.684
%RSD	.2521150	.0861199	.6470121	.5984101	.2095122

#1	1460.506	2133.118	30939.31	5086.761	2230.226
#2	1453.179	2130.593	31015.58	5026.249	2238.488
#3	1457.307	2134.166	31319.56	5055.991	2238.182

Sample Name: CCV03 Acquired: 08/30/2019 13:54:04 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	5.156076	5.029548	5.038240	5.120576	5.132688	10.19027	10.56086
Stddev	.011208	.017392	.007503	.006731	.012749	.01253	.03938
%RSD	.2173833	.3457890	.1489123	.1314448	.2483940	.1229944	.3729146

#1	5.143162	5.012333	5.033761	5.115617	5.119469	10.20471	10.58469
#2	5.163276	5.029199	5.046901	5.117873	5.133686	10.18215	10.58249
#3	5.161789	5.047111	5.034057	5.128238	5.144909	10.18396	10.51540

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2563737	2.473001	26.21342	.9907291	2.525157	1.270972	5.183886
Stddev	.0018002	.001858	.11968	.0027552	.004522	.004691	.012764
%RSD	.7021639	.0751189	.4565427	.2781029	.1790785	.3691000	.2462274

#1	.2575625	2.473727	26.22612	.9926670	2.521812	1.268378	5.169195
#2	.2572560	2.474386	26.32624	.9919452	2.530302	1.276387	5.190215
#3	.2543026	2.470890	26.08790	.9875750	2.523358	1.268151	5.192250

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.607952	25.72896	2.526429	1.280332	26.89143	2.582259	2.584340
Stddev	.011553	.05421	.003299	.003793	.09794	.004036	.007996
%RSD	.4429881	.2106880	.1305967	.2962896	.3642195	.1563010	.3093892

#1	2.604656	25.66639	2.523141	1.279786	26.78128	2.585948	2.585679
#2	2.620795	25.75893	2.529739	1.284368	26.92430	2.582881	2.591582
#3	2.598405	25.76157	2.526408	1.276841	26.96872	2.577948	2.575760

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.71007	5.214574	5.060452	5.085319	5.091379	5.018082	5.066155
Stddev	.03141	.018233	.035508	.013031	.008242	.031168	.008939
%RSD	.1221663	.3496485	.7016760	.2562459	.1618839	.6211069	.1764507

#1	25.67445	5.195600	5.078740	5.070301	5.092189	5.028156	5.059657
#2	25.73378	5.216163	5.083088	5.092019	5.082761	5.042967	5.062457
#3	25.72198	5.231961	5.019528	5.093637	5.099186	4.983123	5.076349

Sample Name: CCV03 Acquired: 08/30/2019 13:54:04 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.097939	5.295500	5.075550
Stddev	.004750	.046356	.121294
%RSD	.0931711	.8753788	2.389776

#1	5.103399	5.298633	5.192970
#2	5.094761	5.340210	5.082958
#3	5.095656	5.247658	4.950721

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1319.842	1978.486	28779.68	4762.137	2125.919
Stddev	6.427	3.380	154.28	42.017	3.055
%RSD	.4869544	.1708283	.5360749	.8823141	.1436823

#1	1313.078	1981.057	28649.55	4726.761	2124.080
#2	1320.579	1974.658	28739.37	4751.071	2124.233
#3	1325.868	1979.744	28950.11	4808.580	2129.445

Sample Name: CCB03 Acquired: 08/30/2019 13:57:42 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0015836	.0001209	.0008748	.0000024	.0022048	-.007813	.0017782
Stddev	.0006730	.0004104	.0012497	.0008866	.0014238	.001922	.0003558
%RSD	42.49777	339.5650	142.8540	37504.23	64.57838	24.59727	20.00909

#1	.0016283	-.000286	.0010947	-.000411	.0005639	-.009977	.0016722
#2	.0008893	.000535	-.000470	.001020	.0031142	-.006306	.0014874
#3	.0022330	.000113	.002000	-.000602	.0029362	-.007155	.0021749

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000050	-.000044	-.015994	.0004052	.0001578	.0037540	-.005267
Stddev	.000113	.000027	.010114	.0003213	.0003099	.0013672	.007607
%RSD	226.6172	60.58792	63.23813	79.30406	196.3775	36.41927	144.4389

#1	-.000179	-.000021	-.025766	.0007738	.0002155	.0052533	-.013618
#2	.000006	-.000073	-.016646	.0001841	.0004348	.0034325	-.003448
#3	.000024	-.000038	-.005569	.0002577	-.000177	.0025763	.001266

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000174	.0178491	-.000392	.0001652	.5633249	-.002238	-.000192
Stddev	.000710	.0283262	.000346	.0003557	.0508267	.003213	.000228
%RSD	409.4320	158.6978	88.17754	215.3584	9.022618	143.5526	118.3988

#1	-.000966	.0112643	-.000744	.0001996	.5048761	-.002887	.000071
#2	.000040	.0488878	-.000382	.0005023	.5879508	.001250	-.000328
#3	.000406	-.006605	-.000052	-.000207	.5971479	-.005077	-.000320

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3272104	.0001374	.0073916	.0006149	-.005594	.0061683	.0026461
Stddev	.0305633	.0030589	.0012558	.0004370	.000521	.0002649	.0013351
%RSD	9.340552	2226.788	16.98944	71.07127	9.319672	4.294954	50.45582

#1	.2926423	-.002623	.0085110	.0007900	-.006144	.0063787	.0014920
#2	.3383387	.003426	.0076300	.0009372	-.005532	.0058708	.0041083
#3	.3506504	-.000392	.0060336	.0001175	-.005107	.0062555	.0023380

Sample Name: CCB03 Acquired: 08/30/2019 13:57:42 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009092	.0022212	.0002400
Stddev	.0009455	.0005611	.0000797
%RSD	103.9854	25.26247	33.21894

#1	-.000078	.0028599	.0003256
#2	.001807	.0019965	.0002265
#3	.000999	.0018073	.0001679

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1393.114	2007.994	29754.09	4808.871	2078.643
Stddev	40.512	.848	1066.37	13.361	3.394
%RSD	2.908037	.0422546	3.583940	.2778444	.1632892

#1	1439.821	2008.183	30937.01	4812.498	2078.256
#2	1372.009	2007.067	29458.69	4794.071	2082.214
#3	1367.511	2008.732	28866.55	4820.044	2075.459

Sample Name: K4577-01A Acquired: 08/30/2019 14:01:35 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.7890222	1.849814	.9691009	1.971516	.7206485	3.794491	.2389997
Stddev	.0022015	.000772	.0042708	.011598	.0025535	.022192	.0031773
%RSD	.2790103	.0417562	.4406956	.5882753	.3543292	.5848453	1.329405

#1	.7871632	1.850133	.9730170	1.958875	.7180444	3.777006	.2376005
#2	.7884503	1.850377	.9697386	1.981666	.7231481	3.787011	.2367620
#3	.7914532	1.848934	.9645471	1.974007	.7207529	3.819456	.2426364

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2006713	.1880561	36.83586	.3747692	.1926371	.2934761	7.575514
Stddev	.0015336	.0005078	.49419	.0009617	.0003525	.0043256	.060776
%RSD	.7642334	.2700144	1.341607	.2565995	.1829960	1.473917	.8022638

#1	.2002598	.1874705	36.60381	.3738642	.1922781	.2889288	7.538246
#2	.1993854	.1883241	36.50039	.3757790	.1926506	.2975392	7.542651
#3	.2023687	.1883738	37.40337	.3746645	.1929827	.2939602	7.645646

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2589192	13.78606	.4893710	.0703336	17.12179	.2993832	.2709485
Stddev	.0032635	.15048	.0012916	.0006266	.44889	.0021830	.0016852
%RSD	1.260414	1.091504	.2639296	.8909226	2.621761	.7291620	.6219488

#1	.2569827	13.85011	.4878927	.0710389	16.88902	.2988775	.2722798
#2	.2570880	13.61416	.4902812	.0701207	16.83709	.2974975	.2690538
#3	.2626871	13.89392	.4899390	.0698412	17.63926	.3017747	.2715118

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.04885	6.522511	.3371953	.3555003	18.63336	10.32560	.6015023
Stddev	.00937	.022409	.0018473	.0008804	.07070	.06454	.0027313
%RSD	.0622914	.3435607	.5478437	.2476457	.3794445	.6250362	.4540809

#1	15.03813	6.498044	.3361997	.3544909	18.55172	10.27424	.6045030
#2	15.05555	6.527451	.3360592	.3559002	18.67419	10.30450	.5991613
#3	15.05286	6.542037	.3393268	.3561098	18.67417	10.39804	.6008424

Sample Name: K4577-01A Acquired: 08/30/2019 14:01:35 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2261050	.0996433	.5434496
Stddev	.0020071	.0023984	.0030253
%RSD	.8876750	2.407005	.5566834

#1	.2241192	.0990888	.5400054
#2	.2281327	.0975706	.5446663
#3	.2260630	.1022704	.5456771

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1462.849	2143.865	31364.93	5070.017	2249.634
Stddev	13.143	7.857	41.46	45.917	7.912
%RSD	.8984622	.3664796	.1321873	.9056669	.3517223

#1	1457.745	2152.885	31334.93	5083.699	2257.809
#2	1477.778	2140.196	31347.63	5107.538	2249.082
#3	1453.023	2138.514	31412.24	5018.813	2242.012

Sample Name: PB122637BL Acquired: 08/30/2019 14:05:14 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0007269	.0017508	-.001380	-.001130	.0015141	.0053878	.0014166
Stddev	.0030738	.0006956	.000508	.000455	.0010376	.0087308	.0001287
%RSD	422.8713	39.73023	36.83700	40.31415	68.53205	162.0480	9.087041

#1	-.002777	.0011640	-.001697	-.001461	.0022874	.0079197	.0012692
#2	.002967	.0025191	-.001649	-.001318	.0019200	-.004329	.0015071
#3	.001991	.0015692	-.000794	-.000610	.0003349	.012573	.0014735

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000087	.0000009	-.007023	-.000051	.0000654	.0051012	.0016713
Stddev	.0000615	.0000713	.008650	.000586	.0002112	.0014370	.0052441
%RSD	709.6628	8114.109	123.1641	1137.995	322.9365	28.16887	313.7719

#1	.0000659	.0000408	.002950	.000170	.0002013	.0054345	-.004382
#2	-.000056	-.000081	-.012481	.000391	.0001729	.0063422	.004571
#3	.000017	.000043	-.011538	-.000715	-.000178	.0035269	.004825

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000160	-.007686	-.000090	.0001334	.3233529	-.001927	-.000252
Stddev	.000198	.032136	.000505	.0001406	.0401479	.002362	.000154
%RSD	124.1535	418.1179	563.5680	105.3434	12.41611	122.6051	61.04942

#1	-.000244	-.024765	.000150	.0002952	.3685744	-.002543	-.000078
#2	-.000302	.029383	-.000669	.0000641	.2919040	.000683	-.000370
#3	.000067	-.027676	.000251	.0000410	.3095804	-.003920	-.000307

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2684160	.0024706	.0006743	-.000212	-.001973	.0042388	-.001076
Stddev	.0781981	.0010711	.0007005	.000567	.001379	.0005018	.000616
%RSD	29.13320	43.35392	103.8804	267.1121	69.88197	11.83889	57.24032

#1	.2234623	.0033206	-.000135	.000382	-.000435	.0043527	-.000437
#2	.2230745	.0012675	.001077	-.000749	-.003097	.0046739	-.001125
#3	.3587111	.0028238	.001080	-.000270	-.002386	.0036898	-.001666

Sample Name: PB122637BL Acquired: 08/30/2019 14:05:14 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007018	-.000229	.0000064
Stddev	.0006767	.001391	.0000516
%RSD	96.43029	607.4387	810.0845

#1	.0014410	.001164	.0000613
#2	.0005517	-.000234	-.000041
#3	.0001127	-.001618	-.000001

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1352.370	1999.280	29004.19	4787.835	2070.497
Stddev	4.536	2.117	124.00	45.253	4.897
%RSD	.3353927	.1058830	.4275389	.9451706	.2365231

#1	1353.627	2000.865	28869.48	4736.732	2070.713
#2	1347.338	1996.876	29029.50	4803.944	2065.495
#3	1356.144	2000.100	29113.59	4822.830	2075.282

Sample Name: PB122689BL Acquired: 08/30/2019 14:09:06 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0010438	.0007050	-.001427	.0004004	.0024477	-.005984	.0005481
Stddev	.0027306	.0010195	.000513	.0006187	.0012265	.006594	.0000930
%RSD	261.6139	144.6052	35.95103	154.5259	50.10732	110.1874	16.96253

#1	.0004027	-.000244	-.001422	.0006457	.0010927	-.009122	.0004433
#2	-.001309	.001783	-.001942	.0008588	.0034820	-.010423	.0006206
#3	.004038	.000576	-.000916	-.000303	.0027685	.001593	.0005803

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000011	.0000142	-.015817	-.000346	-.000195	.0022760	-.005211
Stddev	.000023	.0001477	.005679	.000288	.000212	.0015288	.004289
%RSD	208.3871	1040.912	35.90522	83.09506	108.9057	67.17176	82.29990

#1	-.000038	.0001127	-.021838	-.000016	-.000070	.0006126	-.010149
#2	.000003	-.000156	-.015057	-.000539	-.000074	.0025958	-.002417
#3	.000001	.000085	-.010557	-.000484	-.000439	.0036197	-.003067

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000373	.0337892	-.000043	-.000037	.5015027	-.002708	-.000398
Stddev	.000121	.0219324	.000176	.000230	.2800373	.000765	.000360
%RSD	32.52740	64.90961	409.7146	624.1870	55.83964	28.23556	90.64245

#1	-.000237	.0351399	-.000245	-.000239	.3961502	-.003590	-.000011
#2	-.000414	.0112126	.000033	-.000086	.2894216	-.002236	-.000458
#3	-.000470	.0550150	.000082	.000214	.8189365	-.002298	-.000724

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2818090	.0021500	-.001845	.0002469	-.004105	.0008873	-.002343
Stddev	.0917764	.0014890	.000843	.0002541	.003125	.0006664	.001963
%RSD	32.56690	69.25795	45.70315	102.9192	76.11068	75.09437	83.77304

#1	.1774946	.0017047	-.002298	.0000793	-.007685	.0001619	-.000257
#2	.3501465	.0038108	-.000872	.0005392	-.001921	.0014721	-.004153
#3	.3177857	.0009344	-.002365	.0001221	-.002711	.0010280	-.002620

Sample Name: PB122689BL Acquired: 08/30/2019 14:09:06 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005720	-.000856	-.000029
Stddev	.0003673	.000834	.000109
%RSD	64.21479	97.38828	370.5663

#1	.0009357	-.000647	-.000127
#2	.0002012	-.000147	-.000050
#3	.0005792	-.001774	.000088

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1360.559	2009.848	29121.07	4847.258	2076.633
Stddev	4.113	6.425	201.99	34.585	4.091
%RSD	.3022894	.3197003	.6936163	.7135063	.1970245

#1	1356.824	2011.074	28963.38	4884.262	2080.640
#2	1359.886	2002.898	29051.09	4815.748	2072.462
#3	1364.966	2015.573	29348.74	4841.764	2076.798

Sample Name: PB122689BS Acquired: 08/30/2019 14:12:59 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.8043996	1.951464	1.006043	1.972679	.8064827	2.058524
Stddev	.0027101	.001337	.001634	.002012	.0024292	.017670
%RSD	.3369120	.0685117	.1624372	.1020120	.3012105	.8583656

#1	.8012777	1.951023	1.007882	1.974998	.8053269	2.038226
#2	.8057741	1.952966	1.004758	1.971387	.8092740	2.066878
#3	.8061472	1.950403	1.005490	1.971653	.8048472	2.070467

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2155166	.2040342	.2003150	.9860775	.3939395	.2041289
Stddev	.0018044	.0019614	.0002023	.0047506	.0010692	.0002429
%RSD	.8372441	.9612978	.1009943	.4817709	.2714061	.1189905

#1	.2145094	.2059978	.2001075	.9914855	.3931119	.2039203
#2	.2144405	.2020751	.2003259	.9825774	.3951467	.2040707
#3	.2175997	.2040298	.2005116	.9841697	.3935600	.2043956

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3141971	3.261894	.2125183	2.038133	.5131832	.0728514
Stddev	.0027918	.048097	.0028193	.036734	.0005114	.0002712
%RSD	.8885490	1.474502	1.326628	1.802354	.0996594	.3722841

#1	.3111583	3.225024	.2112888	1.997548	.5136840	.0729866
#2	.3147845	3.244360	.2105225	2.069106	.5132039	.0730284
#3	.3166485	3.316298	.2157436	2.047745	.5126617	.0725391

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.284534	.3137564	.2077968	10.24297	F 6.412225	.2916035
Stddev	.201443	.0066456	.0007544	.04796	.010860	.0028687
%RSD	6.133078	2.118068	.3630521	.4682440	.1693601	.9837566

#1	3.081877	.3184378	.2069485	10.22823	6.411323	.2947833
#2	3.484741	.3061500	.2083925	10.29657	6.423507	.2892098
#3	3.286983	.3166812	.2080494	10.20410	6.401844	.2908175

Sample Name: PB122689BS Acquired: 08/30/2019 14:12:59 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.3917539	F -.009698	.9444204	.6993233	.1975445	F .1084696
Stddev	.0019609	.002895	.0061812	.0009111	.0007826	.0013172
%RSD	.5005555	29.85186	.6544962	.1302864	.3961582	1.214352

#1	.3896875	-.008479	.9513557	.6990404	.1983070	.1099715
#2	.3919854	-.013003	.9394922	.6985873	.1967433	.1079271
#3	.3935889	-.007612	.9424133	.7003424	.1975831	.1075103

Elem	Sr4077
Units	ppm
Avg	.2085577
Stddev	.0010372
%RSD	.4973040

#1	.2073619
#2	.2090985
#3	.2092128

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1345.374	1975.511	29001.61	4737.229	2087.298
Stddev	5.728	1.684	187.02	54.666	2.702
%RSD	.4257862	.0852555	.6448748	1.153973	.1294413

#1	1338.765	1977.382	28909.73	4674.878	2084.753
#2	1348.445	1974.115	28878.29	4776.927	2087.007
#3	1348.913	1975.035	29216.80	4759.883	2090.133

Sample Name: PB122695BL Acquired: 08/30/2019 14:16:40 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0007464	.0004835	-.001460	-.001024	.0012417	-.006703	.0011599
Stddev	.0008981	.0025133	.000367	.000921	.0010561	.006374	.0004694
%RSD	120.3167	519.8601	25.12467	89.93630	85.04819	95.09857	40.46589

#1	-.000215	.0032823	-.001750	-.002026	.0002892	.000144	.0006310
#2	.001563	-.001581	-.001047	-.000216	.0023774	-.012465	.0013222
#3	.000891	-.000251	-.001583	-.000829	.0010586	-.007787	.0015267

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	.0000236	-.002288	-.000102	.0000485	.0025543	.0048039
Stddev	.000041	.0000979	.012687	.000278	.0002318	.0006373	.0110893
%RSD	459.2737	414.8235	554.3767	273.7258	477.6018	24.95034	230.8377

#1	.000020	.0000624	-.004484	-.000388	-.000219	.0031479	.0058934
#2	-.000056	-.000088	.011353	.000168	.000192	.0026340	-.006790
#3	.000009	.000096	-.013734	-.000085	.000172	.0018808	.015308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000424	-.016042	-.000754	-.000516	.6552852	-.002201	-.000349
Stddev	.000211	.009811	.000316	.000228	.0549106	.001493	.000116
%RSD	49.65752	61.15428	41.95942	44.15942	8.379658	67.83092	33.34826

#1	-.000292	-.024043	-.000586	-.000381	.7140036	-.002747	-.000457
#2	-.000313	-.005097	-.001119	-.000780	.6052066	-.003343	-.000363
#3	-.000667	-.018988	-.000557	-.000388	.6466453	-.000512	-.000226

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2896938	.0009432	-.002992	-.000111	-.005290	.0003392	-.003536
Stddev	.0395383	.0028678	.000581	.000640	.000432	.0012247	.001211
%RSD	13.64832	304.0399	19.40753	574.8800	8.165572	361.0844	34.26549

#1	.3339544	.0032853	-.002328	-.000444	-.004806	.0017474	-.002335
#2	.2772603	-.002255	-.003246	.000626	-.005427	-.000477	-.004758
#3	.2578666	.001799	-.003403	-.000516	-.005636	-.000253	-.003514

Sample Name: PB122695BL Acquired: 08/30/2019 14:16:40 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003029	-.000590	.0000269
Stddev	.0016389	.000984	.0000818
%RSD	541.0052	166.8851	304.0743

#1	-.000458	-.001117	-.000057
#2	-.000817	.000546	.000107
#3	.002184	-.001199	.000031

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1357.347	2001.222	28943.66	4758.830	2075.003
Stddev	12.270	4.544	164.21	13.498	2.236
%RSD	.9039899	.2270796	.5673500	.2836467	.1077619

#1	1359.818	1996.609	29010.06	4743.244	2074.230
#2	1344.029	2005.694	28756.64	4766.502	2077.523
#3	1368.193	2001.363	29064.27	4766.743	2073.256

Sample Name: PB122695BS Acquired: 08/30/2019 14:20:31 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.8105912	1.934902	.9920861	2.038879	.8016368	2.032412
Stddev	.0030149	.004464	.0031565	.009034	.0032019	.029475
%RSD	.3719424	.2306891	.3181672	.4430813	.3994268	1.450265

#1	.8137439	1.936450	.9921627	2.030512	.7979806	1.998390
#2	.8102937	1.929870	.9888920	2.037666	.8029886	2.048599
#3	.8077361	1.938385	.9952036	2.048458	.8039411	2.050247

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2126326	.2066239	.1982990	.9618783	.3914846	.2017094
Stddev	.0018801	.0013155	.0005992	.0042435	.0011543	.0009150
%RSD	.8841838	.6366813	.3021574	.4411701	.2948587	.4536451

#1	.2105690	.2067522	.1977057	.9650815	.3927174	.2017808
#2	.2142482	.2078705	.1982875	.9570655	.3904294	.2007607
#3	.2130806	.2052489	.1989039	.9634879	.3913071	.2025867

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3081043	3.257860	.2110559	2.077974	.5080059	.0728912
Stddev	.0016447	.029938	.0022075	.031288	.0023467	.0005598
%RSD	.5338241	.9189414	1.045950	1.505674	.4619372	.7679679

#1	.3069771	3.223885	.2085099	2.081377	.5091603	.0735266
#2	.3099916	3.280375	.2122219	2.045124	.5053056	.0724706
#3	.3073442	3.269320	.2124360	2.107421	.5095517	.0726765

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.349836	.3149056	.2061632	10.20244	F 6.516333	.2929530
Stddev	.295143	.0043790	.0007250	.16379	.007240	.0010160
%RSD	8.810665	1.390572	.3516636	1.605391	.1111048	.3468072

#1	3.011785	.3098509	.2062691	10.04246	6.513818	.2937238
#2	3.556281	.3175478	.2053911	10.36979	6.510686	.2933336
#3	3.481442	.3173180	.2068294	10.19506	6.524495	.2918017

Sample Name: PB122695BS Acquired: 08/30/2019 14:20:31 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.3855875	F -.011814	.9539841	.6905470	.1956827	F .1075104
Stddev	.0018387	.003419	.0062779	.0017446	.0008269	.0005655
%RSD	.4768521	28.94384	.6580681	.2526385	.4225722	.5260421

#1	.3846446	-.015470	.9547567	.6885623	.1949348	.1068852
#2	.3844115	-.011278	.9598400	.6912403	.1965707	.1079863
#3	.3877063	-.008694	.9473557	.6918383	.1955425	.1076598

Elem	Sr4077
Units	ppm
Avg	.2054478
Stddev	.0012668
%RSD	.6165894

#1	.2040234
#2	.2064483
#3	.2058716

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1363.924	2019.469	29269.33	4777.533	2128.305
Stddev	3.410	3.396	36.38	42.251	5.448
%RSD	.2500324	.1681439	.1242862	.8843649	.2559929

#1	1363.920	2019.760	29249.01	4789.457	2126.116
#2	1367.336	2022.709	29247.65	4730.602	2134.507
#3	1360.515	2015.937	29311.33	4812.541	2124.291

Sample Name: PB122702BL Acquired: 08/30/2019 14:24:10 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0001326	.0005968	-.001337	.0012586	.0016223	-.006493	.0007409
Stddev	.0026226	.0019622	.001746	.0016048	.0021484	.009651	.0003077
%RSD	1977.682	328.7919	130.5795	127.5111	132.4326	148.6296	41.53857

#1	-.002881	.0013095	.000640	.0003470	.0036827	.004539	.0005135
#2	.001898	-.001622	-.001982	.0031115	-.000604	-.010646	.0010910
#3	.001381	.002103	-.002668	.0003171	.001789	-.013372	.0006180

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000375	.0000016	-.013250	.0000006	.0000926	.0025527	.0000166
Stddev	.0000562	.0000844	.009832	.0007270	.0003005	.0023645	.0029900
%RSD	149.8682	5158.221	74.20171	126583.7	324.4350	92.62887	18039.04

#1	-.000024	.0000003	-.008622	-.000075	-.000217	.0028378	-.002592
#2	.000086	.0000867	-.024542	.000762	.000112	.0000585	-.000638
#3	.000051	-.000082	-.006586	-.000686	.000383	.0047617	.003280

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000381	.0150861	-.000063	.0000229	.4427214	-.000883	-.000293
Stddev	.000400	.0285237	.000699	.0002375	.0903661	.003723	.000096
%RSD	104.9951	189.0731	1118.567	1038.871	20.41151	421.5399	32.77192

#1	-.000689	.0013533	.000567	-.000072	.3404448	.000244	-.000298
#2	-.000524	-.003974	.000061	-.000153	.4759527	.002146	-.000195
#3	.000071	.047878	-.000815	.000293	.5117667	-.005039	-.000387

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1915051	.0008077	-.002548	-.000329	-.007764	-.001240	-.002781
Stddev	.1090123	.0020580	.000305	.000015	.002347	.000416	.001019
%RSD	56.92396	254.7934	11.97012	4.473755	30.23492	33.53780	36.65323

#1	.2731953	.0003992	-.002437	-.000321	-.010254	-.001417	-.002526
#2	.2335980	-.001015	-.002313	-.000346	-.005592	-.000765	-.003904
#3	.0677220	.003039	-.002892	-.000321	-.007445	-.001538	-.001914

Sample Name: PB122702BL Acquired: 08/30/2019 14:24:10 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000202	-.002704	-.000039
Stddev	.000424	.000523	.000086
%RSD	210.3800	19.35179	219.0009

#1	.000179	-.003096	-.000126
#2	-.000659	-.002110	.000045
#3	-.000126	-.002905	-.000036

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1359.521	2012.056	29159.68	4844.546	2079.441
Stddev	6.183	2.288	197.78	19.060	2.231
%RSD	.4547566	.1137196	.6782507	.3934352	.1073092

#1	1363.117	2012.300	29209.18	4865.951	2079.194
#2	1352.382	2009.656	28941.86	4829.408	2081.786
#3	1363.064	2014.213	29328.01	4838.280	2077.344

Sample Name: PB122696BS Acquired: 08/30/2019 14:36:00 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.8160174	1.933785	.9874349	2.035413	.7992738	2.021665
Stddev	.0043873	.004265	.0016410	.005361	.0056663	.029706
%RSD	.5376490	.2205605	.1661861	.2633679	.7089288	1.469407

#1	.8111160	1.931354	.9863914	2.031929	.7951616	1.990265
#2	.8195775	1.938710	.9893264	2.041585	.7969226	2.049324
#3	.8173587	1.931291	.9865869	2.032723	.8057371	2.025407

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2119084	.2050808	.1986710	.9900731	.3900136	.2016599
Stddev	.0018965	.0010698	.0006962	.0117132	.0018399	.0007541
%RSD	.8949386	.5216441	.3504297	1.183068	.4717468	.3739246

#1	.2099976	.2044039	.1984964	.9821091	.3919584	.2010981
#2	.2119376	.2045244	.1994378	1.003523	.3897819	.2025169
#3	.2137901	.2063141	.1980786	.984588	.3883006	.2013646

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3032976	3.230703	.2095418	2.033460	.5087054	.0728164
Stddev	.0020358	.027414	.0015761	.012918	.0021802	.0005788
%RSD	.6712122	.8485390	.7521404	.6352515	.4285720	.7948578

#1	.3020024	3.199272	.2077219	2.022141	.5077783	.0724302
#2	.3056441	3.249674	.2104505	2.047532	.5111959	.0725370
#3	.3022464	3.243161	.2104529	2.030706	.5071420	.0734818

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.592304	.3141758	.2126426	10.15044	F 6.520417	.2916147
Stddev	.280793	.0060211	.0013613	.11345	.036208	.0017538
%RSD	7.816523	1.916470	.6401932	1.117660	.5553071	.6014278

#1	3.473756	.3076123	.2128427	10.02535	6.531838	.2904867
#2	3.912930	.3154718	.2111923	10.17931	6.549539	.2907222
#3	3.390227	.3194434	.2138927	10.24666	6.479876	.2936354

Sample Name: PB122696BS Acquired: 08/30/2019 14:36:00 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.3854749	F -.014278	.9411059	.6910275	.1944642	F .1089363
Stddev	.0009308	.000477	.0082471	.0026238	.0034427	.0020388
%RSD	.2414577	3.340298	.8763162	.3796981	1.770374	1.871570

#1	.3846322	-.014071	.9390534	.6899444	.1907501	.1071913
#2	.3864740	-.013940	.9340789	.6940195	.1950938	.1084402
#3	.3853186	-.014824	.9501854	.6891187	.1975486	.1111774

Elem	Sr4077
Units	ppm
Avg	.2058063
Stddev	.0016092
%RSD	.7819200

#1	.2039488
#2	.2066888
#3	.2067811

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1347.391	1996.714	29055.47	4765.147	2106.721
Stddev	3.916	2.815	35.62	16.997	8.087
%RSD	.2906495	.1409923	.1225989	.3566939	.3838879

#1	1344.264	1995.691	29014.48	4783.349	2102.566
#2	1346.125	1994.553	29073.05	4762.402	2101.556
#3	1351.784	1999.897	29078.89	4749.689	2116.042

Sample Name: PB122702TB Acquired: 08/30/2019 14:39:40 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0018681	-.007718	.0002327	.0085122	.0028067	.0029134
Stddev	.0039342	.002557	.0016106	.0015734	.0016144	.0175905
%RSD	210.5972	33.13071	692.1342	18.48384	57.51805	603.7791

#1	-.002582	-.010620	-.001202	.0074496	.0039455	.0231999
#2	.004882	-.005799	-.000075	.0103197	.0035155	-.006352
#3	.003305	-.006733	.001975	.0077673	.0009592	-.008107

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009702	-.000344	-.000307	.0066447	.0002451	-.000620
Stddev	.0003695	.000042	.000106	.0066090	.0003876	.000149
%RSD	38.08181	12.25522	34.56153	99.46178	158.1255	24.01366

#1	.0013768	-.000316	-.000257	.0113411	-.000149	-.000473
#2	.0006550	-.000392	-.000429	-.000913	.000626	-.000771
#3	.0008789	-.000323	-.000236	.009506	.000258	-.000616

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029822	-.002668	-.000502	.0111256	.0019552	.0012173
Stddev	.0005862	.007589	.000215	.0159029	.0007551	.0000944
%RSD	19.65502	284.4048	42.89097	142.9401	38.62088	7.751407

#1	.0036585	-.009044	-.000520	.0262196	.0021030	.0011097
#2	.0026212	-.004686	-.000278	-.005478	.0026255	.0012857
#3	.0026670	.005725	-.000707	.012635	.0011371	.0012565

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 311.3430	-.005178	.0064703	.1460056	.0012695	-.001424
Stddev	.9323	.001787	.0003657	.0206164	.0014296	.001088
%RSD	.2994350	34.51038	5.651996	14.12030	112.6133	76.43426

#1	310.4650	-.007156	.0065619	.1646528	.0027652	-.002618
#2	311.2424	-.004694	.0067816	.1494980	.0011263	-.001165
#3	312.3214	-.003682	.0060676	.1238660	-.000083	-.000488

Sample Name: PB122702TB Acquired: 08/30/2019 14:39:40 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0011533	.0092629	.0002921	.0026260	.0006598	-.000737
Stddev	.0002696	.0027522	.0006554	.0005923	.0008273	.000226
%RSD	23.37639	29.71207	224.4070	22.55684	125.3740	30.67281

#1	.0012342	.0102741	-.000091	.0020106	-.000051	-.000924
#2	.0013732	.0061481	.001049	.0026752	.001568	-.000486
#3	.0008525	.0113665	-.000081	.0031922	.000462	-.000800

Elem	Sr4077
Units	ppm
Avg	.0000183
Stddev	.0000520
%RSD	283.5931

#1	.0000145
#2	.0000721
#3	-.000032

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1316.015	1985.356	28433.66	4731.866	2162.554
Stddev	11.987	3.013	64.21	25.156	4.690
%RSD	.9108757	.1517707	.2258163	.5316195	.2168559

#1	1306.360	1983.651	28443.23	4716.057	2162.135
#2	1329.432	1983.581	28492.55	4760.874	2158.088
#3	1312.252	1988.835	28365.20	4718.667	2167.439

Sample Name: K4537-03 Acquired: 08/30/2019 14:43:33 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0083772	-.006680	.0293926	.0047628	.0046373	.1129582	2.514043
Stddev	.0007361	.002025	.0022308	.0018785	.0018414	.0094780	.005243
%RSD	8.787211	30.31443	7.589473	39.44212	39.70726	8.390674	.2085443

#1	.0088366	-.004354	.0273522	.0069206	.0055740	.1089696	2.511890
#2	.0087669	-.008051	.0290514	.0038758	.0025159	.1237786	2.510218
#3	.0075282	-.007635	.0317744	.0034919	.0058221	.1061264	2.520019

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001173	.0023718	293.4808	.0040998	.0121966	.0044817	6.579204
Stddev	.000043	.0000672	.5356	.0002403	.0002554	.0010205	.017296
%RSD	3.646035	2.831983	.1825111	5.861649	2.094201	22.76994	.2628962

#1	-.001214	.0024148	293.5145	.0042099	.0122912	.0055953	6.565612
#2	-.001177	.0022944	292.9291	.0038241	.0119074	.0042583	6.573328
#3	-.001129	.0024062	293.9988	.0042652	.0123912	.0035914	6.598673

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.60065	88.99929	.0168260	-.001033	362.4014	-.005601	.0190292
Stddev	.04375	.37537	.0003747	.000373	1.7495	.003972	.0002258
%RSD	.2025475	.4217634	2.226845	36.14668	.4827643	70.92537	1.186506

#1	21.60672	88.63617	.0168071	-.001136	360.9188	-.006284	.0190651
#2	21.55417	88.97589	.0164611	-.000619	361.9543	-.001331	.0192348
#3	21.64104	89.38581	.0172098	-.001344	364.3311	-.009187	.0187876

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.53654	.0210695	.2213709	.0058586	10.35300	24.44586	-.006500
Stddev	.14728	.0018557	.0012087	.0005618	.02306	.14234	.001577
%RSD	1.174841	8.807595	.5460227	9.589010	.2227433	.5822856	24.26269

#1	12.37248	.0189349	.2216945	.0052107	10.37962	24.60259	-.008094
#2	12.57975	.0219748	.2200333	.0062102	10.33936	24.32462	-.006464
#3	12.65738	.0222989	.2223848	.0061549	10.34001	24.41037	-.004941

Sample Name: K4537-03 Acquired: 08/30/2019 14:43:33 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005181	.0462802	1.162608
Stddev	.000935	.0003466	.009685
%RSD	18.05495	.7489742	.8330803

#1	-.006134	.0461752	1.152097
#2	-.004264	.0459983	1.164553
#3	-.005146	.0466672	1.171173

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1247.648	1900.064	27522.37	4602.991	2069.404
Stddev	4.977	6.170	81.58	34.317	2.906
%RSD	.3989175	.3247161	.2964103	.7455407	.1404090

#1	1249.320	1895.765	27561.49	4573.094	2066.128
#2	1251.573	1907.134	27577.03	4640.463	2071.670
#3	1242.050	1897.295	27428.60	4595.415	2070.415

Sample Name: CCV04 Acquired: 08/30/2019 14:47:21 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	5.069316	4.922466	4.957262	5.012410	5.053964	9.993524	10.45554
Stddev	.013204	.024535	.013238	.007777	.011671	.096050	.09307
%RSD	.2604672	.4984393	.2670414	.1551579	.2309347	.9611213	.8901440

#1	5.054091	4.949326	4.945891	5.004935	5.041659	9.882953	10.34878
#2	5.077644	4.901234	4.954102	5.020457	5.055356	10.04132	10.49825
#3	5.076211	4.916836	4.971794	5.011838	5.064876	10.05630	10.51958

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2560133	2.429156	25.54451	.9754725	2.478990	1.247148	5.063731
Stddev	.0005412	.001095	.27365	.0034744	.005366	.010702	.054514
%RSD	.2113987	.0450843	1.071273	.3561785	.2164695	.8580993	1.076550

#1	.2554067	2.428832	25.22931	.9768865	2.474288	1.235195	5.004207
#2	.2561862	2.428259	25.68286	.9715140	2.477847	1.250408	5.075759
#3	.2564468	2.430376	25.72137	.9780170	2.484836	1.255840	5.111225

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.571351	25.30578	2.481685	1.257022	25.74746	2.520591	2.505878
Stddev	.024195	.32635	.002408	.003757	.60029	.026466	.003729
%RSD	.9409254	1.289637	.0970358	.2989170	2.331461	1.049979	.1488240

#1	2.544096	24.93386	2.481485	1.259971	25.05919	2.490946	2.509353
#2	2.579668	25.43920	2.479383	1.258303	26.02044	2.528987	2.501938
#3	2.590291	25.54429	2.484187	1.252791	26.16274	2.541840	2.506343

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.21688	5.151031	5.070519	4.999898	4.987698	5.022888	4.984471
Stddev	.14461	.028406	.005184	.004949	.017827	.005763	.001786
%RSD	.5734474	.5514571	.1022459	.0989819	.3574104	.1147397	.0358349

#1	25.05020	5.183757	5.067847	4.996306	5.008219	5.022667	4.985024
#2	25.30894	5.132755	5.067216	4.997845	4.978842	5.017239	4.985916
#3	25.29148	5.136582	5.076495	5.005543	4.976034	5.028759	4.982474

Sample Name: CCV04 Acquired: 08/30/2019 14:47:21 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.004916	5.181471	4.938249
Stddev	.051822	.053243	.110059
%RSD	1.035423	1.027574	2.228695

#1	4.945504	5.120006	4.850797
#2	5.028447	5.211041	4.902119
#3	5.040798	5.213367	5.061831

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1348.100	1998.241	29257.05	4764.051	2147.749
Stddev	4.220	2.361	81.85	16.190	.167
%RSD	.3130475	.1181783	.2797483	.3398398	.0077871

#1	1350.645	2000.414	29238.90	4774.245	2147.708
#2	1343.228	1995.728	29185.81	4745.383	2147.606
#3	1350.426	1998.580	29346.45	4772.525	2147.933

Sample Name: CCB04 Acquired: 08/30/2019 14:51:00 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	-.000325	.0024483	.0012343	.0004642	.0005638	-.002941	.0018661
Stddev	.002836	.0032500	.0002893	.0011075	.0003793	.002446	.0005916
%RSD	872.5799	132.7447	23.43860	238.5734	67.26336	83.16682	31.70038

#1	-.003489	-.001100	.0012700	.0012665	.0003498	-.005464	.0022298
#2	.000525	.003164	.0015042	-.000799	.0010018	-.002781	.0021851
#3	.001989	.005281	.0009288	.000925	.0003401	-.000579	.0011835

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000417	.0000597	-.011624	-.000339	.0000001	.0011516	-.006440
Stddev	.0000649	.0000387	.003566	.000466	.0002211	.0016687	.002525
%RSD	155.6919	64.78691	30.68166	137.3256	165010.4	144.9035	39.20794

#1	.0000885	.0000353	-.009466	-.000008	.0002023	.0027165	-.003850
#2	.0000689	.0000396	-.015740	-.000872	-.000236	-.000604	-.008895
#3	-.000032	.0001043	-.009665	-.000138	.000034	.001343	-.006575

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000010	-.021890	.0001529	-.000179	.4679682	-.003732	-.000291
Stddev	.000192	.015075	.0002425	.000437	.0704176	.001522	.000075
%RSD	1886.437	68.86603	158.6424	244.0637	15.04752	40.78113	25.81744

#1	-.000019	-.027455	.0004318	.000265	.3935053	-.002927	-.000227
#2	-.000198	-.004824	.0000349	-.000194	.5334857	-.005488	-.000273
#3	.000186	-.033390	-.000008	-.000608	.4769136	-.002782	-.000374

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2651474	.0030787	.0059192	.0004070	-.009534	.0027082	.0000753
Stddev	.1743443	.0021668	.0011017	.0001619	.003259	.0004402	.0002138
%RSD	65.75374	70.38087	18.61253	39.77309	34.18788	16.25531	283.9534

#1	.2300274	.0006610	.0067408	.0005308	-.008397	.0031017	.0001958
#2	.4543783	.0037295	.0063495	.0002238	-.006995	.0027901	-.000172
#3	.1110365	.0048454	.0046673	.0004665	-.013209	.0022327	.000202

Sample Name: CCB04 Acquired: 08/30/2019 14:51:00 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010767	.0006813	.0002730
Stddev	.0012709	.0006987	.0000852
%RSD	118.0311	102.5447	31.19700

#1	-.000037	.0000584	.0002447
#2	.002461	.0005488	.0003688
#3	.000806	.0014368	.0002056

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1362.320	2011.549	28943.64	4692.707	2082.114
Stddev	6.063	7.557	43.02	167.153	10.196
%RSD	.4450449	.3756568	.1486322	3.561964	.4897155

#1	1363.230	2014.473	28941.38	4780.759	2086.630
#2	1355.854	2017.207	28987.74	4499.936	2089.272
#3	1367.877	2002.968	28901.79	4797.426	2070.439

Sample Name: PB122696BL Acquired: 08/30/2019 14:54:53 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0009948	-.001009	.0003515	.0003700	.0019010	.0042200	.0007257
Stddev	.0021758	.002185	.0014640	.0014248	.0010172	.0037265	.0005665
%RSD	218.7187	216.5152	416.5183	385.1000	53.51218	88.30626	78.06350

#1	-.000954	-.002552	-.001045	-.000493	.0013429	.0023322	.0007411
#2	.003343	-.001966	.001874	.002015	.0030751	.0018151	.0001517
#3	.000595	.001491	.000225	-.000412	.0012849	.0085126	.0012844

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000024	.0000510	-.012174	-.000090	-.000264	.0028677	-.004593
Stddev	.000095	.0000862	.004353	.000549	.000149	.0018026	.004827
%RSD	394.0568	168.8233	35.75546	609.1281	56.19110	62.85866	105.0797

#1	.000084	.0000986	-.017171	.000480	-.000340	.0011707	-.004811
#2	-.000095	.0001030	-.010139	-.000616	-.000359	.0026724	.000338
#3	-.000062	-.000048	-.009211	-.000134	-.000093	.0047600	-.009307

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000154	.0030967	-.000253	.0001390	.3740813	-.001359	-.000614
Stddev	.000442	.0101004	.000407	.0001733	.1802616	.003013	.000190
%RSD	287.1660	326.1716	160.7278	124.6462	48.18783	221.7882	30.94807

#1	.000302	.0087925	-.000366	.0001901	.2739426	-.003069	-.000725
#2	-.000579	-.008565	-.000592	.0002810	.2661208	.002121	-.000721
#3	-.000184	.009063	.000198	-.000054	.5821805	-.003128	-.000394

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2471225	.0015100	-.000337	-.000043	-.008477	-.000451	-.002139
Stddev	.0742878	.0004921	.000255	.000487	.002104	.000979	.001129
%RSD	30.06112	32.58890	75.74201	1140.326	24.81788	216.8517	52.76466

#1	.1613424	.0019868	-.000441	.000459	-.006257	.000441	-.000956
#2	.2900953	.0010039	-.000524	-.000073	-.008733	-.001499	-.003204
#3	.2899297	.0015394	-.000046	-.000514	-.010441	-.000297	-.002258

Sample Name: PB122696BL Acquired: 08/30/2019 14:54:53 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007900	-.001204	.0000318
Stddev	.0008071	.000406	.0000864
%RSD	102.1606	33.74044	272.1198

#1	.0013040	-.001272	.0000547
#2	-.000140	-.001572	-.000064
#3	.001206	-.000768	.000104

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1360.458	2012.024	29015.11	4836.581	2083.658
Stddev	.737	5.659	167.99	33.279	5.699
%RSD	.0541684	.2812629	.5789862	.6880696	.2734976

#1	1359.906	2017.280	28854.67	4851.120	2089.069
#2	1360.174	2012.758	29189.75	4860.116	2077.710
#3	1361.295	2006.034	29000.90	4798.506	2084.195

Sample Name: PB122702BS Acquired: 08/30/2019 14:58:46 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.8068051	1.958798	.9975229	1.986490	.8040054	2.047814
Stddev	.0058400	.012140	.0030424	.005329	.0030025	.013581
%RSD	.7238376	.6197590	.3049951	.2682858	.3734400	.6631986

#1	.8134703	1.954408	.9983165	1.992027	.8074723	2.032833
#2	.8025861	1.972522	1.000090	1.981396	.8023002	2.059319
#3	.8043588	1.949463	.994162	1.986049	.8022438	2.051291

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2146910	.2038028	.1996618	1.000542	.3933475	.2027423
Stddev	.0010111	.0007904	.0002526	.007299	.0014607	.0002067
%RSD	.4709710	.3878127	.1265106	.7295293	.3713374	.1019258

#1	.2135370	.2029676	.1993701	.992899	.3942278	.2025465
#2	.2151147	.2039016	.1998112	1.001286	.3916615	.2027221
#3	.2154214	.2045390	.1998040	1.007441	.3941533	.2029583

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3095523	3.253111	.2120571	2.046290	.5128475	.0726468
Stddev	.0061945	.031790	.0009812	.034618	.0003037	.0007083
%RSD	2.001103	.9772111	.4627195	1.691723	.0592176	.9749260

#1	.3035757	3.223223	.2109357	2.051765	.5125445	.0730007
#2	.3159438	3.286510	.2127578	2.077844	.5131519	.0731083
#3	.3091374	3.249599	.2124778	2.009261	.5128462	.0718313

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3.649347	.3157507	.2074413	10.24944	F 6.493035	.2908782
Stddev	.340845	.0052608	.0020955	.11525	.020710	.0012985
%RSD	9.339904	1.666130	1.010177	1.124439	.3189621	.4463971

#1	4.015786	.3097982	.2072410	10.11642	6.478962	.2894682
#2	3.590496	.3197766	.2096297	10.31943	6.516816	.2920247
#3	3.341759	.3176774	.2054531	10.31247	6.483327	.2911416

Sample Name: PB122702BS Acquired: 08/30/2019 14:58:46 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.3894487	F -.009404	.9438420	.6995045	.1962527	F .1108777
Stddev	.0005552	.001543	.0053500	.0051764	.0013602	.0022738
%RSD	.1425509	16.41068	.5668308	.7400089	.6930631	2.050741

#1	.3898671	-.007870	.9383609	.6935444	.1947671	.1095425
#2	.3888188	-.009384	.9441147	.7028751	.1974368	.1135032
#3	.3896600	-.010956	.9490504	.7020941	.1965541	.1095875

Elem	Sr4077
Units	ppm
Avg	.2077247
Stddev	.0015764
%RSD	.7588657

#1	.2059121
#2	.2087755
#3	.2084864

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1358.973	1993.087	29047.20	4777.978	2100.111
Stddev	13.292	4.382	261.77	18.558	4.449
%RSD	.9780701	.2198690	.9011914	.3884121	.2118463

#1	1349.046	1988.500	28834.98	4788.009	2100.465
#2	1353.800	1993.529	28966.91	4756.563	2095.496
#3	1374.074	1997.231	29339.71	4789.362	2104.373

Sample Name: K4567-21 Acquired: 08/30/2019 15:02:28 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-7-GW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0780402	-.048331	.5420981	.1039870	.0070577	339.8616	1.451517
Stddev	.0021311	.003118	.0031946	.0013331	.0035896	1.3062	.007850
%RSD	2.730726	6.451044	.5893109	1.282000	50.86115	.3843458	.5407836

#1	.0775051	-.051175	.5390562	.1028894	.0029317	339.8756	1.443942
#2	.0803878	-.044998	.5454262	.1036010	.0087782	338.5485	1.450994
#3	.0762277	-.048821	.5418119	.1054705	.0094632	341.1608	1.459615

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171070	-.002805	46.57750	.3733381	.3908118	.5677823	473.9417
Stddev	.0000554	.000083	.49884	.0003410	.0009752	.0026163	2.8183
%RSD	.3237495	2.976297	1.070992	.0913498	.2495314	.4607917	.5946410

#1	.0171238	-.002804	46.00539	.3729780	.3897328	.5660643	470.7268
#2	.0170452	-.002723	46.92152	.3733800	.3910722	.5707933	475.1124
#3	.0171521	-.002890	46.80558	.3736562	.3916304	.5664891	475.9859

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.91163	57.63762	.5651227	.0035327	176.9284	.5677650	.7824499
Stddev	.07269	.48306	.0005159	.0002520	.9991	.0070383	.0019287
%RSD	.6661407	.8380948	.0912928	7.134235	.5646979	1.239651	.2464900

#1	10.83490	57.08088	.5649574	.0032499	175.7890	.5607203	.7817662
#2	10.92054	57.88638	.5647097	.0036147	177.6546	.5747969	.7809562
#3	10.97946	57.94560	.5657010	.0037335	177.3417	.5677779	.7846273

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.29361	17.29380	-.121570	.0151821	13.26209	52.19186	-.004126
Stddev	.06268	.02827	.006810	.0003473	.01741	.15287	.000978
%RSD	.3088731	.1634444	5.601373	2.287224	.1312439	.2928948	23.69776

#1	20.24287	17.32566	-.128688	.0155050	13.25777	52.10770	-.004074
#2	20.27427	17.27174	-.115118	.0148148	13.28125	52.09956	-.003176
#3	20.36368	17.28400	-.120902	.0152265	13.24726	52.36831	-.005129

Sample Name: K4567-21 Acquired: 08/30/2019 15:02:28 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-7-GW Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.041013	.1171910	.3740942
Stddev	.047998	.0013663	.0012958
%RSD	.5969139	1.165910	.3463815

#1	7.985970	.1156345	.3729253
#2	8.062920	.1181923	.3754876
#3	8.074149	.1177463	.3738699

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.967	3003.106	43073.84	7272.943	2103.088
Stddev	2.463	2.549	165.00	10.606	.873
%RSD	.1261045	.0848704	.3830637	.1458308	.0415195

#1	1955.537	3006.049	43226.57	7272.614	2103.848
#2	1952.738	3001.647	43096.11	7283.710	2102.134
#3	1950.628	3001.622	42898.84	7262.505	2103.283

Sample Name: K4567-24 Acquired: 08/30/2019 15:06:15 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: TP-8-GW Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1517805	-.818276	8.680873	.0772512	.0085577	574.6045
Stddev	.0016364	.001611	.009506	.0054244	.0004469	7.5680
%RSD	1.078131	.1968168	.1095069	7.021770	5.222269	1.317078

#1	.1528688	-.817734	8.671213	.0743498	.0090565	567.4512
#2	.1525742	-.820088	8.681190	.0738946	.0084226	573.8340
#3	.1498987	-.817007	8.690217	.0835092	.0081939	582.5282

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.649491	.0262134	.1625979	^ *****	.3624004	3.976982
Stddev	.006153	.0001752	.0011565	----	.0039148	.004140
%RSD	.2322158	.6682273	.7112337	----	1.080240	.1041051

#1	2.656091	.0261181	.1612733	^ ----	.3597737	3.972935
#2	2.648465	.0264156	.1634066	^ ----	.3668998	3.981209
#3	2.643915	.0261066	.1631138	^ ----	.3605277	3.976801

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.143279	615.5475	28.85318	74.55225	F 6.906095	^ *****
Stddev	.001447	12.2675	.32419	.46987	.004467	----
%RSD	.1265947	1.992938	1.123597	.6302500	.0646768	----

#1	1.142248	611.8109	28.51893	74.27116	6.903238	^ ----
#2	1.142655	605.5827	29.16628	75.09468	6.911243	^ ----
#3	1.144933	629.2487	28.87433	74.29091	6.903806	^ ----

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.13744	.7956303	1.772561	33.70418	148.8587	^ *****
Stddev	.15188	.0058885	.001116	.10001	.3819	----
%RSD	.4449055	.7401003	.0629681	.2967328	.2565466	----

#1	34.01963	.7954381	1.773341	33.59187	148.9298	^ ----
#2	34.30885	.8016125	1.771282	33.78361	148.4462	^ ----
#3	34.08383	.7898403	1.773059	33.73707	149.2000	^ ----

Sample Name: K4567-24 Acquired: 08/30/2019 15:06:15 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-8-GW Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212745	37.13657	8.765804	.2762840	3.176911	.2910342
Stddev	.0002509	.07249	.035078	.0077753	.023151	.0024504
%RSD	1.179437	.1951874	.4001678	2.814235	.7287150	.8419809

#1	.0215094	37.06596	8.739517	.2674292	3.162092	.2883678
#2	.0213040	37.13296	8.805635	.2819955	3.203589	.2931874
#3	.0210102	37.21080	8.752260	.2794274	3.165054	.2915474

Elem	Sr4077
Units	ppm
Avg	.3059016
Stddev	.0018444
%RSD	.6029418

#1	.3043684
#2	.3079484
#3	.3053881

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9517.056	15237.87	226470.9	41944.73	1640.264
Stddev	81.917	25.95	598.8	108.29	1.419
%RSD	.8607430	.1702827	.2643935	.2581678	.0865342

#1	9482.974	15234.22	226549.7	41937.33	1641.357
#2	9610.512	15213.94	227026.4	42056.52	1638.660
#3	9457.682	15265.45	225836.7	41840.33	1640.775

Sample Name: K4439-06 Acquired: 08/30/2019 15:10:27 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-3-(1-3) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1272090	-.012227	2.624387	.0509869	.0052837	83.67193	3.267746
Stddev	.0023980	.002099	.013040	.0020398	.0016879	.97391	.021531
%RSD	1.885103	17.16989	.4968812	4.000663	31.94573	1.163958	.6588805

#1	.1246878	-.014358	2.613429	.0487202	.0053590	84.15373	3.286827
#2	.1294611	-.010161	2.620922	.0526746	.0069327	82.55104	3.244403
#3	.1274782	-.012164	2.638809	.0515659	.0035594	84.31103	3.272008

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092251	.0007498	142.4645	.1653104	.1144816	.7143403	221.2447
Stddev	.0001802	.0000461	1.3208	.0013803	.0004739	.0078177	1.8770
%RSD	1.953135	6.145460	.9270818	.8349684	.4139100	1.094399	.8483609

#1	.0093990	.0007376	143.4588	.1656455	.1141566	.7118632	222.7409
#2	.0090393	.0008007	140.9659	.1664924	.1150253	.7080613	219.1386
#3	.0092371	.0007110	142.9689	.1637935	.1142628	.7230965	221.8545

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.544377	37.43867	.4041336	.0025628	11.72565	.2984087	2.068829
Stddev	.034703	.24813	.0013357	.0001584	.30243	.0046222	.006322
%RSD	.9791111	.6627608	.3305056	6.179341	2.579213	1.548944	.3056062

#1	3.578122	37.63191	.4025914	.0024468	11.60726	.3031743	2.075511
#2	3.508788	37.15885	.4048872	.0027432	12.06936	.2939447	2.062941
#3	3.546222	37.52523	.4049221	.0024984	11.50032	.2981071	2.068034

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.18041	7.322942	-.047827	.0105203	9.228211	2.888310	.1246263
Stddev	.16378	.049815	.005585	.0002686	.058915	.057414	.0010108
%RSD	1.464863	.6802550	11.67778	2.552698	.6384225	1.987798	.8110688

#1	11.30685	7.276644	-.054225	.0108087	9.181263	2.954369	.1257754
#2	10.99540	7.316529	-.043928	.0104747	9.209048	2.850426	.1238744
#3	11.23897	7.375652	-.045328	.0102774	9.294322	2.860137	.1242291

Sample Name: K4439-06 Acquired: 08/30/2019 15:10:27 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-3-(1-3) Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.790384	.1012987	1.123171
Stddev	.030324	.0003935	.017281
%RSD	1.086718	.3884880	1.538578

#1	2.809203	.1015757	1.124812
#2	2.755403	.1008482	1.105128
#3	2.806545	.1014721	1.139573

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1588.337	2378.621	34546.23	5815.462	2187.410
Stddev	5.041	5.287	314.20	105.636	3.514
%RSD	.3173555	.2222538	.9094968	1.816465	.1606581

#1	1584.290	2376.954	34345.45	5697.253	2191.457
#2	1586.736	2384.540	34384.93	5900.623	2185.133
#3	1593.983	2374.369	34908.32	5848.509	2185.639

Sample Name: K4439-07 Acquired: 08/30/2019 15:14:07 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-5-(1-3) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1597537	-.013551	1.089526	.0547984	.0046483	109.1098	1.515964
Stddev	.0029329	.002536	.003932	.0019270	.0008398	.6889	.004814
%RSD	1.835872	18.71242	.3608583	3.516581	18.06734	.6313506	.3175212

#1	.1630023	-.016403	1.088866	.0563858	.0037455	108.3169	1.510794
#2	.1589579	-.011550	1.085966	.0526543	.0047930	109.4522	1.520317
#3	.1573008	-.012700	1.093746	.0553550	.0054064	109.5605	1.516781

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086216	-.000436	643.1170	.2279448	.1096816	.5081072	237.3044
Stddev	.0000747	.000074	6.6596	.0007380	.0006484	.0033822	1.3765
%RSD	.8666795	17.00396	1.035514	.3237859	.5911561	.6656473	.5800554

#1	.0085391	-.000522	643.9787	.2276420	.1098088	.5057561	235.7259
#2	.0086847	-.000398	649.3037	.2287861	.1089791	.5065821	238.2545
#3	.0086409	-.000389	636.0685	.2274064	.1102570	.5119834	237.9329

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.449591	111.2854	.4245282	.0028548	7.615487	.3793925	1.678530
Stddev	.017192	.6501	.0017392	.0000873	.205002	.0068650	.011107
%RSD	.4983742	.5841611	.4096678	3.056945	2.691912	1.809472	.6617125

#1	3.431061	110.5392	.4259823	.0027934	7.410895	.3714815	1.691289
#2	3.465025	111.7288	.4226016	.0029547	7.614671	.3837841	1.671026
#3	3.452686	111.5883	.4250007	.0028161	7.820896	.3829118	1.673275

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.17711	7.087529	-.027635	.0173844	20.71651	.8519179	.0326980
Stddev	.06957	.008442	.004924	.0002933	.02661	.0106965	.0014300
%RSD	.4583953	.1191119	17.81817	1.687067	.1284302	1.255578	4.373405

#1	15.09714	7.094737	-.033185	.0171138	20.71609	.8641834	.0310552
#2	15.21048	7.089609	-.025929	.0176960	20.74333	.8470437	.0336641
#3	15.22371	7.078241	-.023791	.0173433	20.69012	.8445267	.0333746

Sample Name: K4439-07 Acquired: 08/30/2019 15:14:07 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: S-5-(1-3) Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.262730	.1084783	2.581409
Stddev	.028574	.0017381	.012664
%RSD	.6703138	1.602300	.4905916

#1	4.230261	.1065150	2.566947
#2	4.273892	.1098209	2.590517
#3	4.284038	.1090990	2.586763

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1498.750	2269.087	33085.33	5557.194	2114.826
Stddev	9.879	1.649	131.12	59.509	2.427
%RSD	.6591558	.0726786	.3963052	1.070845	.1147659

#1	1487.422	2267.277	32952.65	5494.283	2112.546
#2	1505.576	2270.504	33088.51	5564.711	2117.377
#3	1503.253	2269.481	33214.83	5612.587	2114.555

Sample Name: K4439-08 Acquired: 08/30/2019 15:17:50 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-2-(5-7) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0780019	-.009530	.7099505	.0371742	.0036558	33.36525	.8518762
Stddev	.0025149	.002985	.0020551	.0006739	.0023572	.14958	.0037503
%RSD	3.224120	31.32541	.2894722	1.812879	64.47909	.4483178	.4402428

#1	.0808881	-.012717	.7111204	.0371563	.0010361	33.20310	.8478770
#2	.0762814	-.009073	.7075775	.0378570	.0043259	33.39478	.8553144
#3	.0768361	-.006799	.7111536	.0365095	.0056055	33.49786	.8524371

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041741	-.000841	246.6955	.0942585	.0330605	.3753995	133.2385
Stddev	.0000658	.000064	.5990	.0008506	.0002597	.0015973	.4740
%RSD	1.575607	7.662942	.2427992	.9023615	.7856647	.4254966	.3557745

#1	.0042147	-.000835	246.6081	.0950511	.0333233	.3737129	132.6954
#2	.0040982	-.000908	246.1450	.0933599	.0330541	.3755962	133.5694
#3	.0042095	-.000780	247.3333	.0943644	.0328040	.3768893	133.4506

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9462196	57.44899	.0973626	.0014657	3.451392	.1200676	1.112264
Stddev	.0046825	.12172	.0003697	.0002687	.212974	.0053413	.005873
%RSD	.4948618	.2118771	.3797128	18.33398	6.170670	4.448585	.5279885

#1	.9424619	57.30869	.0972693	.0017653	3.675211	.1163899	1.116554
#2	.9514653	57.51186	.0970484	.0013861	3.251240	.1261943	1.114667
#3	.9447317	57.52641	.0977700	.0012458	3.427726	.1176187	1.105571

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.191730	3.742739	-.007712	.0176056	26.37926	3.541505	.0438668
Stddev	.112023	.007926	.004136	.0005848	.06712	.046752	.0025661
%RSD	2.157726	.2117647	53.62764	3.321708	.2544452	1.320126	5.849841

#1	5.307725	3.748860	-.011743	.0170819	26.30940	3.584810	.0425178
#2	5.084153	3.745570	-.003479	.0182366	26.44326	3.491936	.0422566
#3	5.183312	3.733786	-.007915	.0174983	26.38511	3.547768	.0468261

Sample Name: K4439-08 Acquired: 08/30/2019 15:17:50 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: S-2-(5-7) Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.565878	.0232524	.8373190
Stddev	.009543	.0009459	.0032947
%RSD	.6094401	4.067954	.3934815

#1	1.554865	.0227023	.8367399
#2	1.571057	.0227103	.8343523
#3	1.571712	.0243446	.8408649

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1404.232	2109.268	30581.26	5078.494	2138.822
Stddev	11.043	2.437	41.50	47.684	7.389
%RSD	.7863950	.1155221	.1357030	.9389460	.3454625

#1	1399.320	2107.829	30624.63	5024.824	2138.487
#2	1396.497	2107.893	30577.22	5115.981	2131.606
#3	1416.879	2112.081	30541.93	5094.677	2146.373

Sample Name: K4439-09 Acquired: 08/30/2019 15:21:33 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-4A-(5-7) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0607824	-.007744	.3003098	.0499658	.0041140	94.16562	.8513862
Stddev	.0025947	.004423	.0031080	.0016003	.0003744	.54377	.0055063
%RSD	4.268816	57.10998	1.034920	3.202884	9.099983	.5774601	.6467444

#1	.0628361	-.002682	.2974888	.0494428	.0041484	93.56539	.8451092
#2	.0616447	-.009691	.2997992	.0486924	.0037237	94.30613	.8554015
#3	.0578663	-.010860	.3036415	.0517622	.0044700	94.62534	.8536480

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094961	-.000785	13.27884	.1663890	.1680985	.3184522	219.6761
Stddev	.0001207	.000086	.06503	.0004268	.0007472	.0014134	1.0603
%RSD	1.271227	11.00133	.4897248	.2565254	.4445202	.4438431	.4826487

#1	.0096264	-.000718	13.20626	.1668187	.1679622	.3172749	218.4756
#2	.0094736	-.000883	13.33180	.1663830	.1674287	.3200197	220.4842
#3	.0093881	-.000755	13.29845	.1659651	.1689044	.3180619	220.0686

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.00762	47.33224	1.038517	.0010565	8.912355	.3119821	.7884122
Stddev	.04753	.20046	.001262	.0003819	.056952	.0010100	.0003931
%RSD	.4318368	.4235208	.1214724	36.14989	.6390226	.3237307	.0498585

#1	10.95641	47.11750	1.037719	.0006251	8.965874	.3130037	.7888569
#2	11.05033	47.51445	1.037861	.0011928	8.852500	.3109842	.7882686
#3	11.01613	47.36476	1.039971	.0013515	8.918690	.3119585	.7881111

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.14906	5.889284	-.047390	.0093427	2.008569	.9359826	.0016355
Stddev	.17143	.016412	.001588	.0001996	.012310	.0040351	.0025127
%RSD	.8952637	.2786837	3.351861	2.136895	.6128504	.4311090	153.6361

#1	18.95116	5.873622	-.048398	.0091533	1.999327	.9401475	.0021149
#2	19.25212	5.906356	-.045559	.0095512	2.003838	.9357093	.0038739
#3	19.24389	5.887874	-.048212	.0093236	2.022542	.9320911	-.001082

Sample Name: K4439-09 Acquired: 08/30/2019 15:21:33 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-4A-(5-7) Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.550849	.1072260	.3052718
Stddev	.015097	.0017066	.0021968
%RSD	.4251785	1.591566	.7196081

#1	3.536195	.1052905	.3028085
#2	3.549997	.1085146	.3059794
#3	3.566354	.1078727	.3070276

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1658.511	2480.865	35818.88	5890.939	2175.711
Stddev	1.366	4.673	145.87	11.619	3.987
%RSD	.0823741	.1883475	.4072509	.1972276	.1832709

#1	1656.934	2475.471	35974.17	5893.408	2177.004
#2	1659.255	2483.434	35797.71	5878.284	2178.892
#3	1659.343	2483.689	35684.74	5901.124	2171.238

Sample Name: K4439-10 Acquired: 08/30/2019 15:25:13 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-5-(5-7) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0745759	-.013634	.4881268	.0573096	.0048455	95.49741	.6621099
Stddev	.0022227	.002754	.0022031	.0017211	.0010898	.71675	.0063989
%RSD	2.980430	20.20100	.4513364	3.003177	22.49198	.7505418	.9664489

#1	.0751609	-.016735	.4855866	.0570275	.0056792	94.88857	.6574646
#2	.0721192	-.012692	.4895165	.0557470	.0036123	95.31634	.6594564
#3	.0764476	-.011473	.4892773	.0591544	.0052448	96.28733	.6694087

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096388	-.002171	7.445981	.2938117	.1520798	.3891299	242.6047
Stddev	.0000760	.000050	.022338	.0008243	.0002711	.0011920	1.9328
%RSD	.7880550	2.310113	.3000039	.2805609	.1782565	.3063294	.7966835

#1	.0096930	-.002192	7.459607	.2947590	.1518449	.3878176	241.6870
#2	.0095520	-.002113	7.420202	.2934185	.1523764	.3894266	241.3017
#3	.0096713	-.002207	7.458136	.2932576	.1520182	.3901456	244.8254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.457566	41.75038	.9242602	.0016002	6.571921	.3335044	1.142731
Stddev	.026373	.29856	.0009551	.0003162	.231446	.0009946	.008673
%RSD	.7627548	.7151107	.1033380	19.76045	3.521736	.2982193	.7589479

#1	3.445886	41.56237	.9252389	.0019517	6.666234	.3330641	1.140725
#2	3.439051	41.59414	.9242111	.0015099	6.741319	.3328059	1.152231
#3	3.487762	42.09465	.9233306	.0013390	6.308210	.3346431	1.135238

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.68548	5.298301	-.060452	.0165099	7.560246	.9603916	.0112409
Stddev	.12584	.011521	.004891	.0002304	.001871	.0080990	.0010593
%RSD	1.076866	.2174459	8.090295	1.395611	.0247503	.8433061	9.423425

#1	11.54223	5.307149	-.063754	.0167346	7.558090	.9682070	.0100378
#2	11.73603	5.285274	-.062769	.0165208	7.561192	.9609319	.0120335
#3	11.77819	5.302482	-.054834	.0162742	7.561455	.9520359	.0116514

Sample Name: K4439-10 Acquired: 08/30/2019 15:25:13 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-5-(5-7) Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.203746	.0936487	.1420548
Stddev	.024823	.0008135	.0009080
%RSD	.7747977	.8686405	.6392073

#1	3.183196	.0937139	.1410288
#2	3.196718	.0928046	.1423810
#3	3.231325	.0944276	.1427547

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1633.817	2441.199	35241.92	5783.849	2191.771
Stddev	13.452	3.335	91.36	28.940	4.707
%RSD	.8233223	.1366173	.2592456	.5003583	.2147478

#1	1636.313	2437.362	35216.01	5750.501	2187.997
#2	1619.293	2443.407	35343.44	5798.667	2190.272
#3	1645.847	2442.827	35166.31	5802.379	2197.045

Sample Name: K4095-13 Acquired: 08/30/2019 15:28:54 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SU-01-082819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0290995	-.018459	.2306631	.0539091	.0014173	107.7196	.4215120
Stddev	.0047681	.002494	.0019386	.0015588	.0022660	.3662	.0005921
%RSD	16.38556	13.51096	.8404322	2.891467	159.8792	.3399664	.1404614

#1	.0260801	-.017715	.2328656	.0554903	-.001196	107.3654	.4218030
#2	.0266220	-.021240	.2292160	.0538634	.002619	107.6967	.4208308
#3	.0345964	-.016422	.2299076	.0523737	.002830	108.0967	.4219023

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067632	-.001399	71.60590	.1305063	.1736843	.4021263	252.4154
Stddev	.0000740	.000222	.26824	.0003894	.0003060	.0009073	.3164
%RSD	1.094274	15.85564	.3746114	.2983912	.1762101	.2256342	.1253542

#1	.0068165	-.001652	71.34845	.1300677	.1733348	.4011337	252.0502
#2	.0067945	-.001237	71.58547	.1308114	.1738141	.4023322	252.5877
#3	.0066787	-.001308	71.88377	.1306398	.1739042	.4029129	252.6083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.149167	60.34741	.2578933	.0020241	11.09123	.4042617	.4312052
Stddev	.013733	.07919	.0015947	.0003454	.22764	.0021486	.0013582
%RSD	.3309859	.1312194	.6183431	17.06576	2.052395	.5314965	.3149738

#1	4.138233	60.26079	.2561822	.0016372	11.11719	.4038204	.4311910
#2	4.164581	60.36533	.2581598	.0023015	10.85172	.4065968	.4298542
#3	4.144688	60.41610	.2593380	.0021335	11.30477	.4023681	.4325704

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.627581	10.50992	.1302439	.0029352	5.008849	2.043692	-.006011
Stddev	.093101	.01703	.0026674	.0003493	.012706	.018986	.002469
%RSD	1.079113	.1620290	2.048029	11.89849	.2536639	.9289855	41.07186

#1	8.520093	10.52696	.1273510	.0033083	4.994180	2.065614	-.008584
#2	8.682958	10.50990	.1307746	.0028814	5.016391	2.032691	-.005786
#3	8.679690	10.49291	.1326061	.0026160	5.015976	2.032769	-.003662

Sample Name: K4095-13 Acquired: 08/30/2019 15:28:54 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SU-01-082819 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.340986	.0575873	.1804667
Stddev	.007841	.0005023	.0016110
%RSD	.1468042	.8722304	.8927065

#1	5.332087	.0581486	.1788562
#2	5.343995	.0571802	.1804657
#3	5.346877	.0574330	.1820783

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1893.104	2837.193	41290.24	6856.063	2154.492
Stddev	4.632	4.938	155.85	41.510	3.421
%RSD	.2446869	.1740370	.3774427	.6054501	.1587650

#1	1893.732	2833.885	41190.94	6811.013	2152.466
#2	1888.191	2842.869	41209.93	6864.409	2158.441
#3	1897.391	2834.826	41469.87	6892.765	2152.567

Sample Name: CCV05 Acquired: 08/30/2019 15:32:34 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SU-01-082819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.049490	4.963248	5.004026	5.049230	5.028954	10.03505	10.47034
Stddev	.015184	.003240	.018955	.013965	.012849	.12020	.09194
%RSD	.3007005	.0652843	.3787907	.2765807	.2555024	1.197829	.8781020

#1	5.045206	4.962231	5.015270	5.061359	5.031851	9.90438	10.36603
#2	5.036908	4.960639	4.982142	5.033963	5.014904	10.05984	10.50539
#3	5.066355	4.966875	5.014667	5.052370	5.040107	10.14092	10.53961

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2548310	2.460944	25.85791	.9808122	2.498654	1.247351	5.148078
Stddev	.0011169	.004709	.34799	.0023811	.005706	.007754	.053711
%RSD	.4383041	.1913570	1.345779	.2427722	.2283793	.6216546	1.043330

#1	.2538902	2.462966	25.47146	.9835531	2.500855	1.238743	5.089037
#2	.2545375	2.455562	25.95578	.9796295	2.492175	1.249523	5.161150
#3	.2560654	2.464305	26.14648	.9792539	2.502932	1.253788	5.194046

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.576230	25.43741	2.504564	1.267310	26.17634	2.550532	2.523647
Stddev	.033957	.38056	.004817	.001675	.16905	.032462	.005101
%RSD	1.318092	1.496051	.1923317	.1321317	.6458011	1.272766	.2021389

#1	2.541527	25.02820	2.505297	1.266930	26.33223	2.515973	2.520744
#2	2.577773	25.50331	2.499423	1.269142	26.20012	2.555237	2.529537
#3	2.609388	25.78071	2.508973	1.265858	25.99666	2.580384	2.520659

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.25426	5.199720	5.056483	5.004807	5.067120	5.215581	4.989319
Stddev	.09651	.014293	.025051	.011364	.020740	.029781	.011176
%RSD	.3821362	.2748747	.4954164	.2270649	.4093042	.5709956	.2239990

#1	25.14944	5.211419	5.034588	5.014605	5.091068	5.192495	4.984932
#2	25.27389	5.183790	5.051061	4.992348	5.055012	5.205053	4.981002
#3	25.33944	5.203952	5.083801	5.007466	5.055279	5.249196	5.002022

Sample Name: CCV05 Acquired: 08/30/2019 15:32:34 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SU-01-082819 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.024514	5.203920	4.988648
Stddev	.043258	.072199	.056493
%RSD	.8609337	1.387397	1.132428

#1	4.974620	5.123270	4.925982
#2	5.047414	5.225958	5.004290
#3	5.051507	5.262532	5.035671

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1339.186	2002.295	28958.61	4778.738	2138.171
Stddev	5.439	2.721	109.60	25.604	2.554
%RSD	.4061420	.1359119	.3784804	.5357974	.1194363

#1	1341.142	2000.308	28980.98	4805.224	2137.253
#2	1333.039	2005.397	28839.55	4776.872	2141.057
#3	1343.376	2001.181	29055.31	4754.118	2136.204

Sample Name: CCB05 Acquired: 08/30/2019 15:36:11 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0001235	.0011826	.0019645	.0021479	.0011422	.0012998	.0017995
Stddev	.0013419	.0008534	.0015243	.0016701	.0007042	.0037776	.0000789
%RSD	1086.344	72.16699	77.59425	77.75244	61.64867	290.6273	4.386938

#1	.0012443	.0005736	.0005694	.0017673	.0003604	.0036634	.0018236
#2	.0004896	.0008161	.0035914	.0039754	.0017264	-.003057	.0017113
#3	-.001363	.0021580	.0017326	.0007010	.0013399	.003293	.0018636

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000873	.0001495	-.018820	-.000018	-.000051	.0008507	.0211166
Stddev	.0000649	.0000335	.016166	.000367	.000285	.0009184	.0076189
%RSD	74.34354	22.43725	85.89606	2044.443	555.1310	107.9581	36.08036

#1	.0001260	.0001876	-.036806	.000211	-.000171	.0003624	.0281151
#2	.0000124	.0001366	-.014153	-.000441	-.000256	.0019101	.0130007
#3	.0001233	.0001243	-.005501	.000176	.000274	.0002796	.0222339

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002117	-.009742	.0003545	-.000271	.3384958	-.001124	.0004628
Stddev	.0000877	.013787	.0007009	.000160	.0808013	.001655	.0003364
%RSD	41.45259	141.5127	197.7306	58.96864	23.87069	147.2305	72.69017

#1	.0001105	-.009457	.0011537	-.000092	.3339300	-.002630	.0008363
#2	.0002577	.003899	-.000155	-.000398	.2600742	-.001390	.0001838
#3	.0002668	-.023670	.000065	-.000325	.4214832	.000648	.0003682

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2701328	.0012881	.0067818	.0005644	-.002577	.0165307	.0000103
Stddev	.1152760	.0015002	.0004137	.0000765	.000739	.0018464	.0006481
%RSD	42.67382	116.4640	6.099881	13.56038	28.65780	11.16972	6287.691

#1	.2198279	-.000306	.0068479	.0004806	-.002279	.0186135	.0007568
#2	.1885584	.001499	.0071585	.0006306	-.002034	.0158836	-.000317
#3	.4020120	.002672	.0063391	.0005819	-.003418	.0150949	-.000409

Sample Name: CCB05 Acquired: 08/30/2019 15:36:11 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012437	.0015389	.0003504
Stddev	.0017769	.0014842	.0001463
%RSD	142.8692	96.44908	41.75369

#1	.0022154	.0004768	.0005041
#2	.0023229	.0009051	.0003344
#3	-.000807	.0032348	.0002128

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1366.374	2022.703	29140.66	4821.893	2081.255
Stddev	4.438	6.085	69.95	42.187	1.054
%RSD	.3248076	.3008151	.2400329	.8749116	.0506436

#1	1361.298	2018.063	29137.09	4777.921	2082.332
#2	1369.524	2029.592	29072.56	4825.723	2081.206
#3	1368.300	2020.455	29212.32	4862.034	2080.226

Sample Name: K4095-13DUP Acquired: 08/30/2019 15:40:04 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0264770	-.018269	.2214928	.0531756	.0040942	107.0286	.4192084
Stddev	.0024945	.001875	.0008846	.0019142	.0009915	.7614	.0035880
%RSD	9.421252	10.26381	.3993811	3.599814	24.21807	.7113638	.8559033

#1	.0293566	-.016893	.2221799	.0516572	.0038947	106.3385	.4180617
#2	.0249800	-.017510	.2218037	.0525437	.0032176	106.9019	.4163340
#3	.0250945	-.020405	.2204947	.0553259	.0051703	107.8454	.4232296

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066910	-.001525	74.27975	.1290298	.1760019	.3949724	250.2356
Stddev	.0000522	.000124	.79966	.0007121	.0003375	.0024211	1.4721
%RSD	.7794415	8.103373	1.076546	.5518609	.1917461	.6129808	.5882710

#1	.0067470	-.001417	73.89720	.1291126	.1756462	.3924514	249.2366
#2	.0066824	-.001500	73.74323	.1282799	.1763175	.3972795	249.5440
#3	.0066438	-.001660	75.19882	.1296968	.1760422	.3951861	251.9261

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.168832	60.91307	.2536956	.0016891	10.58110	.3959872	.4199381
Stddev	.033054	.49336	.0010427	.0006614	.20162	.0054719	.0021597
%RSD	.7928871	.8099350	.4109854	39.15475	1.905496	1.381824	.5142841

#1	4.150249	60.56250	.2544047	.0022076	10.49699	.3948489	.4223074
#2	4.149253	60.69948	.2524984	.0009443	10.43515	.3911740	.4180795
#3	4.206996	61.47723	.2541837	.0019154	10.81116	.4019387	.4194275

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.801870	10.83649	.2033714	.0032298	5.281587	1.793431	-.004161
Stddev	.017726	.02503	.0050438	.0001386	.009479	.016833	.002663
%RSD	.2013885	.2309895	2.480091	4.292288	.1794721	.9386032	64.01507

#1	8.804165	10.84236	.1980436	.0032362	5.288124	1.791862	-.001137
#2	8.818337	10.80904	.2039981	.0033651	5.285921	1.777437	-.005185
#3	8.783108	10.85806	.2080726	.0030881	5.270716	1.810993	-.006160

Sample Name: K4095-13DUP Acquired: 08/30/2019 15:40:04 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.240531	.0587579	.1790490
Stddev	.037614	.0006670	.0007475
%RSD	.7177611	1.135087	.4174583

#1	5.210399	.0589048	.1781883
#2	5.228505	.0580297	.1795345
#3	5.282687	.0593391	.1794243

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1907.541	2856.158	41650.02	6819.047	2145.863
Stddev	5.097	4.346	202.50	28.768	2.384
%RSD	.2671810	.1521626	.4861976	.4218804	.1111126

#1	1903.077	2858.010	41427.43	6809.936	2144.851
#2	1906.452	2851.193	41699.29	6851.267	2144.152
#3	1913.094	2859.272	41823.35	6795.937	2148.587

Sample Name: K4095-13LX5 Acquired: 08/30/2019 15:43:47 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0116456	-.001506	.0454610	.0148129	.0017981	27.38143	.1101126
Stddev	.0015649	.000781	.0028948	.0009843	.0006024	.29705	.0016315
%RSD	13.43773	51.85920	6.367628	6.644613	33.50129	1.084845	1.481694

#1	.0103770	-.001768	.0484011	.0143794	.0013506	27.03931	.1082591
#2	.0111655	-.002122	.0426138	.0141199	.0024830	27.53127	.1113311
#3	.0133943	-.000628	.0453681	.0159395	.0015606	27.57372	.1107477

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017876	-.000832	19.17050	.0352393	.0338702	.1054258	66.25471
Stddev	.0000611	.000051	.32083	.0006381	.0005863	.0024046	.95791
%RSD	3.417783	6.093912	1.673571	1.810848	1.731001	2.280803	1.445799

#1	.0017174	-.000786	18.81497	.0355074	.0344654	.1043010	65.15019
#2	.0018283	-.000822	19.43845	.0356996	.0332933	.1081866	66.75580
#3	.0018172	-.000886	19.25808	.0345108	.0338520	.1037897	66.85813

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.101782	15.67906	.0512638	.0003128	3.169423	.1035127	.1147224
Stddev	.017626	.17757	.0005532	.0002462	.137168	.0013062	.0020736
%RSD	1.599762	1.132503	1.079185	78.71640	4.327839	1.261897	1.807494

#1	1.081452	15.47792	.0511289	.0003574	3.151256	.1026762	.1165713
#2	1.112785	15.81407	.0518720	.0005337	3.042244	.1050178	.1151155
#3	1.111108	15.74519	.0507905	.0000473	3.314769	.1028439	.1124804

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.387011	2.276548	.0537293	.0005357	1.065036	.5120569	-.002051
Stddev	.088259	.001588	.0014140	.0003573	.004957	.0108556	.001864
%RSD	3.697450	.0697571	2.631634	66.69898	.4654647	2.119993	90.84478

#1	2.288775	2.276867	.0521600	.0004706	1.062944	.5059680	-.003219
#2	2.412637	2.277952	.0541239	.0002154	1.061468	.5245902	-.003033
#3	2.459620	2.274825	.0549041	.0009210	1.070697	.5056126	.000098

Sample Name: K4095-13LX5 Acquired: 08/30/2019 15:43:47 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.377853	.0143153	.0465463
Stddev	.016737	.0009264	.0002199
%RSD	1.214702	6.471128	.4724584

#1	1.358547	.0132472	.0462924
#2	1.386741	.0149004	.0466775
#3	1.388271	.0147982	.0466690

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1459.655	2203.224	31297.20	5239.950	2136.373
Stddev	13.182	1.081	128.72	15.890	3.214
%RSD	.9031076	.0490861	.4112928	.3032386	.1504592

#1	1450.181	2202.944	31210.70	5258.197	2132.662
#2	1454.074	2204.418	31235.78	5229.166	2138.314
#3	1474.709	2202.310	31445.13	5232.486	2138.142

Sample Name: K4095-13MS Acquired: 08/30/2019 15:49:50 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SU-01-082819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4970101	1.991820	1.274637	1.130696	.1158221	102.7669	.5120844
Stddev	.0018510	.003257	.001926	.002394	.0010302	.4507	.0012882
%RSD	.3724248	.1635433	.1511277	.2117480	.8894490	.4385880	.2515532

#1	.4988866	1.989263	1.274552	1.131439	.1169407	102.2699	.5114696
#2	.4951857	1.995488	1.272754	1.128018	.1156132	103.1491	.5135648
#3	.4969579	1.990710	1.276604	1.132630	.1149123	102.8817	.5112189

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1240733	.1835222	64.33973	.3510681	.3677027	.5200613	225.7965
Stddev	.0006610	.0001170	.22714	.0015420	.0005861	.0040685	1.1907
%RSD	.5327340	.0637251	.3530301	.4392267	.1593944	.7823151	.5273445

#1	.1240929	.1836552	64.19908	.3525851	.3671063	.5160038	224.5724
#2	.1247243	.1834356	64.60177	.3495023	.3677239	.5241407	226.9508
#3	.1234027	.1834756	64.21833	.3511170	.3682779	.5200393	225.8663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.669172	51.75755	.7652814	.0446535	11.13407	.5301834	.4794744
Stddev	.014695	.23029	.0010936	.0005042	.06656	.0046033	.0038896
%RSD	.4005023	.4449388	.1429025	1.129039	.5978494	.8682530	.8112251

#1	3.656207	51.50768	.7640187	.0452319	11.07788	.5250390	.4837290
#2	3.685135	51.96126	.7659018	.0443075	11.11674	.5339139	.4761009
#3	3.666172	51.80373	.7659237	.0444210	11.20758	.5315974	.4785933

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.31965	18.63464	.1681857	.2212932	5.599284	1.286811	.6426231
Stddev	.05686	.09958	.0019498	.0007519	.008492	.005766	.0069692
%RSD	.4268770	.5344073	1.159301	.3397707	.1516608	.4480651	1.084497

#1	13.28746	18.55624	.1659354	.2217080	5.602408	1.286258	.6441771
#2	13.28620	18.60100	.1692500	.2217463	5.589673	1.292834	.6486842
#3	13.38530	18.74669	.1693718	.2204253	5.605772	1.281342	.6350081

Sample Name: K4095-13MS Acquired: 08/30/2019 15:49:50 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SU-01-082819 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.871051	.1190502	.2918231
Stddev	.020926	.0002761	.0012345
%RSD	.4296055	.2318862	.4230162

#1	4.850631	.1188701	.2904846
#2	4.892449	.1193680	.2920677
#3	4.870072	.1189125	.2929169

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2210.832	3335.622	48459.97	7950.547	2144.227
Stddev	11.971	10.441	228.72	34.562	4.963
%RSD	.5414785	.3130153	.4719847	.4347128	.2314717

#1	2198.998	3325.144	48198.88	7936.345	2139.813
#2	2222.935	3335.697	48624.97	7925.348	2143.267
#3	2210.563	3346.025	48556.07	7989.947	2149.600

Sample Name: K4095-13MSD Acquired: 08/30/2019 15:53:25 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SU-01-082819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4854301	1.986487	1.297770	1.092735	.1118795	99.26887	.5005090
Stddev	.0033649	.005604	.006807	.004836	.0002305	.30990	.0014022
%RSD	.6931904	.2820838	.5244857	.4425981	.2060009	.3121839	.2801602

#1	.4820016	1.992862	1.292680	1.091448	.1120200	98.93711	.4989281
#2	.4887277	1.984260	1.305502	1.098084	.1116135	99.55089	.5009965
#3	.4855610	1.982339	1.295130	1.088672	.1120050	99.31861	.5016024

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1212213	.1839728	63.31391	.3376541	.3671299	.5008890	217.4387
Stddev	.0002123	.0005616	.12024	.0012926	.0012203	.0005356	.3308
%RSD	.1751411	.3052565	.1899151	.3828109	.3323884	.1069322	.1521249

#1	.1211564	.1834207	63.17608	.3363164	.3657316	.5014243	217.0892
#2	.1214585	.1845435	63.36835	.3388963	.3679795	.5003531	217.7468
#3	.1210490	.1839542	63.39730	.3377495	.3676787	.5008895	217.4802

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.557037	50.11006	.7612845	.0424210	10.86099	.5188484	.4580434
Stddev	.004180	.16724	.0012069	.0004525	.12856	.0017865	.0020340
%RSD	.1175273	.3337469	.1585404	1.066787	1.183692	.3443286	.4440736

#1	3.553694	49.91710	.7600455	.0428267	10.77930	.5168728	.4603915
#2	3.561724	50.19998	.7624567	.0425035	10.79449	.5203504	.4568232
#3	3.555692	50.21311	.7613512	.0419329	11.00918	.5193221	.4569156

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.94911	18.98561	.1571467	.2136271	5.360232	1.288978	.6384266
Stddev	.08033	.04400	.0017028	.0002980	.002975	.009196	.0049917
%RSD	.6203869	.2317692	1.083547	.1394732	.0555036	.7134364	.7818827

#1	12.85947	19.03236	.1557810	.2137940	5.357976	1.286613	.6376526
#2	12.97325	18.94500	.1566047	.2132832	5.363604	1.299125	.6437602
#3	13.01460	18.97948	.1590545	.2138043	5.359117	1.281195	.6338671

Sample Name: K4095-13MSD Acquired: 08/30/2019 15:53:25 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SU-01-082819 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.686394	.1172320	.2831229
Stddev	.010443	.0004529	.0005622
%RSD	.2228282	.3863620	.1985808

#1	4.689038	.1176987	.2825090
#2	4.695260	.1172031	.2836128
#3	4.674883	.1167942	.2832468

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2305.970	3441.747	50399.14	8156.683	2138.708
Stddev	16.534	13.848	142.59	17.053	5.929
%RSD	.7169933	.4023589	.2829247	.2090697	.2772201

#1	2290.208	3447.616	50234.76	8137.036	2140.259
#2	2323.180	3425.931	50489.56	8165.357	2132.157
#3	2304.521	3451.695	50473.10	8167.655	2143.706

Sample Name: K4095-13A Acquired: 08/30/2019 15:57:00 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.4828223	1.979828	1.289796	1.078393	.1094376	98.45023	.4959249
Stddev	.0015952	.011175	.004770	.002881	.0006241	.89949	.0076370
%RSD	.3303823	.5644559	.3698633	.2671649	.5702616	.9136481	1.539955

#1	.4814216	1.985636	1.285518	1.081256	.1099855	97.41773	.4874456
#2	.4824867	1.986903	1.294940	1.075494	.1095689	99.06414	.5022622
#3	.4845585	1.966944	1.288930	1.078429	.1087583	98.86881	.4980669

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1203290	.1823732	63.15195	.3349898	.3650042	.4929120	215.6564
Stddev	.0017952	.0002014	1.22705	.0021461	.0008285	.0015524	2.4602
%RSD	1.491918	.1104486	1.943007	.6406574	.2269755	.3149529	1.140793

#1	.1185425	.1823758	61.75350	.3352367	.3643393	.4935256	212.8430
#2	.1221328	.1825733	64.04843	.3370018	.3647409	.4911465	217.4041
#3	.1203118	.1821705	63.65391	.3327309	.3659323	.4940639	216.7221

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.508730	49.82384	.7578816	.0421844	10.99590	.5125728	.4610894
Stddev	.051988	.56728	.0010857	.0002292	.12864	.0059748	.0007321
%RSD	1.481672	1.138576	.1432516	.5432739	1.169928	1.165640	.1587739

#1	3.450068	49.19745	.7581512	.0419252	10.98789	.5065789	.4610022
#2	3.549098	50.30298	.7566866	.0422681	10.87145	.5185282	.4604048
#3	3.527025	49.97109	.7588071	.0423600	11.12836	.5126113	.4618611

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.89673	19.06533	.1570457	.2117975	5.276661	1.281145	.6381430
Stddev	.07025	.03736	.0023678	.0010480	.009010	.021112	.0043118
%RSD	.5447270	.1959788	1.507717	.4947950	.1707519	1.647938	.6756766

#1	12.82168	19.10361	.1543346	.2130075	5.281368	1.262397	.6334211
#2	12.90762	19.06343	.1580942	.2111891	5.282343	1.304014	.6391366
#3	12.96091	19.02896	.1587081	.2111957	5.266273	1.277024	.6418712

Sample Name: K4095-13A Acquired: 08/30/2019 15:57:00 Type: Unk
 Method: NON EPA-6010-200.7(v160) 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	4.622565	.1178511	.2821196
Stddev	.031274	.0030982	.0016702
%RSD	.6765535	2.628940	.5920023

#1	4.588049	.1143884	.2802283
#2	4.649019	.1203611	.2827388
#3	4.630626	.1188038	.2833918

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2301.472	3460.154	50491.33	8169.868	2140.341
Stddev	13.110	4.418	57.72	95.324	3.277
%RSD	.5696522	.1276773	.1143093	1.166773	.1530994

#1	2298.199	3458.122	50440.17	8269.864	2141.329
#2	2315.909	3465.222	50479.94	8080.031	2143.010
#3	2290.309	3457.117	50553.90	8159.708	2136.684

Sample Name: K4543-04 Acquired: 08/30/2019 16:00:35 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0046758	.0015042	.0015014	.0033507	.0006366	.0274354	.2917720
Stddev	.0040266	.0025557	.0012672	.0019080	.0014035	.0048878	.0056051
%RSD	86.11635	169.8977	84.39691	56.94216	220.4796	17.81549	1.921069

#1	.0082628	-.000708	.0017790	.0054995	.0002548	.0254902	.2861919
#2	.0054442	.000919	.0001185	.0018553	-.000537	.0329963	.2974019
#3	.0003203	.004302	.0026068	.0026973	.002191	.0238198	.2917223

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000650	-.000046	11.28079	.0003638	-.000115	.0037894	.0316924
Stddev	.0000810	.000042	.20727	.0001997	.000135	.0016079	.0053678
%RSD	124.6080	90.58384	1.837373	54.89398	117.4647	42.43100	16.93726

#1	.0000175	-.000082	11.07559	.0005662	-.000138	.0049010	.0378879
#2	.0001584	-.000057	11.49007	.0003584	.000030	.0045215	.0287529
#3	.0000190	-.000000	11.27673	.0001669	-.000237	.0019458	.0284363

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0390911	1.343169	.0008180	.0000198	274.6588	-.002321	.2232581
Stddev	.0007287	.031362	.0005789	.0001311	3.5049	.001433	.0014099
%RSD	1.864095	2.334961	70.77627	661.1700	1.276098	61.75230	.6314995

#1	.0387034	1.312040	.0014309	.0001712	270.9889	-.003539	.2239673
#2	.0399317	1.342707	.0007428	-.000060	277.9713	-.002683	.2241727
#3	.0386382	1.374760	.0002803	-.000052	275.0163	-.000742	.2216345

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.040883	.0479166	.1175715	.0000526	.9785038	.4547881	.0004476
Stddev	.066136	.0017799	.0021030	.0003075	.0042997	.0057128	.0008940
%RSD	6.353805	3.714661	1.788715	584.2531	.4394209	1.256153	199.7298

#1	1.085542	.0486953	.1168572	.0003833	.9743976	.4484959	.0005982
#2	1.072201	.0458800	.1199387	-.000225	.9781399	.4596497	.0012567
#3	.964906	.0491744	.1159188	-.000001	.9829740	.4562187	-.000512

Sample Name: K4543-04 Acquired: 08/30/2019 16:00:35 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013675	-.000208	.0651547
Stddev	.0010980	.000729	.0001996
%RSD	80.29532	349.6449	.3063606

#1	.0025146	-.000923	.0649261
#2	.0012615	-.000234	.0652940
#3	.0003263	.000533	.0652442

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1388.296	2078.990	29734.41	4905.171	2246.161
Stddev	5.280	9.773	92.69	38.684	9.633
%RSD	.3803385	.4700947	.3117105	.7886407	.4288736

#1	1393.078	2086.198	29836.72	4939.398	2253.249
#2	1382.629	2082.905	29710.44	4863.201	2250.040
#3	1389.181	2067.866	29656.06	4912.915	2235.193

Sample Name: K4095-13LREX5 Acquired: 08/30/2019 16:06:12 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0105345	.0027861	.0442413	.0142598	.0033607	27.22994	.1091780
Stddev	.0007378	.0007090	.0006374	.0010262	.0005721	.14335	.0006817
%RSD	7.004031	25.44686	1.440662	7.196546	17.02324	.5264528	.6244303

#1	.0108283	.0027769	.0449457	.0154405	.0027755	27.06589	.1091539
#2	.0110802	.0034997	.0437044	.0137563	.0033878	27.29289	.1098715
#3	.0096950	.0020818	.0440740	.0135825	.0039187	27.33106	.1085087

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017873	-.000836	19.00328	.0353238	.0336941	.1048794	65.94122
Stddev	.0000352	.000063	.07855	.0004715	.0003557	.0020337	.17847
%RSD	1.970499	7.521645	.4133568	1.334890	1.055542	1.939090	.2706554

#1	.0017473	-.000838	19.08419	.0347813	.0340863	.1025337	65.75110
#2	.0018138	-.000898	18.99832	.0356352	.0336035	.1059561	65.96738
#3	.0018007	-.000772	18.92732	.0355548	.0333925	.1061483	66.10516

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.086973	15.67627	.0511438	.0001231	3.337706	.1043101	.1135263
Stddev	.001701	.10134	.0002026	.0003138	.040875	.0014591	.0006100
%RSD	.1564548	.6464237	.3961911	254.9702	1.224641	1.398788	.5372725

#1	1.087150	15.59156	.0513777	.0003151	3.309222	.1059029	.1131859
#2	1.085191	15.64874	.0510248	-.000239	3.384541	.1039890	.1142305
#3	1.088578	15.78853	.0510288	.000293	3.319357	.1030383	.1131625

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.355179	2.276067	.0515651	.0011548	1.060549	.5029638	-.003161
Stddev	.054504	.007167	.0016853	.0001186	.002108	.0112468	.002377
%RSD	2.314213	.3148987	3.268351	10.26883	.1987971	2.236101	75.19579

#1	2.370360	2.278497	.0498928	.0012848	1.059220	.5153443	-.005863
#2	2.294693	2.268001	.0515393	.0010526	1.059448	.5001695	-.002222
#3	2.400482	2.281704	.0532632	.0011269	1.062980	.4933776	-.001397

Sample Name: K4095-13LREX5 Acquired: 08/30/2019 16:06:12 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.369226	.0158412	.0462272
Stddev	.005893	.0008479	.0002907
%RSD	.4304138	5.352190	.6287803

#1	1.362716	.0166871	.0459109
#2	1.374197	.0158451	.0462880
#3	1.370766	.0149914	.0464827

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1466.444	2181.288	31638.76	5219.161	2121.095
Stddev	4.001	6.037	25.39	79.442	3.752
%RSD	.2728199	.2767763	.0802488	1.522114	.1768695

#1	1468.895	2179.963	31663.94	5133.908	2116.882
#2	1461.827	2187.878	31639.17	5232.464	2124.074
#3	1468.610	2176.023	31613.16	5291.111	2122.329

Sample Name: K4543-08 Acquired: 08/30/2019 16:10:01 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0058870	.0006372	-.000034	.0030705	.0014673	.0240210	.2935199
Stddev	.0037969	.0018739	.000741	.0009448	.0019802	.0067516	.0044374
%RSD	64.49763	294.0789	2155.167	30.77208	134.9554	28.10725	1.511778

#1	.0015030	.0027838	-.000735	.0036149	-.000492	.0309646	.2937569
#2	.0080328	-.000672	.000742	.0019794	.003468	.0236191	.2889688
#3	.0081252	-.000201	-.000109	.0036170	.001426	.0174792	.2978340

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001586	.0000300	5.129326	.0003250	.0001568	.0014527	.0132564
Stddev	.0000635	.0000636	.093159	.0004051	.0003040	.0015496	.0011245
%RSD	40.04203	211.5288	1.816197	124.6489	193.9139	106.6710	8.482676

#1	.0002213	.0000491	5.105912	.0007537	.0003835	-.000186	.0142507
#2	.0000944	.0000819	5.050108	.0002726	-.000189	.002894	.0120360
#3	.0001600	-.000041	5.231958	-.000051	.000275	.001651	.0134826

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0496734	.8649503	.0016320	-.000294	275.0251	-.001692	.2349337
Stddev	.0013224	.0466440	.0002815	.000288	3.7032	.001693	.0007940
%RSD	2.662115	5.392681	17.24668	97.76766	1.346490	100.0683	.3379597

#1	.0490235	.8745021	.0019479	-.000428	274.0342	-.003647	.2358298
#2	.0488017	.8142698	.0014078	-.000491	271.9182	-.000706	.2343176
#3	.0511949	.9060791	.0015404	.000036	279.1229	-.000723	.2346539

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9135937	.0067913	.1116353	.0000115	.8814092	.2584656	.0015621
Stddev	.0647773	.0015595	.0021550	.0003410	.0015693	.0069970	.0010093
%RSD	7.090389	22.96271	1.930352	2961.530	.1780448	2.707147	64.60971

#1	.8550468	.0065001	.1122816	.0003504	.8800396	.2656658	.0004552
#2	.9025522	.0084758	.1092312	-.000331	.8810665	.2516912	.0024313
#3	.9831822	.0053979	.1133932	.000016	.8831216	.2580397	.0017999

Sample Name: K4543-08 Acquired: 08/30/2019 16:10:01 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010197	-.001454	.0312767
Stddev	.0009991	.000987	.0003688
%RSD	97.97517	67.88328	1.179269

#1	.0005472	-.002272	.0308957
#2	.0003445	-.001731	.0313024
#3	.0021674	-.000358	.0316320

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1379.529	2071.786	29556.33	4850.730	2237.772
Stddev	11.710	4.937	328.64	63.541	5.504
%RSD	.8488492	.2383022	1.111899	1.309935	.2459448

#1	1385.720	2077.298	29729.74	4796.684	2243.653
#2	1366.022	2070.289	29177.31	4920.727	2236.916
#3	1386.843	2067.770	29761.93	4834.779	2232.746

Sample Name: K4543-12 Acquired: 08/30/2019 16:13:51 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0055274	-.001639	.0024436	.0018134	.0015972	.0291119	.2971391
Stddev	.0014432	.004264	.0010297	.0028493	.0006225	.0012469	.0026279
%RSD	26.10953	260.1468	42.14034	157.1249	38.97535	4.282976	.8844019

#1	.0068694	.002996	.0021990	-.001460	.0023149	.0297421	.2984904
#2	.0040008	-.002518	.0015581	.003734	.0012732	.0299179	.2988163
#3	.0057119	-.005395	.0035735	.003166	.0012035	.0276758	.2941105

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000828	.0000242	5.501154	.0002710	-.000257	.0035936	.0085749
Stddev	.0000394	.0001303	.048389	.0003933	.000017	.0024786	.0012168
%RSD	47.60368	539.4895	.8796145	145.1260	6.714962	68.97229	14.18994

#1	.0000444	.0000036	5.509992	.0006263	-.000269	.0041291	.0097475
#2	.0001231	.0001635	5.544515	-.000152	-.000237	.0057606	.0086588
#3	.0000808	-.000095	5.448956	.000338	-.000264	.0008910	.0073183

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042316	.3992173	.0011653	.0000899	272.7344	-.002335	.1988896
Stddev	.0003425	.0346915	.0008375	.0001899	1.8537	.003582	.0007674
%RSD	8.092909	8.689882	71.86767	211.2607	.6796771	153.4378	.3858577

#1	.0039794	.4272681	.0019783	.0001612	273.0748	-.005742	.1985677
#2	.0046215	.4099581	.0003054	.0002337	274.3944	.001400	.1983355
#3	.0040939	.3604257	.0012120	-.000125	270.7341	-.002662	.1997655

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8469997	.0077764	.0842290	.0000561	.7031176	.2107018	.0003069
Stddev	.1040760	.0022176	.0013036	.0000983	.0030053	.0023726	.0010767
%RSD	12.28761	28.51641	1.547631	175.0401	.4274215	1.126023	350.8548

#1	.7335616	.0086754	.0841922	-.000052	.7065856	.2081558	.0010955
#2	.8693578	.0094033	.0855505	.000140	.7012760	.2128508	.0007449
#3	.9380796	.0052505	.0829442	.000081	.7014912	.2110988	-.000920

Sample Name: K4543-12 Acquired: 08/30/2019 16:13:51 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007508	.0010784	.0590904
Stddev	.0004976	.0008421	.0005065
%RSD	66.28007	78.08091	.8572057

#1	.0002709	.0001463	.0585360
#2	.0012644	.0017840	.0595289
#3	.0007170	.0013051	.0592062

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1379.727	2065.113	29563.33	4864.417	2227.641
Stddev	7.575	3.139	128.62	24.739	8.451
%RSD	.5490500	.1519874	.4350792	.5085796	.3793615

#1	1376.230	2061.556	29416.92	4865.380	2220.398
#2	1388.419	2067.492	29614.94	4839.211	2236.926
#3	1374.532	2066.291	29658.13	4888.662	2225.599

Sample Name: K4543-16 Acquired: 08/30/2019 16:17:41 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0066847	.0023808	.0025258	.0034810	.0009162	.0605538	.2823595
Stddev	.0020478	.0027655	.0011130	.0004993	.0010069	.0037784	.0028661
%RSD	30.63333	116.1570	44.06595	14.34474	109.8938	6.239720	1.015064

#1	.0046405	.0007073	.0034036	.0037051	.0009821	.0627077	.2790899
#2	.0087360	.0008623	.0029000	.0038290	-.000122	.0627627	.2835500
#3	.0066776	.0055729	.0012739	.0029088	.001889	.0561910	.2844384

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001053	.0000673	1.248062	.0003551	.0006446	.0020046	.0040188
Stddev	.0000401	.0000697	.024401	.0006046	.0002193	.0007754	.0024353
%RSD	38.07394	103.6145	1.955137	170.2366	34.02287	38.67939	60.59830

#1	.0001444	.0001271	1.220166	.0010099	.0005639	.0026961	.0041025
#2	.0000643	.0000840	1.258578	-.000182	.0008927	.0011664	.0015427
#3	.0001074	-.000009	1.265443	.000237	.0004770	.0021512	.0064111

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0241408	.2226158	.0031007	-.000184	283.8283	-.000303	.1929779
Stddev	.0002070	.0247537	.0005712	.000203	2.7631	.002345	.0006764
%RSD	.8575973	11.11948	18.42250	110.4619	.9735146	773.5850	.3505251

#1	.0239995	.2272782	.0026563	-.000049	281.1992	.002405	.1923114
#2	.0240443	.1958624	.0029008	-.000417	283.5774	-.001699	.1929582
#3	.0243784	.2447068	.0037450	-.000086	286.7083	-.001616	.1936639

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7255921	.0149337	.0885023	-.000159	.7331268	.1443546	.0012383
Stddev	.0703636	.0012376	.0007640	.000168	.0016046	.0006290	.0022728
%RSD	9.697408	8.287501	.8632547	105.5168	.2188726	.4357500	183.5396

#1	.6608810	.0160878	.0887761	-.000016	.7325636	.1450549	-.000949
#2	.8004964	.0150866	.0876391	-.000344	.7318797	.1441714	.001076
#3	.7153988	.0136267	.0890917	-.000117	.7349371	.1438375	.003588

Sample Name: K4543-16 Acquired: 08/30/2019 16:17:41 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014344	.0018111	.0098633
Stddev	.0003233	.0014382	.0001072
%RSD	22.53766	79.40703	1.086562

#1	.0010766	.0002121	.0097583
#2	.0017054	.0022226	.0099725
#3	.0015212	.0029987	.0098589

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1383.096	2066.417	29440.01	4826.526	2234.381
Stddev	14.098	4.886	227.86	44.973	4.465
%RSD	1.019272	.2364564	.7739657	.9317924	.1998181

#1	1397.350	2063.632	29500.62	4844.198	2236.919
#2	1382.778	2072.058	29631.44	4859.980	2236.998
#3	1369.160	2063.560	29187.98	4775.401	2229.226

Sample Name: CCV06 Acquired: 08/30/2019 16:21:33 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	5.064565	4.970578	4.980329	4.998696	5.054305	9.977890	10.43805
Stddev	.006608	.002142	.011904	.000224	.010219	.005047	.06542
%RSD	.1304847	.0430923	.2390191	.0044736	.2021878	.0505781	.6267521

#1	5.065322	4.968923	4.993675	4.998617	5.051745	9.983524	10.51346
#2	5.070762	4.969813	4.970805	4.998948	5.065561	9.973783	10.40413
#3	5.057610	4.972997	4.976508	4.998522	5.045609	9.976364	10.39655

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2540235	2.434705	25.66514	.9815203	2.484656	1.237677	5.096869
Stddev	.0042794	.004889	.22531	.0056488	.003138	.004343	.016833
%RSD	1.684661	.2008010	.8778708	.5755165	.1262978	.3508619	.3302694

#1	.2588699	2.440208	25.91746	.9829910	2.488261	1.234635	5.115559
#2	.2507647	2.430863	25.48409	.9752816	2.482533	1.242650	5.092148
#3	.2524360	2.433045	25.59385	.9862883	2.483175	1.235745	5.082900

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.556680	25.32463	2.488216	1.259920	26.14905	2.521925	2.508389
Stddev	.016716	.02809	.003154	.007447	.10304	.002642	.008699
%RSD	.6538266	.1109182	.1267403	.5910878	.3940607	.1047629	.3467976

#1	2.574796	25.29410	2.491540	1.263323	26.24082	2.519863	2.503078
#2	2.541853	25.33040	2.487841	1.251379	26.03758	2.521009	2.518428
#3	2.553390	25.34938	2.485266	1.265058	26.16877	2.524903	2.503661

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.18330	5.236515	5.028600	4.998282	5.013022	5.124992	4.990283
Stddev	.07660	.012885	.082702	.004560	.012139	.068812	.005591
%RSD	.3041614	.2460572	1.644623	.0912372	.2421475	1.342682	.1120424

#1	25.15987	5.230632	5.121914	4.995281	5.026884	5.199109	4.990018
#2	25.26887	5.227621	4.964367	5.003529	5.007887	5.063130	4.984830
#3	25.12114	5.251291	4.999519	4.996035	5.004294	5.112738	4.996003

Sample Name: CCV06 Acquired: 08/30/2019 16:21:33 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.980833	5.179083	4.896564
Stddev	.009030	.066001	.079564
%RSD	.1812962	1.274375	1.624894

#1	4.984448	5.255166	4.812602
#2	4.970555	5.137208	4.970844
#3	4.987495	5.144876	4.906247

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1331.799	1990.703	28813.59	4740.277	2128.009
Stddev	6.184	4.251	136.03	80.417	4.585
%RSD	.4643141	.2135677	.4721041	1.696462	.2154488

#1	1330.561	1989.386	28696.26	4647.691	2123.897
#2	1326.327	1987.266	28962.70	4792.721	2127.178
#3	1338.508	1995.457	28781.82	4780.418	2132.953

Sample Name: CCB06 Acquired: 08/30/2019 16:25:12 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0019790	-.002637	.0022651	.0012020	.0004913	.0006719	.0018706
Stddev	.0024751	.000797	.0013975	.0021100	.0005483	.0088771	.0000383
%RSD	125.0662	30.20604	61.69741	175.5389	111.5853	1321.253	2.045109

#1	.0010335	-.002144	.0035700	.0007875	.0010057	.0102774	.0018616
#2	.0001161	-.003556	.0024347	.0034885	-.000085	-.007230	.0019126
#3	.0047875	-.002211	.0007905	-.000670	.000554	-.001032	.0018376

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000229	.0000756	-.011590	.0000871	.0002758	.0015383	.0119462
Stddev	.0000314	.0000668	.007315	.0002274	.0003075	.0015669	.0019433
%RSD	136.9407	88.41179	63.10951	260.9718	111.4851	101.8578	16.26694

#1	.0000210	.0001528	-.019263	-.000004	.0004188	.0020911	.0098505
#2	.0000552	.0000380	-.004696	-.000081	-.000077	-.000230	.0122994
#3	-.000007	.0000360	-.010813	.000346	.000486	.002754	.0136886

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001218	-.003401	.0001646	.0001215	.3893676	-.004634	-.000010
Stddev	.0003579	.025037	.0000786	.0002703	.2103073	.001429	.000064
%RSD	293.7368	736.2050	47.77246	222.5609	54.01254	30.82628	622.0322

#1	-.000286	-.005526	.0000841	.0004324	.4927255	-.006278	-.000028
#2	.000382	.022631	.0001685	-.000010	.1473809	-.003690	.000061
#3	.000270	-.027308	.0002412	-.000058	.5279964	-.003934	-.000064

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3015966	.0004824	.0069827	.0009039	-.005712	.0063685	-.000686
Stddev	.0314872	.0002233	.0008072	.0000754	.000710	.0011550	.001841
%RSD	10.44016	46.28449	11.56036	8.339848	12.42390	18.13617	268.5701

#1	.2849640	.0003707	.0065064	.0009786	-.006221	.0061836	-.000887
#2	.3379122	.0007395	.0079147	.0008279	-.006014	.0076047	.001248
#3	.2819137	.0003370	.0065269	.0009052	-.004902	.0053170	-.002418

Sample Name: CCB06 Acquired: 08/30/2019 16:25:12 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005517	.0022217	.0002185
Stddev	.0008217	.0006080	.0001164
%RSD	148.9448	27.36795	53.26449

#1	.0009206	.0028957	.0003517
#2	.0011242	.0020551	.0001367
#3	-.000390	.0017144	.0001670

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1358.767	2001.042	28846.39	4730.679	2067.500
Stddev	10.328	3.599	240.96	23.563	.395
%RSD	.7600722	.1798407	.8353122	.4980961	.0191216

#1	1368.983	1997.304	29024.11	4709.848	2067.413
#2	1348.331	2004.483	28572.13	4756.253	2067.932
#3	1358.988	2001.339	28942.94	4725.936	2067.156

Sample Name: K4543-18 Acquired: 08/30/2019 16:29:05 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0069809	.0025522	.0047657	.0047587	.0013031	4.831395	.0290898
Stddev	.0041832	.0006512	.0013001	.0005033	.0018652	.018378	.0006038
%RSD	59.92304	25.51413	27.28050	10.57632	143.1368	.3803788	2.075689

#1	.0039875	.0019669	.0061699	.0052846	.0027600	4.817257	.0286150
#2	.0051945	.0032536	.0036036	.0042815	-.000799	4.824759	.0297694
#3	.0117607	.0024361	.0045236	.0047102	.001948	4.852169	.0288850

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000186	-.000028	.6751504	.0015241	.0002458	.0221662	.4078802
Stddev	.0000529	.000050	.0108785	.0002535	.0002780	.0036954	.0071088
%RSD	284.4682	179.9068	1.611274	16.62931	113.0753	16.67123	1.742871

#1	-.000013	-.000006	.6636941	.0017916	.0005282	.0197461	.4132239
#2	.000080	.000007	.6764168	.0012875	.0002367	.0203327	.4106046
#3	-.000011	-.000084	.6853403	.0014933	-.000027	.0264198	.3998121

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029618	.0653701	.0000194	-.000128	194.3691	.0170187	.0516339
Stddev	.0001720	.0156158	.0007996	.000330	1.3957	.0012381	.0001818
%RSD	5.805995	23.88834	4120.404	257.0387	.7180508	7.275040	.3520193

#1	.0028345	.0526806	.0008884	-.000002	192.9628	.0178867	.0514943
#2	.0031574	.0828093	-.000685	.000120	195.7539	.0175686	.0518394
#3	.0028936	.0606205	-.000145	-.000503	194.3906	.0156009	.0515680

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9247526	.5990393	.0829997	.0010708	3.149075	2.093571	-.001503
Stddev	.0618710	.0056729	.0005588	.0003888	.012288	.008532	.001173
%RSD	6.690545	.9469996	.6732022	36.30871	.3902189	.4075137	78.04401

#1	.9355777	.6046395	.0832843	.0013690	3.162948	2.102850	-.002067
#2	.9804966	.5932964	.0833588	.0006311	3.144722	2.091799	-.000155
#3	.8581834	.5991820	.0823559	.0012122	3.139556	2.086065	-.002288

Sample Name: K4543-18 Acquired: 08/30/2019 16:29:05 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0103729	-.001289	.0030352
Stddev	.0005787	.000993	.0000915
%RSD	5.578445	77.02855	3.014329

#1	.0107476	-.002379	.0029389
#2	.0106648	-.000435	.0030459
#3	.0097065	-.001055	.0031209

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1376.094	2068.227	29317.04	4796.160	2219.118
Stddev	6.271	4.832	135.09	34.976	3.940
%RSD	.4556785	.2336375	.4607932	.7292512	.1775623

#1	1369.262	2065.831	29467.27	4755.948	2215.883
#2	1381.586	2073.789	29205.56	4813.017	2223.506
#3	1377.435	2065.061	29278.28	4819.515	2217.966

Sample Name: K4571-03 Acquired: 08/30/2019 16:37:03 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0019185	-.000846	.0102778	.0019199	.0012739	.0421347	.1304436
Stddev	.0005610	.000639	.0006885	.0003352	.0007678	.0037675	.0055419
%RSD	29.23984	75.51881	6.699121	17.46050	60.26929	8.941594	4.248513

#1	.0023228	-.001090	.0095207	.0015610	.0009985	.0405880	.1267318
#2	.0021548	-.000121	.0108664	.0022249	.0006819	.0393866	.1368139
#3	.0012781	-.001326	.0104462	.0019738	.0021415	.0464293	.1277852

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000001	.0001220	7.916318	.0005157	.0003772	.0018353	-.002445
Stddev	.000067	.0000435	.405126	.0002871	.0003600	.0017761	.006074
%RSD	4546.655	35.65561	5.117609	55.65891	95.44746	96.77546	248.4419

#1	.000020	.0000867	7.570838	.0004369	.0007881	-.000212	-.009419
#2	-.000077	.0001086	8.362206	.0008340	.0002267	.002749	.000401
#3	.000052	.0001706	7.815910	.0002763	.0001169	.002968	.001684

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0590891	1.287224	.0023342	-.000287	296.6701	-.000646	.2071201
Stddev	.0030204	.079672	.0003249	.000096	13.8940	.000385	.0009784
%RSD	5.111541	6.189408	13.91689	33.35744	4.683329	59.65536	.4723921

#1	.0568998	1.207726	.0020067	-.000352	285.5025	-.000259	.2075124
#2	.0625349	1.367068	.0026564	-.000177	312.2293	-.000650	.2060064
#3	.0578326	1.286878	.0023395	-.000332	292.2786	-.001030	.2078415

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8455235	.0050888	.0785988	.0002037	2.272675	.5968490	.0002791
Stddev	.1246280	.0022095	.0037022	.0002181	.007515	.0231736	.0012719
%RSD	14.73974	43.42010	4.710212	107.0830	.3306525	3.882657	455.7262

#1	.8192582	.0028216	.0751311	.0004309	2.274923	.5770020	-.000489
#2	.9811908	.0052088	.0824977	.0001842	2.264293	.6223156	.001747
#3	.7361216	.0072358	.0781677	-.000004	2.278810	.5912293	-.000421

Sample Name: K4571-03 Acquired: 08/30/2019 16:37:03 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007977	.0033796	.0497526
Stddev	.0002483	.0016773	.0022498
%RSD	31.12663	49.63034	4.521991

#1	.0008232	.0030513	.0481872
#2	.0005377	.0051968	.0523308
#3	.0010324	.0018907	.0487398

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1357.481	2048.093	29098.23	4669.105	2214.036
Stddev	3.790	2.478	192.00	212.012	2.502
%RSD	.2792257	.1209759	.6598217	4.540747	.1130073

#1	1360.770	2048.948	28972.25	4837.367	2212.489
#2	1353.336	2050.029	29003.23	4430.977	2216.923
#3	1358.337	2045.301	29319.20	4738.973	2212.696

Sample Name: K4571-06 Acquired: 08/30/2019 16:40:54 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0063102	-.001432	.0031061	.0055010	.0015292	.0292316	.2508582
Stddev	.0008980	.004066	.0014524	.0013428	.0022229	.0090657	.0034669
%RSD	14.23106	283.9087	46.75737	24.40924	145.3583	31.01334	1.382028

#1	.0065365	-.004846	.0044132	.0041754	-.000967	.0268071	.2468588
#2	.0053207	.003066	.0033626	.0068603	.002260	.0216246	.2527055
#3	.0070735	-.002517	.0015427	.0054673	.003295	.0392630	.2530103

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000341	.0000679	16.04518	.0004481	-.000270	.0021025	-.004147
Stddev	.0001056	.0000361	.22960	.0000828	.000076	.0032671	.006016
%RSD	309.4807	53.21640	1.430983	18.48032	28.18483	155.3969	145.0615

#1	.0000299	.0000393	15.79048	.0004649	-.000232	.0017603	-.010180
#2	-.000069	.0001085	16.10877	.0005212	-.000357	-.000980	-.004114
#3	.000142	.0000559	16.23628	.0003581	-.000220	.005527	.001852

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0330714	2.705750	.0014130	-.000192	294.1052	-.000998	.1903115
Stddev	.0004945	.019453	.0003378	.000447	3.1877	.002290	.0008857
%RSD	1.495410	.7189505	23.90307	233.3692	1.083861	229.5915	.4653790

#1	.0326571	2.683929	.0010751	.000322	290.7625	-.002835	.1897164
#2	.0329381	2.712047	.0014133	-.000401	294.4421	-.001726	.1898889
#3	.0336189	2.721274	.0017506	-.000496	297.1111	.001568	.1913294

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.346306	.0028466	.0867974	.0000379	1.547920	.5950662	.0020111
Stddev	.088726	.0005519	.0009930	.0000120	.003001	.0062729	.0009565
%RSD	6.590350	19.38800	1.143997	31.67887	.1938634	1.054148	47.56266

#1	1.257910	.0029585	.0856706	.0000513	1.544486	.5882758	.0026403
#2	1.435359	.0033340	.0875445	.0000342	1.550041	.6006447	.0024827
#3	1.345650	.0022474	.0871771	.0000281	1.549232	.5962781	.0009103

Sample Name: K4571-06 Acquired: 08/30/2019 16:40:54 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007340	.0016925	.1355850
Stddev	.0010367	.0007041	.0015132
%RSD	141.2372	41.60447	1.116043

#1	.0014667	.0008816	.1339014
#2	.0011874	.0021497	.1360220
#3	-.000452	.0020461	.1368317

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1372.764	2055.783	29376.22	4816.792	2220.339
Stddev	10.576	4.064	83.83	28.936	1.257
%RSD	.7703853	.1976706	.2853749	.6007398	.0566173

#1	1363.661	2059.871	29302.31	4849.230	2221.784
#2	1384.365	2055.734	29467.31	4807.511	2219.740
#3	1370.267	2051.744	29359.05	4793.635	2219.494

Sample Name: K4571-09 Acquired: 08/30/2019 16:44:45 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0071534	-.001053	.0086076	.0058789	.0012090	.0607457	.1689731
Stddev	.0010703	.002078	.0008847	.0002066	.0004225	.0061895	.0005441
%RSD	14.96204	197.4269	10.27785	3.514400	34.94503	10.18914	.3219988

#1	.0083679	-.002844	.0080232	.0057612	.0007470	.0553233	.1684047
#2	.0067441	.001226	.0096254	.0061175	.0015756	.0674890	.1694890
#3	.0063481	-.001540	.0081742	.0057581	.0013044	.0594249	.1690255

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000302	.0003243	51.20714	.0013400	.0069818	.0014505	.8035314
Stddev	.0000106	.0000161	.38885	.0006736	.0002123	.0017271	.0121587
%RSD	34.96647	4.953662	.7593742	50.26654	3.040553	119.0694	1.513161

#1	.0000355	.0003070	50.88449	.0008048	.0070505	.0009127	.7894924
#2	.0000181	.0003272	51.63889	.0011189	.0071511	.0033824	.8106734
#3	.0000371	.0003387	51.09804	.0020964	.0067436	.0000563	.8104284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2584619	2.397486	.0054535	-.000134	300.5738	-.001180	.1911967
Stddev	.0028547	.057867	.0005815	.000406	1.4006	.001533	.0006917
%RSD	1.104496	2.413664	10.66317	303.7655	.4659616	129.9328	.3617969

#1	.2551774	2.336509	.0055895	.000231	299.1311	-.002923	.1913887
#2	.2598628	2.404311	.0048161	-.000571	301.9280	-.000040	.1904293
#3	.2603456	2.451639	.0059550	-.000061	300.6624	-.000577	.1917722

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.373247	.0058965	.0762263	-.000016	2.732248	3.036472	.0000784
Stddev	.034362	.0008680	.0014008	.000426	.016214	.029353	.0015005
%RSD	2.502254	14.72058	1.837699	2644.536	.5934323	.9666721	1914.923

#1	1.336735	.0066842	.0746096	.000407	2.714319	3.015965	.0003327
#2	1.404954	.0060393	.0770778	-.000445	2.736540	3.070096	-.001533
#3	1.378052	.0049659	.0769916	-.000011	2.745884	3.023354	.001435

Sample Name: K4571-09 Acquired: 08/30/2019 16:44:45 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000520	.0025655	.2575769
Stddev	.000416	.0007645	.0026193
%RSD	79.96606	29.79870	1.016890

#1	-.000849	.0033890	.2545526
#2	-.000657	.0018783	.2590615
#3	-.000053	.0024293	.2591167

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1368.335	2041.999	29230.90	4772.274	2207.665
Stddev	4.143	6.844	100.11	28.307	3.492
%RSD	.3027768	.3351711	.3424756	.5931550	.1581908

#1	1364.872	2045.539	29159.70	4784.417	2210.544
#2	1372.925	2046.349	29345.37	4739.922	2208.671
#3	1367.208	2034.110	29187.64	4792.485	2203.780

Sample Name: K4543-18DUP Acquired: 08/30/2019 16:48:35 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0060359	.0005728	.0051687	.0029723	.0014071	4.783313	.0284617
Stddev	.0024924	.0012354	.0015767	.0019977	.0012206	.061472	.0003032
%RSD	41.29340	215.6690	30.50370	67.20872	86.74397	1.285143	1.065161

#1	.0040106	-.000853	.0045705	.0052653	.0020855	4.712572	.0281127
#2	.0052777	.001331	.0069569	.0016079	.0021377	4.813613	.0286126
#3	.0088193	.001241	.0039787	.0020439	-.000002	4.823753	.0286598

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000807	-.000023	.6655750	.0012064	.0000748	.0218985	.4076067
Stddev	.0000612	.000023	.0024149	.0002043	.0002221	.0013903	.0146696
%RSD	75.75827	98.55365	.3628240	16.93442	296.9222	6.348804	3.598965

#1	.0001492	-.000036	.6636278	.0014198	-.000101	.0203060	.3929621
#2	.0000316	.000003	.6648201	.0011867	.000324	.0228709	.4075569
#3	.0000614	-.000037	.6682772	.0010127	.000001	.0225185	.4223012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030062	.0558360	.0002547	-.000293	191.5800	.0162979	.0512564
Stddev	.0003272	.0130370	.0003032	.000049	1.3341	.0019024	.0005212
%RSD	10.88492	23.34872	119.0119	16.55547	.6963601	11.67254	1.016813

#1	.0033769	.0461741	.0004296	-.000340	190.2491	.0150647	.0518444
#2	.0028838	.0506695	.0004300	-.000297	191.5737	.0153402	.0508516
#3	.0027577	.0706644	-.000095	-.000243	192.9173	.0184888	.0510731

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8485383	.5941081	.0797965	.0006469	3.170117	2.057369	.0003590
Stddev	.0689425	.0025492	.0006286	.0000688	.013456	.009071	.0009982
%RSD	8.124858	.4290725	.7877781	10.64119	.4244485	.4409120	278.0721

#1	.7796445	.5951114	.0795860	.0006669	3.179838	2.049659	.0014597
#2	.8484409	.5960028	.0793001	.0007036	3.154760	2.055084	.0001050
#3	.9175294	.5912099	.0805033	.0005703	3.175753	2.067364	-.000488

Sample Name: K4543-18DUP Acquired: 08/30/2019 16:48:35 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0095493	-.000357	.0029086
Stddev	.0003906	.000453	.0000146
%RSD	4.090256	126.8843	.5019844

#1	.0099444	.000015	.0028917
#2	.0091633	-.000862	.0029181
#3	.0095403	-.000225	.0029158

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1371.088	2045.460	29112.29	4790.762	2195.136
Stddev	1.961	2.589	45.15	27.171	6.060
%RSD	.1430183	.1265623	.1550730	.5671600	.2760605

#1	1369.764	2048.356	29098.31	4780.260	2198.729
#2	1373.341	2044.651	29075.79	4821.618	2198.540
#3	1370.160	2043.372	29162.77	4770.410	2188.140

Sample Name: K4543-18LX5 Acquired: 08/30/2019 16:52:27 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0009205	.0007288	.0005507	.0008611	.0007129	.9553361	.0064608
Stddev	.0046097	.0032598	.0019987	.0013819	.0006030	.0060573	.0008189
%RSD	500.7715	447.2711	362.9214	160.4701	84.58419	.6340459	12.67448

#1	.0058303	-.000476	-.001619	-.000680	.0012595	.9551416	.0068205
#2	.0002458	.004420	.002316	.001990	.0008130	.9493784	.0070384
#3	-.003315	-.001757	.000955	.001274	.0000661	.9614883	.0055237

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000043	.0000208	.1264040	.0005223	.0003885	.0037260	.0861904
Stddev	.0000331	.0001079	.0020265	.0002304	.0003849	.0006243	.0093530
%RSD	773.2387	519.7878	1.603158	44.10805	99.08670	16.75568	10.85161

#1	.0000179	-.000062	.1255074	.0002792	.0000173	.0044392	.0968802
#2	.0000283	-.000018	.1249805	.0007374	.0003623	.0032783	.0821783
#3	-.000033	.000143	.1287241	.0005502	.0007858	.0034605	.0795127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007039	.0256442	.0000977	-.000032	38.54435	.0017076	.0101749
Stddev	.0001573	.0176068	.0002693	.000331	.12411	.0006959	.0004330
%RSD	22.34230	68.65821	275.6213	1038.465	.3219890	40.75093	4.256062

#1	.0005855	.0377809	-.000206	-.000024	38.67007	.0015946	.0105042
#2	.0006439	.0337011	.000194	.000295	38.42191	.0010752	.0096844
#3	.0008824	.0054505	.000306	-.000367	38.54108	.0024531	.0103362

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4661938	.1219486	.0123727	-.000104	.6345144	.4121675	-.001504
Stddev	.0154380	.0015044	.0003738	.000386	.0087779	.0053463	.001383
%RSD	3.311490	1.233603	3.020922	372.0615	1.383398	1.297108	91.98716

#1	.4805937	.1207600	.0127969	-.000044	.6446396	.4179683	.000029
#2	.4498937	.1236400	.0122293	.000249	.6290510	.4074381	-.001880
#3	.4680939	.1214459	.0120918	-.000515	.6298525	.4110960	-.002660

Sample Name: K4543-18LX5 Acquired: 08/30/2019 16:52:27 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0031905	-.001062	.0005449
Stddev	.0013489	.000989	.0000349
%RSD	42.27949	93.12960	6.394388

#1	.0021399	-.000030	.0005050
#2	.0027199	-.002001	.0005606
#3	.0047117	-.001154	.0005692

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1355.574	2013.957	28978.51	4714.293	2130.519
Stddev	6.269	1.692	69.15	25.618	4.720
%RSD	.4624415	.0840324	.2386402	.5434192	.2215649

#1	1358.974	2012.541	28992.02	4688.332	2125.935
#2	1348.340	2013.498	29039.91	4739.555	2130.259
#3	1359.409	2015.831	28903.59	4714.990	2135.365

Sample Name: K4543-18MS Acquired: 08/30/2019 16:56:20 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.8051808	2.071068	1.004747	2.017486	.7849432	6.604261	.2356099
Stddev	.0044741	.008379	.004422	.004581	.0010875	.049437	.0017328
%RSD	.5556659	.4045541	.4401473	.2270461	.1385399	.7485598	.7354617

#1	.8007588	2.071077	.999802	2.016796	.7847122	6.552782	.2336452
#2	.8097052	2.062685	1.006115	2.013290	.7839898	6.608638	.2362641
#3	.8050785	2.079442	1.008324	2.022372	.7861276	6.651364	.2369203

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2096792	.1893854	1.615909	.3869309	.1977811	.3164311	3.576182
Stddev	.0011043	.0004022	.005130	.0005147	.0001950	.0062198	.027827
%RSD	.5266695	.2123561	.3174970	.1330185	.0985666	1.965621	.7781075

#1	.2099074	.1891720	1.613400	.3875005	.1978838	.3100887	3.544073
#2	.2106516	.1891349	1.612516	.3864992	.1975563	.3166840	3.591206
#3	.2084786	.1898493	1.621811	.3867930	.1979033	.3225207	3.593267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2106466	2.119791	.4968790	.0741878	188.5420	.3238104	.2559991
Stddev	.0024115	.030921	.0012383	.0005165	1.2360	.0017581	.0010104
%RSD	1.144790	1.458677	.2492094	.6962486	.6555776	.5429530	.3946900

#1	.2079333	2.089183	.4954997	.0747839	187.1148	.3243797	.2571572
#2	.2125450	2.119173	.4972423	.0738716	189.2559	.3218381	.2555430
#3	.2114616	2.151016	.4978949	.0739079	189.2554	.3252133	.2552972

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.94282	7.009622	.3747174	.3786150	3.010501	3.004762	.6870342
Stddev	.07602	.021293	.0020060	.0006277	.013199	.015863	.0023367
%RSD	.6946786	.3037736	.5353426	.1657771	.4384168	.5279386	.3401186

#1	10.88454	6.996877	.3731562	.3783471	2.999757	3.013181	.6849614
#2	10.91512	6.997784	.3769799	.3781657	3.006511	3.014641	.6895666
#3	11.02880	7.034204	.3740162	.3793321	3.025234	2.986464	.6865746

Sample Name: K4543-18MS Acquired: 08/30/2019 16:56:20 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2016100	.1081001	.2030675
Stddev	.0013621	.0014609	.0011277
%RSD	.6755897	1.351433	.5553073

#1	.2000895	.1064144	.2018568
#2	.2027184	.1089982	.2032577
#3	.2020220	.1088878	.2040878

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1371.287	2041.779	29295.99	4679.870	2185.348
Stddev	4.556	2.987	130.85	27.121	1.695
%RSD	.3322480	.1463022	.4466601	.5795246	.0775780

#1	1366.063	2040.819	29160.27	4653.115	2186.237
#2	1373.359	2045.129	29306.33	4679.151	2186.413
#3	1374.438	2039.391	29421.36	4707.343	2183.393

Sample Name: K4543-18MSD Acquired: 08/30/2019 16:59:59 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.8334403	2.134488	1.035101	2.091134	.8171158	6.847911	.2458119
Stddev	.0013456	.009119	.001258	.005014	.0015264	.276469	.0076579
%RSD	.1614534	.4272397	.1215556	.2397622	.1868075	4.037270	3.115367

#1	.8349849	2.131258	1.033689	2.096024	.8153585	6.623609	.2403748
#2	.8325225	2.127423	1.036105	2.086005	.8178770	7.156789	.2545697
#3	.8328133	2.144783	1.035508	2.091372	.8181120	6.763335	.2424913

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2193161	.1959250	1.638371	.4033391	.2050678	.3343111	3.770444
Stddev	.0057788	.0006033	.049360	.0012355	.0009399	.0155319	.137330
%RSD	2.634917	.3079208	3.012774	.3063194	.4583359	4.645933	3.642265

#1	.2164069	.1961259	1.593650	.4035718	.2057121	.3240678	3.659086
#2	.2259713	.1952469	1.691334	.4044416	.2039893	.3521821	3.923893
#3	.2155699	.1964023	1.630131	.4020037	.2055020	.3266834	3.728353

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2198881	2.212814	.5141441	.0769466	191.6749	.3403554	.2618744
Stddev	.0075272	.065561	.0011435	.0008627	6.9022	.0157559	.0001732
%RSD	3.423189	2.962809	.2224130	1.121172	3.600996	4.629246	.0661273

#1	.2138150	2.171186	.5136496	.0776223	186.3278	.3292614	.2619322
#2	.2283095	2.288388	.5133310	.0759748	199.4667	.3583900	.2616797
#3	.2175398	2.178869	.5154517	.0772426	189.2301	.3334148	.2620113

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.51704	7.264121	.3917321	.3926361	3.015111	3.075352	.7088001
Stddev	.53985	.048403	.0110292	.0005407	.026238	.083482	.0040388
%RSD	4.687391	.6663338	2.815503	.1377112	.8702081	2.714557	.5698078

#1	11.09956	7.285587	.3880584	.3920932	3.034767	3.033590	.7115151
#2	12.12668	7.208697	.4041293	.3926404	2.985317	3.171474	.7041588
#3	11.32487	7.298080	.3830086	.3931746	3.025250	3.020992	.7107264

Sample Name: K4543-18MSD Acquired: 08/30/2019 16:59:59 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2132615	.1119641	.2157038
Stddev	.0073027	.0047033	.0084622
%RSD	3.424282	4.200751	3.923070

#1	.2066962	.1087339	.2092642
#2	.2211269	.1173602	.2252881
#3	.2119614	.1097982	.2125590

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1373.137	2040.705	29275.06	4658.237	2183.759
Stddev	2.171	4.576	119.38	125.827	7.330
%RSD	.1581177	.2242557	.4077989	2.701182	.3356531

#1	1372.270	2040.513	29138.28	4702.777	2182.466
#2	1371.533	2045.374	29328.53	4516.198	2191.650
#3	1375.608	2036.227	29358.36	4755.736	2177.162

Sample Name: K4543-18A Acquired: 08/30/2019 17:03:39 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.8416621	2.174638	1.051666	2.115491	.8241970	6.703846	.2425132
Stddev	.0009180	.005580	.000813	.005361	.0023863	.045091	.0025340
%RSD	.1090689	.2565867	.0773176	.2533941	.2895313	.6726067	1.044869

#1	.8414220	2.180996	1.052164	2.119272	.8245383	6.651975	.2397931
#2	.8408880	2.172363	1.052106	2.117845	.8216585	6.725884	.2448069
#3	.8426763	2.170556	1.050727	2.109356	.8263944	6.733679	.2429397

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2155369	.1981037	1.623159	.4082210	.2071160	.3286891	3.706953
Stddev	.0006482	.0006206	.005027	.0018943	.0014849	.0036570	.030794
%RSD	.3007276	.3132741	.3097151	.4640352	.7169578	1.112589	.8307047

#1	.2152520	.1987960	1.628572	.4096105	.2082136	.3245069	3.671498
#2	.2162787	.1979176	1.618637	.4060633	.2077079	.3312855	3.727011
#3	.2150800	.1975974	1.622268	.4089893	.2054263	.3302748	3.722352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2168704	2.167988	.5202237	.0781888	186.9431	.3364807	.2637942
Stddev	.0024308	.021798	.0004260	.0003332	1.2855	.0013743	.0009177
%RSD	1.120850	1.005462	.0818914	.4261657	.6876662	.4084372	.3479036

#1	.2140833	2.164219	.5206751	.0784556	185.4596	.3353620	.2648538
#2	.2179766	2.191425	.5201672	.0778153	187.7294	.3380148	.2632756
#3	.2185513	2.148320	.5198287	.0782955	187.6403	.3360652	.2632531

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.23571	7.351087	.3849030	.3962690	3.016963	3.003550	.7137793
Stddev	.05407	.011547	.0007209	.0013279	.004317	.004535	.0003341
%RSD	.4812270	.1570814	.1873006	.3350936	.1430871	.1509927	.0468117

#1	11.23472	7.350439	.3847805	.3958574	3.019902	2.999881	.7134764
#2	11.18214	7.362944	.3842511	.3951956	3.018980	3.002148	.7137238
#3	11.29027	7.339877	.3856773	.3977539	3.012007	3.008621	.7141377

Sample Name: K4543-18A Acquired: 08/30/2019 17:03:39 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2102670	.1088702	.2127883
Stddev	.0022138	.0018755	.0012826
%RSD	1.052837	1.722697	.6027632

#1	.2077118	.1068525	.2113208
#2	.2114805	.1091975	.2133487
#3	.2116086	.1105604	.2136953

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1369.386	2046.875	29227.64	4779.743	2190.556
Stddev	11.770	5.068	221.81	30.922	6.852
%RSD	.8595113	.2476023	.7588942	.6469298	.3128192

#1	1358.290	2041.860	28973.89	4751.117	2182.990
#2	1368.137	2051.994	29324.43	4775.573	2192.334
#3	1381.730	2046.772	29384.60	4812.537	2196.344

Sample Name: K4577-01DLX10 Acquired: 08/30/2019 17:07:19 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0043031	.0001878	.0013386	.0019434	.0037141	.1452823	.0057335
Stddev	.0012213	.0014800	.0005345	.0002595	.0021000	.0126999	.0007320
%RSD	28.38217	788.1967	39.93312	13.35163	56.54119	8.741520	12.76663

#1	.0055454	-.000451	.0016075	.0017234	.0045227	.1503772	.0048954
#2	.0031039	-.000866	.0007230	.0022295	.0052897	.1546437	.0060575
#3	.0042600	.001880	.0016852	.0018772	.0013300	.1308261	.0062475

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000034	-.000044	3.831781	.0003300	-.000169	.0003037	.4436444
Stddev	.000056	.000037	.012659	.0002837	.000243	.0033210	.0137120
%RSD	164.7290	82.60301	.3303731	85.96881	143.5924	1093.380	3.090764

#1	-.000028	-.000008	3.817391	.0006457	-.000150	.0032073	.4495578
#2	-.000092	-.000044	3.841201	.0000963	.000064	-.003317	.4279679
#3	.000019	-.000081	3.836751	.0002481	-.000422	.001021	.4534074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056602	1.262868	.0000650	-.000316	1.654680	-.000106	.0105358
Stddev	.0002153	.018500	.0003732	.000262	.222738	.001559	.0001276
%RSD	3.803686	1.464910	574.6801	83.12935	13.46111	1470.998	1.210705

#1	.0056992	1.242162	.0003837	-.000597	1.566963	-.000432	.0105403
#2	.0058532	1.268672	.0001567	-.000273	1.907923	-.001476	.0106611
#3	.0054280	1.277769	-.000346	-.000077	1.489155	.001590	.0104061

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7458925	.0409374	.0034101	.0003537	2.014820	.9018801	-.002657
Stddev	.0813078	.0006696	.0002293	.0002752	.012709	.0086454	.001466
%RSD	10.90074	1.635564	6.724365	77.81110	.6307563	.9585949	55.15614

#1	.7525415	.0405659	.0036038	.0001127	2.007904	.9111535	-.002875
#2	.6614643	.0405360	.0034696	.0006536	2.007068	.9004444	-.001095
#3	.8236716	.0417104	.0031569	.0002949	2.029486	.8940425	-.004001

Sample Name: K4577-01DLX10 Acquired: 08/30/2019 17:07:19 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0057837	-.003039	.0378708
Stddev	.0004305	.001132	.0002464
%RSD	7.444304	37.24552	.6506203

#1	.0056443	-.004306	.0376709
#2	.0054400	-.002128	.0377955
#3	.0062666	-.002683	.0381461

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1359.594	2005.837	28822.42	4791.712	2073.296
Stddev	6.400	5.395	180.30	58.693	1.535
%RSD	.4707465	.2689663	.6255693	1.224892	.0740599

#1	1352.548	2011.773	28707.91	4724.196	2071.908
#2	1365.048	2001.232	29030.25	4830.578	2074.945
#3	1361.186	2004.507	28729.08	4820.363	2073.036

Sample Name: CCV07 Acquired: 08/30/2019 17:11:10 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	4.982998	4.917029	4.927943	4.898616	4.996706	9.960290	10.38196
Stddev	.016354	.008914	.007900	.010906	.005217	.084755	.05157
%RSD	.3281993	.1812858	.1603192	.2226376	.1044052	.8509258	.4967570

#1	4.989472	4.907936	4.919163	4.895925	4.990683	9.864496	10.32341
#2	4.964398	4.925753	4.930188	4.889307	4.999624	10.02554	10.40183
#3	4.995125	4.917397	4.934478	4.910616	4.999811	9.99084	10.42065

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2550728	2.413108	25.36821	.9758229	2.462427	1.238599	5.064327
Stddev	.0029011	.006389	.14386	.0028537	.004380	.011683	.034537
%RSD	1.137375	.2647766	.5670777	.2924406	.1778660	.9432706	.6819640

#1	.2574711	2.406395	25.20224	.9731709	2.457761	1.225253	5.026380
#2	.2558990	2.419115	25.44529	.9788426	2.466450	1.243567	5.093922
#3	.2518481	2.413815	25.45710	.9754551	2.463069	1.246977	5.072680

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.557616	25.14084	2.463884	1.252984	25.32886	2.505602	2.505908
Stddev	.012801	.33104	.006343	.009251	.19260	.025687	.012328
%RSD	.5004888	1.316753	.2574436	.7383471	.7603927	1.025182	.4919411

#1	2.543065	24.75860	2.456989	1.246176	25.42110	2.476158	2.501541
#2	2.567138	25.33533	2.469471	1.249259	25.10749	2.523427	2.496359
#3	2.562646	25.32858	2.465194	1.263517	25.45799	2.517220	2.519825

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.94162	5.198888	5.038996	4.940874	4.907196	5.124913	4.937274
Stddev	.13344	.006023	.054679	.003150	.012344	.056197	.009546
%RSD	.5350034	.1158460	1.085121	.0637581	.2515483	1.096543	.1933554

#1	24.78831	5.198525	5.085345	4.943626	4.896538	5.166681	4.929598
#2	25.00495	5.193055	5.052953	4.937438	4.920721	5.147038	4.947964
#3	25.03161	5.205084	4.978691	4.941559	4.904327	5.061021	4.934260

Sample Name: CCV07 Acquired: 08/30/2019 17:11:10 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.991859	5.108070	4.845566
Stddev	.040484	.005339	.104578
%RSD	.8109957	.1045241	2.158219

#1	4.952358	5.102154	4.810038
#2	5.033259	5.109523	4.763381
#3	4.989961	5.112532	4.963280

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1321.364	1988.715	28555.12	4661.554	2120.674
Stddev	20.633	.850	330.07	28.746	2.533
%RSD	1.561494	.0427604	1.155920	.6166669	.1194621

#1	1327.030	1988.138	28722.64	4629.861	2122.368
#2	1338.571	1988.315	28767.85	4685.944	2117.761
#3	1298.489	1989.692	28174.88	4668.859	2121.892

Sample Name: CCB07 Acquired: 08/30/2019 17:14:48 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0010145	.0018141	-.000266	.0014064	.0022062	-.001331	.0021937
Stddev	.0008221	.0018590	.001149	.0004880	.0011334	.005517	.0003653
%RSD	81.03603	102.4764	432.9264	34.69421	51.37451	414.5691	16.65164

#1	.0005902	.0016239	-.001480	.0009141	.0022672	.002216	.0021641
#2	.0004912	.0037610	.000806	.0014154	.0010435	.001478	.0025729
#3	.0019620	.0000575	-.000123	.0018899	.0033078	-.007687	.0018441

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000069	.0000272	-.017072	.0001842	.0001791	.0032250	.0131954
Stddev	.000055	.0000600	.006680	.0003039	.0000987	.0034051	.0087901
%RSD	79.85752	220.4924	39.12662	164.9637	55.10673	105.5861	66.61452

#1	-.000006	.0000049	-.018409	.0005160	.0001007	.0067447	.0041162
#2	-.000091	-.000018	-.009825	-.000081	.0002899	.0029829	.0216646
#3	-.000110	.000095	-.022982	.000117	.0001466	-.000053	.0138055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001288	-.003107	-.000115	-.000136	.2190527	.0003064	-.000174
Stddev	.0001928	.024244	.000521	.000355	.1654933	.0029921	.000132
%RSD	149.6350	780.2364	452.5827	260.2219	75.54954	976.5554	75.58488

#1	-.000092	-.030477	.000380	-.000544	.0686765	.0029717	-.000316
#2	.000215	.015670	-.000067	.000034	.1921219	-.002930	-.000150
#3	.000263	.005485	-.000659	.000101	.3963598	.000878	-.000056

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2526164	.0014709	.0069199	.0005931	-.009983	.0057132	.0008433
Stddev	.0295886	.0016095	.0008172	.0002718	.001392	.0012927	.0017698
%RSD	11.71287	109.4218	11.80897	45.82677	13.94350	22.62564	209.8668

#1	.2184791	.0026162	.0075954	.0007367	-.011036	.0071628	-.001028
#2	.2708987	-.000369	.0071527	.0007630	-.010509	.0052966	.001069
#3	.2684714	.002166	.0060116	.0002796	-.008405	.0046803	.002490

Sample Name: CCB07 Acquired: 08/30/2019 17:14:48 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006906	-.002388	.0002751
Stddev	.0012158	.001886	.0001366
%RSD	176.0652	78.96648	49.66292

#1	.0020174	-.000211	.0004029
#2	-.000370	-.003529	.0002913
#3	.000425	-.003424	.0001311

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1352.294	2000.219	28702.53	4710.721	2066.679
Stddev	12.115	2.989	31.07	39.527	2.402
%RSD	.8958513	.1494304	.1082309	.8390804	.1162113

#1	1345.107	2003.651	28718.80	4675.583	2064.887
#2	1366.281	1998.194	28722.08	4703.065	2069.408
#3	1345.495	1998.811	28666.71	4753.516	2065.741

Sample Name: K4577-01DUPDLX10 Acquired: 08/30/2019 17:18:41 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0000298	.0004929	.0027538	.0002498	.0005776	.1415989	.0054148
Stddev	.0023987	.0016981	.0008878	.0013675	.0012744	.0066550	.0002140
%RSD	8041.648	344.5187	32.24053	547.4423	220.6324	4.699894	3.951552

#1	.0026709	.0012249	.0022201	.0009356	-.000507	.1492834	.0054521
#2	-.000568	-.001448	.0037787	.0011388	.000259	.1377377	.0056077
#3	-.002013	.001702	.0022627	-.001325	.001981	.1377756	.0051847

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000020	.0000300	3.715404	.0004398	-.000311	.0004055	.4388697
Stddev	.000058	.0000875	.043939	.0000896	.000434	.0043792	.0092682
%RSD	287.5258	291.7910	1.182618	20.37845	139.3170	1079.984	2.111828

#1	-.000033	-.000004	3.678933	.0005433	-.000453	-.001986	.4327553
#2	-.000070	.000129	3.703094	.0003897	.000175	.005460	.4495335
#3	.000043	-.000035	3.764185	.0003864	-.000657	-.002257	.4343203

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057363	1.218224	.0001264	-.000263	1.707312	.0002231	.0107140
Stddev	.0003447	.056344	.0000757	.000174	.248004	.0039629	.0004677
%RSD	6.009709	4.625086	59.86767	66.02389	14.52601	1776.202	4.364947

#1	.0055059	1.223660	.0000795	-.000116	1.841644	-.003166	.0102104
#2	.0061326	1.159359	.0002137	-.000455	1.421120	.004580	.0111346
#3	.0055702	1.271652	.0000860	-.000219	1.859172	-.000744	.0107971

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7866558	.0397566	.0061291	.0005770	1.952031	.8876386	-.002480
Stddev	.0313256	.0012768	.0001712	.0001981	.002720	.0069477	.000554
%RSD	3.982126	3.211424	2.793005	34.33639	.1393515	.7827219	22.35257

#1	.7901387	.0403062	.0062370	.0004419	1.948919	.8825275	-.003081
#2	.7537342	.0406665	.0059317	.0004847	1.953954	.8848390	-.002372
#3	.8160943	.0382970	.0062186	.0008045	1.953220	.8955494	-.001988

Sample Name: K4577-01DUPDLX10 Acquired: 08/30/2019 17:18:41 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0046046	-.003108	.0360880
Stddev	.0000278	.000832	.0002880
%RSD	.6045565	26.77558	.7980579

#1	.0046067	-.002264	.0359706
#2	.0046312	-.003133	.0358773
#3	.0045757	-.003928	.0364162

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1367.565	2018.351	29055.62	4758.255	2092.018
Stddev	8.786	4.685	129.69	24.558	.292
%RSD	.6424587	.2321038	.4463679	.5161059	.0139564

#1	1372.659	2016.214	29110.32	4785.858	2091.682
#2	1357.419	2015.117	28907.53	4750.075	2092.209
#3	1372.616	2023.724	29149.00	4738.831	2092.164

Sample Name: K4577-01LDLX50 Acquired: 08/30/2019 17:22:33 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0009190	.0035711	.0014575	.0006894	.0016962	.0300891	.0018368
Stddev	.0024706	.0037485	.0005468	.0020644	.0013491	.0087519	.0002983
%RSD	268.8375	104.9673	37.52098	299.4505	79.53445	29.08672	16.23916

#1	.0030701	.0014672	.0018407	-.000517	.0023883	.0204066	.0016722
#2	.0014662	.0078990	.0008312	-.000488	.0025587	.0374370	.0016572
#3	-.001779	.0013472	.0017005	.003073	.0001415	.0324237	.0021812

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000045	-.000080	.7970162	-.000128	-.000244	-.001322	.1016326
Stddev	.000044	.000057	.0231442	.000245	.000307	.001047	.0068335
%RSD	98.93113	70.80914	2.903851	191.2749	125.6917	79.23755	6.723762

#1	-.000019	-.000060	.7709651	-.000410	-.000268	-.001738	.1051933
#2	-.000096	-.000144	.8048785	.000038	-.000538	-.002098	.0937541
#3	-.000020	-.000036	.8152049	-.000012	.000074	-.000130	.1059505

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010361	.2615214	.0000844	-.000379	.3071328	-.001704	.0021634
Stddev	.0001570	.0376868	.0005951	.000361	.4125814	.000968	.0000879
%RSD	15.15265	14.41059	705.1504	95.14242	134.3332	56.78134	4.063806

#1	.0008731	.2184332	-.000304	-.000788	.3303343	-.002822	.0021155
#2	.0011863	.2777885	-.000212	-.000106	-.116560	-.001152	.0022649
#3	.0010487	.2883425	.000769	-.000244	.707624	-.001139	.0021099

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2500135	.0101283	.0005023	.0003183	.4130873	.1897679	-.002262
Stddev	.0745221	.0010463	.0002693	.0004782	.0060965	.0011962	.000890
%RSD	29.80724	10.33043	53.60857	150.2507	1.475830	.6303205	39.34080

#1	.2483786	.0106270	.0007971	.0001827	.4071014	.1909623	-.001773
#2	.1763223	.0089259	.0002694	-.000078	.4128719	.1897714	-.003290
#3	.3253397	.0108320	.0004404	.000850	.4192886	.1885700	-.001724

Sample Name: K4577-01LDLX50 Acquired: 08/30/2019 17:22:33 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014632	-.005896	.0078429
Stddev	.0006118	.001608	.0000893
%RSD	41.81472	27.26739	1.138511

#1	.0008023	-.004161	.0077657
#2	.0015774	-.007335	.0079407
#3	.0020098	-.006191	.0078223

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1376.834	2003.119	29245.48	4739.334	2063.123
Stddev	36.475	2.710	708.36	21.333	3.402
%RSD	2.649216	.1352748	2.422121	.4501275	.1648838

#1	1363.785	2001.345	28873.15	4758.158	2065.724
#2	1348.678	2001.773	28800.92	4743.683	2064.371
#3	1418.039	2006.238	30062.36	4716.162	2059.273

Sample Name: K4577-01MSDLX10 Acquired: 08/30/2019 17:26:26 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0806847	.1902531	.0996933	.1960670	.0759331	.3924059	.0253343
Stddev	.0037754	.0050091	.0035804	.0010861	.0019008	.0104730	.0002026
%RSD	4.679215	2.632878	3.591445	.5539414	2.503227	2.668932	.7998049

#1	.0850441	.1854098	.0955696	.1966567	.0759900	.3929608	.0252000
#2	.0785253	.1899365	.1014986	.1948137	.0740046	.4025905	.0255674
#3	.0784847	.1954131	.1020118	.1967307	.0778048	.3816664	.0252355

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205028	.0196464	3.778480	.0394034	.0198686	.0289732	.7949385
Stddev	.0003230	.0001164	.023686	.0003611	.0002652	.0019352	.0140235
%RSD	1.575238	.5926917	.6268696	.9164669	1.334759	6.679272	1.764097

#1	.0203169	.0197400	3.755427	.0395182	.0200336	.0306965	.7799028
#2	.0208757	.0195160	3.802752	.0389988	.0195627	.0293434	.7972504
#3	.0203157	.0196832	3.777261	.0396931	.0200094	.0268796	.8076624

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0266710	1.411444	.0509477	.0068993	1.705612	.0288363	.0293292
Stddev	.0005023	.037910	.0004659	.0001870	.123153	.0009817	.0002508
%RSD	1.883455	2.685899	.9145114	2.710065	7.220471	3.404278	.8551336

#1	.0269790	1.432181	.0514841	.0070119	1.691864	.0277439	.0291150
#2	.0260913	1.434463	.0506433	.0070025	1.589909	.0296444	.0296051
#3	.0269426	1.367690	.0507157	.0066835	1.835062	.0291206	.0292676

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.528118	.7132896	.0317289	.0374657	1.889968	1.065275	.0604874
Stddev	.075724	.0026256	.0011030	.0002266	.003977	.012671	.0011759
%RSD	4.955373	.3680943	3.476217	.6047766	.2104149	1.189504	1.943983

#1	1.441435	.7145562	.0326449	.0376704	1.890130	1.055891	.0604581
#2	1.561531	.7102708	.0320374	.0372222	1.893860	1.079690	.0593265
#3	1.581389	.7150417	.0305046	.0375045	1.885912	1.060246	.0616777

Sample Name: K4577-01MSDLX10 Acquired: 08/30/2019 17:26:26 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0234171	.0052137	.0555785
Stddev	.0015398	.0004034	.0003694
%RSD	6.575644	7.737401	.6645741

#1	.0216394	.0053510	.0551704
#2	.0243379	.0047595	.0556752
#3	.0242740	.0055304	.0558899

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1369.963	2022.273	29013.72	4785.422	2095.139
Stddev	10.993	2.153	167.12	25.988	3.721
%RSD	.8023990	.1064536	.5760117	.5430591	.1776011

#1	1362.419	2019.792	28976.76	4805.414	2091.430
#2	1382.575	2023.653	29196.23	4756.046	2098.872
#3	1364.895	2023.373	28868.17	4794.807	2095.115

Sample Name: K4577-01MSDDLX10 Acquired: 08/30/2019 17:30:18 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0797701	.1851154	.0973964	.1937293	.0747058	.3894886	.0250132
Stddev	.0007489	.0009244	.0027115	.0037417	.0009528	.0119366	.0003144
%RSD	.9388083	.4993748	2.783967	1.931408	1.275379	3.064690	1.257096

#1	.0804804	.1857520	.0949183	.1931200	.0752735	.3806221	.0248789
#2	.0798420	.1840550	.0969781	.1903297	.0752380	.4030609	.0247881
#3	.0789878	.1855391	.1002927	.1977383	.0736058	.3847829	.0253725

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200483	.0191704	3.677618	.0385810	.0193614	.0292144	.7762238
Stddev	.0002037	.0000913	.016008	.0003282	.0006378	.0008678	.0064138
%RSD	1.016285	.4762280	.4352786	.8507340	3.294360	2.970595	.8262756

#1	.0202580	.0191644	3.661296	.0388837	.0200979	.0301367	.7696733
#2	.0200359	.0190823	3.693291	.0382321	.0189879	.0290925	.7765065
#3	.0198510	.0192645	3.678268	.0386272	.0189985	.0284139	.7824915

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0258829	1.382509	.0501042	.0064848	1.684014	.0300307	.0286484
Stddev	.0004197	.040412	.0007333	.0004673	.264941	.0039006	.0004533
%RSD	1.621450	2.923073	1.463638	7.205964	15.73272	12.98860	1.582149

#1	.0256136	1.357558	.0493259	.0070237	1.978144	.0339794	.0281251
#2	.0263665	1.429134	.0502042	.0062375	1.609816	.0261801	.0289200
#3	.0256686	1.360834	.0507823	.0061930	1.464082	.0299325	.0289001

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.560533	.6997951	.0308543	.0366160	1.846025	1.048270	.0606458
Stddev	.061186	.0046046	.0011086	.0006281	.002554	.012200	.0008609
%RSD	3.920865	.6579888	3.593104	1.715422	.1383779	1.163848	1.419475

#1	1.513560	.7047148	.0314148	.0360240	1.848600	1.057711	.0609594
#2	1.629724	.6955889	.0315708	.0365491	1.845984	1.052604	.0613059
#3	1.538315	.6990816	.0295773	.0372748	1.843492	1.034494	.0596721

Sample Name: K4577-01MSDDLX10 Acquired: 08/30/2019 17:30:18 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0226802	.0043631	.0542756
Stddev	.0002531	.0005058	.0005604
%RSD	1.115981	11.59376	1.032550

#1	.0229725	.0040848	.0537484
#2	.0225366	.0049470	.0542143
#3	.0225317	.0040576	.0548642

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1369.732	2020.503	29038.83	4779.573	2097.848
Stddev	9.732	3.810	38.58	18.403	5.523
%RSD	.7105343	.1885537	.1328615	.3850379	.2632795

#1	1374.449	2017.800	29081.77	4758.836	2093.466
#2	1376.208	2024.861	29027.65	4785.924	2104.052
#3	1358.540	2018.850	29007.08	4793.960	2096.026

Sample Name: K4577-01ADLX10 Acquired: 08/30/2019 17:34:11 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0827221	.1925255	.1021241	.1968282	.0763902	.3998595	.0258037
Stddev	.0010046	.0016963	.0015926	.0014534	.0004044	.0108907	.0005530
%RSD	1.214464	.8810825	1.559475	.7384133	.5294542	2.723620	2.142957

#1	.0837718	.1918519	.1003698	.1975874	.0768566	.3875308	.0254542
#2	.0826250	.1944551	.1025236	.1951524	.0761789	.4081707	.0255157
#3	.0817695	.1912694	.1034789	.1977448	.0761352	.4038770	.0264412

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206864	.0196741	3.768842	.0393780	.0202410	.0299594	.7980421
Stddev	.0000836	.0001197	.061702	.0002550	.0002679	.0019866	.0055534
%RSD	.4041591	.6083041	1.637164	.6474775	1.323413	6.630992	.6958739

#1	.0207336	.0195574	3.732841	.0392616	.0199953	.0277634	.7952125
#2	.0205898	.0196683	3.733597	.0392019	.0205266	.0316318	.8044404
#3	.0207356	.0197966	3.840088	.0396704	.0202011	.0304830	.7944735

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0264935	1.445059	.0506016	.0066753	1.363721	.0293290	.0321263
Stddev	.0005288	.045552	.0004260	.0004327	.233091	.0018507	.0003602
%RSD	1.995845	3.152286	.8419106	6.481684	17.09232	6.310173	1.121029

#1	.0260829	1.392513	.0503320	.0067948	1.421681	.0294126	.0318718
#2	.0263074	1.469271	.0510928	.0061954	1.107118	.0274379	.0325384
#3	.0270902	1.473392	.0503801	.0070356	1.562363	.0311365	.0319688

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.563271	.7111778	.0319448	.0370855	1.890568	1.081766	.0600931
Stddev	.028040	.0034523	.0003920	.0001527	.001791	.006158	.0007507
%RSD	1.793682	.4854302	1.227126	.4116930	.0947510	.5692995	1.249299

#1	1.578956	.7085434	.0323900	.0370557	1.890808	1.082049	.0600237
#2	1.530898	.7150860	.0317930	.0372509	1.888669	1.075471	.0593795
#3	1.579959	.7099041	.0316514	.0369499	1.892228	1.087778	.0608761

Sample Name: K4577-01ADLX10 Acquired: 08/30/2019 17:34:11 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0247684	.0049660	.0555983
Stddev	.0013720	.0005685	.0003454
%RSD	5.539376	11.44836	.6212587

#1	.0244583	.0054959	.0552424
#2	.0235779	.0043654	.0559322
#3	.0262689	.0050368	.0556201

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1380.586	2020.209	29319.07	4763.448	2102.102
Stddev	4.562	1.934	182.47	39.319	1.979
%RSD	.3304305	.0957119	.6223500	.8254213	.0941431

#1	1382.490	2020.476	29209.55	4770.870	2101.975
#2	1383.888	2021.996	29529.71	4798.527	2100.190
#3	1375.381	2018.156	29217.95	4720.948	2104.141

Sample Name: K4582-01 Acquired: 08/30/2019 17:38:02 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: RT-3422 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0952989	-.018329	.2770355	.0644603	.0037209	184.5729	.5765689
Stddev	.0014000	.000830	.0017548	.0038433	.0008412	1.3459	.0040945
%RSD	1.469014	4.527121	.6334037	5.962337	22.60573	.7292112	.7101540

#1	.0969032	-.017863	.2790030	.0616788	.0031732	183.0314	.5718734
#2	.0943253	-.017837	.2756324	.0628563	.0033002	185.5149	.5784373
#3	.0946681	-.019287	.2764712	.0688458	.0046894	185.1724	.5793958

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111297	-.003937	-1.59615	.2767629	.0942326	.1997533	289.4332
Stddev	.0000653	.000151	.04475	.0001364	.0003018	.0026679	2.6395
%RSD	.5869051	3.842984	2.803873	.0492984	.3202486	1.335599	.9119555

#1	.0110759	-.003764	-1.61720	.2766054	.0944772	.1972571	286.4239
#2	.0112024	-.004041	-1.62650	.2768470	.0943252	.2025648	290.5192
#3	.0111109	-.004007	-1.54475	.2768361	.0938953	.1994380	291.3564

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.089389	13.12143	.1470741	.0006452	5.104008	.3890205	.5055283
Stddev	.020026	.15032	.0010504	.0003529	.156327	.0019689	.0027502
%RSD	.9584450	1.145607	.7141886	54.69993	3.062820	.5061142	.5440184

#1	2.066304	12.95598	.1478213	.0002377	5.272895	.3867524	.5087039
#2	2.102089	13.15870	.1475278	.0008479	4.964375	.3900182	.5039484
#3	2.099775	13.24961	.1458731	.0008500	5.074754	.3902907	.5039326

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.148198	6.975489	-.071381	.0044650	1.354673	1.174978	.0079152
Stddev	.066554	.003498	.000899	.0004566	.007553	.007497	.0017798
%RSD	1.082499	.0501453	1.259049	10.22558	.5575702	.6380330	22.48617

#1	6.072136	6.979268	-.070402	.0046352	1.354166	1.166349	.0096556
#2	6.195740	6.972366	-.072169	.0039478	1.347386	1.179888	.0060984
#3	6.176716	6.974833	-.071571	.0048121	1.362467	1.178698	.0079916

Sample Name: K4582-01 Acquired: 08/30/2019 17:38:02 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: RT-3422 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.411657	.0372577	.0338158
Stddev	.010732	.0008988	.0002588
%RSD	.7602167	2.412341	.7653019

#1	1.399285	.0363189	.0335229
#2	1.418445	.0381102	.0340135
#3	1.417241	.0373438	.0339111

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1731.238	2613.684	37199.55	6231.168	2198.384
Stddev	9.288	5.263	176.41	27.222	6.177
%RSD	.5364851	.2013793	.4742307	.4368623	.2809949

#1	1720.588	2609.865	37185.47	6262.585	2192.694
#2	1735.470	2619.688	37382.58	6214.597	2204.955
#3	1737.656	2611.499	37030.60	6216.321	2197.504

Sample Name: K4582-01DUP Acquired: 08/30/2019 17:41:46 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: RT-3422DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0946139	-.017259	.2802005	.0652560	.0062167	186.2166	.5851477
Stddev	.0047160	.002031	.0016823	.0011774	.0014003	.9044	.0016954
%RSD	4.984467	11.76708	.6003833	1.804285	22.52466	.4856507	.2897315

#1	.0998096	-.016626	.2786949	.0648687	.0047081	185.1737	.5843534
#2	.0934283	-.015621	.2820163	.0643210	.0064672	186.7834	.5870944
#3	.0906039	-.019532	.2798902	.0665782	.0074748	186.6929	.5839954

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112967	-.003902	-1.71695	.2745359	.0943337	.2003525	292.3688
Stddev	.0000690	.000010	.07641	.0008339	.0001431	.0022678	1.3290
%RSD	.6104846	.2443249	4.450141	.3037667	.1516995	1.131901	.4545770

#1	.0112943	-.003900	-1.62874	.2754335	.0944403	.1977351	290.8349
#2	.0113668	-.003913	-1.76255	.2737851	.0941711	.2017320	293.0963
#3	.0112290	-.003895	-1.75956	.2743891	.0943897	.2015903	293.1753

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.087663	13.26588	.1469492	.0005641	5.323601	.3929741	.5034696
Stddev	.008364	.02751	.0004505	.0000510	.182367	.0050050	.0030331
%RSD	.4006286	.2073456	.3065858	9.042651	3.425633	1.273633	.6024317

#1	2.079013	13.23645	.1469838	.0005449	5.280888	.3889869	.5069461
#2	2.095708	13.29094	.1473815	.0005255	5.523534	.3985909	.5013640
#3	2.088267	13.27024	.1464824	.0006219	5.166382	.3913447	.5020988

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.257896	7.004606	-.076581	.0043135	1.369872	1.212831	.0082507
Stddev	.060280	.026919	.006613	.0007696	.009629	.010287	.0017497
%RSD	.9632606	.3843104	8.635462	17.84252	.7029030	.8482159	21.20619

#1	6.219817	7.026078	-.083242	.0052017	1.370660	1.223748	.0071872
#2	6.327395	6.974405	-.076483	.0038958	1.359873	1.211427	.0102701
#3	6.226477	7.013334	-.070017	.0038431	1.379083	1.203318	.0072949

Sample Name: K4582-01DUP Acquired: 08/30/2019 17:41:46 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: RT-3422DUP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.428187	.0385894	.0338629
Stddev	.005142	.0007397	.0002544
%RSD	.3600318	1.916988	.7513757

#1	1.423289	.0391364	.0336114
#2	1.433542	.0388841	.0338571
#3	1.427730	.0377477	.0341201

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1744.175	2604.336	37111.89	6150.610	2195.787
Stddev	6.707	4.583	85.47	37.699	1.415
%RSD	.3845295	.1759830	.2303033	.6129348	.0644590

#1	1737.221	2609.557	37091.89	6119.351	2197.391
#2	1750.604	2600.979	37205.58	6140.004	2195.255
#3	1744.701	2602.472	37038.19	6192.477	2194.714

Sample Name: K4582-01LX5 Acquired: 08/30/2019 17:45:30 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0231058	-.001462	.0570082	.0160149	.0022504	43.52474	.1393275
Stddev	.0038429	.000481	.0012774	.0016398	.0015902	.06426	.0006162
%RSD	16.63181	32.90883	2.240708	10.23939	70.66388	.1476417	.4422835

#1	.0221030	-.000911	.0565430	.0167979	.0027896	43.59625	.1394741
#2	.0273507	-.001675	.0584530	.0171164	.0035009	43.50617	.1398571
#3	.0198637	-.001799	.0560287	.0141303	.0004607	43.47182	.1386511

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027110	-.001222	-.426008	.0653209	.0188678	.0485931	70.05958
Stddev	.0000667	.000043	.035926	.0004520	.0001021	.0012951	.28048
%RSD	2.460293	3.551201	8.433160	.6919549	.5408897	2.665260	.4003485

#1	.0026783	-.001191	-.386798	.0657805	.0188072	.0497254	69.93689
#2	.0027878	-.001204	-.457343	.0648769	.0189857	.0488730	70.38050
#3	.0026670	-.001272	-.433884	.0653054	.0188106	.0471809	69.86134

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4988391	3.127657	.0289298	.0000852	1.343616	.0949955	.1214900
Stddev	.0016779	.027874	.0005116	.0002628	.076055	.0031250	.0003837
%RSD	.3363649	.8912188	1.768404	308.3347	5.660469	3.289651	.3158650

#1	.4993086	3.115737	.0284993	.0001806	1.317015	.0945712	.1210667
#2	.5002323	3.107724	.0294954	-.000212	1.284435	.0921043	.1218151
#3	.4969765	3.159509	.0287946	.000287	1.429399	.0983110	.1215881

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.496551	1.444063	-.012926	.0009107	.2690393	.2894839	-.000189
Stddev	.044163	.010476	.002558	.0004250	.0014975	.0018277	.002673
%RSD	2.950957	.7254643	19.79000	46.66264	.5566040	.6313612	1413.376

#1	1.505539	1.443693	-.015474	.0004538	.2691035	.2910376	.002886
#2	1.448585	1.433777	-.010358	.0009840	.2675108	.2874701	-.001506
#3	1.535527	1.454720	-.012947	.0012942	.2705037	.2899438	-.001948

Sample Name: K4582-01LX5 Acquired: 08/30/2019 17:45:30 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3409394	.0045101	.0080632
Stddev	.0015134	.0009026	.0000730
%RSD	.4438795	20.01320	.9057549

#1	.3424381	.0042350	.0079831
#2	.3409685	.0055183	.0081259
#3	.3394118	.0037771	.0080808

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1433.152	2126.654	30554.52	5066.911	2123.802
Stddev	7.650	1.038	256.96	30.348	1.401
%RSD	.5337737	.0487860	.8409978	.5989454	.0659663

#1	1429.799	2126.155	30411.54	5032.984	2124.676
#2	1427.751	2125.961	30400.85	5091.473	2124.545
#3	1441.906	2127.847	30851.17	5076.274	2122.187

Sample Name: K4582-01MS Acquired: 08/30/2019 17:49:21 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: RT-3422MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7363315	1.997937	1.301756	1.534729	.1542895	254.0719	.8310258
Stddev	.0031281	.002119	.006392	.004863	.0022291	5.5558	.0184431
%RSD	.4248174	.1060597	.4909968	.3168410	1.444760	2.186707	2.219323

#1	.7352205	2.000382	1.307039	1.538537	.1524023	247.9659	.8105717
#2	.7339105	1.996627	1.294651	1.536398	.1537171	258.8291	.8463881
#3	.7398633	1.996802	1.303578	1.529252	.1567489	255.4209	.8361178

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1784878	.1827827	-2.16452	.5910079	.3040518	.4688796	338.3704
Stddev	.0006054	.0009734	.13052	.0023827	.0008047	.0103409	7.3878
%RSD	.3391669	.5325562	6.029951	.4031622	.2646733	2.205439	2.183352

#1	.1787784	.1837346	-2.01727	.5935027	.3043225	.4575686	330.1443
#2	.1788931	.1817891	-2.21032	.5907651	.3031466	.4778485	344.4402
#3	.1777919	.1828246	-2.26596	.5887559	.3046862	.4712218	340.5267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.144639	17.22593	.6728134	.0646830	7.994149	.7194981	.7388742
Stddev	.045754	.41758	.0008024	.0009355	.118262	.0163650	.0041107
%RSD	2.133431	2.424154	.1192547	1.446325	1.479361	2.274510	.5563481

#1	2.093156	16.74374	.6729992	.0645542	7.902767	.7036586	.7397634
#2	2.180656	17.46756	.6719345	.0656762	8.127720	.7363424	.7343916
#3	2.160105	17.46647	.6735066	.0638185	7.951960	.7184933	.7424675

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.13779	13.70300	.0737232	.2907806	1.360736	1.926219	.6452832
Stddev	.30168	.05454	.0154432	.0005153	.007839	.009254	.0039044
%RSD	1.869378	.3980360	20.94761	.1772099	.5760634	.4804444	.6050708

#1	15.83858	13.73288	.0560076	.2909190	1.368027	1.929762	.6474513
#2	16.44188	13.64004	.0843453	.2912125	1.352446	1.933179	.6407759
#3	16.13291	13.73607	.0808166	.2902102	1.361736	1.915717	.6476225

Sample Name: K4582-01MS Acquired: 08/30/2019 17:49:21 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: RT-3422MS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.885228	.1429160	.2078703
Stddev	.038888	.0027508	.0039836
%RSD	2.062797	1.924732	1.916385

#1	1.843905	.1402899	.2036548
#2	1.921109	.1457764	.2115722
#3	1.890669	.1426818	.2083839

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1641.808	2477.648	35359.49	5793.020	2179.218
Stddev	11.780	6.776	83.04	28.115	7.966
%RSD	.7174871	.2734653	.2348377	.4853286	.3655224

#1	1651.363	2470.215	35365.83	5810.025	2173.197
#2	1645.415	2483.478	35273.46	5760.568	2188.250
#3	1628.647	2479.251	35439.17	5808.467	2176.207

Sample Name: K4582-01MSD Acquired: 08/30/2019 17:52:57 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: RT-3422MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7341624	1.979539	1.301559	1.527475	.1560746	251.5878	.8324082
Stddev	.0051359	.013092	.004922	.003677	.0010534	3.6944	.0162546
%RSD	.6995629	.6613642	.3781802	.2407112	.6749622	1.468446	1.952719

#1	.7363691	1.978871	1.302052	1.531611	.1552073	248.1430	.8159795
#2	.7378262	1.966794	1.296408	1.526239	.1557696	251.1311	.8327622
#3	.7282919	1.992952	1.306216	1.524575	.1572469	255.4894	.8484829

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1770174	.1827951	-2.03281	.6014845	.3057249	.4714743	341.5327
Stddev	.0022428	.0003715	.02004	.0005901	.0006255	.0089960	5.6905
%RSD	1.266972	.2032468	.9858762	.0981096	.2046076	1.908053	1.666165

#1	.1756949	.1828035	-2.02602	.6008449	.3050030	.4646377	336.4044
#2	.1757504	.1824195	-2.05536	.6020079	.3060645	.4681197	340.5392
#3	.1796069	.1831624	-2.01705	.6016006	.3061072	.4816656	347.6546

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.199241	17.02342	.6744843	.0651324	8.365696	.7179334	.7369786
Stddev	.045776	.34078	.0010187	.0008294	.174853	.0148410	.0003388
%RSD	2.081464	2.001854	.1510365	1.273450	2.090118	2.067189	.0459653

#1	2.155020	16.69063	.6736642	.0646048	8.436528	.7038244	.7367003
#2	2.196276	17.00795	.6741641	.0647039	8.494020	.7165644	.7373558
#3	2.246428	17.37167	.6756247	.0660884	8.166540	.7334116	.7368799

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.14059	13.66220	.0735563	.2903510	1.355998	2.045489	.6455359
Stddev	.23611	.05709	.0044422	.0007307	.009524	.020316	.0009547
%RSD	1.462811	.4178346	6.039214	.2516535	.7023947	.9932087	.1478878

#1	15.94913	13.65905	.0685512	.2911724	1.366134	2.039202	.6460564
#2	16.06824	13.60676	.0770312	.2897734	1.347234	2.029060	.6461172
#3	16.40441	13.72079	.0750864	.2901071	1.354625	2.068206	.6444341

Sample Name: K4582-01MSD Acquired: 08/30/2019 17:52:57 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: RT-3422MSD Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.879917	.1425652	.2069056
Stddev	.025777	.0043152	.0019006
%RSD	1.371159	3.026847	.9185640

#1	1.854916	.1388641	.2050943
#2	1.878430	.1415265	.2067383
#3	1.906405	.1473050	.2088843

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1638.532	2473.507	35185.97	5803.993	2170.039
Stddev	10.844	8.836	99.70	56.360	4.629
%RSD	.6618077	.3572070	.2833481	.9710583	.2133078

#1	1644.352	2475.637	35158.44	5855.926	2173.414
#2	1626.021	2463.801	35102.92	5811.993	2164.762
#3	1645.224	2481.083	35296.54	5744.061	2171.940

Sample Name: CCV08 Acquired: 08/30/2019 17:56:33 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	5.032104	4.913590	4.940340	4.922248	5.037880	10.01189	10.50117
Stddev	.018402	.009931	.006207	.003129	.001530	.10061	.12015
%RSD	.3657003	.2021091	.1256348	.0635646	.0303601	1.004917	1.144128

#1	5.048117	4.904697	4.933216	4.919074	5.037327	9.90018	10.40970
#2	5.012000	4.924306	4.944585	4.922342	5.039609	10.04013	10.45658
#3	5.036194	4.911765	4.943217	4.925329	5.036704	10.09536	10.63724

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2556627	2.408438	25.54339	.9779263	2.463520	1.246611	5.146760
Stddev	.0016207	.002506	.31910	.0014076	.001267	.015626	.061329
%RSD	.6339077	.1040406	1.249243	.1439319	.0514252	1.253501	1.191606

#1	.2538246	2.410191	25.24007	.9791688	2.462217	1.232743	5.077517
#2	.2568863	2.405568	25.51388	.9782123	2.464748	1.243547	5.168523
#3	.2562770	2.409556	25.87621	.9763977	2.463596	1.263542	5.194240

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.582672	25.23569	2.464672	1.259620	25.45025	2.510691	2.485333
Stddev	.029982	.30575	.000563	.004047	.14878	.034098	.011724
%RSD	1.160872	1.211567	.0228415	.3213214	.5846111	1.358115	.4717081

#1	2.556389	24.90353	2.465249	1.263036	25.29596	2.472589	2.493488
#2	2.576298	25.29818	2.464644	1.255149	25.59284	2.521150	2.471898
#3	2.615328	25.50537	2.464124	1.260674	25.46195	2.538335	2.490615

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.71444	5.215690	5.044769	4.973628	4.910036	5.122786	4.947775
Stddev	.27075	.015002	.033291	.002747	.003753	.045324	.008878
%RSD	1.095495	.2876242	.6599021	.0552234	.0764316	.8847544	.1794312

#1	24.50521	5.205161	5.006422	4.976671	4.914312	5.072421	4.949597
#2	24.61789	5.232867	5.061623	4.971333	4.908507	5.135647	4.955599
#3	25.02023	5.209041	5.066262	4.972879	4.907290	5.160289	4.938127

Sample Name: CCV08 Acquired: 08/30/2019 17:56:33 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.011410	5.176236	4.881951
Stddev	.054415	.065844	.090550
%RSD	1.085818	1.272043	1.854798

#1	4.954760	5.122892	4.779959
#2	5.016195	5.155991	4.913010
#3	5.063274	5.249826	4.952885

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1319.555	1974.938	28378.69	4626.609	2117.759
Stddev	9.354	7.684	157.86	14.692	6.065
%RSD	.7088410	.3890865	.5562470	.3175518	.2863641

#1	1309.478	1966.139	28196.73	4642.830	2110.758
#2	1327.959	1980.327	28460.30	4614.197	2121.141
#3	1321.228	1978.349	28479.03	4622.800	2121.379

Sample Name: CCB08 Acquired: 08/30/2019 18:00:11 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0004577	.0027469	.0006776	.0012270	-.000374	.0014382	.0019560
Stddev	.0018072	.0010550	.0009386	.0014998	.001165	.0103916	.0003870
%RSD	394.8464	38.40519	138.5050	122.2282	311.9780	722.5498	19.78657

#1	-.000581	.0038252	-.000184	.0029139	-.001211	-.009739	.0022146
#2	.002544	.0017169	.001678	.0007230	-.000867	.003246	.0015110
#3	-.000591	.0026986	.000539	.0000442	.000957	.010807	.0021423

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000060	-.000022	-.011316	.0000119	-.000215	-.001445	.0149580
Stddev	.000087	.000018	.014752	.0001806	.000280	.002371	.0097475
%RSD	145.2387	81.26848	130.3580	1513.087	130.5120	164.1341	65.16570

#1	-.000002	-.000014	-.006330	-.000082	-.000525	-.000645	.0245784
#2	-.000160	-.000042	-.027915	-.000102	.000021	.000423	.0152074
#3	-.000018	-.000010	.000296	.000220	-.000140	-.004112	.0050882

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000805	-.009045	-.000442	-.000356	-.150516	-.001653	.0002114
Stddev	.0002088	.034208	.000635	.000126	.161401	.001976	.0000808
%RSD	259.3713	378.2128	143.9132	35.45126	107.2318	119.5359	38.22172

#1	.0003197	.007450	.000263	-.000210	-.321563	.000627	.0001915
#2	-.000066	-.048375	-.000972	-.000429	-.000902	-.002878	.0003003
#3	-.000013	.013791	-.000616	-.000429	-.129084	-.002709	.0001425

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1587834	.0023949	.0079478	.0007131	-.005796	.0036844	.0017184
Stddev	.0566364	.0007819	.0010305	.0000491	.000797	.0005878	.0012772
%RSD	35.66894	32.64922	12.96632	6.885781	13.75174	15.95366	74.32859

#1	.1246933	.0018537	.0070939	.0006846	-.005301	.0043632	.0004668
#2	.1274956	.0020396	.0090925	.0007698	-.005372	.0033407	.0030198
#3	.2241615	.0032914	.0076570	.0006849	-.006716	.0033495	.0016685

Sample Name: CCB08 Acquired: 08/30/2019 18:00:11 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013123	-.003577	.0003428
Stddev	.0009462	.000425	.0000321
%RSD	72.10279	11.87191	9.356598

#1	.0022547	-.003434	.0003742
#2	.0013197	-.004054	.0003101
#3	.0003624	-.003242	.0003439

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1356.738	1992.982	28706.04	4657.005	2065.612
Stddev	3.668	5.317	227.64	25.427	2.858
%RSD	.2703520	.2667875	.7930042	.5459914	.1383605

#1	1352.565	1990.563	28941.94	4683.813	2066.732
#2	1359.451	1999.079	28688.49	4633.231	2062.363
#3	1358.198	1989.305	28487.68	4653.972	2067.740

Sample Name: K4582-01A Acquired: 08/30/2019 18:04:03 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.7360629	1.976409	1.299334	1.535647	.1526633	253.4256	.8357287
Stddev	.0038994	.004151	.004788	.005238	.0003940	1.8918	.0057104
%RSD	.5297689	.2100333	.3684999	.3410759	.2580990	.7464742	.6832793

#1	.7398211	1.971739	1.294242	1.539750	.1528428	251.4427	.8292521
#2	.7320361	1.977806	1.303745	1.537444	.1522115	253.6232	.8378954
#3	.7363315	1.979681	1.300016	1.529748	.1529357	255.2107	.8400386

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1795528	.1834451	-1.77813	.5932416	.3042146	.4719855	340.8322
Stddev	.0021592	.0006208	.09506	.0008398	.0009524	.0044083	2.7075
%RSD	1.202526	.3384243	5.346064	.1415560	.3130838	.9339832	.7943673

#1	.1818995	.1832070	-1.68641	.5931240	.3032915	.4674209	337.8209
#2	.1791088	.1841497	-1.77178	.5924669	.3051939	.4723169	341.6102
#3	.1776502	.1829786	-1.87621	.5941341	.3041586	.4762188	343.0655

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.182702	17.15503	.6714980	.0653203	8.373576	.7180445	.7417935
Stddev	.019393	.15095	.0017204	.0005722	.060546	.0031080	.0029058
%RSD	.8884635	.8799081	.2561960	.8760748	.7230629	.4328463	.3917249

#1	2.160394	16.98423	.6695706	.0647673	8.442126	.7198959	.7440311
#2	2.192175	17.21035	.6728781	.0659100	8.351198	.7144563	.7385094
#3	2.195538	17.27052	.6720453	.0652836	8.327404	.7197814	.7428399

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.36796	13.55943	.0693364	.2910632	1.358743	1.982627	.6401566
Stddev	.05670	.03558	.0128727	.0002774	.005214	.022212	.0033278
%RSD	.3464177	.2624098	18.56557	.0953133	.3837504	1.120336	.5198390

#1	16.30442	13.52535	.0570080	.2913835	1.360159	2.007852	.6363153
#2	16.41340	13.55661	.0683094	.2909084	1.352967	1.974030	.6421636
#3	16.38606	13.59635	.0826919	.2908977	1.363102	1.965998	.6419909

Sample Name: K4582-01A Acquired: 08/30/2019 18:04:03 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.885438	.1465654	.2081186
Stddev	.012302	.0015444	.0009750
%RSD	.6524756	1.053746	.4684685

#1	1.873170	.1447850	.2072153
#2	1.885371	.1473662	.2079885
#3	1.897774	.1475450	.2091521

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1648.772	2464.342	35347.53	5746.649	2176.028
Stddev	5.728	.745	354.83	45.703	3.711
%RSD	.3474036	.0302240	1.003841	.7952901	.1705304

#1	1655.323	2463.941	35689.41	5716.024	2180.301
#2	1646.286	2463.885	34981.02	5724.743	2173.613
#3	1644.707	2465.202	35372.15	5799.182	2174.170

Sample Name: K4567-24DLX10 Acquired: 08/30/2019 18:07:39 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-8-GW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0866392	-.043534	.8916354	.0933133	.0046663	317.6847	1.384524
Stddev	.0032019	.002629	.0045953	.0014406	.0018318	6.0096	.014310
%RSD	3.695637	6.039345	.5153836	1.543836	39.25600	1.891672	1.033538

#1	.0862101	-.045500	.8871276	.0948883	.0050733	310.7478	1.370107
#2	.0836736	-.044554	.8963136	.0920622	.0062604	321.3078	1.398724
#3	.0900340	-.040548	.8914650	.0929895	.0026652	320.9986	1.384741

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165330	.0024141	14.09298	.2107864	.3917529	.6068410	462.9479
Stddev	.0002303	.0001078	.31909	.0014341	.0016426	.0018025	3.9662
%RSD	1.392991	4.463447	2.264182	.6803772	.4192817	.2970362	.8567303

#1	.0163048	.0024070	13.72513	.2117417	.3911073	.6052188	458.6084
#2	.0167653	.0023101	14.29515	.2091373	.3905313	.6087815	466.3855
#3	.0165288	.0025253	14.25866	.2114801	.3936202	.6065225	463.8499

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.00156	42.61365	.7343084	.0015394	17.59417	.4607763	1.064333
Stddev	.18271	.33504	.0027873	.0001743	.12992	.0005104	.001456
%RSD	.9615679	.7862192	.3795851	11.31868	.7384391	.1107610	.1367709

#1	18.79889	42.24319	.7331903	.0017406	17.49721	.4604393	1.065716
#2	19.15368	42.89542	.7322537	.0014440	17.54351	.4613635	1.064469
#3	19.05210	42.70234	.7374812	.0014338	17.74179	.4605262	1.062815

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.44185	21.29322	^ *****	.0127153	3.949709	5.170667	.0263254
Stddev	.02086	.04489	-----	.0003965	.003688	.061829	.0017428
%RSD	.1268772	.2108039	-----	3.118391	.0933678	1.195764	6.620386

#1	16.44771	21.34205	^ -----	.0130721	3.952220	5.101046	.0262912
#2	16.45916	21.25375	^ -----	.0127853	3.945475	5.191782	.0245999
#3	16.41869	21.28385	^ -----	.0122884	3.951431	5.219172	.0280851

Sample Name: K4567-24DLX10 Acquired: 08/30/2019 18:07:39 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-8-GW Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.740874	.1345601	.1547858
Stddev	.012070	.0022547	.0006272
%RSD	.6933307	1.675645	.4051790

#1	1.726985	.1321278	.1540828
#2	1.748818	.1365804	.1549869
#3	1.746820	.1349721	.1552878

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2441.417	3703.070	52564.46	8691.426	2151.491
Stddev	14.028	1.911	243.77	48.776	5.468
%RSD	.5745759	.0516034	.4637459	.5611960	.2541572

#1	2431.019	3701.920	52417.14	8727.075	2152.233
#2	2435.860	3705.276	52430.41	8635.840	2156.551
#3	2457.372	3702.014	52845.83	8711.364	2145.690

Sample Name: K4577-02 Acquired: 08/30/2019 18:11:26 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009747	-.013616	.0260794	.0135890	.0031290	3.251515	.0686919
Stddev	.0011470	.001628	.0025763	.0007211	.0003940	.032642	.0012884
%RSD	117.6796	11.95269	9.878644	5.306762	12.59164	1.003904	1.875571

#1	.0004696	-.012886	.0283857	.0138894	.0035833	3.214379	.0675973
#2	.0022875	-.012482	.0232989	.0141114	.0028802	3.264499	.0683667
#3	.0001669	-.015481	.0265534	.0127663	.0029236	3.275667	.0701117

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	-.000555	43.00234	.0137472	.0023918	.0078277	20.81537
Stddev	.000091	.000037	.82472	.0004405	.0002073	.0017863	.40270
%RSD	333.8653	6.592189	1.917860	3.204040	8.665002	22.82030	1.934608

#1	-.000055	-.000586	42.06552	.0140211	.0021861	.0098736	20.35199
#2	-.000102	-.000515	43.32260	.0139814	.0026006	.0065770	21.01347
#3	.000075	-.000564	43.61890	.0132391	.0023888	.0070326	21.08063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2785142	10.99441	.0024917	-.000080	118.8847	.0181850	.0319267
Stddev	.0051047	.29701	.0008026	.000277	2.2144	.0043584	.0002378
%RSD	1.832836	2.701459	32.21014	345.3581	1.862624	23.96670	.7446819

#1	.2728383	10.65387	.0018306	-.000202	116.4039	.0132700	.0317227
#2	.2799753	11.12944	.0022598	.000237	119.5887	.0197062	.0318696
#3	.2827291	11.19991	.0033847	-.000276	120.6614	.0215789	.0321878

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.03785	.3219631	.0949759	.0043134	3.860998	18.41080	-.000870
Stddev	.28141	.0022046	.0027709	.0003471	.006258	.17798	.002104
%RSD	2.549518	.6847484	2.917487	8.046374	.1620925	.9667060	241.7887

#1	10.76596	.3244885	.0918616	.0039914	3.862699	18.20740	.001504
#2	11.01968	.3204227	.0958975	.0046810	3.866229	18.48702	-.001611
#3	11.32791	.3209781	.0971686	.0042677	3.854064	18.53797	-.002503

Sample Name: K4577-02 Acquired: 08/30/2019 18:11:26 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GW-2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1131710	.0082770	.3888633
Stddev	.0021495	.0007211	.0055279
%RSD	1.899370	8.712306	1.421557

#1	.1109189	.0085302	.3831549
#2	.1133934	.0074634	.3892439
#3	.1152007	.0088373	.3941911

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1275.792	1915.731	27659.23	4640.513	2075.732
Stddev	5.811	1.814	70.15	39.377	2.640
%RSD	.4554661	.0946820	.2536148	.8485444	.1271906

#1	1272.129	1914.009	27685.17	4685.684	2072.935
#2	1272.755	1915.559	27579.80	4613.432	2078.181
#3	1282.492	1917.624	27712.70	4622.423	2076.078

Sample Name: K4577-03 Acquired: 08/30/2019 18:15:16 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022267	-.013483	.0082765	.0102367	.0054493	.0538956	.0313821
Stddev	.0016219	.002668	.0005346	.0011355	.0016779	.0063653	.0005647
%RSD	72.83524	19.79074	6.459372	11.09213	30.79004	11.81040	1.799558

#1	.0003544	-.011340	.0079540	.0113391	.0042670	.0545001	.0307300
#2	.0031980	-.012638	.0088936	.0090708	.0073697	.0472496	.0317109
#3	.0031277	-.016472	.0079819	.0103002	.0047113	.0599371	.0317053

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000471	-.000348	40.60923	.0020077	-.000332	.0013663	1.421143
Stddev	.000009	.000092	.94233	.0001071	.000181	.0019270	.029576
%RSD	1.960256	26.37159	2.320494	5.335864	54.41961	141.0370	2.081154

#1	-.000464	-.000315	39.53937	.0019051	-.000250	-.000329	1.387236
#2	-.000468	-.000278	40.97227	.0019991	-.000539	.003462	1.434559
#3	-.000481	-.000452	41.31605	.0021188	-.000207	.000965	1.441633

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538749	12.61671	-.001243	-.000780	15.30547	.0000518	.0249547
Stddev	.0007843	.32869	.000656	.000571	.51809	.0023906	.0003541
%RSD	1.455824	2.605169	52.80760	73.17270	3.385008	4618.673	1.419107

#1	.0530975	12.24712	-.001908	-.001209	14.71176	-.000928	.0253429
#2	.0538610	12.72677	-.001225	-.000998	15.53869	-.001693	.0246492
#3	.0546660	12.87625	-.000596	-.000132	15.66596	.002777	.0248722

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.192566	.0692979	.0575434	.0065561	18.78905	7.393067	-.001955
Stddev	.199351	.0022439	.0017675	.0006104	.02472	.151841	.000528
%RSD	3.219201	3.237996	3.071539	9.310952	.1315846	2.053833	27.01515

#1	5.967996	.0680371	.0555223	.0071208	18.80981	7.219178	-.001962
#2	6.348634	.0679680	.0587998	.0066392	18.79564	7.499451	-.001423
#3	6.261069	.0718886	.0583079	.0059084	18.76170	7.460571	-.002479

Sample Name: K4577-03 Acquired: 08/30/2019 18:15:16 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008293	-.001696	.3914067
Stddev	.0003242	.001209	.0087965
%RSD	39.08957	71.31369	2.247414

#1	.0007383	-.002074	.3813381
#2	.0011892	-.002671	.3952811
#3	.0005603	-.000343	.3976010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1286.150	1899.413	27780.18	4613.078	2036.092
Stddev	12.943	5.959	292.08	56.456	2.371
%RSD	1.006305	.3137340	1.051409	1.223819	.1164428

#1	1272.838	1892.930	27483.79	4677.031	2034.190
#2	1298.689	1904.653	28067.76	4592.048	2038.748
#3	1286.923	1900.655	27788.99	4570.156	2035.338

Sample Name: K4577-04 Acquired: 08/30/2019 18:19:07 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002792	-.017273	.0151105	.0123155	.0056337	.0807463	.0668086
Stddev	.003596	.001603	.0015024	.0027554	.0012360	.0037110	.0008426
%RSD	128.7873	9.279447	9.942936	22.37365	21.93922	4.595880	1.261165

#1	-.001797	-.019053	.0139524	.0118312	.0046894	.0809511	.0658996
#2	.000202	-.016822	.0145710	.0152810	.0051792	.0843506	.0675634
#3	-.006780	-.015944	.0168082	.0098343	.0070326	.0769371	.0669627

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000346	-.000468	42.83110	.0030139	-.000621	.0008256	10.15796
Stddev	.000050	.000118	.93827	.0003353	.000037	.0021074	.20310
%RSD	14.39477	25.13443	2.190638	11.12485	5.971378	255.2537	1.999431

#1	-.000290	-.000597	41.75003	.0026780	-.000608	.0032518	9.93444
#2	-.000385	-.000367	43.30984	.0033486	-.000592	-.000550	10.20827
#3	-.000363	-.000440	43.43344	.0030152	-.000663	-.000225	10.33119

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2615274	10.24968	-.001442	-.000564	118.8686	.0017094	.0243127
Stddev	.0056505	.21670	.000534	.000378	2.5534	.0042323	.0002062
%RSD	2.160578	2.114189	37.02891	66.98732	2.148074	247.5822	.8480272

#1	.2551881	10.00873	-.000844	-.000989	115.9266	-.001265	.0244913
#2	.2633597	10.31172	-.001611	-.000266	120.5080	-.000161	.0243597
#3	.2660343	10.42860	-.001872	-.000438	120.1711	.006555	.0240871

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.23812	.0984914	.0937717	.0029250	2.834459	13.33376	-.001959
Stddev	.23170	.0009801	.0008839	.0001906	.010940	.07716	.000718
%RSD	2.263144	.9950675	.9426363	6.517109	.3859556	.5786755	36.67677

#1	9.97104	.0981267	.0932802	.0029878	2.833500	13.27302	-.002604
#2	10.35799	.0977459	.0932427	.0027108	2.824031	13.42058	-.001185
#3	10.38534	.0996015	.0947921	.0030762	2.845847	13.30768	-.002087

Sample Name: K4577-04 Acquired: 08/30/2019 18:19:07 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0064778	.0072400	.3781084
Stddev	.0014246	.0002900	.0083616
%RSD	21.99236	4.005099	2.211424

#1	.0068410	.0070170	.3684648
#2	.0076856	.0075678	.3825234
#3	.0049067	.0071351	.3833372

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1276.799	1910.849	27608.37	4575.373	2079.287
Stddev	2.060	4.617	130.85	34.655	1.824
%RSD	.1613731	.2416114	.4739453	.7574186	.0877344

#1	1279.073	1906.375	27724.19	4610.021	2077.349
#2	1275.056	1910.575	27466.43	4540.712	2080.970
#3	1276.268	1915.597	27634.50	4575.387	2079.544

Sample Name: K4577-07 Acquired: 08/30/2019 18:22:57 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075647	-.014686	.0199784	.0099465	.0062444	2.112828	.0462198
Stddev	.0013643	.001667	.0005916	.0030044	.0014514	.056833	.0004458
%RSD	18.03514	11.34883	2.961376	30.20589	23.24260	2.689904	.9645241

#1	.0063770	-.015853	.0204302	.0079257	.0049195	2.052866	.0457246
#2	.0090548	-.012777	.0193087	.0085148	.0077957	2.119715	.0465891
#3	.0072623	-.015428	.0201963	.0133991	.0060181	2.165904	.0463458

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000314	-.000455	40.43999	.0082344	.0008546	.0090879	5.087425
Stddev	.000023	.000062	.71079	.0009514	.0003735	.0034034	.093004
%RSD	7.228243	13.52546	1.757649	11.55353	43.70646	37.44977	1.828107

#1	-.000336	-.000477	39.62782	.0093303	.0005843	.0107333	4.982341
#2	-.000316	-.000386	40.74353	.0077521	.0012808	.0051745	5.120791
#3	-.000290	-.000504	40.94861	.0076207	.0006987	.0113560	5.159143

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0626286	12.93066	.0010114	-.000669	15.06133	.0041962	.0323899
Stddev	.0008569	.28572	.0004020	.000109	.32514	.0025578	.0003214
%RSD	1.368221	2.209670	39.75276	16.36027	2.158781	60.95474	.9924063

#1	.0616391	12.60131	.0013202	-.000547	14.75222	.0014556	.0320294
#2	.0631265	13.07840	.0005568	-.000699	15.03133	.0046132	.0326466
#3	.0631201	13.11227	.0011571	-.000760	15.40043	.0065200	.0324938

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.491518	.3703205	.0555234	.0065961	18.70524	10.30301	-.001884
Stddev	.150804	.0027300	.0009263	.0000728	.04223	.07335	.000819
%RSD	2.323088	.7372092	1.668306	1.103986	.2257526	.7119000	43.47819

#1	6.356050	.3728387	.0544887	.0065228	18.71701	10.21845	-.002246
#2	6.464500	.3674191	.0558062	.0065970	18.74033	10.34111	-.000946
#3	6.654005	.3707036	.0562754	.0066685	18.65837	10.34946	-.002460

Sample Name: K4577-07 Acquired: 08/30/2019 18:22:57 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0581852	-.000723	.3931286
Stddev	.0016463	.001334	.0069173
%RSD	2.829365	184.3942	1.759554

#1	.0562869	-.002075	.3854380
#2	.0590485	.000592	.3951055
#3	.0592203	-.000688	.3988422

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1285.808	1914.253	27641.37	4621.829	2047.607
Stddev	3.740	6.282	37.56	41.261	4.296
%RSD	.2908366	.3281445	.1358737	.8927367	.2097879

#1	1290.011	1907.138	27612.71	4668.981	2043.317
#2	1284.563	1919.029	27627.51	4604.162	2047.595
#3	1282.849	1916.593	27683.88	4592.343	2051.908

Sample Name: K4592-01 Acquired: 08/30/2019 18:26:46 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003251	-.012208	.0310902	.0081994	.0045535	2.170709	.0558847
Stddev	.001023	.002451	.0009842	.0024603	.0012112	.035809	.0016633
%RSD	31.46822	20.07479	3.165602	30.00606	26.59842	1.649630	2.976267

#1	-.002355	-.009862	.0301534	.0053586	.0045032	2.133056	.0539695
#2	-.004365	-.014752	.0310012	.0095929	.0057890	2.174739	.0569670
#3	-.003031	-.012011	.0321158	.0096467	.0033683	2.204333	.0567175

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000705	-.000230	49.63549	.0092062	.0013414	.0043354	4.901234
Stddev	.0000431	.000158	1.10081	.0002686	.0004028	.0011894	.095758
%RSD	61.13024	68.66676	2.217792	2.917709	30.02948	27.43426	1.953761

#1	.0000461	-.000358	48.37514	.0094486	.0016454	.0049265	4.790749
#2	.0001202	-.000279	50.12278	.0089174	.0008845	.0029663	4.960291
#3	.0000451	-.000053	50.40856	.0092526	.0014944	.0051135	4.952661

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532811	9.195858	.0028347	-.000731	158.6900	.0123446	.0758959
Stddev	.0011044	.206742	.0007694	.000219	3.1684	.0007107	.0005258
%RSD	2.072771	2.248203	27.14148	29.90781	1.996587	5.757176	.6928311

#1	.0520199	8.966108	.0035833	-.000852	155.1243	.0125941	.0764862
#2	.0537479	9.254582	.0028748	-.000864	159.7634	.0128969	.0757241
#3	.0540754	9.366886	.0020461	-.000479	161.1822	.0115428	.0754775

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.04342	.1534985	.0840213	.0043448	21.90742	19.29448	-.001894
Stddev	.09765	.0021664	.0024273	.0006210	.05852	.34711	.001271
%RSD	.9722806	1.411382	2.888900	14.29229	.2671032	1.799024	67.08345

#1	9.93121	.1552746	.0812959	.0041439	21.88869	18.89435	-.001159
#2	10.08992	.1510848	.0848176	.0050413	21.86056	19.47431	-.001163
#3	10.10913	.1541361	.0859504	.0038491	21.97301	19.51478	-.003362

Sample Name: K4592-01 Acquired: 08/30/2019 18:26:46 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0711428	.0036863	.4230681
Stddev	.0014594	.0015612	.0058805
%RSD	2.051446	42.35021	1.389976

#1	.0694927	.0019122	.4168432
#2	.0722643	.0048501	.4238314
#3	.0716713	.0042966	.4285297

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1299.184	1948.475	28024.13	4617.337	2095.613
Stddev	5.276	7.292	121.85	70.909	3.091
%RSD	.4061228	.3742222	.4347867	1.535702	.1474773

#1	1293.554	1940.107	27902.05	4698.991	2092.554
#2	1299.982	1951.858	28145.74	4571.264	2098.735
#3	1304.016	1953.461	28024.60	4581.756	2095.549

Sample Name: K4592-01DUP Acquired: 08/30/2019 18:30:35 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-3DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010317	-.011657	.0322123	.0102077	.0038490	2.177416	.0552646
Stddev	.0015798	.002497	.0002930	.0014736	.0016723	.035858	.0006874
%RSD	153.1175	21.41903	.9096741	14.43609	43.44812	1.646807	1.243861

#1	-.000415	-.013501	.0319764	.0089111	.0053088	2.141223	.0544832
#2	.000793	-.008816	.0321202	.0118102	.0042140	2.178097	.0555342
#3	.002717	-.012656	.0325403	.0099016	.0020244	2.212929	.0557763

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000016	-.000341	48.68554	.0088975	.0019221	.0027072	4.856996
Stddev	.000038	.000123	.81166	.0003149	.0003060	.0021585	.070946
%RSD	246.3481	35.95095	1.667141	3.538844	15.92243	79.73133	1.460699

#1	-.000042	-.000317	47.89302	.0086267	.0017723	.0004149	4.777584
#2	.000028	-.000474	48.64853	.0088228	.0017199	.0030060	4.879274
#3	-.000033	-.000232	49.51507	.0092430	.0022742	.0047008	4.914129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0520673	9.055294	.0033523	-.000467	155.4680	.0078692	.0750317
Stddev	.0013153	.127629	.0009385	.000183	2.5058	.0020971	.0010437
%RSD	2.526219	1.409436	27.99587	39.24129	1.611757	26.64875	1.390960

#1	.0508586	8.908423	.0039673	-.000638	152.8234	.0062045	.0757153
#2	.0518751	9.118204	.0022720	-.000274	155.7736	.0102244	.0738304
#3	.0534681	9.139254	.0038175	-.000489	157.8069	.0071788	.0755495

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.873637	.1495629	.0825105	.0043785	21.78353	19.14852	-.001582
Stddev	.264767	.0021334	.0014520	.0005489	.02204	.14414	.003046
%RSD	2.681553	1.426441	1.759800	12.53577	.1011843	.7527219	192.4740

#1	9.712063	.1475262	.0822876	.0038372	21.75814	19.17802	-.000471
#2	9.729653	.1517814	.0811828	.0049347	21.79773	18.99192	.000752
#3	10.17920	.1493809	.0840611	.0043637	21.79473	19.27562	-.005027

Sample Name: K4592-01DUP Acquired: 08/30/2019 18:30:35 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-3DUP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0703579	.0042349	.4168523
Stddev	.0012438	.0003926	.0048710
%RSD	1.767865	9.271525	1.168516

#1	.0693395	.0038563	.4115089
#2	.0699900	.0042083	.4180035
#3	.0717442	.0046402	.4210447

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1307.096	1950.603	28224.48	4640.551	2094.433
Stddev	5.991	3.743	61.78	15.536	4.331
%RSD	.4583332	.1918775	.2188787	.3347790	.2067732

#1	1309.047	1954.039	28273.25	4643.140	2099.406
#2	1300.373	1946.615	28155.01	4654.629	2091.487
#3	1311.868	1951.154	28245.17	4623.883	2092.408

Sample Name: K4592-01LX5 Acquired: 08/30/2019 18:34:24 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW-14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000635	-.000905	.0079913	.0036783	.0018997	.4305313	.0117922
Stddev	.003487	.003434	.0003574	.0010290	.0003468	.0119217	.0008479
%RSD	549.5375	379.4470	4.472098	27.97526	18.25489	2.769068	7.190178

#1	-.004554	.000796	.0083725	.0033600	.0019883	.4177837	.0109295
#2	.002125	-.004857	.0076639	.0028460	.0015172	.4324050	.0118227
#3	.000525	.001346	.0079374	.0048289	.0021936	.4414053	.0126244

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000042	-.000122	9.769705	.0015296	-.000047	.0020231	.9713595
Stddev	.000010	.000006	.485909	.0003307	.000278	.0010926	.0298080
%RSD	22.75767	4.707895	4.973632	21.62092	591.5042	54.00317	3.068687

#1	-.000034	-.000117	9.239607	.0013931	-.000306	.0031123	.9372265
#2	-.000053	-.000129	9.875521	.0019067	.000246	.0009273	.9845888
#3	-.000039	-.000121	10.19399	.0012890	-.000081	.0020297	.9922630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103959	1.826468	.0005167	-.000358	31.32650	.0004339	.0154199
Stddev	.0005179	.076863	.0006461	.000370	1.13854	.0012256	.0003094
%RSD	4.982225	4.208269	125.0254	103.4989	3.634446	282.4692	2.006770

#1	.0100767	1.738829	.0011965	-.000145	30.06232	.0008889	.0157529
#2	.0101175	1.858149	-.000089	-.000785	31.64607	.0013669	.0151413
#3	.0109935	1.882427	.000443	-.000142	32.27111	-.000954	.0153656

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.081192	.0331250	.0145549	.0010471	4.849213	4.022397	-.002514
Stddev	.153941	.0020594	.0008615	.0004108	.015399	.095135	.001143
%RSD	7.396790	6.216931	5.918985	39.23317	.3175522	2.365132	45.47076

#1	1.911891	.0329844	.0136306	.0011106	4.866024	3.917732	-.003823
#2	2.118929	.0311396	.0146985	.0006082	4.835790	4.045842	-.002004
#3	2.212756	.0352511	.0153355	.0014224	4.845826	4.103618	-.001714

Sample Name: K4592-01LX5 Acquired: 08/30/2019 18:34:24 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MW-14 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0153181	-.001802	.0834161
Stddev	.0007860	.000801	.0033193
%RSD	5.131309	44.48150	3.979250

#1	.0153942	-.002726	.0796102
#2	.0144968	-.001375	.0849257
#3	.0160633	-.001304	.0857122

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1360.093	2003.496	28815.92	4775.027	2126.367
Stddev	5.454	1.581	106.03	109.102	2.510
%RSD	.4009795	.0788929	.3679627	2.284838	.1180229

#1	1353.875	2004.026	28727.47	4889.995	2127.636
#2	1362.338	2004.743	28933.46	4762.153	2123.476
#3	1364.065	2001.718	28786.83	4672.934	2127.988

Sample Name: K4592-01MS Acquired: 08/30/2019 18:38:15 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-3MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7728379	2.117679	1.070369	1.727839	.7626400	4.748836	.2744321
Stddev	.0027058	.004821	.003990	.002690	.0040316	.088502	.0037913
%RSD	.3501079	.2276359	.3727406	.1557016	.5286378	1.863666	1.381511

#1	.7753898	2.117369	1.068189	1.729338	.7655200	4.650643	.2701973
#2	.7700009	2.113021	1.067944	1.729446	.7643675	4.773410	.2755885
#3	.7731231	2.122648	1.074974	1.724733	.7580325	4.822453	.2775106

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1974975	.1918816	52.48662	.4085874	.2079748	.3111198	8.407524
Stddev	.0011442	.0000377	.95597	.0012003	.0005443	.0072178	.147347
%RSD	.5793568	.0196379	1.821355	.2937729	.2617288	2.319941	1.752558

#1	.1981583	.1918770	51.46805	.4095302	.2074990	.3036108	8.271099
#2	.1961763	.1918465	52.62745	.4089960	.2078571	.3117425	8.387690
#3	.1981580	.1919214	53.36436	.4072362	.2085684	.3180061	8.563783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2689096	11.72612	.5205349	.0806828	168.1393	.3322575	.2772926
Stddev	.0019609	.20206	.0004619	.0005757	3.4997	.0048583	.0007265
%RSD	.7292161	1.723187	.0887337	.7135112	2.081419	1.462206	.2619910

#1	.2669511	11.51810	.5206909	.0811732	164.4922	.3278310	.2765443
#2	.2689048	11.73861	.5208987	.0808262	168.4556	.3314862	.2779951
#3	.2708729	11.92165	.5200153	.0800490	171.4701	.3374553	.2773382

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.86829	6.133278	.3688664	.3858372	22.60433	21.59920	.6758784
Stddev	.37836	.011933	.0027228	.0014994	.05649	.16298	.0017268
%RSD	1.813093	.1945571	.7381634	.3886174	.2499272	.7545557	.2554934

#1	20.43746	6.142248	.3697428	.3859077	22.65520	21.71935	.6776072
#2	21.02086	6.119735	.3658133	.3873001	22.54353	21.41369	.6758744
#3	21.14655	6.137850	.3710432	.3843037	22.61425	21.66457	.6741536

Sample Name: K4592-01MS Acquired: 08/30/2019 18:38:15 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-3MS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2600913	.1215899	.6547808
Stddev	.0053177	.0025620	.0111287
%RSD	2.044562	2.107083	1.699607

#1	.2541760	.1189610	.6428178
#2	.2616221	.1217295	.6566989
#3	.2644757	.1240793	.6648258

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1285.401	1931.256	27971.67	4599.145	2085.981
Stddev	10.693	6.338	139.58	12.940	5.271
%RSD	.8318714	.3281667	.4989968	.2813597	.2526923

#1	1289.690	1926.240	27922.47	4585.267	2081.110
#2	1273.230	1929.148	27863.35	4610.880	2085.256
#3	1293.284	1938.379	28129.18	4601.288	2091.577

Sample Name: CCV09 Acquired: 08/30/2019 18:41:54 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15424 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.955826	4.873236	4.933319	4.844673	4.947563	9.963373	10.41778
Stddev	.009781	.009023	.013644	.012029	.003062	.077920	.07086
%RSD	.1973605	.1851467	.2765702	.2482950	.0618888	.7820604	.6801454

#1	4.944586	4.862831	4.919600	4.830859	4.946790	9.873907	10.34004
#2	4.962398	4.877984	4.933469	4.852837	4.950937	10.01637	10.43459
#3	4.960495	4.878894	4.946887	4.850323	4.944961	9.99984	10.47873

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2564525	2.422680	25.62261	.9730106	2.458034	1.233794	5.089122
Stddev	.0017633	.004278	.19122	.0046692	.005679	.011032	.038667
%RSD	.6875815	.1765971	.7462919	.4798757	.2310564	.8941721	.7597997

#1	.2545498	2.418926	25.40773	.9714461	2.454649	1.221198	5.044692
#2	.2580316	2.421778	25.68605	.9693245	2.454861	1.238444	5.115160
#3	.2567762	2.427338	25.77404	.9782612	2.464590	1.241740	5.107514

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.571228	25.47029	2.456799	1.257091	25.59892	2.519233	2.472368
Stddev	.016646	.17155	.005473	.007047	.19231	.013419	.007362
%RSD	.6473931	.6735314	.2227806	.5605573	.7512260	.5326806	.2977791

#1	2.554253	25.29639	2.450788	1.265172	25.42882	2.506611	2.476314
#2	2.571906	25.47508	2.458113	1.252228	25.80759	2.517761	2.463874
#3	2.587524	25.63939	2.461495	1.253872	25.56037	2.533328	2.476917

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.04575	5.123495	5.063500	4.930464	4.851685	5.188827	4.935608
Stddev	.16533	.012597	.036928	.000690	.014657	.040302	.013788
%RSD	.6600931	.2458732	.7292973	.0140018	.3020965	.7767128	.2793571

#1	24.89484	5.120824	5.022031	4.931143	4.834807	5.143023	4.921455
#2	25.01996	5.112447	5.092832	4.929763	4.859044	5.218853	4.936369
#3	25.22246	5.137213	5.075637	4.930487	4.861203	5.204604	4.949000

Sample Name: CCV09 Acquired: 08/30/2019 18:41:54 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV15424 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.974078	5.171790	4.893330
Stddev	.021117	.040415	.065232
%RSD	.4245330	.7814432	1.333078

#1	4.950157	5.126117	4.818022
#2	4.990131	5.186331	4.929649
#3	4.981946	5.202922	4.932318

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1346.698	2013.443	28869.64	4672.315	2152.268
Stddev	11.650	.605	288.83	3.719	2.518
%RSD	.8651038	.0300508	1.000474	.0796043	.1170135

#1	1334.106	2013.853	28602.39	4675.370	2153.654
#2	1357.095	2012.748	29176.06	4673.403	2153.789
#3	1348.892	2013.728	28830.47	4668.174	2149.361

Sample Name: CCB09 Acquired: 08/30/2019 18:45:32 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15424 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000978	.0016545	.0006563	.0001807	.0015026	.0062375	.0017737
Stddev	.003534	.0022857	.0005630	.0017013	.0013351	.0065864	.0001258
%RSD	361.2986	138.1527	85.78567	941.4405	88.85161	105.5935	7.092414

#1	.003080	.0012195	.0007322	.0011722	.0007312	.0033805	.0017110
#2	-.002632	.0041265	.0011774	.0011536	.0007324	.0015620	.0016916
#3	-.003383	-.000382	.0000592	-.001784	.0030442	.0137700	.0019185

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000087	.0000249	-.002764	.0002234	.0000186	.0015986	.0094138
Stddev	.000038	.0000474	.007667	.0005611	.0001782	.0017243	.0050704
%RSD	43.70897	190.5051	277.3668	251.1115	955.4718	107.8686	53.86123

#1	-.000129	.0000795	-.005155	.0003012	-.000117	.0033218	.0036462
#2	-.000054	.0000008	.005813	.0007415	-.000048	-.000127	.0131693
#3	-.000079	-.000006	-.008951	-.000372	.000221	.001601	.0114260

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000293	-.007757	-.000634	-.000454	-.039013	-.000875	.0000213
Stddev	.000566	.003972	.000314	.000320	.057776	.001178	.0002900
%RSD	193.0728	51.20492	49.52884	70.41709	148.0925	134.6631	1362.311

#1	.000355	-.004985	-.000954	-.000764	-.080959	-.000029	-.000311
#2	-.000545	-.012308	-.000326	-.000473	.026887	-.002220	.000151
#3	-.000690	-.005979	-.000623	-.000125	-.062967	-.000376	.000224

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1346623	.0014054	.0073565	.0007512	-.009509	.0095598	-.000323
Stddev	.1706793	.0021639	.0006935	.0002251	.001899	.0012939	.001476
%RSD	126.7461	153.9700	9.427540	29.96066	19.97003	13.53503	457.1369

#1	.2243535	.0028757	.0067230	.0010077	-.007363	.0108227	.001342
#2	-.062164	-.001079	.0080975	.0005871	-.010189	.0096198	-.001471
#3	.241797	.002420	.0072491	.0006587	-.010974	.0082369	-.000840

Sample Name: CCB09 Acquired: 08/30/2019 18:45:32 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB15424 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016667	-.004073	.0003062
Stddev	.0013330	.001298	.0001494
%RSD	79.97466	31.88280	48.78759

#1	.0031465	-.003201	.0004468
#2	.0012935	-.003452	.0003225
#3	.0005602	-.005565	.0001494

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1364.837	2026.433	28846.71	4675.432	2094.055
Stddev	12.938	3.737	186.55	23.418	2.894
%RSD	.9479370	.1844054	.6466998	.5008770	.1381965

#1	1359.822	2028.995	28926.90	4670.024	2096.918
#2	1379.531	2022.145	28979.75	4701.082	2094.116
#3	1355.157	2028.159	28633.47	4655.192	2091.131

Sample Name: K4592-01MSD Acquired: 08/30/2019 18:49:26 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-3MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7681695	2.101038	1.064437	1.740453	.7566453	4.704022	.2720456
Stddev	.0128183	.014463	.010178	.010335	.0043005	.074046	.0026430
%RSD	1.668680	.6883930	.9561817	.5938020	.5683606	1.574090	.9715410

#1	.7538257	2.084773	1.053555	1.728754	.7537814	4.623864	.2689988
#2	.7721793	2.105887	1.066033	1.744268	.7545641	4.718337	.2734156
#3	.7785036	2.112454	1.073723	1.748339	.7615905	4.769865	.2737224

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1959933	.1918133	52.05628	.4055724	.2078455	.3078657	8.342899
Stddev	.0007135	.0021277	.56449	.0006883	.0018666	.0063584	.082325
%RSD	.3640364	1.109275	1.084379	.1697202	.8980749	2.065332	.9867709

#1	.1955945	.1893619	51.40479	.4051656	.2057607	.3009140	8.248685
#2	.1968170	.1928962	52.39978	.4063672	.2084143	.3092960	8.379037
#3	.1955683	.1931817	52.36426	.4051844	.2093615	.3133872	8.400974

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2674123	11.52998	.5187753	.0808143	166.4749	.3290341	.2776303
Stddev	.0032208	.21737	.0041355	.0002688	2.4451	.0078646	.0005208
%RSD	1.204424	1.885229	.7971663	.3325809	1.468773	2.390217	.1875726

#1	.2637363	11.28772	.5141255	.0810869	163.7751	.3205877	.2773327
#2	.2687612	11.59429	.5201583	.0805495	167.1092	.3361463	.2773266
#3	.2697392	11.70794	.5220421	.0808063	168.5404	.3303681	.2782316

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.58326	6.095628	.3716638	.3840124	22.72914	21.29913	.6721027
Stddev	.49988	.042966	.0011817	.0034352	.20790	.07376	.0062314
%RSD	2.428589	.7048726	.3179510	.8945453	.9146921	.3463161	.9271470

#1	20.01934	6.046132	.3703720	.3800460	22.48908	21.28353	.6652563
#2	20.75857	6.117423	.3726903	.3860281	22.84844	21.37944	.6736086
#3	20.97188	6.123328	.3719291	.3859631	22.84991	21.23441	.6774431

Sample Name: K4592-01MSD Acquired: 08/30/2019 18:49:26 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-3MSD Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2590590	.1208179	.6517562
Stddev	.0042547	.0005533	.0117235
%RSD	1.642387	.4579875	1.798761

#1	.2542210	.1206588	.6393239
#2	.2607379	.1214333	.6533334
#3	.2622182	.1203615	.6626113

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1291.093	1936.065	28109.54	4647.353	2095.077
Stddev	3.100	7.771	118.62	16.047	8.331
%RSD	.2401168	.4013945	.4220072	.3452985	.3976528

#1	1291.024	1944.935	28018.11	4640.148	2104.248
#2	1294.227	1932.808	28066.92	4636.171	2093.008
#3	1288.028	1930.453	28243.58	4665.740	2087.976

Sample Name: K4592-01A Acquired: 08/30/2019 18:53:06 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EB-3-082819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7678984	2.124705	1.073090	1.739383	.7566169	4.736160	.2732969
Stddev	.0023200	.005277	.001581	.003306	.0021044	.090391	.0049050
%RSD	.3021198	.2483572	.1472943	.1900817	.2781287	1.908536	1.794757

#1	.7686125	2.118614	1.074817	1.742762	.7567809	4.632999	.2678037
#2	.7697774	2.127598	1.072740	1.739232	.7586344	4.773994	.2748483
#3	.7653053	2.127902	1.071715	1.736155	.7544353	4.801488	.2772386

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1981397	.1938446	52.46840	.4079268	.2088092	.3084240	8.361388
Stddev	.0003763	.0004012	1.10282	.0005635	.0003241	.0054729	.189248
%RSD	.1898957	.2069849	2.101875	.1381381	.1552033	1.774467	2.263356

#1	.1977799	.1936098	51.21003	.4076084	.2090212	.3021144	8.163933
#2	.1981087	.1936162	52.92847	.4075945	.2084361	.3118862	8.379040
#3	.1985305	.1943079	53.26669	.4085774	.2089702	.3112713	8.541192

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2674618	11.63594	.5230808	.0810224	168.1154	.3323884	.2764922
Stddev	.0061045	.31610	.0009118	.0003832	2.6803	.0084632	.0021386
%RSD	2.282380	2.716566	.1743119	.4729456	1.594348	2.546172	.7734845

#1	.2604395	11.28368	.5221701	.0809046	165.0581	.3226217	.2749116
#2	.2704440	11.72931	.5230787	.0814506	169.2271	.3375618	.2789257
#3	.2715020	11.89484	.5239937	.0807119	170.0611	.3369818	.2756394

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.96053	6.140111	.3749898	.3852786	22.83534	21.55418	.6790477
Stddev	.37341	.012537	.0007348	.0010410	.03791	.01848	.0036258
%RSD	1.781471	.2041835	.1959489	.2701847	.1660243	.0857484	.5339473

#1	20.59444	6.154085	.3742249	.3862673	22.87464	21.56013	.6763065
#2	20.94631	6.136400	.3750542	.3853762	22.79899	21.53346	.6831588
#3	21.34085	6.129849	.3756902	.3841923	22.83240	21.56896	.6776778

Sample Name: K4592-01A Acquired: 08/30/2019 18:53:06 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EB-3-082819 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2590964	.1226531	.6562903
Stddev	.0053726	.0030873	.0106165
%RSD	2.073597	2.517078	1.617659

#1	.2529223	.1191105	.6448043
#2	.2616592	.1240794	.6583233
#3	.2627079	.1247694	.6657433

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1294.455	1931.569	28091.49	4606.090	2079.803
Stddev	16.647	7.328	43.89	30.241	3.063
%RSD	1.286032	.3794003	.1562460	.6565418	.1472624

#1	1311.806	1928.328	28135.07	4640.746	2077.631
#2	1278.615	1926.419	28047.29	4592.472	2078.472
#3	1292.944	1939.959	28092.10	4585.053	2083.306

Sample Name: K4592-02 Acquired: 08/30/2019 18:56:45 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004704	-.008222	.0228542	.0087727	.0054205	1.200896	.0263011
Stddev	.0013368	.001076	.0009748	.0011962	.0013287	.028479	.0008584
%RSD	284.1807	13.08836	4.265484	13.63599	24.51339	2.371506	3.263656

#1	-.000584	-.008411	.0226760	.0093414	.0038888	1.173676	.0255216
#2	.000021	-.009192	.0239058	.0073982	.0062645	1.198525	.0261608
#3	.001974	-.007064	.0219807	.0095785	.0061080	1.230486	.0272211

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000373	-.000312	54.52527	.0098955	.0006450	.0020830	1.443108
Stddev	.000062	.000069	1.30669	.0002991	.0004565	.0010746	.041958
%RSD	16.58116	22.17051	2.396489	3.022708	70.77704	51.58769	2.907474

#1	-.000442	-.000251	53.03115	.0097939	.0010304	.0010179	1.395733
#2	-.000354	-.000387	55.09025	.0102322	.0007637	.0020642	1.458009
#3	-.000323	-.000297	55.45440	.0096605	.0001409	.0031668	1.475582

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4437078	19.47947	-.000062	-.000145	331.4483	.0125826	.0272056
Stddev	.0090562	.47054	.000434	.000541	7.1948	.0018875	.0006541
%RSD	2.041023	2.415561	703.9266	373.3860	2.170717	15.00108	2.404252

#1	.4333119	18.94117	-.000523	.000117	323.1547	.0104616	.0271535
#2	.4479271	19.81248	-.000000	-.000767	335.1742	.0140777	.0278842
#3	.4498845	19.68477	.000338	.000215	336.0161	.0132086	.0265791

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.53470	.6632047	.1459217	.0029734	21.68979	18.02689	-.001516
Stddev	.38326	.0045905	.0031128	.0001217	.08466	.29093	.001902
%RSD	2.317923	.6921757	2.133212	4.093790	.3903241	1.613841	125.4056

#1	16.09483	.6581325	.1423425	.0028475	21.76860	17.69100	.000607
#2	16.71250	.6644074	.1474262	.0029822	21.70048	18.19946	-.002096
#3	16.79676	.6670741	.1479966	.0030905	21.60029	18.19021	-.003061

Sample Name: K4592-02 Acquired: 08/30/2019 18:56:45 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-4A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0566049	.0101258	.4763403
Stddev	.0012885	.0014011	.0079891
%RSD	2.276380	13.83642	1.677183

#1	.0551494	.0088973	.4671810
#2	.0570655	.0098285	.4799676
#3	.0575999	.0116517	.4818722

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1288.415	1934.564	27839.36	4546.686	2104.114
Stddev	8.128	7.816	65.68	65.406	6.257
%RSD	.6308415	.4040331	.2359303	1.438539	.2973645

#1	1282.003	1926.994	27880.01	4622.209	2096.894
#2	1285.685	1934.093	27874.48	4509.204	2107.946
#3	1297.556	1942.605	27763.58	4508.644	2107.503

Sample Name: K4592-03 Acquired: 08/30/2019 19:00:36 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003630	-.010840	.0212272	.0109038	.0036583	1.147928	.0256964
Stddev	.001485	.002497	.0047896	.0014907	.0024905	.018963	.0003459
%RSD	40.89491	23.03653	22.56347	13.67134	68.07957	1.651918	1.346280

#1	-.004153	-.013058	.0194772	.0106765	.0064352	1.127261	.0253073
#2	-.001955	-.011326	.0175587	.0095399	.0016222	1.151995	.0258127
#3	-.004782	-.008135	.0266457	.0124951	.0029174	1.164527	.0259692

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000182	-.000240	62.32392	.0071985	.0017381	.0020751	2.696905
Stddev	.000037	.000055	.75690	.0001189	.0004721	.0004715	.039596
%RSD	20.27131	22.84974	1.214462	1.651507	27.16152	22.72268	1.468186

#1	-.000139	-.000182	61.61122	.0070793	.0022781	.0020755	2.664679
#2	-.000204	-.000248	62.24216	.0071993	.0014039	.0016033	2.684931
#3	-.000202	-.000291	63.11838	.0073170	.0015322	.0025463	2.741106

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0641426	11.38975	.0016148	-.000696	197.7398	.0003227	.0559556
Stddev	.0001073	.18623	.0004527	.000192	2.6659	.0026666	.0008555
%RSD	.1673312	1.635094	28.03740	27.55766	1.348174	826.2719	1.528810

#1	.0642635	11.18847	.0014961	-.000893	195.2222	-.002639	.0567623
#2	.0640586	11.42483	.0021151	-.000685	197.4646	.002532	.0560460
#3	.0641056	11.55595	.0012332	-.000510	200.5326	.001075	.0550585

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.17788	.1370726	.1274097	.0070832	35.34947	16.19027	-.003235
Stddev	.30887	.0011130	.0010763	.0002792	.16321	.14232	.001161
%RSD	2.178523	.8119587	.8447384	3.942383	.4617169	.8790332	35.89632

#1	13.83590	.1358477	.1274207	.0071424	35.49966	16.21939	-.003701
#2	14.26123	.1373485	.1263279	.0067791	35.17578	16.03564	-.004092
#3	14.43653	.1380217	.1284804	.0073281	35.37297	16.31577	-.001913

Sample Name: K4592-03 Acquired: 08/30/2019 19:00:36 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0366345	.0176781	.5024296
Stddev	.0015129	.0006702	.0071857
%RSD	4.129772	3.791193	1.430199

#1	.0350011	.0176448	.4943183
#2	.0369144	.0170251	.5049719
#3	.0379879	.0183643	.5079986

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1305.455	1945.996	28264.87	4657.558	2098.670
Stddev	10.531	1.949	42.81	23.264	5.897
%RSD	.8067177	.1001298	.1514520	.4994911	.2809748

#1	1305.599	1944.037	28299.64	4654.107	2096.808
#2	1294.852	1946.019	28217.06	4682.355	2105.273
#3	1315.913	1947.933	28277.90	4636.212	2093.929

Sample Name: K4592-04 Acquired: 08/30/2019 19:04:26 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001954	-.012762	.0192132	.0091963	.0037520	.1167210	.0445094
Stddev	.002931	.001954	.0021680	.0014843	.0015210	.0150694	.0011378
%RSD	149.9774	15.30900	11.28386	16.14059	40.53818	12.91063	2.556417

#1	-.005306	-.014717	.0200985	.0105731	.0042495	.1294010	.0435041
#2	.000128	-.010810	.0207985	.0076238	.0049620	.1207008	.0442794
#3	-.000684	-.012760	.0167427	.0093920	.0020446	.1000611	.0457447

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000386	-.000235	53.92549	.0029031	.0009926	-.000808	.8671836
Stddev	.000071	.000057	.57676	.0002272	.0004499	.000663	.0153961
%RSD	18.33659	24.08599	1.069544	7.824909	45.32716	82.09770	1.775415

#1	-.000467	-.000274	53.26541	.0026531	.0014425	-.001562	.8557994
#2	-.000340	-.000262	54.17888	.0029594	.0005426	-.000315	.8610504
#3	-.000351	-.000170	54.33217	.0030969	.0009928	-.000547	.8847011

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0399575	9.541857	-.000921	-.000260	179.3955	.0039921	.0401510
Stddev	.0004341	.145503	.000311	.000260	2.9660	.0030730	.0005169
%RSD	1.086437	1.524887	33.75373	99.82590	1.653354	76.97874	1.287505

#1	.0396544	9.376073	-.001194	.000016	176.0079	.0061739	.0406583
#2	.0397633	9.601134	-.000987	-.000500	180.6530	.0053246	.0401697
#3	.0404548	9.648365	-.000583	-.000296	181.5257	.0004777	.0396249

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.13194	.0270718	.0939106	.0047386	23.26228	17.55828	-.002134
Stddev	.23498	.0020082	.0002514	.0001715	.20863	.11703	.001035
%RSD	2.110835	7.418009	.2676901	3.620058	.8968442	.6665211	48.50512

#1	10.86713	.0284012	.0941997	.0046005	23.29140	17.50461	-.002205
#2	11.21314	.0247617	.0937891	.0049307	23.45482	17.47770	-.001065
#3	11.31555	.0280525	.0937430	.0046847	23.04062	17.69251	-.003132

Sample Name: K4592-04 Acquired: 08/30/2019 19:04:26 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0033015	.0080080	.4671085
Stddev	.0008714	.0003661	.0085016
%RSD	26.39289	4.571130	1.820058

#1	.0025843	.0081988	.4573010
#2	.0030490	.0075860	.4723833
#3	.0042712	.0082393	.4716412

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1278.842	1922.678	27805.55	4584.748	2088.715
Stddev	14.773	12.353	61.48	7.839	15.169
%RSD	1.155199	.6424771	.2211120	.1709773	.7262435

#1	1274.575	1914.699	27735.37	4593.790	2088.336
#2	1266.673	1916.429	27831.35	4580.581	2073.740
#3	1295.280	1936.907	27849.92	4579.873	2104.071

Sample Name: K4592-05 Acquired: 08/30/2019 19:08:17 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002162	-.010598	.0215666	.0102578	.0044245	.0966132	.0293756
Stddev	.001391	.001487	.0010419	.0011932	.0009783	.0090046	.0004432
%RSD	64.34879	14.02894	4.831228	11.63237	22.11149	9.320279	1.508827

#1	-.003435	-.009145	.0205866	.0103920	.0035925	.1030331	.0289401
#2	-.000677	-.010533	.0226610	.0113783	.0041788	.1004864	.0293604
#3	-.002374	-.012117	.0214522	.0090032	.0055023	.0863200	.0298262

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000414	-.000288	60.80575	.0063672	.0018075	.0015605	.3050837
Stddev	.000109	.000033	2.07523	.0009075	.0001358	.0021066	.0084036
%RSD	26.38424	11.52708	3.412884	14.25269	7.512014	134.9924	2.754516

#1	-.000294	-.000261	58.45547	.0067662	.0019642	.0004685	.3040488
#2	-.000441	-.000279	61.57625	.0053286	.0017253	.0002242	.2972455
#3	-.000507	-.000325	62.38552	.0070069	.0017330	.0039889	.3139568

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4568238	21.56414	-.001022	-.000296	374.2669	.0115157	.0230542
Stddev	.0153898	.76468	.000077	.000277	11.3455	.0012335	.0002339
%RSD	3.368859	3.546070	7.559397	93.62925	3.031405	10.71105	1.014406

#1	.4391557	20.74093	-.000947	-.000513	361.3168	.0109138	.0232998
#2	.4640084	21.69921	-.001101	.000016	379.0265	.0129345	.0230288
#3	.4673075	22.25229	-.001020	-.000391	382.4574	.0106987	.0228342

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.42838	.7105636	.1633342	.0025135	25.18695	17.95396	-.003353
Stddev	.64714	.0045991	.0041348	.0002818	.07521	.40774	.000413
%RSD	3.511667	.6472528	2.531520	11.21228	.2986021	2.271013	12.30448

#1	17.72573	.7098698	.1587004	.0024253	25.15037	17.51604	-.002881
#2	18.55945	.7063507	.1646547	.0028288	25.13704	18.02321	-.003645
#3	18.99995	.7154702	.1666475	.0022863	25.27346	18.32264	-.003533

Sample Name: K4592-05 Acquired: 08/30/2019 19:08:17 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-4A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0118971	.0124696	.5306499
Stddev	.0007995	.0008936	.0133123
%RSD	6.719668	7.166440	2.508674

#1	.0109780	.0125293	.5160202
#2	.0124307	.0133318	.5338785
#3	.0122828	.0115476	.5420509

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1280.228	1934.952	27773.74	4589.643	2111.587
Stddev	3.602	.529	40.63	111.042	4.772
%RSD	.2813329	.0273176	.1462966	2.419398	.2259780

#1	1283.146	1934.404	27789.06	4707.333	2107.297
#2	1281.334	1935.459	27804.49	4574.869	2110.737
#3	1276.203	1934.993	27727.67	4486.728	2116.726

Sample Name: K4592-06 Acquired: 08/30/2019 19:12:06 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001363	-.016632	.0182407	.0106898	.0054001	.1021641	.0277924
Stddev	.004607	.001266	.0030308	.0012636	.0010377	.0055979	.0010524
%RSD	337.9231	7.613571	16.61548	11.82081	19.21584	5.479360	3.786450

#1	.002015	-.016170	.0209661	.0120540	.0064410	.0973952	.0267230
#2	.000506	-.018065	.0187793	.0095594	.0043657	.1007695	.0278274
#3	-.006611	-.015662	.0149767	.0104561	.0053936	.1083274	.0288269

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000500	-.000218	71.23005	.0024652	.0042567	.0033052	.6218341
Stddev	.000041	.000043	2.31571	.0005112	.0002452	.0032632	.0220445
%RSD	8.218708	19.67750	3.251034	20.73709	5.759662	98.73051	3.545073

#1	-.000548	-.000173	68.71646	.0019005	.0040341	.0031898	.5973904
#2	-.000472	-.000223	71.69695	.0028965	.0045195	.0001012	.6279047
#3	-.000482	-.000259	73.27673	.0025985	.0042166	.0066246	.6402073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0652311	12.64853	-.000758	-.000307	224.6211	.0018487	.0297299
Stddev	.0024740	.41068	.000569	.000370	6.0952	.0013782	.0003047
%RSD	3.792616	3.246893	75.02442	120.6646	2.713534	74.54781	1.024890

#1	.0624490	12.22489	-.000125	-.000732	217.7148	.0003939	.0299272
#2	.0660608	12.67580	-.001226	-.000127	226.8997	.0020177	.0293789
#3	.0671836	13.04490	-.000925	-.000061	229.2486	.0031347	.0298834

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.70994	.0398392	.1495673	.0075195	38.50229	16.24213	-.003335
Stddev	.46269	.0012997	.0020901	.0000877	.16987	.29347	.000193
%RSD	2.945187	3.262239	1.397448	1.166264	.4411898	1.806850	5.776321

#1	15.20688	.0394131	.1471562	.0075420	38.42859	15.95188	-.003530
#2	15.80567	.0388061	.1506810	.0074227	38.38172	16.23580	-.003145
#3	16.11727	.0412985	.1508648	.0075937	38.69656	16.53872	-.003330

Sample Name: K4592-06 Acquired: 08/30/2019 19:12:06 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GW-5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017854	.0206759	.5635706
Stddev	.0004075	.0007407	.0130923
%RSD	22.82550	3.582290	2.323089

#1	.0013240	.0198207	.5489365
#2	.0020963	.0210953	.5676031
#3	.0019360	.0211117	.5741723

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1286.227	1922.789	27817.22	4558.419	2102.029
Stddev	8.296	5.182	51.92	80.438	4.290
%RSD	.6450140	.2695141	.1866497	1.764593	.2041082

#1	1281.675	1916.807	27784.61	4644.820	2102.622
#2	1295.803	1925.905	27877.10	4544.737	2105.992
#3	1281.202	1925.656	27789.96	4485.700	2097.473

Sample Name: K4579-01 Acquired: 08/30/2019 19:15:56 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PAR-12-A1-A4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0370932	-.012676	1.420484	.1093939	.0097611	240.5231	1.785031
Stddev	.0044826	.008504	.003815	.0016988	.0021412	1.9108	.015259
%RSD	12.08456	67.08878	.2686047	1.552886	21.93613	.7944504	.8548579

#1	.0319180	-.019215	1.422073	.1074914	.0073205	238.4876	1.768009
#2	.0397594	-.003062	1.416131	.1099315	.0106386	240.8033	1.797483
#3	.0396022	-.015753	1.423249	.1107588	.0113241	242.2783	1.789602

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180329	.0003234	261.8776	.3906534	.3390935	.9575703	485.4284
Stddev	.0001411	.0000601	2.7891	.0015839	.0009009	.0093354	5.0421
%RSD	.7822944	18.58042	1.065057	.4054557	.2656835	.9749076	1.038699

#1	.0178718	.0002625	258.6791	.3924745	.3390040	.9477510	479.6163
#2	.0180928	.0003250	263.8032	.3898893	.3382407	.9586283	488.0390
#3	.0181342	.0003827	263.1506	.3895963	.3400359	.9663317	488.6300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.15116	97.45137	.4876276	.0038733	3.242787	.6663307	3.050758
Stddev	.11140	.99509	.0015554	.0003082	.358939	.0046351	.005378
%RSD	1.097364	1.021117	.3189737	7.957194	11.06884	.6956163	.1762972

#1	10.02264	96.31435	.4869808	.0035813	3.169986	.6627552	3.054724
#2	10.21082	97.87635	.4865000	.0038430	2.925830	.6646694	3.044636
#3	10.22002	98.16341	.4894021	.0041955	3.632547	.6715675	3.052914

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	68.21466	7.997300	-.181928	.0066190	4.571043	1.444422	.0191844
Stddev	.32188	.035610	.007742	.0002066	.014894	.012482	.0001817
%RSD	.4718596	.4452696	4.255509	3.120910	.3258236	.8641345	.9470514

#1	67.91372	8.033516	-.190727	.0066568	4.584460	1.430135	.0190528
#2	68.17623	7.962329	-.178898	.0068040	4.555017	1.449915	.0191087
#3	68.55402	7.996054	-.176159	.0063961	4.573651	1.453214	.0193917

Sample Name: K4579-01 Acquired: 08/30/2019 19:15:56 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PAR-12-A1-A4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	16.86565	.2370692	.3740133
Stddev	.14854	.0039196	.0019366
%RSD	.8807305	1.653370	.5177827

#1	16.70668	.2327308	.3724611
#2	16.88937	.2403552	.3733954
#3	17.00090	.2381217	.3761834

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1645.617	2496.894	35867.14	5888.331	2155.518
Stddev	3.922	6.010	238.65	20.150	10.491
%RSD	.2383052	.2407085	.6653644	.3422054	.4866944

#1	1641.103	2495.956	35591.81	5907.819	2156.564
#2	1648.184	2503.319	35994.97	5867.579	2165.446
#3	1647.564	2491.409	36014.65	5889.594	2144.543

Sample Name: K4579-08 Acquired: 08/30/2019 19:19:36 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PAR-12-B1-B4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0718939	-.017129	2.076680	.0746656	.0115560	136.8549
Stddev	.0014523	.003907	.006576	.0013461	.0020432	2.8292
%RSD	2.020086	22.80715	.3166731	1.802856	17.68136	2.067284

#1	.0715109	-.017025	2.077142	.0749889	.0138972	134.2431
#2	.0734993	-.013276	2.069885	.0758207	.0101324	139.8603
#3	.0706714	-.021087	2.083014	.0731873	.0106383	136.4614

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.048453	.0122001	.0071822	F 911.7691	.2494470	.1834250
Stddev	.022941	.0001494	.0002187	22.3312	.0002836	.0007308
%RSD	2.188050	1.224140	3.044983	2.449214	.1136762	.3984352

#1	1.026659	.0122278	.0073329	889.2448	.2496998	.1834952
#2	1.072390	.0123337	.0069313	933.9021	.2491404	.1826616
#3	1.046309	.0120389	.0072823	912.1603	.2495008	.1841181

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8253181	334.4105	5.442081	143.6644	.3689647	.0030581
Stddev	.0166474	6.5190	.108668	3.0759	.0015256	.0004240
%RSD	2.017093	1.949409	1.996812	2.141062	.4134911	13.86353

#1	.8111776	328.7314	5.341165	141.0056	.3675353	.0029682
#2	.8436654	341.5289	5.557120	147.0333	.3687877	.0035198
#3	.8211112	332.9712	5.427956	142.9544	.3705712	.0026863

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.572185	.4002543	2.133274	33.71870	7.741198	-.118098
Stddev	.119525	.0103725	.003108	.64657	.017846	.006737
%RSD	4.646840	2.591482	.1456846	1.917553	.2305272	5.704332

#1	2.691531	.3922069	2.136345	33.22122	7.739635	-.123754
#2	2.572543	.4119603	2.133348	34.44956	7.724186	-.119894
#3	2.452481	.3965955	2.130130	33.48532	7.759774	-.110645

Sample Name: K4579-08 Acquired: 08/30/2019 19:19:36 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PAR-12-B1-B4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067057	10.50578	1.671386	.0669961	7.884116	.1454732
Stddev	.0004658	.00300	.031215	.0026473	.150881	.0037009
%RSD	6.945667	.0285336	1.867632	3.951419	1.913738	2.544070

#1	.0061967	10.50232	1.664423	.0700453	7.751009	.1417402
#2	.0071106	10.50761	1.705495	.0656588	8.048020	.1491412
#3	.0068099	10.50740	1.644240	.0652843	7.853319	.1455383

Elem	Sr4077
Units	ppm
Avg	1.639133
Stddev	.027647
%RSD	1.686656

#1	1.614523
#2	1.669048
#3	1.633829

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1532.033	2322.390	33842.18	5615.613	2057.281
Stddev	4.255	3.018	158.73	89.808	4.772
%RSD	.2777344	.1299411	.4690379	1.599258	.2319494

#1	1535.159	2319.509	34019.82	5647.899	2054.755
#2	1533.752	2325.528	33792.46	5514.125	2062.785
#3	1527.187	2322.134	33714.26	5684.815	2054.303

Sample Name: K4580-03 Acquired: 08/30/2019 19:23:24 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T12-B1-B4-(0 Custom ID2:
Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1896744	-.030297	5.218194	.0706776	.0116589	116.2456
Stddev	.0043842	.000825	.012046	.0033243	.0008621	.7304
%RSD	2.311443	2.722537	.2308551	4.703410	7.394080	.6283011

#1	.1947324	-.029920	5.209414	.0715874	.0112927	115.6254
#2	.1873289	-.029728	5.213240	.0669931	.0110404	116.0608
#3	.1869619	-.031243	5.231927	.0734522	.0126436	117.0507

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.512634	.0091516	.0472144	F 1838.648	.2703245	.2029879
Stddev	.010572	.0000488	.0000826	21.665	.0015573	.0002730
%RSD	.6989435	.5330179	.1749356	1.178312	.5760957	.1344982

#1	1.507942	.0091454	.0471434	1814.916	.2698501	.2027930
#2	1.505219	.0091062	.0473050	1843.660	.2720638	.2032999
#3	1.524740	.0092032	.0471946	1857.368	.2690595	.2028707

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.012761	328.1867	7.613125	216.5532	.5094255	.0071767
Stddev	.018393	1.8239	.071736	1.2882	.0013261	.0003058
%RSD	.4583580	.5557425	.9422624	.5948670	.2603112	4.261612

#1	3.992239	327.4995	7.589958	216.3634	.5079475	.0073676
#2	4.018287	326.8063	7.555836	215.3704	.5105112	.0068239
#3	4.027758	330.2544	7.693581	217.9258	.5098179	.0073384

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.316415	.4577793	17.59883	26.08160	13.93962	-.100550
Stddev	.208504	.0016328	.09268	.12070	.01446	.006413
%RSD	6.287036	.3566670	.5266287	.4627775	.1037356	6.378228

#1	3.442702	.4573068	17.70441	25.94536	13.92444	-.103569
#2	3.075753	.4595961	17.56117	26.12429	13.94117	-.093184
#3	3.430790	.4564348	17.53090	26.17516	13.95324	-.104896

Sample Name: K4580-03 Acquired: 08/30/2019 19:23:24 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T12-B1-B4-(0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193045	27.37488	1.923418	.0825392	5.327100	.1290886
Stddev	.0014081	.01790	.021072	.0026077	.032975	.0016606
%RSD	7.293995	.0653765	1.095568	3.159337	.6189996	1.286405

#1	.0187411	27.37685	1.922317	.0848201	5.307316	.1290456
#2	.0182655	27.35608	1.902917	.0796963	5.308819	.1274499
#3	.0209071	27.39172	1.945019	.0831011	5.365166	.1307703

Elem	Sr4077
Units	ppm
Avg	2.469262
Stddev	.009598
%RSD	.3887035

#1	2.462337
#2	2.465231
#3	2.480218

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1507.440	2324.958	33912.41	5719.458	2000.202
Stddev	9.591	4.256	321.11	53.522	2.744
%RSD	.6362513	.1830624	.9468707	.9357900	.1372038

#1	1497.007	2326.658	33848.89	5710.442	2001.326
#2	1509.439	2328.101	33627.82	5776.915	1997.074
#3	1515.875	2320.115	34260.54	5671.016	2002.206

Sample Name: CCV10 Acquired: 08/30/2019 19:27:12 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S403-K1-1.0- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.979551	4.881178	4.935545	4.894493	4.994363	9.997481	10.44256
Stddev	.014262	.017388	.016523	.012988	.012131	.089902	.12371
%RSD	.2864100	.3562222	.3347817	.2653506	.2428964	.8992438	1.184652

#1	4.974947	4.883759	4.921309	4.886959	4.991795	9.913766	10.39461
#2	4.968160	4.862645	4.931663	4.887030	4.983721	9.986178	10.35001
#3	4.995546	4.897132	4.953664	4.909490	5.007572	10.09250	10.58307

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2571677	2.427047	25.78982	.9818148	2.467231	1.250553	5.117743
Stddev	.0037764	.008539	.36977	.0033680	.006436	.011758	.050441
%RSD	1.468456	.3518222	1.433780	.3430423	.2608690	.9402522	.9856087

#1	.2549225	2.421555	25.71273	.9811794	2.463352	1.244260	5.101106
#2	.2550530	2.422702	25.46467	.9788098	2.463681	1.264119	5.077721
#3	.2615277	2.436885	26.19205	.9854553	2.474661	1.243281	5.174400

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.569640	25.51149	2.467269	1.258888	25.71372	2.539197	2.507383
Stddev	.034754	.28063	.006421	.002366	.12660	.025684	.012033
%RSD	1.352477	1.100008	.2602357	.1879619	.4923265	1.011497	.4798886

#1	2.547598	25.29850	2.463508	1.256307	25.72224	2.515537	2.494004
#2	2.551619	25.40651	2.463616	1.260955	25.83584	2.535540	2.517319
#3	2.609703	25.82948	2.474682	1.259402	25.58308	2.566513	2.510826

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.23640	5.151201	5.084085	4.963614	4.860147	5.163400	4.949651
Stddev	.27693	.029412	.077474	.012914	.022610	.088218	.021176
%RSD	1.097331	.5709666	1.523847	.2601703	.4652080	1.708523	.4278284

#1	25.01329	5.161008	5.037405	4.959954	4.861535	5.118468	4.944711
#2	25.14956	5.118138	5.041334	4.952925	4.836875	5.106694	4.931382
#3	25.54633	5.174455	5.173515	4.977962	4.882031	5.265038	4.972861

Sample Name: CCV10 Acquired: 08/30/2019 19:27:12 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: S403-K1-1.0- Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.997876	5.154023	4.869798
Stddev	.043608	.103156	.116662
%RSD	.8725255	2.001460	2.395616

#1	4.961060	5.121602	4.771233
#2	4.986533	5.070972	4.839560
#3	5.046034	5.269494	4.998602

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1346.040	2005.565	28929.07	4691.971	2149.461
Stddev	2.109	2.069	64.14	62.513	2.548
%RSD	.1566663	.1031779	.2217019	1.332345	.1185234

#1	1345.701	2003.376	28860.08	4717.808	2147.056
#2	1344.121	2007.489	28986.89	4737.423	2152.131
#3	1348.297	2005.831	28940.24	4620.681	2149.198

Sample Name: CCB10 Acquired: 08/30/2019 19:30:50 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S403-K1-1.0- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007549	.0029950	-.000852	.0017234	.0030775	-.005466	.0018562
Stddev	.0012805	.0029018	.000983	.0002793	.0009259	.013659	.0006915
%RSD	169.6234	96.89049	115.3370	16.20725	30.08587	249.8851	37.25317

#1	-.000206	-.000191	.000095	.0016498	.0024553	-.021126	.0026421
#2	.002209	.005487	-.001867	.0014883	.0041415	.003987	.0013409
#3	.000262	.003688	-.000783	.0020321	.0026356	.000740	.0015857

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000074	-.000021	.0032517	-.000348	.0000198	.0011042	.0168310
Stddev	.000026	.000131	.0124373	.000159	.0004489	.0019661	.0080174
%RSD	34.80817	619.9703	382.4846	45.82920	2264.021	178.0573	47.63488

#1	-.000046	-.000012	.0168448	-.000176	.0004180	.0025021	.0237678
#2	-.000097	-.000156	.0004683	-.000490	.0001082	.0019543	.0080532
#3	-.000078	.000105	-.007558	-.000377	-.000467	-.001144	.0186719

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002491	.0118883	-.000268	.0000060	.2394245	-.002082	.0023055
Stddev	.0002452	.0139563	.000272	.0003940	.0985547	.001140	.0001017
%RSD	98.43526	117.3955	101.5035	6612.247	41.16317	54.75425	4.411172

#1	.0004012	.0217260	-.000401	.0000346	.1277977	-.000809	.0023335
#2	.0003799	.0180234	.000045	.0003849	.3144116	-.003007	.0023903
#3	-.000034	-.004085	-.000446	-.000402	.2760640	-.002429	.0021927

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2545612	.0027487	.0058151	.0005827	-.005849	.0046238	-.000828
Stddev	.0215774	.0009802	.0003940	.0004931	.003481	.0004890	.001457
%RSD	8.476296	35.66124	6.774589	84.61653	59.51069	10.57478	175.9336

#1	.2768924	.0036541	.0060232	.0011126	-.004536	.0047702	.000814
#2	.2338264	.0017078	.0060614	.0001373	-.009795	.0050228	-.001331
#3	.2529647	.0028841	.0053608	.0004983	-.003216	.0040784	-.001968

Sample Name: CCB10 Acquired: 08/30/2019 19:30:50 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S403-K1-1.0- Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009063	-.001155	.0003754
Stddev	.0004955	.001419	.0001253
%RSD	54.67710	122.8704	33.36657

#1	.0014732	-.000482	.0005193
#2	.0006903	-.000198	.0003159
#3	.0005555	-.002786	.0002910

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1371.821	2026.389	28945.71	4792.502	2091.806
Stddev	8.127	2.377	161.70	119.117	9.613
%RSD	.5924220	.1172867	.5586347	2.485487	.4595574

#1	1366.978	2025.051	28866.49	4930.039	2085.774
#2	1367.281	2029.133	29131.74	4725.007	2102.892
#3	1381.204	2024.983	28838.89	4722.462	2086.752

Sample Name: K4580-14 Acquired: 08/30/2019 19:34:43 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T12-A1-A4-(0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1285043	-.021762	1.224301	.0477321	.0111286	76.10500
Stddev	.0007983	.004131	.002533	.0026473	.0026914	.35818
%RSD	.6212636	18.98171	.2069292	5.546188	24.18472	.4706404

#1	.1279051	-.023604	1.221547	.0479368	.0141564	75.76919
#2	.1281971	-.024650	1.226532	.0449884	.0090082	76.06382
#3	.1294106	-.017030	1.224823	.0502712	.0102210	76.48199

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6932557	.0081810	.0200038	F 3010.918	.1376718	.1302284
Stddev	.0032797	.0000786	.0001151	38.968	.0008895	.0006915
%RSD	.4730867	.9610598	.5755579	1.294215	.6460829	.5310097

#1	.6915395	.0080907	.0201349	2966.325	.1366588	.1310225
#2	.6911903	.0082185	.0199192	3028.010	.1383249	.1299033
#3	.6970374	.0082339	.0199572	3038.420	.1380318	.1297593

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6479962	224.7178	5.804734	169.5787	.3024434	.0002146
Stddev	.0019041	1.0326	.031093	1.0969	.0003077	.0001400
%RSD	.2938485	.4594898	.5356549	.6468466	.1017327	65.23923

#1	.6458219	224.0080	5.791657	168.8572	.3021037	.0000671
#2	.6488006	224.2430	5.782314	169.0379	.3027034	.0002311
#3	.6493662	225.9023	5.840230	170.8410	.3025231	.0003456

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.759903	.2444441	4.182844	16.08715	8.729140	-.040203
Stddev	.393669	.0031198	.013987	.02218	.002956	.000683
%RSD	14.26386	1.276283	.3343920	.1378865	.0338601	1.698513

#1	2.626107	.2462945	4.188434	16.07073	8.727535	-.040820
#2	2.450571	.2408421	4.193172	16.11239	8.727335	-.039469
#3	3.203031	.2461957	4.166927	16.07834	8.732551	-.040319

Sample Name: K4580-14 Acquired: 08/30/2019 19:34:43 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T12-A1-A4-(0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078374	24.12128	2.041509	.0338526	2.061507	.1181034
Stddev	.0005617	.09386	.013615	.0037852	.009921	.0017091
%RSD	7.166555	.3891273	.6669309	11.18145	.4812718	1.447124

#1	.0078947	24.22326	2.038307	.0316290	2.052701	.1178462
#2	.0083681	24.03852	2.029779	.0317056	2.059562	.1165375
#3	.0072492	24.10207	2.056440	.0382231	2.072256	.1199265

Elem	Sr4077
Units	ppm
Avg	4.223179
Stddev	.007636
%RSD	.1808203

#1	4.231996
#2	4.218656
#3	4.218885

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1465.432	2274.508	33100.72	5654.605	1903.900
Stddev	7.433	4.053	127.39	14.180	3.477
%RSD	.5072107	.1781810	.3848548	.2507700	.1826386

#1	1458.601	2271.631	32995.44	5647.399	1902.959
#2	1464.347	2279.143	33242.32	5670.941	1907.752
#3	1473.347	2272.750	33064.39	5645.475	1900.991

Sample Name: K4581-02 Acquired: 08/30/2019 19:38:41 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T12-C1-C4-(0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0881580	-.020214	2.092262	.0865613	.0097702	156.5229
Stddev	.0023705	.003418	.008504	.0011117	.0022736	.8554
%RSD	2.688948	16.90640	.4064268	1.284329	23.27042	.5464820

#1	.0900709	-.016468	2.083817	.0878345	.0113317	155.5515
#2	.0855060	-.023162	2.092146	.0857826	.0071618	157.1634
#3	.0888971	-.021012	2.100823	.0860668	.0108171	156.8539

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.144331	.0105220	.0035133	F 816.4472	.2750529	.1818516
Stddev	.003504	.0000973	.0001657	6.3448	.0002233	.0006746
%RSD	.3061652	.9246396	4.716428	.7771203	.0811842	.3709493

#1	1.140481	.0104659	.0034701	811.0266	.2747956	.1820217
#2	1.147331	.0106343	.0033735	814.8891	.2751962	.1811083
#3	1.145182	.0104657	.0036963	823.4259	.2751669	.1824249

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.898357	391.7887	5.358046	194.8234	.3906822	.0047049
Stddev	.009245	1.2334	.017520	1.1812	.0007938	.0002947
%RSD	.4870150	.3148173	.3269770	.6062801	.2031837	6.264030

#1	1.888151	390.4457	5.343547	193.5029	.3910716	.0049962
#2	1.906171	392.8708	5.377513	195.1881	.3897689	.0044068
#3	1.900750	392.0497	5.353076	195.7793	.3912062	.0047118

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.339094	.6034084	6.787088	38.47858	9.207098	-.098498
Stddev	.270955	.0059700	.038518	.39949	.028106	.009890
%RSD	6.244495	.9893774	.5675243	1.038218	.3052625	10.04086

#1	4.330526	.6012687	6.798460	38.01774	9.222486	-.109780
#2	4.072526	.6101533	6.744164	38.69148	9.174659	-.094389
#3	4.614231	.5988030	6.818641	38.72654	9.224150	-.091325

Sample Name: K4581-02 Acquired: 08/30/2019 19:38:41 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T12-C1-C4-(0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0249538	17.24206	2.015071	.1668839	8.829540	.1699496
Stddev	.0002232	.05784	.011454	.0015123	.043625	.0014430
%RSD	.8946328	.3354440	.5684031	.9061913	.4940826	.8490970

#1	.0247059	17.22269	2.013317	.1666205	8.795603	.1682837
#2	.0251391	17.19638	2.027300	.1685106	8.878748	.1707545
#3	.0250164	17.30709	2.004595	.1655206	8.814269	.1708108

Elem	Sr4077
Units	ppm
Avg	1.474544
Stddev	.011796
%RSD	.7999491

#1	1.461004
#2	1.480039
#3	1.482590

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1525.292	2314.925	33610.23	5599.306	2050.363
Stddev	12.750	1.252	263.66	22.490	3.457
%RSD	.8359094	.0540967	.7844532	.4016525	.1686178

#1	1522.030	2315.082	33406.91	5576.892	2046.451
#2	1539.355	2316.091	33908.13	5599.155	2053.008
#3	1514.489	2313.601	33515.66	5621.871	2051.630

Sample Name: K4581-11 Acquired: 08/30/2019 19:42:29 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T12-D1-D4-(0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1078406	-.020297	4.465103	.1022307	.0111862	166.5638
Stddev	.0020021	.002465	.018422	.0007214	.0029204	.7656
%RSD	1.856567	12.14493	.4125746	.7056922	26.10684	.4596721

#1	.1089605	-.022663	4.455297	.1020736	.0078638	165.6797
#2	.1055291	-.017743	4.453658	.1030177	.0133470	167.0008
#3	.1090321	-.020486	4.486353	.1016007	.0123480	167.0109

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.771355	.0102817	.0380386	F 815.5324	.3872186	.1665271
Stddev	.003227	.0000849	.0003836	1.1998	.0001881	.0014920
%RSD	.1821869	.8257147	1.008323	.1471216	.0485859	.8959325

#1	1.767756	.0103545	.0379782	816.8690	.3870556	.1649133
#2	1.772316	.0103021	.0376888	815.1801	.3871757	.1668120
#3	1.773993	.0101885	.0384487	814.5482	.3874244	.1678561

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.802518	430.7787	7.572275	122.0213	.4610731	.0247649
Stddev	.020919	1.0456	.012049	.3967	.0018219	.0004791
%RSD	.7464507	.2427231	.1591228	.3251009	.3951483	1.934383

#1	2.778482	429.6267	7.558429	121.5634	.4596595	.0250336
#2	2.812458	431.0417	7.580388	122.2401	.4604305	.0242118
#3	2.816614	431.6676	7.578006	122.2605	.4631292	.0250493

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.484584	.7880927	26.22648	39.46805	10.51673	-.151199
Stddev	.079587	.0075503	.12869	.23643	.01323	.007283
%RSD	2.283973	.9580526	.4907004	.5990369	.1257763	4.817158

#1	3.480694	.7793751	26.07853	39.24198	10.52538	-.159599
#2	3.566045	.7925525	26.31249	39.71363	10.52331	-.147347
#3	3.407014	.7923505	26.28843	39.44854	10.50150	-.146650

Sample Name: K4581-11 Acquired: 08/30/2019 19:42:29 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T12-D1-D4-(0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0402629	22.95776	1.422499	.1673556	8.512087	.1823854
Stddev	.0003522	.05279	.018355	.0015391	.036191	.0006079
%RSD	.8746272	.2299458	1.290364	.9196491	.4251750	.3333084

#1	.0398847	22.91671	1.438771	.1657389	8.470481	.1830311
#2	.0403227	22.93926	1.426124	.1675248	8.536277	.1818240
#3	.0405814	23.01731	1.402602	.1688031	8.529504	.1823013

Elem	Sr4077
Units	ppm
Avg	1.598192
Stddev	.009029
%RSD	.5649534

#1	1.587960
#2	1.605040
#3	1.601576

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1483.158	2264.136	32768.93	5466.379	2079.408
Stddev	3.585	6.836	100.74	52.501	7.328
%RSD	.2417154	.3019070	.3074348	.9604378	.3524303

#1	1487.234	2270.438	32882.01	5413.758	2084.863
#2	1480.495	2265.102	32736.03	5466.621	2082.283
#3	1481.745	2256.869	32688.74	5518.759	2071.078

Sample Name: K4583-01 Acquired: 08/30/2019 19:46:16 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GS-STOCKPILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538665	-.011252	2.967958	.0582023	.0066933	112.2897	4.071724
Stddev	.0012022	.001688	.014560	.0032220	.0014122	1.9389	.078873
%RSD	2.231830	14.99805	.4905773	5.535865	21.09796	1.726663	1.937102

#1	.0542868	-.009310	2.951321	.0570418	.0050647	112.5013	4.075028
#2	.0548020	-.012367	2.978380	.0557213	.0074381	110.2538	3.991250
#3	.0525105	-.012078	2.974172	.0618438	.0075772	114.1142	4.148893

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070210	.0025281	171.6879	.2753427	.1472616	6.136599	248.5469
Stddev	.0000777	.0002312	3.1098	.0017551	.0008212	.131297	4.7593
%RSD	1.106077	9.145431	1.811321	.6374380	.5576340	2.139567	1.914831

#1	.0070940	.0022859	171.2482	.2740807	.1464607	6.177524	249.2640
#2	.0070295	.0027465	168.8213	.2773470	.1472225	5.989714	243.4698
#3	.0069394	.0025518	174.9941	.2746004	.1481016	6.242560	252.9069

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.416596	92.01063	.3118633	.0021012	2.600272	.3622942	4.392420
Stddev	.062514	1.63668	.0015047	.0006734	.295679	.0064359	.019516
%RSD	1.829721	1.778795	.4824793	32.04636	11.37107	1.776438	.4443139

#1	3.424088	92.02742	.3102335	.0023060	2.729530	.3594484	4.375767
#2	3.350673	90.36563	.3121568	.0013493	2.809314	.3577718	4.387597
#3	3.475027	93.63886	.3131997	.0026485	2.261973	.3696625	4.413895

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.47445	10.15870	-.050098	.0080733	19.70567	1.891957	.0486724
Stddev	.52728	.03386	.003437	.0002251	.05963	.023052	.0006455
%RSD	1.370461	.3333222	6.859751	2.787656	.3026224	1.218396	1.326194

#1	38.53830	10.16529	-.052886	.0083237	19.63816	1.906763	.0479298
#2	37.91816	10.12203	-.051151	.0080084	19.75119	1.865398	.0489894
#3	38.96690	10.18878	-.046258	.0078879	19.72766	1.903711	.0490982

Sample Name: K4583-01 Acquired: 08/30/2019 19:46:16 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GS-STOCKPILE Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.590545	.1196449	.6256348
Stddev	.161618	.0039556	.0089354
%RSD	1.685183	3.306151	1.428213

#1	9.608325	.1179975	.6266387
#2	9.420772	.1167792	.6162399
#3	9.742538	.1241580	.6340259

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1619.935	2428.729	35366.53	5883.290	2117.052
Stddev	8.927	4.142	273.96	81.814	4.175
%RSD	.5510815	.1705386	.7746202	1.390623	.1972188

#1	1628.392	2430.352	35553.97	5855.619	2117.435
#2	1620.811	2431.814	35052.13	5975.352	2121.022
#3	1610.603	2424.022	35493.50	5818.900	2112.698

Sample Name: K4587-01 Acquired: 08/30/2019 19:49:58 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FK-PS-01-057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0977082	-.012306	.1332772	.0469651	.0038416	72.16029	.1065398
Stddev	.0013548	.002384	.0026411	.0015006	.0006080	.58729	.0013565
%RSD	1.386578	19.37525	1.981669	3.195178	15.82805	.8138712	1.273269

#1	.0966155	-.014923	.1321095	.0453484	.0036567	71.53373	.1052670
#2	.0992241	-.011740	.1363009	.0483134	.0045206	72.24888	.1063855
#3	.0972850	-.010256	.1314211	.0472336	.0033474	72.69825	.1079669

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027747	-.002284	53.61437	.2324709	.0116156	.1274852	179.4263
Stddev	.0000744	.000130	.60515	.0010004	.0000939	.0023199	1.5742
%RSD	2.682974	5.698965	1.128705	.4303144	.8088469	1.819730	.8773339

#1	.0028598	-.002152	53.12059	.2316248	.0115123	.1249111	177.6934
#2	.0027424	-.002288	53.43307	.2322128	.0116958	.1294143	179.8178
#3	.0027219	-.002412	54.28944	.2335750	.0116388	.1281303	180.7678

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2755639	4.984962	.0177247	.0020410	1.031005	.4363150	.1066555
Stddev	.0030497	.036225	.0004517	.0002065	.064536	.0079187	.0007534
%RSD	1.106704	.7266923	2.548136	10.11744	6.259557	1.814904	.7063889

#1	.2724041	4.963301	.0182459	.0020328	.956776	.4285873	.1073448
#2	.2757978	4.964802	.0174491	.0018388	1.062422	.4359461	.1058512
#3	.2784900	5.026782	.0174790	.0022515	1.073818	.4444118	.1067704

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.476817	2.015602	-.041742	.0080640	2.697165	1.522852	.0052055
Stddev	.026883	.007930	.000860	.0002793	.008874	.004402	.0012106
%RSD	.7731934	.3934433	2.061138	3.463628	.3289970	.2890545	23.25657

#1	3.504809	2.007019	-.042464	.0081238	2.700349	1.525861	.0046065
#2	3.451202	2.017130	-.041972	.0077597	2.687138	1.524895	.0044111
#3	3.474440	2.022657	-.040790	.0083087	2.704007	1.517800	.0065988

Sample Name: K4587-01 Acquired: 08/30/2019 19:49:58 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: FK-PS-01-057 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4615075	.0004703	.0920797
Stddev	.0032744	.0007845	.0008238
%RSD	.7094891	166.8034	.8946382

#1	.4581484	.0011478	.0911631
#2	.4616842	-.000389	.0927581
#3	.4646899	.000652	.0923179

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1607.128	2385.959	34374.87	5675.043	2144.369
Stddev	11.223	2.341	232.06	21.476	4.499
%RSD	.6983482	.0981247	.6750733	.3784313	.2098011

#1	1601.500	2383.298	34501.93	5664.474	2141.756
#2	1620.051	2386.874	34515.66	5699.755	2149.564
#3	1599.832	2387.704	34107.04	5660.898	2141.787

Sample Name: K4591-01 Acquired: 08/30/2019 19:53:48 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-3-25-27 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0945560	-.030830	.2387753	.0832487	.0054847	156.2767	.2743411
Stddev	.0016646	.002872	.0034398	.0021955	.0015733	.9989	.0011256
%RSD	1.760425	9.314989	1.440605	2.637254	28.68411	.6391878	.4102797

#1	.0938516	-.031833	.2352589	.0816708	.0038978	155.1757	.2731218
#2	.0933593	-.033066	.2421330	.0823192	.0070439	156.5296	.2745611
#3	.0964569	-.027591	.2389341	.0857560	.0055125	157.1249	.2753405

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117228	-.003687	14.71853	.2097052	.1763223	.2218510	382.6014
Stddev	.0001227	.000072	.06254	.0007094	.0001547	.0013822	2.4855
%RSD	1.046519	1.960476	.4249308	.3382811	.0877248	.6230410	.6496241

#1	.0116364	-.003609	14.64631	.2102273	.1764975	.2205639	379.7899
#2	.0116689	-.003751	14.75462	.2088975	.1762652	.2216773	383.5080
#3	.0118632	-.003702	14.75466	.2099909	.1762044	.2233119	384.5062

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.213825	76.10037	.3772899	.0041737	43.25167	.3344684	.8406177
Stddev	.023913	.56255	.0018865	.0001220	.31198	.0017040	.0041931
%RSD	.5675004	.7392233	.5000239	2.922883	.7213235	.5094677	.4988166

#1	4.186479	75.48709	.3791533	.0042004	42.94347	.3325524	.8454566
#2	4.224183	76.22160	.3753810	.0042801	43.56730	.3350389	.8383452
#3	4.230813	76.59243	.3773353	.0040406	43.24424	.3358140	.8380514

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.46960	7.139563	.0035151	.0181551	232.7669	1.206792	.0146206
Stddev	.13814	.010789	.0073693	.0006568	.3461	.004495	.0010857
%RSD	.5218968	.1511125	209.6462	3.617510	.1486867	.3725030	7.426004

#1	26.36835	7.150566	-.004114	.0185788	233.1653	1.211962	.0141751
#2	26.41348	7.139121	.004066	.0184879	232.5399	1.204611	.0158582
#3	26.62697	7.129002	.010594	.0173985	232.5957	1.203804	.0138285

Sample Name: K4591-01 Acquired: 08/30/2019 19:53:48 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: SB-3-25-27 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.466734	.1906690	.2442868
Stddev	.009131	.0015368	.0016258
%RSD	.6225520	.8059955	.6655148

#1	1.456496	.1893734	.2428488
#2	1.469670	.1902668	.2439608
#3	1.474036	.1923669	.2460509

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1722.668	2613.995	37444.42	6174.418	2177.616
Stddev	5.253	4.877	135.63	33.239	8.043
%RSD	.3049084	.1865915	.3622191	.5383398	.3693297

#1	1717.153	2608.800	37405.04	6136.046	2168.633
#2	1727.612	2614.709	37595.39	6192.880	2184.146
#3	1723.238	2618.476	37332.85	6194.329	2180.070

Sample Name: K4591-03 Acquired: 08/30/2019 19:57:30 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-3-30-32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1093183	-.031483	.2080346	.0843953	.0055192	150.7927	.2525487
Stddev	.0047492	.002491	.0001317	.0006481	.0015910	1.2645	.0023496
%RSD	4.344350	7.911587	.0632920	.7679435	28.82549	.8385906	.9303626

#1	.1134381	-.031255	.2081054	.0836560	.0041835	149.3986	.2501448
#2	.1041239	-.029115	.2078827	.0846646	.0072794	151.1135	.2526612
#3	.1103930	-.034081	.2081158	.0848653	.0050949	151.8659	.2548400

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117006	-.004109	23.91482	.2085716	.1725230	.2182277	388.2750
Stddev	.0001439	.000149	.31979	.0010063	.0006816	.0022765	3.8108
%RSD	1.230063	3.617585	1.337207	.4824901	.3950571	1.043179	.9814673

#1	.0115378	-.003965	23.55332	.2096691	.1726987	.2164184	383.9933
#2	.0118110	-.004100	24.03033	.2076921	.1717708	.2174809	389.5373
#3	.0117530	-.004262	24.16081	.2083537	.1730995	.2207838	391.2945

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.282921	81.73647	.3670368	.0035424	40.79169	.3253178	.8058780
Stddev	.039017	.77859	.0013461	.0001939	.45685	.0064589	.0025305
%RSD	.9109954	.9525634	.3667493	5.474235	1.119964	1.985397	.3140000

#1	4.239397	80.86744	.3664301	.0033544	40.40493	.3181328	.8032367
#2	4.294601	81.97150	.3661008	.0035310	40.67437	.3271789	.8082807
#3	4.314764	82.37047	.3685795	.0037418	41.29576	.3306418	.8061168

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.46540	7.842954	-.012093	.0143784	229.1842	1.150650	.0058004
Stddev	.20232	.024073	.006498	.0002173	.3155	.003557	.0013020
%RSD	.7944716	.3069336	53.73159	1.511423	.1376415	.3091371	22.44659

#1	25.23919	7.844526	-.016287	.0142262	229.0040	1.147482	.0061110
#2	25.52797	7.818134	-.015383	.0142817	229.5484	1.154498	.0043712
#3	25.62904	7.866202	-.004608	.0146273	229.0001	1.149971	.0069191

Sample Name: K4591-03 Acquired: 08/30/2019 19:57:30 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-3-30-32 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.547957	.1845024	.2315930
Stddev	.013396	.0029103	.0017449
%RSD	.8654060	1.577389	.7534128

#1	1.534114	.1811694	.2296184
#2	1.548898	.1857967	.2322336
#3	1.560857	.1865410	.2329269

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1708.674	2582.791	37053.52	6022.012	2169.388
Stddev	10.890	3.371	248.42	18.878	5.715
%RSD	.6373296	.1305340	.6704409	.3134906	.2634220

#1	1708.725	2582.860	36849.77	6023.657	2174.720
#2	1719.538	2586.127	37330.26	6040.014	2170.088
#3	1697.758	2579.385	36980.53	6002.364	2163.355

Sample Name: K4591-06 Acquired: 08/30/2019 20:01:11 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-3-35-37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1068263	-.038185	4.472279	.0966676	.0080073	170.5817	.6992748
Stddev	.0011311	.000919	.007149	.0008026	.0017858	.8483	.0033989
%RSD	1.058837	2.407995	.1598618	.8303008	22.30220	.4973070	.4860569

#1	.1058301	-.037235	4.477239	.0959418	.0062312	169.6022	.6953536
#2	.1065929	-.039070	4.464084	.0975296	.0079880	171.0753	.7010923
#3	.1080559	-.038251	4.475514	.0965315	.0098026	171.0677	.7013785

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133165	-.003961	21.59961	.2289456	.1958020	.2490345	436.4984
Stddev	.0001084	.000238	.08172	.0018424	.0007632	.0029714	2.7297
%RSD	.8139930	6.003161	.3783295	.8047108	.3898002	1.193150	.6253612

#1	.0133206	-.003688	21.53070	.2280468	.1951827	.2457305	433.3879
#2	.0132061	-.004121	21.57824	.2277251	.1955687	.2514877	438.4953
#3	.0134228	-.004075	21.68989	.2310648	.1966547	.2498851	437.6119

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.028329	89.68682	.4312195	.0046078	41.83814	.3488404	1.114384
Stddev	.028091	.54678	.0005121	.0005234	.18207	.0030270	.003505
%RSD	.5586572	.6096547	.1187459	11.35878	.4351832	.8677367	.3145281

#1	4.996399	89.06732	.4316331	.0048529	41.65835	.3465510	1.117836
#2	5.049239	90.10210	.4306468	.0049637	42.02241	.3522724	1.114490
#3	5.039350	89.89103	.4313788	.0040069	41.83367	.3476978	1.110828

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.23400	8.392872	-.049064	.0151619	261.0371	1.475033	.0127387
Stddev	.15752	.035642	.006533	.0003199	.4956	.003065	.0016112
%RSD	.5578957	.4246706	13.31421	2.109920	.1898527	.2078236	12.64772

#1	28.08583	8.433990	-.056596	.0147987	261.3587	1.478312	.0145990
#2	28.21673	8.370778	-.045664	.0154019	260.4664	1.474550	.0117887
#3	28.39944	8.373848	-.044933	.0152850	261.2862	1.472238	.0118285

Sample Name: K4591-06 Acquired: 08/30/2019 20:01:11 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-3-35-37 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.369770	.2065042	.2613457
Stddev	.008465	.0013804	.0011443
%RSD	.6179862	.6684516	.4378497

#1	1.360059	.2056980	.2600244
#2	1.373664	.2057164	.2619969
#3	1.375588	.2080981	.2620157

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1766.532	2659.366	38441.18	6273.387	2175.263
Stddev	15.555	1.600	40.85	39.946	2.652
%RSD	.8805135	.0601474	.1062763	.6367483	.1219369

#1	1749.635	2657.559	38395.45	6230.657	2172.776
#2	1769.706	2659.939	38454.02	6279.708	2178.055
#3	1780.254	2660.601	38474.08	6309.795	2174.958

Sample Name: K4593-01 Acquired: 08/30/2019 20:04:52 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-3-(5-7) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0697399	-.012717	.5198681	.0463243	.0034161	114.3305	.6654835
Stddev	.0019411	.003853	.0029844	.0017768	.0018626	.9290	.0041795
%RSD	2.783314	30.30182	.5740601	3.835595	54.52430	.8125315	.6280472

#1	.0684762	-.016947	.5201374	.0442758	.0054697	113.4478	.6607217
#2	.0687686	-.011799	.5167582	.0474469	.0029426	114.2440	.6685443
#3	.0719749	-.009405	.5227087	.0472502	.0018359	115.2997	.6671847

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145995	.0033402	59.78191	.1521376	.3195393	1.236365	201.2739
Stddev	.0001048	.0001124	.63734	.0006302	.0011738	.007513	1.3273
%RSD	.7179437	3.364856	1.066101	.4142529	.3673344	.6076344	.6594249

#1	.0146872	.0034329	59.07478	.1515148	.3184573	1.227825	199.7935
#2	.0144835	.0032152	59.95892	.1527750	.3193733	1.239316	201.6708
#3	.0146280	.0033726	60.31203	.1521232	.3207872	1.241954	202.3574

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.336051	97.24786	1.195017	.0015086	3.670155	.2714183	1.567063
Stddev	.074205	.91747	.002131	.0001014	.086502	.0043546	.003733
%RSD	.7948214	.9434333	.1783496	6.719795	2.356893	1.604377	.2382150

#1	9.250952	96.34202	1.193541	.0015700	3.590294	.2738253	1.569616
#2	9.369939	97.22501	1.194050	.0015642	3.762039	.2663915	1.562779
#3	9.387261	98.17653	1.197461	.0013916	3.658132	.2740380	1.568795

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.39358	5.455917	-.045932	.0083774	4.903400	.8897593	.0083176
Stddev	.09695	.016097	.000647	.0002266	.013616	.0094626	.0015440
%RSD	.7822780	.2950362	1.408245	2.705030	.2776885	1.063495	18.56272

#1	12.30457	5.440993	-.045227	.0081174	4.887907	.8835217	.0093857
#2	12.37927	5.453785	-.046498	.0084818	4.908830	.8851089	.0090198
#3	12.49689	5.472974	-.046071	.0085329	4.913463	.9006472	.0065473

Sample Name: K4593-01 Acquired: 08/30/2019 20:04:52 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-3-(5-7) Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.792112	.1149440	.2766756
Stddev	.018352	.0015012	.0021461
%RSD	.6572741	1.306048	.7756854

#1	2.771896	.1133883	.2746379
#2	2.796718	.1163840	.2764730
#3	2.807722	.1150598	.2789158

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1900.389	2831.764	40980.01	6720.635	2123.751
Stddev	3.983	3.216	134.98	33.327	2.453
%RSD	.2096069	.1135529	.3293762	.4958879	.1155098

#1	1896.811	2831.969	40994.20	6739.709	2126.071
#2	1904.681	2828.450	40838.50	6740.042	2123.999
#3	1899.675	2834.872	41107.33	6682.153	2121.183

Sample Name: K4555-01 Acquired: 08/30/2019 20:08:33 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045922	-.014983	.0784771	.0157530	.0037503	7.367348	.1736122
Stddev	.0031953	.000607	.0041718	.0013840	.0012843	.121181	.0026742
%RSD	69.58151	4.050067	5.315936	8.785855	34.24653	1.644844	1.540308

#1	.0082076	-.015584	.0742477	.0162168	.0051347	7.228526	.1705257
#2	.0034227	-.014371	.0825888	.0141966	.0035185	7.421549	.1752349
#3	.0021464	-.014993	.0785947	.0168455	.0025976	7.451968	.1750760

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000620	-.000266	47.36744	.0415896	.0224160	.0304246	17.85704
Stddev	.0000812	.000019	.82794	.0006030	.0004266	.0013986	.27563
%RSD	131.0358	6.975821	1.747912	1.449868	1.903040	4.596794	1.543537

#1	.0001424	-.000262	46.42420	.0412705	.0220320	.0302847	17.54596
#2	-.000020	-.000249	47.70408	.0412132	.0223408	.0291012	17.95428
#3	.000063	-.000286	47.97402	.0422851	.0228752	.0318878	18.07086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7551028	63.41500	.3314801	-.000255	21.01811	.0216289	.1202018
Stddev	.0140831	1.13724	.0003571	.000315	.48819	.0006919	.0002309
%RSD	1.865052	1.793330	.1077154	123.8439	2.322716	3.198716	.1920991

#1	.7389211	62.12309	.3317480	.000109	20.46630	.0212907	.1203786
#2	.7617991	63.85713	.3316175	-.000435	21.19423	.0224248	.1199406
#3	.7645884	64.26477	.3310747	-.000438	21.39381	.0211711	.1202863

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.236936	.2918745	.0578333	.0108443	6.335637	53.78547	-.001221
Stddev	.057595	.0022244	.0007071	.0007561	.014120	.32471	.000938
%RSD	1.099778	.7621167	1.222639	6.971993	.2228634	.6037175	76.83345

#1	5.170658	.2923934	.0579877	.0114638	6.343098	53.41693	-.001809
#2	5.274824	.2937936	.0570617	.0110674	6.319351	53.90999	-.000139
#3	5.265326	.2894365	.0584504	.0100019	6.344460	54.02950	-.001716

Sample Name: K4555-01 Acquired: 08/30/2019 20:08:33 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-13 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4268229	.0088055	.1085161
Stddev	.0087471	.0002336	.0018007
%RSD	2.049354	2.652875	1.659409

#1	.4174046	.0085971	.1065726
#2	.4283723	.0087614	.1088479
#3	.4346918	.0090580	.1101279

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1280.160	1920.199	27851.22	4652.041	2029.060
Stddev	3.865	5.338	54.95	16.010	3.277
%RSD	.3019225	.2779699	.1972958	.3441432	.1614925

#1	1276.057	1916.389	27788.66	4670.359	2025.316
#2	1280.690	1917.908	27891.67	4640.725	2030.458
#3	1283.732	1926.299	27873.34	4645.039	2031.405

Sample Name: CCV11 Acquired: 08/30/2019 20:12:20 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15427 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.977125	4.894577	4.969683	4.906878	4.983950	10.08432	10.49395
Stddev	.018937	.010940	.012409	.006661	.011712	.20495	.24930
%RSD	.3804851	.2235049	.2496896	.1357449	.2349912	2.032336	2.375697

#1	4.955308	4.882101	4.956631	4.907685	4.971119	9.87023	10.26096
#2	4.986756	4.899104	4.981328	4.913099	4.986667	10.27870	10.75687
#3	4.989311	4.902527	4.971089	4.899851	4.994065	10.10403	10.46402

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2614014	2.447029	25.98059	.9850976	2.479031	1.253275	5.150689
Stddev	.0069070	.006678	.75445	.0060059	.001713	.019683	.142281
%RSD	2.642306	.2728903	2.903917	.6096729	.0690829	1.570559	2.762369

#1	.2548961	2.445883	25.18724	.9834457	2.477885	1.236097	5.019046
#2	.2686500	2.454206	26.68895	.9917565	2.481000	1.274753	5.301637
#3	.2606581	2.440999	26.06558	.9800904	2.478208	1.248975	5.131385

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.593117	25.80629	2.480255	1.260238	26.33965	2.556752	2.499814
Stddev	.065937	.63152	.003084	.008173	.72405	.057968	.000995
%RSD	2.542758	2.447173	.1243448	.6485329	2.748903	2.267237	.0397990

#1	2.528371	25.18967	2.477437	1.269675	25.50763	2.499287	2.500595
#2	2.660183	26.45173	2.483550	1.255561	26.82680	2.615209	2.500153
#3	2.590795	25.77746	2.479778	1.255477	26.68452	2.555760	2.498694

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.41413	5.152422	5.163996	4.971860	4.895270	5.272132	4.954716
Stddev	.30167	.012503	.131658	.007598	.020807	.146463	.009430
%RSD	1.187014	.2426711	2.549533	.1528223	.4250427	2.778056	.1903146

#1	25.07737	5.138062	5.047759	4.963270	4.885384	5.137881	4.962951
#2	25.65963	5.160898	5.306971	4.974611	4.919177	5.428330	4.956768
#3	25.50539	5.158306	5.137258	4.977699	4.881249	5.250183	4.944430

Sample Name: CCV11 Acquired: 08/30/2019 20:12:20 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV15427 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.035312	5.220418	4.956108
Stddev	.086883	.163062	.090722
%RSD	1.725474	3.123538	1.830518

#1	4.945531	5.056151	4.865427
#2	5.118973	5.382247	4.956025
#3	5.041431	5.222855	5.046872

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1354.867	2000.706	28994.34	4654.382	2139.135
Stddev	9.211	3.535	164.24	94.070	5.391
%RSD	.6798232	.1766840	.5664455	2.021100	.2519999

#1	1348.039	2000.931	28811.56	4743.392	2137.517
#2	1365.343	1997.064	29129.51	4555.960	2134.739
#3	1351.218	2004.123	29041.96	4663.795	2145.150

Sample Name: CCB11 Acquired: 08/30/2019 20:16:00 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15427 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002400	.0008864	.0008447	.0019582	.0010325	.0051757	.0022730
Stddev	.002744	.0062797	.0009775	.0025528	.0013711	.0058668	.0004677
%RSD	114.3233	708.4603	115.7141	130.3689	132.7962	113.3531	20.57592

#1	-.002291	.0079681	.0008110	.0047212	.0023303	.0091953	.0027719
#2	.000287	-.004004	.0018387	-.000313	-.000402	-.001557	.0018444
#3	-.005197	-.001305	-.000115	.001466	.001169	.007888	.0022029

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000082	.0000292	-.017412	-.000015	.0002740	.0015696	.0120326
Stddev	.000039	.0000956	.005835	.000671	.0004223	.0015761	.0030573
%RSD	47.08516	327.6141	33.51009	4534.376	154.1071	100.4117	25.40877

#1	-.000048	.0000023	-.013760	.000452	-.000046	-.000068	.0099219
#2	-.000124	.0001354	-.024141	.000288	.000115	.003076	.0106372
#3	-.000075	-.000050	-.014333	-.000784	.000753	.001702	.0155387

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001950	-.003505	-.000433	-.000123	.1654577	-.002059	.0016036
Stddev	.0005790	.012573	.000338	.000097	.1562622	.003559	.0004722
%RSD	296.9612	358.7690	78.00658	79.17901	94.44240	172.8622	29.44530

#1	.0007772	-.017862	-.000300	-.000113	.2374730	.002049	.0020380
#2	-.000381	.001807	-.000182	-.000225	.2727267	-.004015	.0016720
#3	.000189	.005541	-.000817	-.000031	-.013827	-.004211	.0011010

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2483401	.0017700	.0050588	.0007032	-.007498	.0057703	-.000619
Stddev	.0413233	.0004209	.0016225	.0002293	.000499	.0012493	.000772
%RSD	16.63981	23.77945	32.07328	32.61611	6.650126	21.65039	124.5708

#1	.2841927	.0019144	.0069175	.0009642	-.007379	.0069374	.000057
#2	.2031455	.0020997	.0039261	.0006114	-.008045	.0059209	-.001460
#3	.2576821	.0012959	.0043326	.0005340	-.007069	.0044525	-.000455

Sample Name: CCB11 Acquired: 08/30/2019 20:16:00 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB15427 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011729	-.001487	.0003278
Stddev	.0004873	.001366	.0001593
%RSD	41.54331	91.85342	48.60693

#1	.0011893	-.001597	.0005052
#2	.0016518	-.000069	.0002815
#3	.0006777	-.002794	.0001968

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1369.845	2023.664	28875.52	4649.856	2090.012
Stddev	16.698	4.373	136.72	17.239	2.521
%RSD	1.218934	.2160954	.4734947	.3707468	.1206134

#1	1353.460	2025.715	28771.09	4632.717	2087.121
#2	1386.838	2026.635	29030.28	4649.658	2091.749
#3	1369.237	2018.643	28825.21	4667.194	2091.167

Sample Name: K4555-01DUP Acquired: 08/30/2019 20:19:53 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-13DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042731	-.015248	.0785313	.0170459	.0037572	7.337266	.1713693
Stddev	.0022649	.004492	.0014396	.0011999	.0014837	.099519	.0013663
%RSD	53.00298	29.46063	1.833203	7.039369	39.49088	1.356349	.7972988

#1	.0048573	-.011345	.0775369	.0183562	.0039378	7.230731	.1700524
#2	.0061886	-.014241	.0801822	.0160006	.0051424	7.353228	.1712753
#3	.0017733	-.020159	.0778748	.0167810	.0021914	7.427839	.1727802

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001522	-.000293	47.20202	.0411443	.0223024	.0281362	17.88975
Stddev	.0000483	.000026	.73677	.0003980	.0003315	.0025418	.21361
%RSD	31.71753	8.789682	1.560881	.9672635	1.486570	9.033844	1.194015

#1	.0001017	-.000299	46.36484	.0407414	.0226851	.0253794	17.64435
#2	.0001568	-.000315	47.48961	.0411543	.0221033	.0303868	17.99090
#3	.0001979	-.000265	47.75163	.0415371	.0221188	.0286426	18.03399

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7528835	63.55979	.3324872	-.000021	20.65881	.0179106	.1123866
Stddev	.0097864	1.07481	.0011863	.000295	.41025	.0004360	.0005663
%RSD	1.299859	1.691028	.3568081	1436.830	1.985824	2.434520	.5038743

#1	.7416066	62.31991	.3311174	-.000079	20.29383	.0181476	.1130392
#2	.7591523	64.13234	.3331655	.000299	20.57976	.0181769	.1120957
#3	.7578917	64.22713	.3331788	-.000282	21.10283	.0174074	.1120249

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.176180	.2969193	.0628541	.0114941	6.403499	53.43344	-.000761
Stddev	.052223	.0017324	.0017956	.0002201	.014017	.14712	.000559
%RSD	1.008916	.5834713	2.856811	1.914914	.2188907	.2753329	73.55015

#1	5.169893	.2961201	.0608992	.0117467	6.414902	53.54874	-.000144
#2	5.127385	.2989070	.0644299	.0113927	6.407745	53.26775	-.000902
#3	5.231262	.2957307	.0632332	.0113431	6.387850	53.48384	-.001236

Sample Name: K4555-01DUP Acquired: 08/30/2019 20:19:53 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-13DUP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4249054	.0084571	.1082045
Stddev	.0042868	.0006285	.0011547
%RSD	1.008874	7.431649	1.067152

#1	.4226103	.0091626	.1069265
#2	.4298511	.0079571	.1085145
#3	.4222549	.0082517	.1091727

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1297.184	1920.561	27968.85	4701.127	2034.984
Stddev	3.032	10.652	124.73	6.462	10.304
%RSD	.2337734	.5546287	.4459751	.1374546	.5063323

#1	1295.887	1909.239	28072.93	4703.415	2024.339
#2	1295.015	1922.060	27830.59	4693.833	2035.706
#3	1300.649	1930.384	28003.02	4706.134	2044.908

Sample Name: K4555-01LX5 Acquired: 08/30/2019 20:23:40 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA8522 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011541	-.003231	.0160392	.0021345	.0022790	1.525054	.0361367
Stddev	.0006614	.002668	.0024581	.0009484	.0007813	.011003	.0001019
%RSD	57.30512	82.59145	15.32553	44.43287	34.28322	.7215043	.2819296

#1	.0018075	-.002623	.0132114	.0024741	.0030443	1.521845	.0361411
#2	.0004850	-.006150	.0172415	.0028664	.0023100	1.537305	.0360327
#3	.0011699	-.000919	.0176647	.0010631	.0014826	1.516012	.0362363

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000048	-.000093	9.677388	.0088645	.0041975	.0069672	3.684950
Stddev	.000121	.000035	.130346	.0002179	.0001190	.0024479	.057494
%RSD	253.1055	37.20802	1.346916	2.457949	2.834335	35.13397	1.560247

#1	-.000072	-.000088	9.531113	.0090898	.0041937	.0090963	3.618588
#2	.000083	-.000129	9.781233	.0088489	.0043183	.0042926	3.716476
#3	-.000154	-.000061	9.719818	.0086549	.0040804	.0075126	3.719785

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1543528	12.94829	.0662862	-.000262	4.526091	.0052378	.0247421
Stddev	.0019448	.20933	.0003838	.000225	.319955	.0012881	.0002244
%RSD	1.259944	1.616644	.5789566	85.83621	7.069123	24.59290	.9071252

#1	.1521526	12.70958	.0659199	-.000002	4.192034	.0064414	.0249904
#2	.1558419	13.03479	.0662533	-.000397	4.556459	.0038792	.0246820
#3	.1550640	13.10051	.0666853	-.000387	4.829779	.0053928	.0245538

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.245351	.0631993	.0112586	.0025004	1.393676	11.74313	-.002138
Stddev	.011829	.0019648	.0004823	.0001484	.002807	.01348	.001387
%RSD	.9498412	3.108958	4.284010	5.935375	.2014412	.1148180	64.85635

#1	1.236230	.0639038	.0112188	.0026612	1.390889	11.72813	-.001379
#2	1.258717	.0609793	.0117596	.0023687	1.393634	11.74702	-.003739
#3	1.241107	.0647147	.0107975	.0024712	1.396503	11.75423	-.001296

Sample Name: K4555-01LX5 Acquired: 08/30/2019 20:23:40 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA8522 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0891101	.0000617	.0219434
Stddev	.0016122	.0004402	.0001821
%RSD	1.809175	713.0385	.8296618

#1	.0874703	-.000391	.0217337
#2	.0906931	.000087	.0220605
#3	.0891669	.000489	.0220362

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1363.151	1991.895	28852.67	4702.319	2084.941
Stddev	5.990	6.339	105.45	15.468	3.575
%RSD	.4394080	.3182471	.3654656	.3289371	.1714688

#1	1361.178	1984.594	28773.74	4717.321	2082.571
#2	1358.397	1996.002	28811.83	4686.424	2089.053
#3	1369.878	1995.089	28972.42	4703.212	2083.198

Sample Name: K4555-01MS Acquired: 08/30/2019 20:27:32 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-13MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7471390	1.972926	1.068344	1.678700	.7571556	10.05168	.3841583
Stddev	.0051701	.005140	.002109	.003156	.0027638	.04209	.0025892
%RSD	.6919823	.2605121	.1973684	.1879772	.3650200	.4187760	.6739948

#1	.7425614	1.978807	1.069200	1.681840	.7578370	10.09968	.3870328
#2	.7527465	1.970674	1.069890	1.678730	.7541149	10.03431	.3834330
#3	.7461091	1.969297	1.065942	1.675529	.7595149	10.02105	.3820090

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1935193	.1881181	49.08671	.4283828	.2220123	.3231269	21.26942
Stddev	.0021963	.0000518	.09653	.0011453	.0012619	.0073047	.04981
%RSD	1.134925	.0275436	.1966534	.2673620	.5684107	2.260642	.2341742

#1	.1948898	.1881408	49.01276	.4277594	.2224464	.3311336	21.30015
#2	.1946819	.1881547	49.19591	.4297047	.2230000	.3214211	21.29617
#3	.1909860	.1880588	49.05146	.4276845	.2205907	.3168260	21.21196

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9738844	67.21550	.8316280	.0716457	24.41175	.3299796	.3330003
Stddev	.0016377	.06308	.0016056	.0003475	.19146	.0009368	.0010610
%RSD	.1681598	.0938530	.1930651	.4850462	.7842894	.2839003	.3186226

#1	.9743354	67.14270	.8302252	.0713534	24.29632	.3306086	.3317884
#2	.9752494	67.25404	.8333791	.0720299	24.63276	.3289029	.3337617
#3	.9720685	67.24976	.8312796	.0715536	24.30618	.3304273	.3334508

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.27997	6.175739	.3335264	.3874697	6.204119	54.19204	.6789607
Stddev	.15060	.034911	.0045901	.0009121	.034243	.76264	.0053224
%RSD	.9855754	.5652867	1.376234	.2354081	.5519470	1.407293	.7839084

#1	15.45380	6.213531	.3364439	.3864805	6.235770	54.70144	.6822811
#2	15.18910	6.144696	.3358998	.3876510	6.167769	54.55943	.6728217
#3	15.19700	6.168989	.3282355	.3882776	6.208819	53.31524	.6817793

Sample Name: K4555-01MS Acquired: 08/30/2019 20:27:32 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-13MS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6214616	.1217823	.3144692
Stddev	.0037087	.0016164	.0010369
%RSD	.5967755	1.327281	.3297445

#1	.6255528	.1202029	.3155364
#2	.6183200	.1234333	.3134654
#3	.6205120	.1217109	.3144058

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1293.596	1913.079	28108.76	4536.636	2034.541
Stddev	11.291	4.846	65.38	42.906	5.371
%RSD	.8728635	.2533233	.2325825	.9457741	.2640015

#1	1302.863	1907.838	28182.98	4502.586	2028.652
#2	1296.906	1917.398	28083.61	4522.494	2035.801
#3	1281.020	1914.001	28059.70	4584.828	2039.171

Sample Name: K4555-01MSD Acquired: 08/30/2019 20:31:11 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-13MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7372658	1.971003	1.063565	1.659180	.7524787	9.905056	.3777697
Stddev	.0011109	.003605	.001940	.008510	.0021397	.185708	.0065073
%RSD	.1506843	.1829212	.1823646	.5129044	.2843551	1.874882	1.722555

#1	.7374148	1.971353	1.065698	1.654387	.7549487	9.708304	.3707109
#2	.7360879	1.967236	1.061908	1.654147	.7511938	9.929582	.3790688
#3	.7382947	1.974421	1.063089	1.669005	.7512935	10.07728	.3835295

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1894403	.1873074	48.43773	.4267540	.2214613	.3203565	20.97570
Stddev	.0026988	.0005524	.88981	.0027118	.0005000	.0042875	.35247
%RSD	1.424605	.2949131	1.837021	.6354434	.2257591	1.338357	1.680359

#1	.1866958	.1870272	47.42929	.4258081	.2209889	.3163473	20.58672
#2	.1895341	.1869513	48.77148	.4246418	.2214100	.3198456	21.06649
#3	.1920909	.1879438	49.11241	.4298120	.2219849	.3248766	21.27390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9577609	66.37475	.8287143	.0709692	24.29657	.3281545	.3444562
Stddev	.0139826	1.14361	.0014940	.0008539	.35116	.0042479	.0026217
%RSD	1.459923	1.722957	.1802732	1.203257	1.445297	1.294477	.7611121

#1	.9428274	65.15973	.8289415	.0718068	23.90320	.3234109	.3447625
#2	.9599120	66.53434	.8271198	.0700998	24.40808	.3294453	.3416947
#3	.9705432	67.43019	.8300817	.0710010	24.57844	.3316072	.3469112

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.06889	6.181250	.3275891	.3851011	6.177198	53.45540	.6790720
Stddev	.31661	.015595	.0056477	.0019011	.013858	.76062	.0042036
%RSD	2.101052	.2522948	1.724028	.4936624	.2243335	1.422898	.6190138

#1	14.76198	6.171196	.3220652	.3839392	6.183866	52.78274	.6765862
#2	15.05033	6.173340	.3273491	.3840690	6.161267	53.30268	.6767044
#3	15.39437	6.199215	.3333530	.3872950	6.186462	54.28079	.6839254

Sample Name: K4555-01MSD Acquired: 08/30/2019 20:31:11 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-13MSD Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6142367	.1209478	.3093124
Stddev	.0148924	.0028280	.0041441
%RSD	2.424543	2.338232	1.339773

#1	.5989561	.1176953	.3045790
#2	.6287079	.1228271	.3110712
#3	.6150461	.1223209	.3122870

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1290.012	1918.719	28106.11	4606.858	2035.312
Stddev	9.261	3.132	170.62	43.021	5.064
%RSD	.7178677	.1632462	.6070686	.9338514	.2488306

#1	1286.477	1915.515	28019.72	4652.605	2029.468
#2	1283.039	1921.774	27995.96	4567.215	2038.072
#3	1300.519	1918.868	28302.65	4600.754	2038.398

Sample Name: K4555-01A Acquired: 08/30/2019 20:34:49 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB8522 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7469367	1.979268	1.065969	1.678828	.7546321	9.995738	.3758979
Stddev	.0041237	.002280	.005387	.001470	.0017601	.118629	.0035885
%RSD	.5520784	.1152047	.5053674	.0875384	.2332408	1.186792	.9546550

#1	.7424490	1.978341	1.070937	1.677144	.7543463	9.863081	.3718329
#2	.7478022	1.981865	1.066727	1.679850	.7530324	10.03250	.3786264
#3	.7505590	1.977597	1.060244	1.679490	.7565177	10.09164	.3772344

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1897871	.1883777	48.31881	.4280643	.2226056	.3144207	21.07547
Stddev	.0015948	.0004945	.67105	.0034978	.0002731	.0030237	.20011
%RSD	.8402851	.2625191	1.388802	.8171139	.1226794	.9616838	.9494704

#1	.1890259	.1889180	47.54615	.4279297	.2228763	.3111061	20.84527
#2	.1916199	.1882674	48.75567	.4246358	.2226104	.3151280	21.20781
#3	.1887156	.1879475	48.65462	.4316275	.2223302	.3170282	21.17333

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9615139	66.37014	.8323258	.0715498	23.45514	.3269888	.3353051
Stddev	.0114408	1.05960	.0007416	.0009382	.06177	.0053625	.0021140
%RSD	1.189872	1.596507	.0891022	1.311303	.2633733	1.639975	.6304705

#1	.9490319	65.15806	.8316363	.0708208	23.49096	.3220601	.3345194
#2	.9715021	67.12076	.8331103	.0712202	23.38381	.3262068	.3376995
#3	.9640077	66.83159	.8322307	.0726083	23.49065	.3326994	.3336965

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.70861	6.198628	.3294201	.3876290	6.255079	53.72079	.6798428
Stddev	.17860	.009389	.0039602	.0009617	.023520	.48520	.0018219
%RSD	1.214281	.1514732	1.202181	.2480971	.3760200	.9031810	.2679945

#1	14.50622	6.209294	.3262180	.3865240	6.278180	53.48667	.6790226
#2	14.77553	6.191610	.3338484	.3880858	6.255897	54.27865	.6819306
#3	14.84410	6.194980	.3281939	.3882771	6.231161	53.39705	.6785751

Sample Name: K4555-01A Acquired: 08/30/2019 20:34:49 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB8522 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6197952	.1175265	.3084978
Stddev	.0066103	.0018196	.0033954
%RSD	1.066534	1.548246	1.100621

#1	.6141303	.1155034	.3045843
#2	.6181973	.1180468	.3102488
#3	.6270580	.1190292	.3106602

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1291.990	1920.897	28080.84	4622.000	2044.169
Stddev	5.645	1.699	234.86	34.896	8.651
%RSD	.4369596	.0884406	.8363806	.7549882	.4232240

#1	1291.093	1920.259	28162.28	4631.608	2034.435
#2	1286.847	1919.609	28264.14	4583.307	2047.091
#3	1298.031	1922.822	27816.09	4651.085	2050.982

Sample Name: K4555-02 Acquired: 08/30/2019 20:38:28 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039749	-.012114	.0567657	.0138320	.0039724	5.363195	.2760125
Stddev	.0036176	.002218	.0002800	.0013512	.0011447	.105951	.0057975
%RSD	91.01089	18.31002	.4931932	9.768692	28.81613	1.975515	2.100454

#1	.0028732	-.014504	.0569493	.0137920	.0026506	5.275740	.2715206
#2	.0080152	-.011717	.0564434	.0152028	.0046336	5.332833	.2739598
#3	.0010362	-.010122	.0569043	.0125013	.0046330	5.481012	.2825571

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000016	-.000300	64.67706	.0170985	.0037633	.0251094	9.122000
Stddev	.0000321	.000037	1.34667	.0003911	.0002212	.0032352	.170028
%RSD	2047.517	12.19349	2.082152	2.287386	5.878844	12.88438	1.863928

#1	.0000033	-.000341	63.82287	.0167387	.0039257	.0287968	8.968296
#2	.0000328	-.000285	63.97885	.0170420	.0038529	.0227471	9.093067
#3	-.000031	-.000272	66.22946	.0175147	.0035113	.0237844	9.304638

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3654748	83.74820	.0434025	-.000012	21.64985	.0130358	.0476219
Stddev	.0086838	1.72199	.0002181	.000068	.64997	.0026194	.0003709
%RSD	2.376047	2.056153	.5024070	562.9127	3.002199	20.09365	.7788839

#1	.3597242	82.41338	.0432288	-.000053	20.97995	.0101401	.0472449
#2	.3612362	83.13931	.0433314	.000067	21.69173	.0152401	.0479865
#3	.3754640	85.69191	.0436472	-.000051	22.27787	.0137273	.0476342

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.779752	.4043963	.0736524	.0385861	14.24548	42.02194	-.002145
Stddev	.147247	.0030180	.0001462	.0004490	.04954	.49917	.000783
%RSD	3.080645	.7462970	.1985038	1.163689	.3477264	1.187883	36.50513

#1	4.615286	.4038330	.0737406	.0385763	14.30092	41.79965	-.002668
#2	4.824638	.4076562	.0737330	.0390399	14.22999	41.67253	-.002522
#3	4.899333	.4016996	.0734836	.0381420	14.20555	42.59364	-.001245

Sample Name: K4555-02 Acquired: 08/30/2019 20:38:28 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-14 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2918352	.0068642	.1243005
Stddev	.0074292	.0011420	.0020176
%RSD	2.545673	16.63781	1.623198

#1	.2859996	.0057424	.1223950
#2	.2893076	.0068246	.1240925
#3	.3001984	.0080255	.1264141

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1292.089	1921.492	28021.61	4637.100	2036.590
Stddev	9.737	1.015	103.03	31.825	4.584
%RSD	.7535890	.0528047	.3676776	.6863063	.2250639

#1	1288.108	1920.631	27907.35	4636.661	2031.323
#2	1284.973	1921.235	28050.04	4669.143	2039.680
#3	1303.186	1922.610	28107.44	4605.498	2038.765

Sample Name: K4555-04 Acquired: 08/30/2019 20:42:18 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002273	-.011703	.0572806	.0115683	.0010533	.0415524	.0954345
Stddev	.002367	.000890	.0024249	.0022091	.0009984	.0037325	.0006855
%RSD	104.1353	7.604375	4.233467	19.09612	94.78472	8.982632	.7182664

#1	-.003451	-.012716	.0556675	.0090185	.0022017	.0430566	.0946529
#2	.000452	-.011345	.0600692	.0129070	.0003918	.0373025	.0957169
#3	-.003821	-.011047	.0561050	.0127793	.0005664	.0442980	.0959336

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000427	-.000084	46.95086	.0025495	-.001119	.0024406	.0880578
Stddev	.000037	.000151	.08960	.0006353	.000245	.0017119	.0080960
%RSD	8.716509	178.4263	.1908332	24.91678	21.91544	70.14282	9.193946

#1	-.000464	.000090	46.84793	.0018249	-.000848	.0032423	.0964370
#2	-.000389	-.000169	46.99321	.0028133	-.001325	.0036044	.0802784
#3	-.000430	-.000174	47.01143	.0030104	-.001183	.0004749	.0874581

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1504346	52.54654	.0203581	-.000503	20.93338	-.000532	.0358547
Stddev	.0005114	.36167	.0003565	.000169	.31984	.000644	.0006786
%RSD	.3399217	.6882880	1.750911	33.58658	1.527906	121.0449	1.892559

#1	.1501178	52.22269	.0206709	-.000627	21.06276	-.000823	.0354244
#2	.1501615	52.48009	.0204334	-.000571	20.56911	.000206	.0355028
#3	.1510245	52.93682	.0199700	-.000311	21.16826	-.000979	.0366370

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.401277	.0659093	.0596274	.0111577	6.386471	41.66649	-.000685
Stddev	.099046	.0008406	.0006659	.0005752	.069850	.42742	.001225
%RSD	2.912024	1.275363	1.116775	5.155100	1.093721	1.025819	178.7446

#1	3.345726	.0649463	.0603239	.0117562	6.430079	42.14484	-.000031
#2	3.515630	.0664960	.0589970	.0106091	6.305907	41.32209	-.002098
#3	3.342475	.0662855	.0595614	.0111080	6.423427	41.53253	.000073

Sample Name: K4555-04 Acquired: 08/30/2019 20:42:18 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-13 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000627	.0015453	.1047485
Stddev	.000327	.0012413	.0011766
%RSD	52.18034	80.32442	1.123279

#1	-.000846	.0010019	.1033905
#2	-.000251	.0006684	.1054638
#3	-.000784	.0029656	.1053912

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1307.703	1939.705	28221.47	4614.859	2062.443
Stddev	11.123	19.077	17.90	55.425	22.958
%RSD	.8505543	.9835095	.0634207	1.201004	1.113165

#1	1307.926	1931.504	28239.02	4551.787	2047.508
#2	1296.471	1961.512	28203.24	4636.996	2088.879
#3	1318.713	1926.101	28222.16	4655.794	2050.942

Sample Name: K4555-05 Acquired: 08/30/2019 20:46:09 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019567	-.012602	.0408728	.0100226	.0053164	.0308951	.2327134
Stddev	.0030011	.002751	.0031470	.0011737	.0017324	.0108292	.0042877
%RSD	153.3779	21.82860	7.699569	11.71043	32.58607	35.05146	1.842487

#1	.0050120	-.013361	.0414632	.0090529	.0066703	.0353669	.2288727
#2	-.000987	-.009551	.0374724	.0096875	.0033641	.0387722	.2319278
#3	.001845	-.014893	.0436828	.0113274	.0059148	.0185462	.2373395

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000521	-.000212	59.51516	.0041326	-.002583	.0036387	.0133473
Stddev	.000052	.000088	1.26501	.0003674	.000166	.0006395	.0031755
%RSD	9.979351	41.35462	2.125532	8.890605	6.444718	17.57463	23.79120

#1	-.000581	-.000166	58.32880	.0043083	-.002679	.0038228	.0096835
#2	-.000491	-.000314	59.37034	.0037104	-.002391	.0041659	.0153070
#3	-.000491	-.000157	60.84636	.0043793	-.002680	.0029274	.0150513

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0585424	82.91925	.0019260	-.000254	22.10799	.0028827	.0336692
Stddev	.0015694	2.07303	.0004452	.000567	.47150	.0023077	.0002745
%RSD	2.680844	2.500056	23.11742	223.0415	2.132723	80.05208	.8153783

#1	.0569868	80.85626	.0018686	-.000855	21.76141	.0035425	.0334404
#2	.0585153	82.89931	.0015123	.000272	21.91764	.0003170	.0335936
#3	.0601253	85.00217	.0023972	-.000180	22.64491	.0047887	.0339736

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.308396	.0998302	.0730433	.0359650	14.52252	34.82025	-.001556
Stddev	.154110	.0018732	.0005343	.0002199	.01592	.51798	.001230
%RSD	4.658158	1.876388	.7315197	.6115070	.1096490	1.487578	79.04958

#1	3.136412	.1003167	.0725431	.0361551	14.50501	34.27217	-.000602
#2	3.354813	.0977618	.0729807	.0357241	14.52643	34.88688	-.001122
#3	3.433962	.1014122	.0736062	.0360158	14.53613	35.30168	-.002945

Sample Name: K4555-05 Acquired: 08/30/2019 20:46:09 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-14 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000973	.0050716	.1171907
Stddev	.000760	.0013521	.0023328
%RSD	78.10622	26.66109	1.990581

#1	-.000118	.0038024	.1145864
#2	-.001573	.0049187	.1178969
#3	-.001229	.0064937	.1190888

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1272.252	1903.093	27718.87	4556.191	2029.077
Stddev	5.536	6.297	41.49	51.086	7.509
%RSD	.4350979	.3308766	.1496817	1.121245	.3700699

#1	1266.039	1897.114	27753.06	4608.981	2023.986
#2	1276.658	1902.498	27672.71	4552.593	2025.543
#3	1274.060	1909.665	27730.84	4507.000	2037.701

Sample Name: K4555-08 Acquired: 08/30/2019 20:49:58 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0761707	-.021651	.8311720	.0512739	.0075192	88.89442
Stddev	.0015894	.003592	.0036431	.0033019	.0005152	4.31662
%RSD	2.086652	16.59076	.4383140	6.439807	6.851522	4.855893

#1	.0776061	-.017951	.8270849	.0477888	.0078843	88.33297
#2	.0744626	-.025124	.8340783	.0516773	.0077434	84.88601
#3	.0764436	-.021877	.8323529	.0543556	.0069299	93.46430

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.151042	.0092691	-.000497	229.4016	.6291211	.4063483
Stddev	.056929	.0001899	.000338	11.5325	.0019609	.0008815
%RSD	4.945851	2.048355	68.11831	5.027215	.3116846	.2169251

#1	1.148194	.0092232	-.000448	227.8018	.6278389	.4069581
#2	1.095591	.0091065	-.000186	218.7525	.6313784	.4053376
#3	1.209342	.0094778	-.000857	241.6504	.6281460	.4067492

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5819433	194.5227	3.744884	307.8774	F 6.469518	.0015837
Stddev	.0285621	9.3150	.180513	14.6642	.007178	.0007344
%RSD	4.908060	4.788639	4.820256	4.762995	.1109524	46.37213

#1	.5796505	193.8773	3.731403	305.2308	6.462726	.0015959
#2	.5545967	185.5472	3.571490	294.7168	6.468799	.0008433
#3	.6115827	204.1437	3.931760	323.6847	6.477028	.0023119

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	304.5106	.3180550	.6474440	21.26263	4.797026	.0711019
Stddev	13.6992	.0154917	.0020556	1.00259	.011966	.0104914
%RSD	4.498751	4.870754	.3174894	4.715279	.2494384	14.75538

#1	302.3490	.3153541	.6450706	21.13961	4.810277	.0663800
#2	292.0207	.3040914	.6486576	20.32722	4.787012	.0638013
#3	319.1620	.3347196	.6486038	22.32105	4.793788	.0831245

Sample Name: K4555-08 Acquired: 08/30/2019 20:49:58 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-10 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126748	48.94095	87.81534	-.004651	3.408667	.0830310
Stddev	.0000420	.05791	3.11022	.000884	.160552	.0057716
%RSD	.3312501	.1183355	3.541779	19.00327	4.710125	6.951155

#1	.0126404	48.90705	88.09506	-.004345	3.390429	.0824867
#2	.0127216	48.90798	84.57470	-.005648	3.258013	.0775507
#3	.0126624	49.00782	90.77625	-.003961	3.577560	.0890554

Elem	Sr4077
Units	ppm
Avg	.4861242
Stddev	.0215403
%RSD	4.431017

#1	.4827863
#2	.4664477
#3	.5091385

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1562.579	2380.092	34602.59	5764.550	2000.436
Stddev	9.702	1.960	290.04	194.658	2.475
%RSD	.6208862	.0823312	.8382108	3.376817	.1237387

#1	1558.408	2379.609	34330.05	5727.267	1997.581
#2	1573.669	2378.418	34907.43	5975.154	2001.969
#3	1555.660	2382.247	34570.29	5591.230	2001.759

Sample Name: K4555-10 Acquired: 08/30/2019 20:53:48 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031142	-.008891	.0327928	.0122396	.0025205	.1214910	.3857715
Stddev	.0016282	.002064	.0025468	.0006631	.0017746	.0031030	.0084723
%RSD	52.28065	23.21002	7.766376	5.417353	70.40643	2.554060	2.196204

#1	.0036323	-.011052	.0343301	.0117896	.0043168	.1241148	.3775765
#2	.0044203	-.008681	.0298530	.0130010	.0007684	.1222923	.3852415
#3	.0012901	-.006941	.0341951	.0119282	.0024762	.1180661	.3944963

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000412	-.000118	212.5656	.0030308	.0114401	.0100373	.0314594
Stddev	.000045	.000099	5.5393	.0004421	.0001715	.0009532	.0110256
%RSD	10.91966	84.11648	2.605922	14.58541	1.498824	9.496490	35.04714

#1	-.000383	-.000003	206.8818	.0025570	.0114191	.0095288	.0441357
#2	-.000464	-.000170	212.8669	.0031034	.0116211	.0094462	.0240976
#3	-.000389	-.000179	217.9481	.0034322	.0112801	.0111369	.0261450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7316378	248.6274	.0890100	-.000155	332.4702	.0027367	.0286386
Stddev	.0166874	6.1575	.0006588	.000187	7.2306	.0019132	.0002856
%RSD	2.280823	2.476602	.7401686	120.5044	2.174802	69.90974	.9971093

#1	.7148319	242.1160	.0895895	-.000114	324.9594	.0034943	.0289673
#2	.7318774	249.4098	.0882934	-.000360	333.0677	.0041552	.0284962
#3	.7482041	254.3563	.0891471	.000008	339.3834	.0005607	.0284522

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.981346	.0556202	.1455889	.0137681	42.32152	27.65500	-.004892
Stddev	.199463	.0004468	.0018932	.0003070	.03767	.32846	.001369
%RSD	2.220860	.8032879	1.300379	2.229610	.0890012	1.187693	27.97864

#1	8.751765	.0553015	.1447320	.0140512	42.36428	27.29521	-.006179
#2	9.112103	.0554281	.1442756	.0134418	42.30702	27.73096	-.005043
#3	9.080170	.0561309	.1477590	.0138114	42.29326	27.93882	-.003454

Sample Name: K4555-10 Acquired: 08/30/2019 20:53:48 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-10 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002898	.0111896	.4414365
Stddev	.000854	.0012718	.0058240
%RSD	29.48543	11.36587	1.319332

#1	-.003413	.0097460	.4347917
#2	-.003369	.0121449	.4438620
#3	-.001911	.0116779	.4456558

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1242.529	1880.106	27149.86	4480.707	2044.484
Stddev	11.650	1.497	44.83	43.691	.162
%RSD	.9376032	.0796475	.1651107	.9751012	.0079341

#1	1229.957	1878.485	27146.17	4526.953	2044.415
#2	1244.668	1880.396	27106.99	4475.044	2044.367
#3	1252.961	1881.437	27196.41	4440.123	2044.669

Sample Name: CCV12 Acquired: 08/30/2019 20:57:38 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15425 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.959161	4.877492	4.994593	4.910319	4.933679	10.08972
Stddev	.006755	.017397	.005935	.018734	.006259	.08443
%RSD	.1362061	.3566864	.1188286	.3815234	.1268660	.8368139

#1	4.966954	4.878453	4.997775	4.921419	4.936491	10.00850
#2	4.955538	4.859635	4.987746	4.888689	4.926507	10.08363
#3	4.954990	4.894389	4.998259	4.920849	4.938039	10.17704

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.44207	.2617093	2.472829	26.07675	.9843590	2.487061
Stddev	.08729	.0044326	.006493	.22024	.0041690	.004912
%RSD	.8359121	1.693707	.2625763	.8445867	.4235240	.1975070

#1	10.43060	.2629806	2.473541	25.96893	.9832530	2.488771
#2	10.36108	.2567799	2.466010	25.93119	.9808546	2.481522
#3	10.53452	.2653673	2.478937	26.33013	.9889695	2.490889

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.236855	5.140507	2.596472	25.86289	2.484326	1.266544
Stddev	.005319	.034276	.016519	.15065	.006407	.001983
%RSD	.4300620	.6667728	.6362094	.5824858	.2578949	.1565945

#1	1.231200	5.113937	2.591396	25.88077	2.483829	1.266416
#2	1.237606	5.128387	2.583086	25.70410	2.478182	1.268588
#3	1.241759	5.179195	2.614933	26.00380	2.490967	1.264627

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.33999	2.560019	2.508245	25.40698	5.087422	5.164199
Stddev	.26568	.021689	.003929	.09456	.017138	.073142
%RSD	1.008640	.8472080	.1566536	.3721797	.3368728	1.416333

#1	26.03837	2.542974	2.508902	25.29990	5.089586	5.177057
#2	26.44233	2.552651	2.511805	25.44203	5.069305	5.085481
#3	26.53928	2.584432	2.504029	25.47901	5.103376	5.230060

Sample Name: CCV12 Acquired: 08/30/2019 20:57:38 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15425 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.976127	4.916459	F 5.505410	4.975972	5.028651	5.240880
Stddev	.006553	.010241	.091597	.022278	.029728	.056604
%RSD	.1316888	.2083068	1.663767	.4477089	.5911704	1.080049

#1	4.981018	4.922818	5.527521	4.967626	5.007752	5.230102
#2	4.968681	4.904645	5.404781	4.959072	5.015518	5.190440
#3	4.978681	4.921913	5.583927	5.001217	5.062684	5.302098

Elem	Sr4077
Units	ppm
Avg	4.991593
Stddev	.089121
%RSD	1.785432

#1	4.999250
#2	4.898890
#3	5.076638

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1345.720	2001.666	28860.52	4640.046	2144.874
Stddev	14.782	2.661	175.72	39.204	5.626
%RSD	1.098417	.1329481	.6088756	.8448954	.2622982

#1	1340.751	2002.797	28823.98	4614.448	2148.528
#2	1334.064	2003.574	28705.94	4685.179	2147.698
#3	1362.346	1998.626	29051.64	4620.511	2138.395

Sample Name: CCB12 Acquired: 08/30/2019 21:01:17 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15425 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014106	.0008815	.0005684	.0007279	.0008787	-.000280	.0019467
Stddev	.0043512	.0002773	.0015723	.0023583	.0012329	.003585	.0006340
%RSD	308.4756	31.45237	276.6066	323.9624	140.3216	1279.276	32.56757

#1	.0023879	.0010769	.0023558	-.001971	-.000526	-.004062	.0026537
#2	.0051900	.0010035	-.000601	.002389	.001377	.003069	.0014287
#3	-.003346	.0005642	-.000049	.001766	.001784	.000152	.0017576

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000053	-.000001	-.012693	-.000097	.0000008	.0021541	.0096969
Stddev	.000054	.000077	.010187	.000241	.0000780	.0025930	.0007275
%RSD	102.2097	9501.253	80.26131	248.1644	9825.530	120.3712	7.501988

#1	-.000035	-.000036	-.016695	-.000255	.0000048	-.000228	.0089017
#2	-.000010	-.000054	-.020271	-.000218	-.000079	.001774	.0098602
#3	-.000114	.000088	-.001112	.000181	.000077	.004916	.0103289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003324	.0023873	-.000487	-.000277	.1263964	-.001739	.0002336
Stddev	.0002998	.0195544	.000353	.000292	.1990599	.000574	.0001647
%RSD	90.19358	819.0892	72.40072	105.2796	157.4886	32.98033	70.50058

#1	.0000434	.0058052	-.000620	-.000529	.0755994	-.001537	.0003921
#2	.0003118	-.018651	-.000754	-.000346	-.042343	-.002387	.0000633
#3	.0006420	.020007	-.000087	.000043	.345933	-.001294	.0002455

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2603548	.0013066	.0058870	.0007183	-.004637	.0184003	.0007552
Stddev	.0436956	.0014876	.0008580	.0002589	.000391	.0006730	.0018441
%RSD	16.78309	113.8484	14.57416	36.03648	8.432944	3.657305	244.1880

#1	.2651569	-.000036	.0067918	.0010058	-.004651	.0191729	.0024351
#2	.3014510	.002906	.0057842	.0006455	-.005021	.0180861	-.001218
#3	.2144566	.001050	.0050851	.0005037	-.004239	.0179419	.001048

Sample Name: CCB12 Acquired: 08/30/2019 21:01:17 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15425 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008900	-.000614	.0002701
Stddev	.0002812	.000458	.0001451
%RSD	31.59978	74.67395	53.72242

#1	.0007175	-.000086	.0004376
#2	.0012146	-.000845	.0001836
#3	.0007380	-.000911	.0001891

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1365.021	2026.550	28806.30	4645.488	2090.340
Stddev	3.792	7.014	96.07	24.109	4.006
%RSD	.2777992	.3460981	.3334978	.5189720	.1916583

#1	1368.680	2020.255	28827.34	4622.178	2089.981
#2	1361.108	2025.285	28701.45	4643.961	2086.526
#3	1365.275	2034.110	28890.10	4670.323	2094.514

Sample Name: K4555-11 Acquired: 08/30/2019 21:05:11 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0669324	-.017597	.6726463	.0473452	.0100274	65.46676
Stddev	.0024674	.006200	.0010266	.0007390	.0010071	1.31897
%RSD	3.686479	35.23182	.1526221	1.560813	10.04298	2.014718

#1	.0666442	-.023521	.6720329	.0470997	.0092388	64.50003
#2	.0695313	-.018116	.6738315	.0481757	.0111618	66.96932
#3	.0646217	-.011154	.6720745	.0467603	.0096816	64.93092

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.174147	.0060556	.0000116	479.9934	.3262346	.3260091
Stddev	.036688	.0000854	.0000371	7.7063	.0030756	.0010916
%RSD	1.687464	1.409658	320.6557	1.605503	.9427623	.3348459

#1	2.152333	.0060943	.0000335	473.1651	.3297720	.3262491
#2	2.216504	.0061148	-.000031	488.3490	.3247385	.3248174
#3	2.153602	.0059578	.000032	478.4661	.3241932	.3269607

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5823382	188.5933	10.48663	311.3021	2.981408	.0008360
Stddev	.0104923	3.0242	.15064	5.1706	.006290	.0004948
%RSD	1.801747	1.603539	1.436482	1.660945	.2109805	59.19188

#1	.5769079	186.5963	10.36413	306.8475	2.975859	.0005556
#2	.5944327	192.0726	10.65482	316.9721	2.980124	.0014073
#3	.5756741	187.1109	10.44093	310.0869	2.988241	.0005449

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1791.636	.1931488	.5523595	44.32055	4.046020	.2194839
Stddev	35.189	.0075881	.0063124	1.04109	.013701	.0058189
%RSD	1.964086	3.928617	1.142812	2.348993	.3386168	2.651187

#1	1763.440	.1883296	.5596469	43.62364	4.030483	.2140490
#2	1831.072	.2018956	.5488486	45.51729	4.051213	.2256228
#3	1780.395	.1892212	.5485831	43.82070	4.056366	.2187801

Sample Name: K4555-11 Acquired: 08/30/2019 21:05:11 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-11 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1625724	67.38355	92.98525	-.002937	3.665069	.1206195
Stddev	.0002895	.23322	1.17476	.002705	.064630	.0045702
%RSD	.1780630	.3461021	1.263386	92.07377	1.763403	3.788916

#1	.1624222	67.30050	92.74197	-.006024	3.620459	.1156280
#2	.1629061	67.20322	94.26261	-.001809	3.739186	.1216319
#3	.1623888	67.64692	91.95117	-.000980	3.635562	.1245985

Elem	Sr4077
Units	ppm
Avg	1.154316
Stddev	.025008
%RSD	2.166454

#1	1.139471
#2	1.183189
#3	1.140288

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1318.433	2077.458	29202.61	5058.313	1910.730
Stddev	13.857	3.299	315.20	60.295	4.518
%RSD	1.051012	.1588209	1.079356	1.191992	.2364410

#1	1302.525	2073.652	28844.11	5060.188	1905.569
#2	1324.900	2079.514	29436.28	4997.102	1913.969
#3	1327.875	2079.208	29327.45	5117.648	1912.652

Sample Name: K4555-12 Acquired: 08/30/2019 21:08:52 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171000	-.012842	.0527714	.0115089	.0042293	.8532486	.4176956
Stddev	.0038932	.002569	.0015670	.0015304	.0001686	.0141132	.0061062
%RSD	22.76733	20.00417	2.969405	13.29779	3.985697	1.654060	1.461880

#1	.0131083	-.015716	.0542657	.0102379	.0041266	.8369526	.4118698
#2	.0173050	-.010770	.0511406	.0110810	.0041375	.8615141	.4171690
#3	.0208866	-.012040	.0529080	.0132077	.0044239	.8612791	.4240481

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000397	-.000039	191.6146	.0040323	-.000556	.0060781	4.223384
Stddev	.000060	.000115	3.3398	.0001519	.000190	.0045646	.093558
%RSD	15.01799	295.8326	1.742963	3.765765	34.24959	75.09967	2.215249

#1	-.000367	.000077	188.3501	.0041814	-.000574	.0049584	4.140366
#2	-.000358	-.000040	191.4688	.0038778	-.000357	.0021775	4.205025
#3	-.000465	-.000153	195.0249	.0040376	-.000736	.0110984	4.324761

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.276059	32.45808	.0251715	-.000381	14.88942	.0016600	.1592769
Stddev	.026401	.58245	.0002339	.000500	.14288	.0034485	.0004612
%RSD	2.068966	1.794466	.9292254	131.2819	.9596135	207.7489	.2895626

#1	1.250240	31.82541	.0249332	.000004	14.72700	.0006107	.1593804
#2	1.274930	32.57684	.0254008	-.000200	14.94553	-.001142	.1596776
#3	1.303006	32.97200	.0251805	-.000946	14.99573	.005511	.1587727

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.38086	.6325897	.1696106	.0093731	7.196824	34.78999	-.004076
Stddev	.24769	.0016031	.0003791	.0001079	.055750	.19746	.001337
%RSD	2.386000	.2534158	.2235372	1.151587	.7746406	.5675878	32.80703

#1	10.14191	.6336736	.1698294	.0094264	7.229939	34.59591	-.003556
#2	10.36423	.6333472	.1698295	.0094441	7.228074	34.99067	-.003077
#3	10.63645	.6307482	.1691728	.0092489	7.132459	34.78339	-.005596

Sample Name: K4555-12 Acquired: 08/30/2019 21:08:52 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0259584	.0189705	.6357717
Stddev	.0008887	.0003461	.0089029
%RSD	3.423670	1.824613	1.400329

#1	.0249798	.0188960	.6258818
#2	.0261802	.0193479	.6382871
#3	.0267152	.0186677	.6431464

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1269.557	1888.357	27555.13	4545.983	2032.708
Stddev	7.478	.347	189.07	28.039	7.159
%RSD	.5890181	.0184003	.6861402	.6167810	.3522048

#1	1263.549	1888.042	27511.51	4543.686	2025.358
#2	1277.932	1888.300	27762.19	4575.100	2033.107
#3	1267.189	1888.730	27391.68	4519.164	2039.660

Sample Name: K4555-13 Acquired: 08/30/2019 21:12:42 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0700207	-.024349	.7815680	.0843113	.0103628	194.0002	2.844152
Stddev	.0021193	.004008	.0041864	.0023233	.0030694	1.1616	.008025
%RSD	3.026610	16.45938	.5356447	2.755578	29.61977	.5987593	.2821688

#1	.0706942	-.021316	.7781174	.0859189	.0073581	192.6768	2.852674
#2	.0717214	-.028892	.7803613	.0853674	.0102370	194.4730	2.836738
#3	.0676465	-.022838	.7862252	.0816476	.0134931	194.8509	2.843045

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136318	-.001635	176.8072	.4372496	.2954362	.6236468	335.4792
Stddev	.0001109	.000051	.1923	.0023837	.0002775	.0057968	.9210
%RSD	.8133855	3.137230	.1087851	.5451500	.0939178	.9294946	.2745408

#1	.0135671	-.001576	176.6179	.4345381	.2955246	.6180320	334.6166
#2	.0135684	-.001656	176.8012	.4390147	.2951252	.6232987	335.3719
#3	.0137598	-.001672	177.0025	.4381961	.2956586	.6296098	336.4492

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.357219	118.2096	1.912302	.0037447	38.73958	.5076255	1.030129
Stddev	.019652	.3646	.001248	.0003758	.31934	.0034336	.003546
%RSD	.3091293	.3084634	.0652787	10.03634	.8243319	.6764103	.3442264

#1	6.341104	117.8090	1.912493	.0041116	38.37329	.5042358	1.031846
#2	6.351440	118.2975	1.910969	.0037620	38.95951	.5111014	1.026051
#3	6.379112	118.5222	1.913444	.0033605	38.88595	.5075392	1.032489

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.87512	7.452061	.0448820	.0192011	16.45104	104.6459	.0224760
Stddev	.26888	.041720	.0021276	.0002619	.03162	.5775	.0009577
%RSD	.9311878	.5598478	4.740530	1.363954	.1922056	.5518171	4.261106

#1	28.61279	7.474669	.0429038	.0192582	16.45371	104.1550	.0233063
#2	28.86247	7.403916	.0471328	.0194297	16.41817	105.2821	.0226934
#3	29.15010	7.477598	.0446094	.0189153	16.48124	104.5007	.0214282

Sample Name: K4555-13 Acquired: 08/30/2019 21:12:42 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.878611	.1781200	.5965103
Stddev	.030380	.0014806	.0046135
%RSD	.6227193	.8312565	.7734136

#1	4.844924	.1779992	.5919014
#2	4.903930	.1767034	.5965013
#3	4.886979	.1796573	.6011283

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1556.454	2350.633	34362.27	5636.889	2045.429
Stddev	7.952	1.581	14.49	48.306	2.274
%RSD	.5109111	.0672423	.0421601	.8569628	.1111798

#1	1547.894	2350.012	34358.05	5581.169	2046.652
#2	1557.857	2349.458	34350.37	5666.973	2046.830
#3	1563.611	2352.430	34378.40	5662.526	2042.805

Sample Name: K4555-14 Acquired: 08/30/2019 21:16:32 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074878	-.013780	.0888346	.0118744	.0060317	13.60815	.3271606
Stddev	.0037970	.003406	.0012324	.0021107	.0004121	.12015	.0016034
%RSD	50.70936	24.71432	1.387287	17.77484	6.832862	.8829396	.4901019

#1	.0051727	-.016405	.0894371	.0143081	.0065068	13.46976	.3257825
#2	.0054208	-.015002	.0874168	.0107705	.0057713	13.68591	.3289204
#3	.0118699	-.009932	.0896497	.0105447	.0058169	13.66877	.3267790

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007474	-.000421	97.79982	.0604412	.0253954	.0665089	25.84418
Stddev	.0000329	.000024	.50157	.0003990	.0002516	.0018565	.15667
%RSD	4.398338	5.741503	.5128488	.6601505	.9908974	2.791349	.6062022

#1	.0007574	-.000394	97.38411	.0603537	.0251698	.0667476	25.66380
#2	.0007107	-.000430	98.35690	.0608767	.0256668	.0682346	25.92250
#3	.0007741	-.000440	97.65845	.0600932	.0253498	.0645446	25.94625

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.815204	69.63128	.3240172	-.000213	41.63619	.0412442	.0944044
Stddev	.018065	.56564	.0000904	.000065	.68175	.0032307	.0010175
%RSD	.6416878	.8123313	.0279086	30.44589	1.637407	7.833157	1.077828

#1	2.794792	68.98256	.3239562	-.000286	40.87292	.0444821	.0950774
#2	2.829133	69.88999	.3241211	-.000193	42.18473	.0380207	.0949020
#3	2.821686	70.02130	.3239743	-.000161	41.85091	.0412296	.0932339

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.90532	.4895203	.2046415	.0230605	40.88948	42.99235	-.003631
Stddev	.30194	.0018369	.0017959	.0001100	.02995	.44002	.000956
%RSD	2.536162	.3752522	.8775606	.4769446	.0732509	1.023476	26.34262

#1	11.55691	.4913915	.2064787	.0229398	40.87383	43.44406	-.004687
#2	12.06859	.4894497	.2045558	.0230864	40.92402	42.96796	-.003381
#3	12.09048	.4877197	.2028900	.0231551	40.87060	42.56504	-.002824

Sample Name: K4555-14 Acquired: 08/30/2019 21:16:32 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6500050	.0211316	.2141221
Stddev	.0052199	.0011252	.0023931
%RSD	.8030492	5.324715	1.117618

#1	.6443535	.0210750	.2116041
#2	.6546452	.0200358	.2143955
#3	.6510165	.0222841	.2163668

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1297.614	1941.991	28231.04	4655.476	2044.179
Stddev	7.181	5.123	25.85	45.049	2.223
%RSD	.5533752	.2637850	.0915623	.9676636	.1087676

#1	1289.348	1936.078	28219.32	4611.017	2042.632
#2	1302.308	1944.822	28213.13	4654.319	2043.179
#3	1301.187	1945.074	28260.67	4701.093	2046.727

Sample Name: K4555-16 Acquired: 08/30/2019 21:20:19 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044841	-.012183	.0340116	.0094366	.0056179	.1839823
Stddev	.0024706	.003442	.0032038	.0012444	.0018307	.0092028
%RSD	55.09675	28.25141	9.419581	13.18721	32.58749	5.002027

#1	.0071948	-.013663	.0353479	.0107716	.0070713	.1789042
#2	.0023587	-.008249	.0303560	.0092295	.0035618	.1946054
#3	.0038987	-.014638	.0363308	.0083087	.0062207	.1784373

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8994240	-.000636	.0001586	507.4617	.0020323	.0341309
Stddev	.0174042	.000116	.0000229	11.9099	.0001545	.0001781
%RSD	1.935035	18.22530	14.41457	2.346956	7.603296	.5219186

#1	.8798683	-.000666	.0001329	494.0055	.0022051	.0343365
#2	.9051911	-.000735	.0001768	511.7313	.0019843	.0340247
#3	.9132127	-.000508	.0001661	516.6483	.0019075	.0340314

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056154	.0363868	7.011721	256.8261	.2491009	-.000749
Stddev	.0008804	.0049091	.156535	6.1172	.0009874	.000335
%RSD	15.67924	13.49156	2.232476	2.381853	.3963711	44.76055

#1	.0063300	.0347548	6.832790	249.9343	.2497998	-.000999
#2	.0046318	.0419040	7.079030	258.9314	.2479713	-.000368
#3	.0058843	.0325014	7.123344	261.6127	.2495314	-.000881

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2102.626	-.007446	.0279842	34.32824	.0141378	.2686007
Stddev	48.421	.003516	.0002019	.92431	.0018041	.0039331
%RSD	2.302874	47.22000	.7214327	2.692573	12.76079	1.464276

#1	2047.535	-.008978	.0278173	33.26098	.0121050	.2641676
#2	2121.907	-.009937	.0279268	34.87073	.0155487	.2716713
#3	2138.435	-.003424	.0282086	34.85301	.0147598	.2699633

Sample Name: K4555-16 Acquired: 08/30/2019 21:20:19 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-11 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2135788	67.07259	26.96037	-.005816	-.008897	.0522594
Stddev	.0002037	.23486	.37840	.002131	.000138	.0049166
%RSD	.0953915	.3501548	1.403556	36.64596	1.545834	9.408054

#1	.2138141	66.99213	26.52422	-.003798	-.009046	.0476775
#2	.2134628	66.88854	27.20111	-.008045	-.008869	.0516474
#3	.2134597	67.33711	27.15580	-.005606	-.008776	.0574534

Elem	Sr4077
Units	ppm
Avg	1.187997
Stddev	.031632
%RSD	2.662596

#1	1.151740
#2	1.202301
#3	1.209950

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1152.848	1785.287	25273.56	4275.218	1910.556
Stddev	5.878	5.543	107.44	48.530	5.391
%RSD	.5098944	.3104873	.4251126	1.135136	.2821782

#1	1149.419	1778.972	25396.41	4329.733	1904.337
#2	1159.636	1787.540	25227.11	4236.727	1913.422
#3	1149.489	1789.349	25197.16	4259.194	1913.908

Sample Name: K4555-17 Acquired: 08/30/2019 21:24:08 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157390	-.016020	.0424460	.0120200	.0044725	.0993566	.3809146
Stddev	.0008510	.002123	.0019203	.0026921	.0017293	.0174525	.0050098
%RSD	5.406684	13.25447	4.524031	22.39686	38.66415	17.56547	1.315212

#1	.0154655	-.014969	.0446564	.0150800	.0032778	.0902096	.3752783
#2	.0166931	-.018463	.0414935	.0100161	.0036843	.0883790	.3826043
#3	.0150584	-.014627	.0411883	.0109638	.0064554	.1194812	.3848610

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000574	-.000151	199.8013	.0030931	-.000793	.0024497	.0767953
Stddev	.000019	.000037	3.0265	.0001519	.000151	.0007673	.0130184
%RSD	3.274520	24.38333	1.514733	4.909597	18.99550	31.32094	16.95201

#1	-.000588	-.000110	196.6442	.0030655	-.000827	.0031586	.0729563
#2	-.000553	-.000161	200.0820	.0029569	-.000924	.0016350	.0661281
#3	-.000582	-.000182	202.6776	.0032569	-.000628	.0025555	.0913014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.296112	33.77688	.0221541	-.000322	15.82470	-.002475	.1123281
Stddev	.020439	.57796	.0007586	.000194	.08519	.004385	.0005324
%RSD	1.576964	1.711119	3.424185	60.32285	.5383131	177.1798	.4739234

#1	1.272887	33.12711	.0230282	-.000101	15.78064	.001909	.1123361
#2	1.304092	33.96992	.0217663	-.000401	15.92289	-.006862	.1117918
#3	1.311358	34.23362	.0216679	-.000464	15.77056	-.002472	.1128564

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.71766	.0733342	.1778106	.0103555	7.556727	35.28838	-.004675
Stddev	.19871	.0023700	.0032066	.0000961	.006062	.49331	.001586
%RSD	1.854004	3.231764	1.803401	.9281071	.0802171	1.397936	33.93075

#1	10.49710	.0742359	.1770924	.0104442	7.557007	35.31445	-.004670
#2	10.77316	.0706457	.1750240	.0103687	7.550529	34.78255	-.003092
#3	10.88271	.0751210	.1813155	.0102534	7.562643	35.76814	-.006264

Sample Name: K4555-17 Acquired: 08/30/2019 21:24:08 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003215	.0193621	.6642275
Stddev	.000486	.0008093	.0112455
%RSD	15.11480	4.179780	1.693017

#1	-.003049	.0197225	.6524932
#2	-.002833	.0199286	.6652789
#3	-.003761	.0184353	.6749103

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1268.883	1889.840	27506.03	4562.634	2039.944
Stddev	10.298	5.506	71.16	30.322	2.891
%RSD	.8115578	.2913668	.2587001	.6645717	.1417420

#1	1263.315	1883.779	27445.72	4552.245	2037.392
#2	1262.568	1891.205	27487.85	4596.784	2043.085
#3	1280.766	1894.535	27584.51	4538.871	2039.357

Sample Name: K4555-18 Acquired: 08/30/2019 21:27:59 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011703	-.010541	.0235508	.0099782	.0027940	.0734469	.4930705
Stddev	.0048445	.000664	.0005102	.0004787	.0005941	.0129444	.0060381
%RSD	413.9470	6.298710	2.166295	4.797821	21.26320	17.62412	1.224583

#1	-.003296	-.011111	.0240415	.0101916	.0031961	.0740858	.4864868
#2	.000487	-.009812	.0230231	.0103132	.0030743	.0860600	.4983497
#3	.006320	-.010700	.0235877	.0094299	.0021116	.0601949	.4943749

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000495	-.000139	140.0963	.0015945	.0022110	.0015022	.3433440
Stddev	.000102	.000019	1.9273	.0002244	.0003408	.0024655	.0137414
%RSD	20.63664	13.47653	1.375713	14.07124	15.41366	164.1259	4.002215

#1	-.000468	-.000122	137.8782	.0017356	.0025794	.0041949	.3285809
#2	-.000608	-.000159	141.3624	.0017122	.0019071	-.000645	.3557617
#3	-.000409	-.000135	141.0483	.0013358	.0021464	.000956	.3456893

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.174801	29.76899	.0152202	-.000684	44.74018	-.002767	.0294480
Stddev	.025923	.46929	.0006741	.000429	.49261	.000935	.0000164
%RSD	1.191966	1.576450	4.428911	62.75982	1.101047	33.80178	.0556743

#1	2.144900	29.23122	.0159537	-.001174	44.17161	-.001817	.0294371
#2	2.188557	29.98010	.0150791	-.000506	45.03878	-.002796	.0294401
#3	2.190947	30.09566	.0146279	-.000373	45.01016	-.003687	.0294669

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.34280	.0110935	.1495191	.0144054	5.197444	19.93511	-.003976
Stddev	.18602	.0016161	.0034413	.0004244	.016442	.34785	.001743
%RSD	1.798592	14.56793	2.301550	2.945868	.3163557	1.744917	43.83559

#1	10.12938	.0127446	.1456460	.0142601	5.208943	19.53382	-.004345
#2	10.42842	.0095148	.1506865	.0148833	5.204778	20.12087	-.005505
#3	10.47060	.0110212	.1522248	.0140728	5.178611	20.15065	-.002078

Sample Name: K4555-18 Acquired: 08/30/2019 21:27:59 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001339	-.000154	.4706650
Stddev	.000439	.000389	.0034813
%RSD	32.79118	252.2673	.7396468

#1	-.000839	-.000600	.4666472
#2	-.001518	.000016	.4727840
#3	-.001660	.000121	.4725638

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1304.686	1919.489	28152.59	4601.725	2067.693
Stddev	14.425	1.720	342.84	21.807	1.046
%RSD	1.105616	.0896019	1.217792	.4738840	.0505709

#1	1289.171	1919.052	27757.37	4626.217	2066.714
#2	1307.197	1918.030	28369.96	4594.542	2068.795
#3	1317.691	1921.385	28330.45	4584.415	2067.572

Sample Name: K4555-19 Acquired: 08/30/2019 21:31:50 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002747	-.012899	.0210959	.0082733	.0022810	.0613466	.1881795
Stddev	.001461	.001959	.0023936	.0030009	.0023499	.0197017	.0066165
%RSD	53.18335	15.18319	11.34621	36.27177	103.0210	32.11533	3.516063

#1	-.001662	-.010927	.0184224	.0056725	.0008553	.0520277	.1858847
#2	-.004407	-.014843	.0218257	.0075907	.0009945	.0480332	.1830159
#3	-.002171	-.012928	.0230396	.0115566	.0049932	.0839789	.1956379

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000550	-.000260	97.61592	.0013837	.0020931	.0054098	.0420750
Stddev	.000071	.000052	3.77473	.0006511	.0005435	.0006717	.0018283
%RSD	12.83881	20.19042	3.866925	47.05194	25.96508	12.41690	4.345247

#1	-.000562	-.000275	96.59821	.0009355	.0019314	.0055835	.0414223
#2	-.000613	-.000303	94.45437	.0010850	.0016489	.0059777	.0406626
#3	-.000473	-.000201	101.7952	.0021305	.0026992	.0046683	.0441400

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.306955	62.34816	.0315848	-.000757	43.22057	.0003020	.0215456
Stddev	.087899	2.40566	.0005943	.000311	1.60579	.0020782	.0000934
%RSD	3.810160	3.858427	1.881625	41.08545	3.715335	688.1273	.4333185

#1	2.281209	61.58721	.0309926	-.001113	42.79493	.0026751	.0215130
#2	2.234805	60.41499	.0315805	-.000543	41.87049	-.001194	.0214729
#3	2.404852	65.04227	.0321812	-.000614	44.99630	-.000575	.0216509

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.711592	.0495734	.2154746	.0236720	42.32233	17.46071	-.004341
Stddev	.365400	.0013306	.0042664	.0004476	.21759	.42081	.000846
%RSD	3.762517	2.684177	1.979995	1.890647	.5141186	2.410028	19.49822

#1	9.617383	.0489118	.2142970	.0235935	42.57302	17.37142	-.005153
#2	9.402521	.0487032	.2119208	.0232689	42.21142	17.09171	-.003464
#3	10.11487	.0511052	.2202061	.0241536	42.18254	17.91899	-.004405

Sample Name: K4555-19 Acquired: 08/30/2019 21:31:50 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001921	.0091715	.2094481
Stddev	.000743	.0011975	.0070624
%RSD	38.68329	13.05680	3.371888

#1	-.002753	.0083070	.2080904
#2	-.001324	.0086691	.2031632
#3	-.001685	.0105383	.2170908

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1280.863	1901.241	27712.96	4590.079	2039.735
Stddev	3.104	5.287	66.28	104.784	3.625
%RSD	.2423493	.2780585	.2391645	2.282827	.1777052

#1	1278.764	1896.296	27648.86	4610.916	2035.551
#2	1279.395	1900.614	27708.81	4682.878	2041.928
#3	1284.429	1906.814	27781.22	4476.442	2041.725

Sample Name: K4555-21 Acquired: 08/30/2019 21:35:40 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213754	-.012993	.1617759	.0227098	.0040847	26.31294	.7138339
Stddev	.0049407	.001617	.0017826	.0028686	.0009828	1.03968	.0258100
%RSD	23.11389	12.44701	1.101914	12.63142	24.05951	3.951220	3.615693

#1	.0235531	-.014530	.1617774	.0252020	.0045801	26.13645	.7078929
#2	.0157199	-.013141	.1599924	.0195741	.0029529	25.37280	.6915123
#3	.0248530	-.011306	.1635577	.0233533	.0047213	27.42957	.7420964

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020918	-.000429	138.2010	.0989914	.0540480	.1131262	69.97488
Stddev	.0000083	.000104	4.8365	.0005989	.0004198	.0055686	2.53673
%RSD	.3963751	24.20135	3.499633	.6049711	.7766500	4.922508	3.625198

#1	.0021014	-.000532	137.0292	.0986149	.0544746	.1079731	69.25203
#2	.0020864	-.000324	134.0581	.0996820	.0540339	.1123721	67.87803
#3	.0020876	-.000430	143.5158	.0986774	.0536354	.1190335	72.79458

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.220446	76.87982	.7122829	-.000060	22.00343	.0802680	.1788590
Stddev	.148380	2.61117	.0020576	.000533	.39488	.0048972	.0006283
%RSD	3.515732	3.396432	.2888813	886.0234	1.794619	6.101075	.3512719

#1	4.174609	75.93948	.7122958	-.000222	21.86869	.0807793	.1792700
#2	4.100393	74.86905	.7102189	-.000493	21.69356	.0751351	.1781358
#3	4.386335	79.83092	.7143342	.000535	22.44805	.0848894	.1791713

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.88005	1.654875	.1204404	.0065621	20.18449	77.29846	-.003096
Stddev	.34393	.010497	.0062285	.0001814	.05072	1.81845	.001136
%RSD	3.161099	.6342829	5.171409	2.764443	.2512573	2.352498	36.70335

#1	10.75843	1.658735	.1191301	.0066099	20.16644	77.56777	-.004133
#2	10.61345	1.642995	.1149712	.0063616	20.14527	75.36038	-.003275
#3	11.26826	1.662895	.1272197	.0067148	20.24176	78.96724	-.001881

Sample Name: K4555-21 Acquired: 08/30/2019 21:35:40 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.215661	.0267969	.3691695
Stddev	.043598	.0017535	.0126878
%RSD	3.586356	6.543677	3.436850

#1	1.206076	.0265600	.3672393
#2	1.177653	.0251739	.3575574
#3	1.263254	.0286568	.3827118

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1347.312	2007.818	29147.24	4823.294	2055.590
Stddev	4.920	.788	146.99	114.185	2.586
%RSD	.3651987	.0392323	.5043163	2.367364	.1258151

#1	1352.970	2007.454	29316.67	4824.010	2052.844
#2	1344.927	2007.278	29053.74	4937.119	2055.947
#3	1344.038	2008.722	29071.31	4708.753	2057.980

Sample Name: K4555-22 Acquired: 08/30/2019 21:39:26 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0438268	-.019163	.3459537	.0529409	.0069631	86.44450	1.712521
Stddev	.0022359	.002296	.0014205	.0015154	.0016402	4.05042	.071847
%RSD	5.101634	11.98182	.4105954	2.862440	23.55504	4.685570	4.195368

#1	.0452275	-.019573	.3469328	.0546562	.0057288	84.99805	1.680595
#2	.0450047	-.021227	.3443245	.0523826	.0088242	83.31588	1.662171
#3	.0412482	-.016690	.3466037	.0517838	.0063363	91.01957	1.794798

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086373	.0002680	274.9685	.1844103	.1206423	.6542757	151.0283
Stddev	.0003311	.0001186	11.6543	.0001629	.0004180	.0273579	6.2361
%RSD	3.833647	44.26319	4.238404	.0883364	.3464773	4.181397	4.129085

#1	.0086204	.0002007	269.6728	.1844995	.1207901	.6454186	148.5323
#2	.0083149	.0004049	266.9024	.1845092	.1209663	.6324437	146.4268
#3	.0089765	.0001983	288.3303	.1842223	.1201705	.6849648	158.1258

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.818744	138.5264	.3108508	.0008897	28.34356	.2070201	.6229936
Stddev	.321909	5.9068	.0005749	.0005284	.82999	.0117959	.0002050
%RSD	4.117145	4.263999	.1849547	59.39374	2.928319	5.697924	.0329124

#1	7.671369	135.7270	.3110350	.0009466	27.88428	.2073122	.6232303
#2	7.596906	134.5398	.3102064	.0003352	27.84473	.1950809	.6228717
#3	8.187958	145.3125	.3113111	.0013874	29.30168	.2186672	.6228788

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.34088	6.909205	.1046439	.1336604	21.13589	97.51862	-.001101
Stddev	1.29978	.009310	.0048871	.0007283	.06937	2.62644	.000553
%RSD	4.429928	.1347491	4.670210	.5449118	.3282323	2.693270	50.21426

#1	28.76304	6.898650	.1011584	.1344793	21.06243	96.75189	-.001131
#2	28.43022	6.912714	.1025430	.1330851	21.14495	95.36086	-.000534
#3	30.82939	6.916251	.1102301	.1334168	21.20029	100.4431	-.001639

Sample Name: K4555-22 Acquired: 08/30/2019 21:39:26 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TW-12 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.500895	.1112815	.4351980
Stddev	.158359	.0044035	.0197681
%RSD	4.523391	3.957093	4.542333

#1	3.458044	.1085914	.4287099
#2	3.368371	.1088897	.4194894
#3	3.676270	.1163633	.4573949

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1480.845	2225.643	32570.99	5377.910	2014.521
Stddev	9.792	9.028	144.67	165.464	5.838
%RSD	.6612452	.4056210	.4441747	3.076735	.2898178

#1	1473.867	2215.233	32448.80	5375.542	2011.571
#2	1476.629	2231.317	32533.44	5544.545	2021.246
#3	1492.038	2230.379	32730.74	5213.643	2010.746

Sample Name: CCV13 Acquired: 08/30/2019 21:43:19 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.936642	4.834112	4.973134	4.911224	4.884256	10.06284
Stddev	.012016	.017537	.011071	.018871	.012996	.11964
%RSD	.2433984	.3627809	.2226061	.3842440	.2660837	1.188946

#1	4.933059	4.828402	4.984169	4.916288	4.885253	9.94018
#2	4.926824	4.820141	4.962029	4.890338	4.870790	10.17921
#3	4.950041	4.853792	4.973205	4.927047	4.896725	10.06914

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.22352	.2594398	2.474764	25.77001	.9798036	2.479065
Stddev	.14852	.0034858	.002533	.40737	.0018447	.002068
%RSD	1.452748	1.343587	.1023398	1.580802	.1882752	.0834239

#1	10.06358	.2593444	2.477651	25.37612	.9807430	2.481436
#2	10.35709	.2629723	2.472916	26.18964	.9809897	2.478128
#3	10.24989	.2560027	2.473725	25.74426	.9776783	2.477632

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.229144	5.130243	2.572614	25.58718	2.477312	1.258121
Stddev	.010837	.046295	.033073	.29319	.001866	.001772
%RSD	.8816855	.9023970	1.285576	1.145864	.0753358	.1408090

#1	1.216630	5.093336	2.535301	25.29109	2.478778	1.258094
#2	1.235404	5.182188	2.598315	25.87739	2.475211	1.259906
#3	1.235397	5.115207	2.584226	25.59305	2.477946	1.256363

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.19223	2.527363	2.482879	24.74379	5.052721	5.124239
Stddev	.27722	.034054	.001862	.18599	.016882	.060098
%RSD	1.100429	1.347404	.0749973	.7516478	.3341165	1.172817

#1	25.30497	2.489854	2.480731	24.59701	5.045785	5.129406
#2	25.39532	2.556338	2.484046	24.95294	5.040411	5.181586
#3	24.87640	2.535897	2.483858	24.68141	5.071966	5.061724

Sample Name: CCV13 Acquired: 08/30/2019 21:43:19 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.963209	4.905950	F 5.566076	4.957944	5.025181	5.152114
Stddev	.018975	.011303	.068369	.008643	.059257	.103916
%RSD	.3823184	.2303965	1.228311	.1743313	1.179202	2.016956

#1	4.970528	4.918086	5.575247	4.960919	4.958003	5.057927
#2	4.941664	4.895723	5.629397	4.948207	5.070029	5.263590
#3	4.977435	4.904041	5.493585	4.964708	5.047509	5.134823

Elem	Sr4077
Units	ppm
Avg	4.937085
Stddev	.118765
%RSD	2.405574

#1	4.828303
#2	5.063795
#3	4.919156

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1358.268	2006.780	29038.43	4667.522	2154.895
Stddev	4.248	7.511	49.84	53.661	1.808
%RSD	.3127235	.3742766	.1716516	1.149668	.0838941

#1	1360.778	2004.597	28982.67	4668.728	2154.669
#2	1360.662	2015.140	29078.67	4613.268	2156.806
#3	1353.364	2000.602	29053.93	4720.570	2153.212

Sample Name: CCB13 Acquired: 08/30/2019 21:46:58 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	-.000862	-.000026	.0009194	-.000421	.0018657	.0085361	.0019768
Stddev	.001731	.002018	.0013145	.000337	.0003627	.0063966	.0009323
%RSD	200.8095	7859.123	142.9747	79.98195	19.43779	74.93633	47.16222

#1	.001131	.002291	.0018978	-.000038	.0018525	.0072353	.0022823
#2	-.001723	-.001402	.0014351	-.000672	.0022348	.0028898	.0027180
#3	-.001994	-.000965	-.000575	-.000554	.0015098	.0154831	.0009301

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000061	.0000287	-.006380	-.000072	-.000009	.0030706	.0050014
Stddev	.000059	.0000765	.004685	.000379	.000233	.0001667	.0022837
%RSD	96.20295	266.9503	73.42341	528.2846	2521.984	5.428898	45.66180

#1	-.000078	.0000445	-.001205	.000354	.000212	.0032296	.0045268
#2	.000004	-.000055	-.010330	-.000371	-.000252	.0028971	.0074851
#3	-.000110	.000096	-.007606	-.000198	.000012	.0030851	.0029922

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000755	-.010696	-.000267	-.000368	-.046174	-.005775	-.000230
Stddev	.0001610	.030379	.000660	.000248	.038566	.003523	.000188
%RSD	213.1764	284.0183	247.3701	67.33061	83.52422	61.00875	81.70466

#1	.0002414	-.012976	.000495	-.000235	-.090308	-.002149	-.000153
#2	-.000080	.020759	-.000642	-.000215	-.029248	-.009186	-.000093
#3	.000065	-.039872	-.000654	-.000654	-.018965	-.005991	-.000445

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2755060	.0032071	.0068918	.0005231	-.007491	.0238939	.0003464
Stddev	.0762725	.0019080	.0007609	.0006037	.000602	.0008682	.0006269
%RSD	27.68453	59.49266	11.04052	115.4074	8.034899	3.633383	180.9821

#1	.2935695	.0053428	.0077367	.0012078	-.007689	.0248803	.0005136
#2	.1918231	.0026079	.0066780	.0002942	-.007968	.0232458	-.000347
#3	.3411252	.0016706	.0062607	.0000674	-.006814	.0235557	.000873

Sample Name: CCB13 Acquired: 08/30/2019 21:46:58 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013170	-.001806	.0002627
Stddev	.0008166	.000874	.0001396
%RSD	62.00397	48.37364	53.13763

#1	.0012304	-.001950	.0004005
#2	.0005472	-.002599	.0002661
#3	.0021735	-.000870	.0001214

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1385.101	2020.061	28904.36	4659.941	2086.518
Stddev	21.834	8.091	265.71	20.698	7.408
%RSD	1.576334	.4005214	.9192723	.4441764	.3550419

#1	1379.570	2012.546	28819.64	4636.797	2081.095
#2	1366.564	2028.626	28691.34	4676.681	2094.959
#3	1409.168	2019.012	29202.10	4666.344	2083.501

Sample Name: K4613-09 Acquired: 08/30/2019 21:50:54 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-11-GW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1761858	-.171554	.7064812	.1288864	.0088837	249.6630	1.436338
Stddev	.0034771	.004789	.0017995	.0039215	.0008355	7.6564	.014935
%RSD	1.973543	2.791659	.2547090	3.042603	9.404583	3.066699	1.039762

#1	.1776942	-.175367	.7061667	.1244119	.0097759	245.0873	1.420382
#2	.1786540	-.173115	.7048598	.1305217	.0087555	245.3997	1.438651
#3	.1722092	-.166179	.7084172	.1317256	.0081198	258.5020	1.449981

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204365	.0206272	97.90371	.1645802	.5247887	.5431635	680.9639
Stddev	.0003117	.0003380	.63948	.0031821	.0012371	.0077016	14.5135
%RSD	1.524976	1.638413	.6531676	1.933475	.2357321	1.417917	2.131316

#1	.0203796	.0208713	97.44834	.1674606	.5235987	.5345859	665.6862
#2	.0201571	.0207687	97.62799	.1611643	.5260681	.5454194	682.6372
#3	.0207726	.0202414	98.63479	.1651157	.5246994	.5494853	694.5681

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.00880	64.91411	.8529897	.0042088	486.1984	.5387140	.9950371
Stddev	.21634	.72739	.0027559	.0005331	3.2175	.0040998	.0100849
%RSD	1.201276	1.120535	.3230826	12.66678	.6617664	.7610369	1.013519

#1	17.80758	64.15503	.8507484	.0036038	482.5428	.5346565	1.002992
#2	17.98121	64.98231	.8560667	.0046100	487.4521	.5386306	.983695
#3	18.23760	65.60500	.8521539	.0044126	488.6004	.5428548	.998425

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.99249	55.59765	^ *****	.0050766	46.31216	32.33217	.0049832
Stddev	.13814	.06994	-----	.0001017	.06487	.57355	.0018657
%RSD	.8637666	.1257918	-----	2.002599	.1400791	1.773926	37.43933

#1	15.84343	55.67519	^ -----	.0050252	46.35558	32.21634	.0058875
#2	16.11619	55.53932	^ -----	.0050108	46.23759	31.82537	.0062243
#3	16.01785	55.57845	^ -----	.0051937	46.34332	32.95479	.0028377

Sample Name: K4613-09 Acquired: 08/30/2019 21:50:54 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-11-GW Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.984884	.1226118	.4953678
Stddev	.037566	.0017308	.0007130
%RSD	.7536000	1.411638	.1439270

#1	4.945706	.1212660	.4945521
#2	4.988349	.1220051	.4956795
#3	5.020598	.1245643	.4958719

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3547.779	5551.808	79690.34	12966.12	2000.477
Stddev	31.479	16.717	924.43	108.60	3.309
%RSD	.8872835	.3011102	1.160032	.8375528	.1654218

#1	3520.078	5539.603	79022.87	12953.89	1999.007
#2	3582.011	5544.960	80745.49	13080.31	1998.158
#3	3541.247	5570.862	79302.66	12864.15	2004.267

Sample Name: K4089-06 Acquired: 08/30/2019 21:54:49 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-02-082919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0868127	-.017155	.4327264	.0603074	.0050855	139.7746	.5325045
Stddev	.0025429	.003431	.0024592	.0038063	.0015062	.1520	.0009704
%RSD	2.929152	20.00042	.5682972	6.311512	29.61766	.1087615	.1822240

#1	.0895183	-.019258	.4304089	.0575310	.0068096	139.6016	.5334260
#2	.0864479	-.013196	.4324642	.0646463	.0044211	139.8352	.5325957
#3	.0844720	-.019011	.4353062	.0587449	.0040257	139.8870	.5314918

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097853	-.001309	306.8433	.1998473	.1523350	.4963655	269.8126
Stddev	.0001100	.000172	.4804	.0005743	.0004427	.0051347	.6393
%RSD	1.123937	13.11345	.1565491	.2873857	.2906271	1.034461	.2369578

#1	.0096819	-.001302	307.3527	.1994020	.1518238	.4911272	269.0962
#2	.0099008	-.001141	306.3985	.2004956	.1525988	.5013900	270.3252
#3	.0097730	-.001484	306.7787	.1996444	.1525823	.4965793	270.0164

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.290522	130.8487	.2565922	.0018945	10.07624	.4081516	.8125583
Stddev	.005243	.2751	.0006812	.0006359	.01363	.0018200	.0038979
%RSD	.1222058	.2102256	.2654820	33.56514	.1353066	.4459096	.4797050

#1	4.284568	130.5458	.2564377	.0012845	10.08785	.4082840	.8165196
#2	4.294449	131.0830	.2560016	.0025535	10.06123	.4099017	.8124280
#3	4.292550	130.9172	.2573375	.0018455	10.07965	.4062690	.8087271

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.57914	9.425572	-.084388	.0079468	5.516071	1.780970	.0263328
Stddev	.12800	.025254	.005938	.0002256	.011499	.029857	.0014095
%RSD	.7720419	.2679334	7.035987	2.838356	.2084636	1.676431	5.352733

#1	16.45449	9.399336	-.090427	.0077195	5.512681	1.807326	.0278709
#2	16.71025	9.427668	-.084180	.0081706	5.528884	1.787039	.0251029
#3	16.57269	9.449714	-.078558	.0079502	5.506648	1.748545	.0260245

Sample Name: K4089-06 Acquired: 08/30/2019 21:54:49 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-02-082919 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.314048	.0835562	.9075071
Stddev	.002890	.0012845	.0049895
%RSD	.0543845	1.537331	.5498063

#1	5.317036	.0823037	.9018347
#2	5.313841	.0834942	.9094699
#3	5.311267	.0848706	.9112168

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1716.540	2568.311	37232.89	5928.838	2119.132
Stddev	13.353	2.041	73.63	60.190	6.814
%RSD	.7778812	.0794528	.1977562	1.015214	.3215455

#1	1705.162	2566.356	37155.26	5864.004	2121.701
#2	1713.219	2570.428	37301.74	5939.568	2124.288
#3	1731.240	2568.148	37241.68	5982.941	2111.407

Sample Name: K4089-06DUP Acquired: 08/30/2019 21:58:32 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-02-082919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0752032	-.019244	.4414326	.0596862	.0031350	140.1870	.5317186
Stddev	.0027621	.003672	.0019986	.0016591	.0013517	1.3586	.0089277
%RSD	3.672829	19.08267	.4527603	2.779752	43.11784	.9691676	1.679021

#1	.0731049	-.018357	.4437356	.0578878	.0018225	138.7480	.5222912
#2	.0741722	-.023279	.4401521	.0600135	.0030596	140.3652	.5328204
#3	.0783325	-.016097	.4404102	.0611573	.0045228	141.4477	.5400443

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100172	-.001189	292.2844	.1977515	.1553674	.5291876	270.8293
Stddev	.0000860	.000071	4.2074	.0008206	.0003011	.0051734	2.8106
%RSD	.8587239	5.997550	1.439478	.4149840	.1937818	.9776048	1.037762

#1	.0099207	-.001247	288.4917	.1968790	.1556172	.5258484	268.2585
#2	.0100449	-.001109	291.5513	.1985079	.1550331	.5265675	270.3993
#3	.0100860	-.001210	296.8101	.1978675	.1554519	.5351468	273.8300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.132338	125.8428	.2628819	.0016421	10.12025	.4004282	.8149857
Stddev	.054658	1.4451	.0006312	.0003054	.12374	.0068509	.0033656
%RSD	1.322698	1.148321	.2401177	18.59773	1.222648	1.710892	.4129591

#1	4.082453	124.5259	.2626254	.0016043	10.13974	.3965717	.8188399
#2	4.123795	125.6137	.2636010	.0013573	10.23308	.3963747	.8134896
#3	4.190764	127.3887	.2624192	.0019646	9.98792	.4083381	.8126276

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.53861	9.240865	-.081042	.0071740	6.091503	1.705430	.0377349
Stddev	.17083	.031641	.004068	.0004671	.017348	.013581	.0008992
%RSD	1.032911	.3424003	5.019503	6.510394	.2847831	.7963621	2.383064

#1	16.36545	9.276411	-.085716	.0076852	6.092367	1.720656	.0383653
#2	16.54336	9.215780	-.079107	.0067695	6.073740	1.694564	.0381342
#3	16.70701	9.230402	-.078302	.0070672	6.108403	1.701069	.0367051

Sample Name: K4089-06DUP Acquired: 08/30/2019 21:58:32 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-02-082919 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.348535	.0813073	.8991001
Stddev	.040228	.0022965	.0050058
%RSD	.7521272	2.824471	.5567548

#1	5.307460	.0786566	.8934801
#2	5.350285	.0826961	.9007401
#3	5.387859	.0825693	.9030803

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1732.397	2587.013	37419.67	6123.736	2115.480
Stddev	3.889	3.318	163.35	34.672	4.120
%RSD	.2245039	.1282369	.4365273	.5661853	.1947566

#1	1729.501	2586.939	37401.95	6132.584	2112.018
#2	1736.817	2583.733	37591.15	6153.126	2114.386
#3	1730.871	2590.367	37265.90	6085.497	2120.037

Sample Name: K4089-06LX5 Acquired: 08/30/2019 22:02:15 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB122695BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225661	-.001776	.0876309	.0141461	.0013402	33.03633	.1304587
Stddev	.0044312	.000799	.0014172	.0013242	.0015308	.22867	.0011422
%RSD	19.63653	44.98480	1.617263	9.360529	114.2235	.6921685	.8755277

#1	.0214642	-.002612	.0861127	.0126303	.0024618	32.77244	.1292599
#2	.0274443	-.001697	.0889189	.0147300	.0019625	33.16055	.1315343
#3	.0187899	-.001020	.0878612	.0150779	-.000404	33.17600	.1305818

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024457	-.000670	72.76087	.0508209	.0291874	.1282607	67.22992
Stddev	.0000737	.000063	.34595	.0004570	.0003195	.0037008	.35343
%RSD	3.013045	9.365402	.4754677	.8991984	1.094772	2.885400	.5257007

#1	.0025001	-.000610	72.36665	.0504891	.0290785	.1259454	66.82183
#2	.0024753	-.000665	73.01389	.0513421	.0295472	.1263078	67.43147
#3	.0023619	-.000735	72.90206	.0506313	.0289366	.1325290	67.43647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.040970	31.02197	.0521722	.0005668	2.750718	.0999598	.2041613
Stddev	.005593	.22575	.0003282	.0004515	.022388	.0021785	.0010595
%RSD	.5373324	.7277165	.6290654	79.66194	.8138910	2.179358	.5189626

#1	1.034819	30.79121	.0520009	.0010401	2.759157	.0975206	.2043216
#2	1.042339	31.03232	.0525506	.0005198	2.725337	.1006471	.2051315
#3	1.045752	31.24236	.0519650	.0001407	2.767660	.1017118	.2030307

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.186994	1.937420	-.012776	.0018448	1.177023	.4424048	.0027601
Stddev	.135983	.017092	.001045	.0000723	.005116	.0030571	.0013116
%RSD	3.247738	.8821911	8.182077	3.919113	.4346610	.6910066	47.51858

#1	4.110873	1.935084	-.013954	.0018865	1.175576	.4394869	.0042649
#2	4.106120	1.921616	-.012414	.0018865	1.172786	.4455842	.0021559
#3	4.343990	1.955559	-.011960	.0017613	1.182706	.4421432	.0018595

Sample Name: K4089-06LX5 Acquired: 08/30/2019 22:02:15 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB122695BL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.303576	.0193093	.2194187
Stddev	.008744	.0009069	.0015079
%RSD	.6707949	4.696680	.6872364

#1	1.294009	.0182688	.2176804
#2	1.311156	.0197272	.2202000
#3	1.305563	.0199319	.2203757

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1435.084	2129.174	30572.34	4964.188	2119.274
Stddev	3.771	4.650	128.28	30.374	1.399
%RSD	.2627435	.2184179	.4196053	.6118537	.0659952

#1	1432.592	2124.179	30489.18	4930.925	2117.890
#2	1439.422	2129.963	30507.75	4971.190	2119.244
#3	1433.239	2133.380	30720.08	4990.450	2120.687

Sample Name: K4089-06MS Acquired: 08/30/2019 22:06:04 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-02-082919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6716941	1.900635	1.361121	1.406281	.1057139	142.7415	.7178353
Stddev	.0028040	.012996	.001517	.004114	.0011335	1.4956	.0087873
%RSD	.4174505	.6837825	.1114158	.2925348	1.072269	1.047787	1.224145

#1	.6746159	1.885703	1.359646	1.401548	.1049915	141.3569	.7107164
#2	.6714414	1.909400	1.362676	1.408287	.1070204	142.5401	.7151330
#3	.6690251	1.906801	1.361042	1.409006	.1051299	144.3277	.7276564

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1589811	.1734964	313.9204	.4796638	.3352259	.6242541	253.2834
Stddev	.0014966	.0007520	3.5452	.0009915	.0022249	.0036496	2.2222
%RSD	.9413427	.4334272	1.129321	.2067001	.6636867	.5846400	.8773732

#1	.1606511	.1726635	311.1237	.4786286	.3329714	.6208920	251.1595
#2	.1585310	.1737004	312.7298	.4797579	.3352863	.6237345	253.0983
#3	.1577613	.1741253	317.9075	.4806048	.3374199	.6281356	255.5924

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.994282	124.0224	.7177209	.0593046	12.26957	.6326770	.9852393
Stddev	.040613	1.2978	.0033575	.0001188	.26704	.0082663	.0014454
%RSD	1.016771	1.046441	.4678009	.2002344	2.176451	1.306554	.1467048

#1	3.954867	122.8235	.7139946	.0591695	12.02089	.6260932	.9839178
#2	3.991983	123.8432	.7186571	.0593923	12.23602	.6299839	.9867829
#3	4.035995	125.4005	.7205109	.0593520	12.55181	.6419540	.9850171

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.34885	16.18681	.1383229	.2774880	3.600640	2.070738	.6189532
Stddev	.23026	.10094	.0075083	.0011344	.013687	.029259	.0022829
%RSD	.9083730	.6236024	5.428073	.4087995	.3801385	1.412965	.3688374

#1	25.08471	16.09999	.1299501	.2775304	3.585045	2.100626	.6164050
#2	25.45458	16.29757	.1405611	.2786006	3.606217	2.069439	.6196428
#3	25.50726	16.16289	.1444576	.2763331	3.610659	2.042151	.6208118

Sample Name: K4089-06MS Acquired: 08/30/2019 22:06:04 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-02-082919 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.347328	.1669182	1.144324
Stddev	.063811	.0020185	.006832
%RSD	1.005318	1.209285	.5970663

#1	6.292215	.1651889	1.137051
#2	6.332532	.1664296	1.145313
#3	6.417237	.1691362	1.150608

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1666.275	2504.744	36222.95	5846.585	2089.511
Stddev	14.195	6.795	193.25	38.223	2.738
%RSD	.8518836	.2712709	.5335096	.6537650	.1310470

#1	1677.855	2497.971	36304.44	5808.833	2091.341
#2	1670.532	2511.560	36362.10	5885.262	2090.829
#3	1650.439	2504.702	36002.29	5845.660	2086.363

Sample Name: K4089-06MSD Acquired: 08/30/2019 22:09:42 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-02-082919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7054857	1.909098	1.367324	1.412314	.1068578	143.1898	.7022389
Stddev	.0038071	.012601	.002001	.002856	.0013497	1.1537	.0033171
%RSD	.5396422	.6600713	.1463464	.2022318	1.263065	.8057194	.4723553

#1	.7082826	1.897590	1.365898	1.415440	.1072910	141.9779	.6984485
#2	.7011501	1.922564	1.369612	1.411662	.1079376	143.3166	.7036566
#3	.7070245	1.907140	1.366464	1.409840	.1053447	144.2748	.7046115

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1590145	.1740763	326.0974	.4743822	.3355529	.6244063	252.8899
Stddev	.0002542	.0007387	1.4520	.0004417	.0011497	.0031201	2.0982
%RSD	.1598420	.4243789	.4452695	.0931128	.3426143	.4996823	.8296995

#1	.1593005	.1741933	324.9919	.4740466	.3347804	.6212285	250.7870
#2	.1588145	.1732860	325.5585	.4742173	.3350041	.6245253	252.8993
#3	.1589285	.1747496	327.7418	.4748826	.3368741	.6274652	254.9834

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.020742	129.3257	.7193113	.0596592	11.98677	.6361332	.9744332
Stddev	.033030	1.0782	.0010991	.0003505	.14382	.0075473	.0021660
%RSD	.8214798	.8337027	.1527946	.5874896	1.199797	1.186437	.2222807

#1	3.988909	128.3825	.7183958	.0592781	11.87079	.6288795	.9765570
#2	4.018465	129.0936	.7190078	.0599677	12.14769	.6355768	.9745152
#3	4.054851	130.5011	.7205302	.0597319	11.94183	.6439434	.9722274

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.72808	16.64494	.1497375	.2762514	3.679812	2.075611	.6196506
Stddev	.13903	.04474	.0074021	.0002913	.006753	.020219	.0018324
%RSD	.5622378	.2687824	4.943418	.1054593	.1835048	.9741074	.2957162

#1	24.56869	16.59608	.1430642	.2760946	3.683377	2.093774	.6183367
#2	24.79122	16.65484	.1484490	.2765876	3.672024	2.053826	.6217439
#3	24.82435	16.68390	.1576993	.2760722	3.684035	2.079234	.6188713

Sample Name: K4089-06MSD Acquired: 08/30/2019 22:09:42 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-02-082919 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.219987	.1683836	1.128892
Stddev	.055747	.0002119	.006553
%RSD	.8962517	.1258216	.5805204

#1	6.161186	.1682092	1.121734
#2	6.226704	.1686194	1.130343
#3	6.272070	.1683223	1.134598

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1666.291	2517.480	36463.74	5858.840	2088.722
Stddev	13.557	6.834	308.63	53.988	6.176
%RSD	.8136241	.2714608	.8464044	.9214814	.2957004

#1	1653.139	2511.315	36228.08	5801.368	2088.477
#2	1665.514	2524.829	36350.05	5866.662	2095.017
#3	1680.220	2516.296	36813.08	5908.491	2082.671

Sample Name: K4089-06A Acquired: 08/30/2019 22:13:19 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB122695BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7107668	1.901804	1.375030	1.414664	.1077001	142.5390	.6943346
Stddev	.0035464	.004384	.005511	.003930	.0029970	1.3303	.0067560
%RSD	.4989517	.2305318	.4008157	.2777992	2.782762	.9332638	.9730209

#1	.7110929	1.906866	1.374446	1.410185	.1111581	141.2739	.6871718
#2	.7141389	1.899175	1.369834	1.417537	.1060894	142.4169	.6952394
#3	.7070687	1.899373	1.380810	1.416269	.1058529	143.9260	.7005926

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1581669	.1749624	325.9572	.4736516	.3377645	.6227602	251.2396
Stddev	.0010970	.0005198	4.5582	.0005354	.0016681	.0066213	2.9214
%RSD	.6935673	.2970824	1.398399	.1130280	.4938688	1.063214	1.162779

#1	.1591447	.1752734	322.1024	.4742145	.3389167	.6159265	248.5490
#2	.1569806	.1743624	324.7811	.4735916	.3358516	.6232076	250.8228
#3	.1583754	.1752515	330.9882	.4731488	.3385251	.6291464	254.3470

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.997011	129.0710	.7226522	.0600186	12.06164	.6284236	.9698700
Stddev	.052489	1.4327	.0017028	.0006332	.18304	.0095136	.0015459
%RSD	1.313196	1.109981	.2356367	1.054974	1.517514	1.513889	.1593870

#1	3.952918	127.7327	.7235020	.0593033	11.85414	.6210976	.9712785
#2	3.983044	128.8978	.7206917	.0605074	12.20017	.6249974	.9682162
#3	4.055070	130.5823	.7237629	.0602450	12.13061	.6391758	.9701154

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.70116	16.64660	.1493567	.2764472	3.690438	2.053783	.6205369
Stddev	.20836	.00988	.0057932	.0008156	.005052	.025253	.0035591
%RSD	.8435033	.0593773	3.878774	.2950283	.1368811	1.229572	.5735563

#1	24.52551	16.63877	.1437763	.2770796	3.695851	2.038377	.6231725
#2	24.64660	16.64333	.1489523	.2767353	3.689613	2.040045	.6164883
#3	24.93137	16.65771	.1553415	.2755266	3.685850	2.082926	.6219500

Sample Name: K4089-06A Acquired: 08/30/2019 22:13:19 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB122695BS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.156855	.1674794	1.132685
Stddev	.067872	.0034478	.007492
%RSD	1.102387	2.058645	.6614617

#1	6.095501	.1645394	1.125345
#2	6.145301	.1666248	1.132390
#3	6.229762	.1712742	1.140321

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1671.703	2512.764	36456.92	5895.596	2079.658
Stddev	5.294	7.605	189.26	27.122	8.234
%RSD	.3166712	.3026481	.5191323	.4600343	.3959541

#1	1665.785	2505.568	36521.84	5868.182	2074.289
#2	1675.988	2520.721	36243.75	5922.416	2089.138
#3	1673.337	2512.005	36605.18	5896.190	2075.546

Sample Name: K4090-17 Acquired: 08/30/2019 22:16:57 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OR-02-082919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1014910	-.014271	.2868971	.0537738	.0068487	146.8988	.7205776
Stddev	.0018253	.003654	.0015386	.0040460	.0020536	2.0319	.0135793
%RSD	1.798472	25.60385	.5362881	7.524111	29.98490	1.383221	1.884502

#1	.1015442	-.014010	.2880923	.0519412	.0045441	144.5555	.7049150
#2	.1032891	-.018049	.2851611	.0584119	.0084844	147.9680	.7277679
#3	.0996397	-.010755	.2874380	.0509684	.0075177	148.1728	.7290498

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079624	-.001607	579.8886	.1708883	.1340769	.3686217	240.9214
Stddev	.0001064	.000086	13.1019	.0010358	.0006670	.0048794	4.2070
%RSD	1.335946	5.362507	2.259390	.6061187	.4974643	1.323695	1.746218

#1	.0078420	-.001550	564.7893	.1720620	.1335426	.3633799	236.1045
#2	.0080016	-.001706	588.2566	.1701022	.1338637	.3694533	242.7841
#3	.0080436	-.001564	586.6199	.1705007	.1348244	.3730319	243.8754

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.751821	198.3160	.2529619	.0027966	7.450632	.3942885	.5956753
Stddev	.115518	3.7302	.0010810	.0001269	.163191	.0053750	.0018024
%RSD	2.008370	1.880955	.4273540	4.537926	2.190297	1.363211	.3025900

#1	5.618452	194.0392	.2523789	.0027229	7.636958	.3882251	.5955573
#2	5.816554	200.0111	.2522975	.0027236	7.381823	.3984676	.5975338
#3	5.820458	200.8977	.2542093	.0029431	7.333115	.3961728	.5939347

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.56738	7.885120	-.080376	.0020695	3.665034	2.564545	.0016234
Stddev	.05268	.024836	.006243	.0004913	.010899	.037770	.0018901
%RSD	.3616113	.3149761	7.767627	23.73933	.2973844	1.472764	116.4297

#1	14.51605	7.861794	-.086728	.0025522	3.660697	2.521312	.0007901
#2	14.56477	7.911231	-.080152	.0020861	3.677434	2.581187	.0002932
#3	14.62131	7.882334	-.074248	.0015701	3.656970	2.591135	.0037870

Sample Name: K4090-17 Acquired: 08/30/2019 22:16:57 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OR-02-082919 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.968136	.1106481	1.841419
Stddev	.044945	.0031389	.015636
%RSD	1.514263	2.836831	.8491208

#1	2.917218	.1070414	1.823561
#2	2.984901	.1127627	1.852652
#3	3.002289	.1121400	1.848043

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1539.122	2321.781	33507.18	5490.588	2054.174
Stddev	15.943	6.842	318.79	64.591	6.281
%RSD	1.035853	.2947057	.9514156	1.176399	.3057543

#1	1555.758	2321.780	33871.97	5560.017	2053.213
#2	1523.977	2328.624	33282.06	5432.278	2060.880
#3	1537.629	2314.939	33367.51	5479.469	2048.429

Sample Name: K4601-01 Acquired: 08/30/2019 22:20:41 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T12-E1-E4-(0 Custom ID2:
Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1791819	-.023669	1.937824	.0641681	.0103607	99.52774
Stddev	.0010869	.001323	.005804	.0017965	.0014812	.77161
%RSD	.6065853	5.590943	.2995141	2.799728	14.29621	.7752683

#1	.1781903	-.024978	1.941080	.0621844	.0088519	98.67196
#2	.1790115	-.022332	1.931123	.0656856	.0118127	99.74088
#3	.1803439	-.023697	1.941270	.0646342	.0104174	100.1704

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.068207	.0091745	.0179470	F 1637.610	.1562636	.1417378
Stddev	.006060	.0001011	.0001317	28.748	.0005062	.0003216
%RSD	.5672599	1.101781	.7340550	1.755504	.3239319	.2268806

#1	1.061258	.0092652	.0180926	1604.465	.1568148	.1415980
#2	1.070969	.0090656	.0178361	1652.602	.1561562	.1415097
#3	1.072393	.0091927	.0179123	1655.764	.1558197	.1421056

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.906826	294.4081	5.051843	89.94432	.3960537	.0141339
Stddev	.014422	2.2115	.038684	.52592	.0009266	.0002075
%RSD	.7563403	.7511654	.7657340	.5847202	.2339535	1.468068

#1	1.890706	291.8970	5.007337	89.34312	.3954824	.0140872
#2	1.911262	295.2614	5.070806	90.31916	.3955560	.0143608
#3	1.918508	296.0657	5.077387	90.17069	.3971228	.0139538

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.409049	.3297380	15.27652	16.64368	7.324703	-.106403
Stddev	.262032	.0048048	.06095	.12431	.010746	.007338
%RSD	7.686367	1.457162	.3989905	.7469014	.1467078	6.896337

#1	3.710922	.3241958	15.23824	16.53577	7.328389	-.114385
#2	3.275879	.3327310	15.34681	16.77961	7.333121	-.099951
#3	3.240347	.3322871	15.24450	16.61565	7.312599	-.104872

Sample Name: K4601-01 Acquired: 08/30/2019 22:20:41 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T12-E1-E4-(0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066901	23.22166	2.900245	.0867953	2.356005	.1336274
Stddev	.0009377	.05363	.033333	.0032427	.016705	.0006299
%RSD	14.01640	.2309501	1.149314	3.735971	.7090222	.4713465

#1	.0071057	23.28284	2.868504	.0905274	2.336717	.1332891
#2	.0073482	23.18280	2.897264	.0846682	2.365548	.1343541
#3	.0056165	23.19933	2.934969	.0851902	2.365750	.1332390

Elem	Sr4077
Units	ppm
Avg	3.085086
Stddev	.011167
%RSD	.3619642

#1	3.072225
#2	3.092318
#3	3.090716

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1481.225	2281.615	32763.01	5439.308	2019.988
Stddev	19.663	8.882	374.54	25.750	7.204
%RSD	1.327475	.3892793	1.143178	.4734117	.3566350

#1	1487.308	2271.399	32712.74	5437.782	2011.801
#2	1459.239	2287.507	32416.14	5414.354	2022.806
#3	1497.127	2285.940	33160.14	5465.787	2025.356

Sample Name: K4601-10 Acquired: 08/30/2019 22:24:31 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T12-F1-F4-(0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1545556	-.021618	1.818165	.0822530	.0113337	144.3915
Stddev	.0018520	.003057	.004824	.0036141	.0014527	.6499
%RSD	1.198274	14.13870	.2653370	4.393854	12.81729	.4501275

#1	.1524603	-.018581	1.815982	.0795454	.0112587	144.0455
#2	.1552328	-.024694	1.823694	.0808568	.0128225	143.9877
#3	.1559737	-.021580	1.814817	.0863570	.0099200	145.1412

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.157284	.0108385	.0033137	F 1384.720	.2434549	.1625089
Stddev	.010100	.0001340	.0002366	17.318	.0010817	.0004207
%RSD	.8727527	1.235837	7.140726	1.250624	.4442932	.2588886

#1	1.157688	.0108225	.0033477	1370.628	.2422364	.1629876
#2	1.146987	.0107132	.0035316	1379.479	.2443018	.1621980
#3	1.167175	.0109797	.0030620	1404.052	.2438263	.1623411

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.041354	369.7795	4.475384	113.0970	.3970548	.0060335
Stddev	.002827	2.8300	.041866	.8570	.0010781	.0006546
%RSD	.2714637	.7653282	.9354630	.7577818	.2715312	10.84979

#1	1.040829	368.9855	4.464735	112.8336	.3962999	.0064636
#2	1.038826	367.4312	4.439871	112.4026	.3982895	.0052801
#3	1.044406	372.9217	4.521546	114.0548	.3965748	.0063566

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.121241	.5625923	4.091663	25.77197	7.509956	-.082850
Stddev	.227937	.0079102	.024122	.10376	.007882	.000971
%RSD	7.302754	1.406035	.5895499	.4025921	.1049549	1.171671

#1	3.014741	.5612353	4.113276	25.77588	7.506811	-.081847
#2	2.966048	.5554483	4.065640	25.66632	7.504133	-.083785
#3	3.382934	.5710932	4.096073	25.87372	7.518925	-.082916

Sample Name: K4601-10 Acquired: 08/30/2019 22:24:31 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T12-F1-F4-(0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132321	21.17328	1.832818	.0662658	6.052150	.1778140
Stddev	.0006290	.08680	.012976	.0030774	.026838	.0018569
%RSD	4.753708	.4099393	.7079727	4.643959	.4434482	1.044276

#1	.0132123	21.07335	1.843303	.0674345	6.043240	.1765224
#2	.0138708	21.22989	1.836845	.0685876	6.030901	.1769777
#3	.0126132	21.21661	1.818306	.0627753	6.082311	.1799420

Elem	Sr4077
Units	ppm
Avg	2.535271
Stddev	.005647
%RSD	.2227238

#1	2.529770
#2	2.534991
#3	2.541053

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1494.378	2275.548	32890.85	5502.831	2022.307
Stddev	20.738	5.435	203.95	38.215	5.625
%RSD	1.387729	.2388513	.6200867	.6944595	.2781363

#1	1474.229	2273.287	32708.36	5497.618	2021.946
#2	1515.659	2271.608	33111.01	5543.385	2016.872
#3	1493.246	2281.748	32853.17	5467.490	2028.104

Sample Name: CCV14 Acquired: 08/30/2019 22:28:21 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	4.964827	4.886183	4.998571	4.984081	4.889883	10.03088	10.19828
Stddev	.023349	.026362	.006823	.007592	.016499	.10010	.09162
%RSD	.4702961	.5395188	.1365067	.1523296	.3374191	.9979164	.8983817

#1	4.968303	4.890371	4.998582	4.983652	4.887391	9.91618	10.09491
#2	4.939935	4.857978	4.991743	4.976712	4.874771	10.07581	10.26945
#3	4.986244	4.910201	5.005389	4.991879	4.907487	10.10063	10.23048

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2577112	2.497513	25.67490	.9834323	2.498592	1.236297	5.146576
Stddev	.0011039	.009051	.17073	.0039811	.008090	.012034	.007790
%RSD	.4283437	.3624186	.6649652	.4048179	.3237876	.9734213	.1513542

#1	.2568755	2.493009	25.48160	.9874753	2.493240	1.222685	5.155569
#2	.2589626	2.491597	25.80510	.9795161	2.494638	1.240685	5.142207
#3	.2572954	2.507933	25.73800	.9833055	2.507899	1.245522	5.141951

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.567898	25.24200	2.493596	1.262984	24.94670	2.518499	2.509166
Stddev	.021878	.33266	.006703	.001813	.19973	.026523	.008774
%RSD	.8519971	1.317883	.2688151	.1435110	.8006235	1.053118	.3496670

#1	2.543716	24.87553	2.491826	1.264921	24.74141	2.488135	2.517241
#2	2.573657	25.32552	2.487956	1.262700	25.14036	2.537143	2.510427
#3	2.586321	25.52493	2.501007	1.261330	24.95831	2.530218	2.499831

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.03645	5.122030	5.110139	4.976695	4.992876	5.377868	4.978050
Stddev	.24811	.008062	.024483	.017819	.032510	.034202	.007464
%RSD	.9909986	.1573932	.4791101	.3580448	.6511245	.6359852	.1499453

#1	24.76107	5.125334	5.089767	4.968025	5.017067	5.342654	4.970232
#2	25.10571	5.112841	5.137300	4.964869	4.955921	5.410960	4.978816
#3	25.24258	5.127915	5.103349	4.997189	5.005639	5.379990	4.985101

Sample Name: CCV14 Acquired: 08/30/2019 22:28:21 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.014711	5.111712	4.922473
Stddev	.048216	.052129	.128037
%RSD	.9614953	1.019790	2.601076

#1	4.961946	5.057443	4.780708
#2	5.025708	5.161397	4.957015
#3	5.056479	5.116295	5.029696

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1327.011	1967.618	28344.27	4617.280	2105.424
Stddev	3.772	7.971	94.35	33.119	8.000
%RSD	.2842284	.4050937	.3328793	.7172830	.3799750

#1	1325.432	1973.006	28279.22	4635.381	2111.253
#2	1324.286	1971.387	28301.10	4579.055	2108.716
#3	1331.316	1958.462	28452.48	4637.404	2096.303

Sample Name: CCB14 Acquired: 08/30/2019 22:32:00 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0002420	.0017525	.0011790	.0000115	.0015225	.0134589	.0019990
Stddev	.0027626	.0009792	.0006014	.0030784	.0009455	.0031835	.0005328
%RSD	1141.405	55.87215	51.01242	26718.80	62.10275	23.65357	26.65464

#1	.0002424	.0007131	.0006703	-.002162	.0023509	.0165641	.0024788
#2	.0030044	.0026576	.0010239	.003534	.0004924	.0136101	.0020925
#3	-.002521	.0018868	.0018428	-.001337	.0017242	.0102025	.0014256

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000082	-.000017	-.003094	.0000126	-.000079	.0039234	.0229760
Stddev	.000021	.000115	.014802	.0001261	.000189	.0026633	.0081095
%RSD	24.99514	688.9313	478.3734	1002.270	239.1025	67.88384	35.29557

#1	-.000069	-.000137	.013104	-.000133	.000095	.0057615	.0140562
#2	-.000106	-.000004	-.006470	.000076	-.000280	.0008691	.0249675
#3	-.000072	.000091	-.015917	.000095	-.000052	.0051396	.0299042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002636	-.017754	-.000875	-.000088	.1552805	-.002814	.0022394
Stddev	.0002843	.013213	.000295	.000253	.2524425	.003452	.0000304
%RSD	107.8583	74.42344	33.76478	287.2879	162.5719	122.6746	1.357719

#1	.0002822	-.013742	-.001098	.000200	-.011792	-.003897	.0022736
#2	-.000030	-.032509	-.000540	-.000274	.031954	-.005596	.0022154
#3	.000538	-.007012	-.000986	-.000190	.445680	.001050	.0022293

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3320330	.0017128	.0062102	.0004939	-.006089	.0157840	-.000224
Stddev	.0532494	.0021549	.0004619	.0002573	.003646	.0019511	.001379
%RSD	16.03739	125.8087	7.437283	52.11079	59.88831	12.36106	614.7475

#1	.2946988	.0023046	.0064788	.0007777	-.002075	.0180213	-.000059
#2	.3930099	-.000676	.0064749	.0002758	-.009196	.0144364	-.001679
#3	.3083903	.003510	.0056769	.0004280	-.006995	.0148942	.001064

Sample Name: CCB14 Acquired: 08/30/2019 22:32:00 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011676	-.000410	.0002939
Stddev	.0006557	.000612	.0001035
%RSD	56.16246	149.2412	35.20547

#1	.0017170	-.001079	.0003967
#2	.0013441	.000122	.0002954
#3	.0004416	-.000273	.0001897

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1363.703	1998.809	28564.15	4559.840	2057.565
Stddev	7.448	7.605	136.75	46.107	5.558
%RSD	.5461569	.3804523	.4787635	1.011144	.2701132

#1	1361.852	1990.365	28626.31	4525.542	2053.057
#2	1357.355	2005.118	28407.35	4612.253	2063.774
#3	1371.902	2000.944	28658.78	4541.725	2055.863

Sample Name: K4601-19 Acquired: 08/30/2019 22:35:55 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T12-G1-G4-(0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0942672	-.001777	1.286949	.1419962	.0120008	244.5789	2.828039
Stddev	.0032341	.002787	.006525	.0019991	.0014261	1.1341	.019338
%RSD	3.430807	156.8699	.5069992	1.407834	11.88332	.4636845	.6838000

#1	.0979425	-.004987	1.285979	.1431815	.0133309	243.3368	2.813747
#2	.0930031	.000025	1.280963	.1396882	.0104950	245.5592	2.850043
#3	.0918561	-.000369	1.293904	.1431190	.0121765	244.8407	2.820326

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142657	.0083918	216.6162	.4701303	.1562680	1.616324	589.1503
Stddev	.0003295	.0001839	1.1368	.0021191	.0009878	.011712	2.2361
%RSD	2.309784	2.190831	.5248003	.4507421	.6321143	.7246308	.3795492

#1	.0146455	.0083147	216.1684	.4700223	.1570473	1.603118	588.1038
#2	.0140565	.0082590	217.9087	.4680674	.1551570	1.620402	591.7178
#3	.0140950	.0086017	215.7714	.4723014	.1565996	1.625452	587.6294

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.155606	136.5686	.2986120	.0090010	5.426587	1.115035	3.675115
Stddev	.031460	.4028	.0008856	.0003887	.382059	.011653	.005388
%RSD	.6102054	.2949317	.2965557	4.318207	7.040500	1.045059	.1466027

#1	5.152396	136.1873	.2982817	.0085844	5.488299	1.101848	3.674093
#2	5.188548	136.9899	.2979390	.0093539	5.017428	1.123944	3.680940
#3	5.125874	136.5287	.2996152	.0090647	5.774032	1.119312	3.670311

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	98.20400	6.453018	-.270232	.0483980	8.986842	2.053854	.0847336
Stddev	.59038	.047035	.020358	.0005884	.059951	.032288	.0007489
%RSD	.6011767	.7288768	7.533516	1.215840	.6670945	1.572084	.8838725

#1	97.53568	6.398812	-.292989	.0485141	8.957096	2.091026	.0839075
#2	98.42168	6.477197	-.253751	.0489198	8.947582	2.032777	.0849251
#3	98.65462	6.483044	-.263956	.0477602	9.055849	2.037758	.0853682

Sample Name: K4601-19 Acquired: 08/30/2019 22:35:55 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T12-G1-G4-(0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	19.52504	.2648532	.7966080
Stddev	.09822	.0018625	.0051105
%RSD	.5030289	.7032317	.6415353

#1	19.44115	.2643451	.7911904
#2	19.63308	.2669170	.7972908
#3	19.50089	.2632974	.8013428

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1466.867	2229.774	32070.39	5227.000	2099.960
Stddev	14.018	1.096	118.35	39.253	5.328
%RSD	.9556597	.0491516	.3690197	.7509683	.2537147

#1	1481.820	2229.162	32198.13	5181.880	2102.657
#2	1454.023	2229.121	32048.56	5245.830	2103.400
#3	1464.759	2231.039	31964.47	5253.291	2093.823

Sample Name: K4602-08 Acquired: 08/30/2019 22:39:34 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PAR-C1-C4-(0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0717056	-.049294	.9532442	.1485721	.0151832	86.13666
Stddev	.0031453	.000500	.0074050	.0048271	.0006601	.89899
%RSD	4.386432	1.015063	.7768185	3.249016	4.347294	1.043675

#1	.0741135	-.049293	.9551777	.1429987	.0158979	85.11815
#2	.0681470	-.048793	.9450643	.1514221	.0150551	86.81958
#3	.0728564	-.049794	.9594907	.1512955	.0145965	86.47224

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.078956	.0456042	.0094371	F 1423.422	.1868163	.2132823
Stddev	.014108	.0003786	.0004111	23.539	.0005381	.0006323
%RSD	1.307585	.8302191	4.355952	1.653676	.2880460	.2964786

#1	1.063068	.0451914	.0099025	1398.648	.1872657	.2133117
#2	1.090017	.0456860	.0091236	1426.125	.1862200	.2126358
#3	1.083784	.0459353	.0092851	1445.492	.1869632	.2138995

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.035030	716.1656	16.60768	142.0466	.4383921	.0072688
Stddev	.007259	9.8004	.25331	2.1352	.0005281	.0003614
%RSD	.7013388	1.368452	1.525254	1.503199	.1204581	4.971749

#1	1.027571	704.9014	16.31624	139.6855	.4383030	.0068563
#2	1.042072	722.7386	16.77487	143.8422	.4379142	.0074206
#3	1.035447	720.8569	16.73193	142.6120	.4389590	.0075295

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.424514	.3885489	8.953883	22.51766	11.79795	^ *****
Stddev	.150120	.0044370	.044213	.11655	.04097	-----
%RSD	4.383681	1.141954	.4937895	.5176106	.3472771	-----

#1	3.455891	.3838113	9.003951	22.38483	11.83669	^ -----
#2	3.261185	.3926071	8.920205	22.56530	11.75506	^ -----
#3	3.556465	.3892282	8.937494	22.60285	11.80210	^ -----

Sample Name: K4602-08 Acquired: 08/30/2019 22:39:34 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PAR-C1-C4-(0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067793	13.04736	3.788015	.0373319	4.857271	.0859289
Stddev	.0004393	.02145	.023796	.0026967	.046261	.0015183
%RSD	6.480148	.1643738	.6282030	7.223673	.9523972	1.766873

#1	.0064089	13.06237	3.760634	.0365907	4.807167	.0848123
#2	.0066643	13.02280	3.799703	.0403217	4.898360	.0876576
#3	.0072647	13.05692	3.803707	.0350832	4.866288	.0853166

Elem	Sr4077
Units	ppm
Avg	2.324267
Stddev	.017619
%RSD	.7580658

#1	2.303922
#2	2.334580
#3	2.334299

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1528.156	2355.606	34016.07	5595.315	2009.688
Stddev	9.896	1.669	130.59	34.522	2.986
%RSD	.6475664	.0708611	.3839171	.6169725	.1485940

#1	1517.026	2353.720	34019.93	5630.738	2006.516
#2	1531.480	2356.201	33883.58	5561.771	2012.446
#3	1535.962	2356.895	34144.68	5593.437	2010.102

Sample Name: K4602-13 Acquired: 08/30/2019 22:43:22 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PAR-D1-D4-(0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0483953	-.038398	.9338068	.1506978	.0104097	183.2025	1.629864
Stddev	.0040519	.000432	.0037846	.0023944	.0015063	1.1657	.015049
%RSD	8.372439	1.123951	.4052844	1.588894	14.47012	.6362684	.9233018

#1	.0513123	-.037900	.9361408	.1484365	.0090537	182.3363	1.616098
#2	.0501048	-.038634	.9294402	.1504509	.0120310	182.7433	1.627565
#3	.0437689	-.038660	.9358393	.1532062	.0101444	184.5278	1.645930

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0397019	.0050601	225.7346	.3334451	.3115623	.9719818	688.1459
Stddev	.0004191	.0000959	2.3600	.0013308	.0004153	.0067875	5.8915
%RSD	1.055484	1.895912	1.045462	.3991015	.1333091	.6983144	.8561363

#1	.0397137	.0050024	224.1695	.3348471	.3115969	.9641579	682.4835
#2	.0392770	.0050071	224.5851	.3321994	.3119593	.9754944	687.7119
#3	.0401149	.0051708	228.4490	.3332887	.3111308	.9762932	694.2424

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.059991	90.24169	.5125025	.0097379	3.630944	.6206388	2.641111
Stddev	.076513	.80767	.0016821	.0004296	.342613	.0040021	.001515
%RSD	1.083757	.8950097	.3282142	4.411248	9.435931	.6448426	.0573651

#1	6.992380	89.59748	.5112684	.0096646	3.291714	.6196881	2.639899
#2	7.044544	89.97976	.5118206	.0093498	3.976843	.6171977	2.640624
#3	7.143049	91.14781	.5144185	.0101994	3.624276	.6250307	2.642810

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	76.55454	15.90923	^ *****	.0077360	11.03200	2.084856	.0017107
Stddev	.49655	.03482	-----	.0001340	.02353	.023507	.0028394
%RSD	.6486164	.2188722	-----	1.732305	.2132752	1.127516	165.9742

#1	76.00682	15.92623	^ -----	.0076015	11.01563	2.089086	.0031494
#2	76.68158	15.86917	^ -----	.0077370	11.02140	2.059521	-.001560
#3	76.97522	15.93228	^ -----	.0078695	11.05896	2.105961	.003543

Sample Name: K4602-13 Acquired: 08/30/2019 22:43:22 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PAR-D1-D4-(0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	16.11772	.1713117	.5125410
Stddev	.11926	.0032059	.0026361
%RSD	.7399114	1.871385	.5143105

#1	16.03047	.1687067	.5095827
#2	16.06906	.1703363	.5134000
#3	16.25361	.1748920	.5146405

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1639.427	2497.199	35759.54	5872.586	2096.037
Stddev	11.083	8.717	293.97	33.050	7.322
%RSD	.6760394	.3490579	.8220774	.5627813	.3493311

#1	1628.426	2495.680	35461.79	5836.957	2090.836
#2	1639.265	2506.575	35767.23	5902.242	2104.410
#3	1650.591	2489.342	36049.58	5878.559	2092.864

Sample Name: K4603-02 Acquired: 08/30/2019 22:47:02 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PAR-E1-E4(0- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237039	-.006286	.9200319	.0890162	.0071724	176.2877	1.649433
Stddev	.0005694	.004577	.0048344	.0004566	.0009566	1.3648	.015395
%RSD	2.402348	72.80948	.5254639	.5129529	13.33672	.7741766	.9333404

#1	.0238114	-.007768	.9256121	.0892050	.0082035	174.7139	1.631662
#2	.0230884	-.009939	.9171093	.0893482	.0063139	177.0034	1.657940
#3	.0242120	-.001152	.9173742	.0884955	.0069997	177.1457	1.658696

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172713	-.000215	104.6554	.3763937	.3828400	.6651562	396.6915
Stddev	.0002768	.000106	1.0074	.0002606	.0006639	.0070936	2.7360
%RSD	1.602731	49.32597	.9625664	.0692214	.1734143	1.066451	.6896994

#1	.0172159	-.000116	103.5333	.3762637	.3827924	.6593644	393.5380
#2	.0175717	-.000327	105.4818	.3766936	.3822011	.6630360	398.4332
#3	.0170264	-.000202	104.9512	.3762237	.3835264	.6730681	398.1033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.47527	73.15011	.4437582	.0052466	2.573388	.5776793	1.664840
Stddev	.11884	.55131	.0003587	.0004498	.226806	.0012046	.002599
%RSD	.8209888	.7536700	.0808321	8.573323	8.813510	.2085196	.1561305

#1	14.33834	72.51691	.4434901	.0052928	2.483824	.5777115	1.664592
#2	14.55144	73.52358	.4441657	.0047755	2.831300	.5764590	1.662373
#3	14.53604	73.40984	.4436189	.0056715	2.405039	.5788675	1.667554

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	69.55882	5.476831	-.181050	.0029618	2.180586	2.975037	.0030564
Stddev	.56845	.015459	.016224	.0002520	.010708	.071794	.0010894
%RSD	.8172205	.2822557	8.961115	8.506568	.4910670	2.413219	35.64270

#1	68.90899	5.479725	-.183196	.0027050	2.190827	2.990591	.0030329
#2	69.96392	5.490639	-.196094	.0032086	2.169465	3.037779	.0019790
#3	69.80354	5.460130	-.163860	.0029718	2.181468	2.896741	.0041573

Sample Name: K4603-02 Acquired: 08/30/2019 22:47:02 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PAR-E1-E4(0- Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	14.98841	.2173682	.3250224
Stddev	.10212	.0023327	.0028754
%RSD	.6813250	1.073157	.8846852

#1	14.87054	.2148355	.3217022
#2	15.04424	.2194286	.3266619
#3	15.05044	.2178405	.3267030

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1621.012	2429.515	35123.99	5674.416	2107.667
Stddev	10.223	1.768	46.51	87.761	6.687
%RSD	.6306695	.0727840	.1324069	1.546613	.3172662

#1	1617.122	2427.473	35070.32	5695.897	2109.104
#2	1632.610	2430.508	35149.45	5577.909	2113.519
#3	1613.306	2430.563	35152.21	5749.443	2100.379

Sample Name: K4603-11 Acquired: 08/30/2019 22:50:45 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PAR-12-F1-F4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188573	-.006644	.9883247	.1241114	.0123702	257.2267	1.977950
Stddev	.0028055	.005825	.0019118	.0046618	.0027649	3.6290	.035008
%RSD	14.87765	87.66582	.1934409	3.756139	22.35124	1.410826	1.769898

#1	.0200325	-.011166	.9904884	.1201549	.0106782	253.8088	1.942506
#2	.0156553	-.008696	.9868634	.1229287	.0155609	256.8360	1.978840
#3	.0208841	-.000071	.9876223	.1292507	.0108716	261.0353	2.012504

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207463	-.002805	20.42708	.4370556	.3756776	.9828382	568.0835
Stddev	.0002014	.000394	.56767	.0008461	.0014924	.0133244	8.2596
%RSD	.9710118	14.03746	2.778990	.1935954	.3972582	1.355705	1.453950

#1	.0205551	-.002596	20.06847	.4364870	.3769009	.9685504	559.7228
#2	.0207271	-.002559	20.13121	.4380280	.3740148	.9850390	568.2894
#3	.0209566	-.003259	21.08156	.4366519	.3761170	.9949252	576.2382

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.91337	107.7840	.5059117	.0071951	4.067422	.7598243	2.290684
Stddev	.18014	1.6370	.0018159	.0008131	.033340	.0086190	.005526
%RSD	1.650629	1.518808	.3589381	11.30057	.8196732	1.134334	.2412347

#1	10.72840	106.2374	.5039130	.0062872	4.090415	.7525907	2.294606
#2	10.92344	107.6159	.5063623	.0074419	4.029186	.7575215	2.284364
#3	11.08826	109.4985	.5074600	.0078561	4.082666	.7693608	2.293082

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	103.2780	6.733832	-.264049	.0060123	2.562776	2.187288	.0046517
Stddev	.9589	.011629	.006620	.0004974	.004870	.004625	.0016231
%RSD	.9284742	.1726938	2.506977	8.272439	.1900372	.2114315	34.89207

#1	102.3145	6.729138	-.271498	.0065823	2.557290	2.184379	.0045831
#2	103.2873	6.725285	-.258839	.0057875	2.564450	2.184864	.0030640
#3	104.2323	6.747075	-.261809	.0056670	2.566589	2.192621	.0063080

Sample Name: K4603-11 Acquired: 08/30/2019 22:50:45 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PAR-12-F1-F4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	22.63061	.3298143	.1342449
Stddev	.31744	.0063294	.0008876
%RSD	1.402681	1.919089	.6611625

#1	22.32993	.3236211	.1333438
#2	22.59939	.3295502	.1342726
#3	22.96250	.3362717	.1351183

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1636.209	2472.286	35343.08	5697.361	2125.514
Stddev	8.605	5.068	289.09	51.328	2.143
%RSD	.5259169	.2049918	.8179482	.9009151	.1008125

#1	1637.124	2466.583	35514.76	5712.831	2126.184
#2	1644.321	2476.273	35505.15	5739.174	2127.241
#3	1627.184	2474.002	35009.31	5640.076	2123.116

Sample Name: K4613-03 Acquired: 08/30/2019 22:54:26 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-10-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0373131	-.017317	.0809285	.0549391	.0036465	114.5375	.3161496
Stddev	.0014938	.000789	.0012338	.0019292	.0008746	1.1283	.0023816
%RSD	4.003419	4.556060	1.524604	3.511449	23.98555	.9850551	.7533123

#1	.0369130	-.017933	.0822535	.0571013	.0028123	113.2747	.3133997
#2	.0389662	-.016428	.0807195	.0543222	.0035706	114.8915	.3175007
#3	.0360601	-.017591	.0798125	.0533939	.0045566	115.4463	.3175483

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064390	-.002474	4.132802	.1098422	.0646643	.1324598	226.8367
Stddev	.0000216	.000073	.103803	.0006741	.0003136	.0006892	2.1545
%RSD	.3355784	2.941063	2.511681	.6137308	.4850193	.5203043	.9497813

#1	.0064145	-.002417	4.131714	.1106201	.0643733	.1316642	224.6121
#2	.0064554	-.002449	4.237144	.1094778	.0646232	.1328723	226.9846
#3	.0064471	-.002556	4.029547	.1094287	.0649965	.1328430	228.9134

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.902177	19.63396	.1503475	.0021492	5.493552	.2408208	.3298476
Stddev	.024598	.22161	.0013587	.0003193	.202185	.0001519	.0014492
%RSD	.8475615	1.128689	.9036838	14.85512	3.680400	.0630731	.4393647

#1	2.877655	19.42656	.1487809	.0022639	5.316129	.2409428	.3299754
#2	2.902026	19.60787	.1510583	.0023952	5.713676	.2408689	.3283387
#3	2.926850	19.86746	.1512034	.0017884	5.450850	.2406507	.3312288

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.323352	5.110042	-.063329	.0034712	1.106205	4.619415	.0025947
Stddev	.025929	.017251	.004744	.0003935	.009408	.037397	.0018803
%RSD	.7802126	.3375841	7.491022	11.33572	.8504796	.8095609	72.46680

#1	3.353114	5.128446	-.064912	.0039166	1.116860	4.578231	.0004467
#2	3.311302	5.094240	-.067078	.0031709	1.099043	4.651252	.0033949
#3	3.305641	5.107439	-.057995	.0033261	1.102711	4.628762	.0039426

Sample Name: K4613-03 Acquired: 08/30/2019 22:54:26 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-10-S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.153441	.0424654	.0366087
Stddev	.011863	.0008668	.0003607
%RSD	1.028459	2.041247	.9852642

#1	1.140194	.0420285	.0362125
#2	1.163083	.0434638	.0369180
#3	1.157044	.0419041	.0366956

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1563.454	2317.985	33148.28	5324.911	2140.408
Stddev	7.737	2.178	112.21	38.834	5.091
%RSD	.4948737	.0939529	.3385003	.7292897	.2378741

#1	1554.847	2318.461	33070.77	5314.318	2139.133
#2	1565.685	2319.885	33097.12	5292.473	2146.016
#3	1569.830	2315.609	33276.95	5367.943	2136.075

Sample Name: K4613-07 Acquired: 08/30/2019 22:58:11 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-10-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145028	-.012042	.0615748	.0384615	.0029122	80.77726	.1737749
Stddev	.0020714	.005578	.0010916	.0010853	.0022836	.72877	.0025926
%RSD	14.28237	46.32258	1.772791	2.821832	78.41324	.9021913	1.491917

#1	.0143576	-.016091	.0620133	.0382385	.0023179	79.97460	.1710806
#2	.0125080	-.005679	.0603322	.0375050	.0009845	80.95972	.1739918
#3	.0166430	-.014355	.0623790	.0396410	.0054342	81.39746	.1762522

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043416	-.001936	11.26985	.1032259	.0669942	.1487275	161.1581
Stddev	.0000522	.000111	.14459	.0001913	.0001634	.0004712	1.5704
%RSD	1.201716	5.754323	1.282990	.1852791	.2438567	.3168240	.9744169

#1	.0042960	-.001828	11.11744	.1034114	.0668077	.1491356	159.4310
#2	.0043305	-.001929	11.28702	.1032369	.0671122	.1488352	161.5434
#3	.0043985	-.002051	11.40508	.1030294	.0670626	.1482118	162.4999

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.417108	18.89714	.1298151	.0019129	2.363315	.2140600	.3317280
Stddev	.016479	.14986	.0009297	.0002087	.120296	.0000529	.0007076
%RSD	1.162839	.7930129	.7161941	10.90908	5.090126	.0247317	.2132945

#1	1.398791	18.73673	.1292367	.0021347	2.467304	.2140242	.3325279
#2	1.421805	18.92111	.1293211	.0017204	2.391076	.2141208	.3314722
#3	1.430729	19.03356	.1308876	.0018836	2.231566	.2140350	.3311839

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.115144	7.741569	-.045644	.0015559	.3349861	3.641601	.0008622
Stddev	.094965	.005784	.002811	.0003256	.0026123	.014189	.0016460
%RSD	2.307703	.0747148	6.157848	20.92749	.7798190	.3896289	190.9085

#1	4.009539	7.747787	-.048613	.0018608	.3320388	3.630194	-.000999
#2	4.142369	7.736349	-.045294	.0015940	.3370156	3.637119	.002126
#3	4.193523	7.740571	-.043025	.0012130	.3359040	3.657489	.001459

Sample Name: K4613-07 Acquired: 08/30/2019 22:58:11 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-10-D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.501918	.0407772	.0377354
Stddev	.010890	.0006693	.0003879
%RSD	.7250551	1.641401	1.028016

#1	1.489531	.0403694	.0373129
#2	1.506236	.0415496	.0378179
#3	1.509986	.0404124	.0380755

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1527.538	2238.613	32276.22	5192.763	2101.589
Stddev	2.690	6.008	106.85	16.150	2.991
%RSD	.1760820	.2683872	.3310342	.3110010	.1423421

#1	1526.438	2244.878	32197.51	5206.191	2100.199
#2	1530.603	2238.063	32397.85	5197.255	2105.022
#3	1525.572	2232.900	32233.29	5174.843	2099.545

Sample Name: K4618-01 Acquired: 08/30/2019 23:01:58 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-4-12-14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0411427	-.034375	4.849955	.1120447	.0123742	75.15535	1.402443
Stddev	.0010702	.000422	.013663	.0028371	.0017562	.83665	.023335
%RSD	2.601271	1.226438	.2817215	2.532115	14.19245	1.113233	1.663852

#1	.0410384	-.034792	4.850637	.1089818	.0140285	74.26284	1.377775
#2	.0422612	-.033949	4.835964	.1125696	.0125626	75.28135	1.405390
#3	.0401284	-.034385	4.863265	.1145826	.0105313	75.92186	1.424164

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101292	-.001650	87.06399	.1203738	.0933485	.5587090	504.2470
Stddev	.0001738	.000382	1.22487	.0009604	.0003892	.0064245	6.8625
%RSD	1.715402	23.15379	1.406863	.7978245	.4168889	1.149888	1.360937

#1	.0101694	-.001323	85.99739	.1210735	.0935180	.5517950	497.3145
#2	.0102794	-.001558	86.79286	.1207689	.0929034	.5598372	504.3891
#3	.0099389	-.002070	88.40170	.1192789	.0936242	.5644946	511.0373

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.564827	56.90733	.4314204	.0093881	3.224724	.2240277	1.574468
Stddev	.114233	.84859	.0006637	.0007493	.214867	.0032560	.002131
%RSD	1.510051	1.491176	.1538384	7.981291	6.663108	1.453374	.1353422

#1	7.455279	56.12196	.4310452	.0090503	3.122457	.2226029	1.572500
#2	7.555973	56.79257	.4310294	.0088672	3.471623	.2217269	1.574174
#3	7.683229	57.80746	.4321868	.0102468	3.080093	.2277532	1.576731

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.77550	8.320559	-.179824	-.000544	11.61492	1.443580	.1179704
Stddev	.16351	.035472	.006712	.000179	.02553	.011040	.0009871
%RSD	1.186962	.4263218	3.732749	32.98368	.2198246	.7647389	.8367533

#1	13.58815	8.334657	-.184080	-.000485	11.63424	1.431787	.1168947
#2	13.88948	8.280206	-.183306	-.000401	11.58598	1.445283	.1188347
#3	13.84886	8.346816	-.172086	-.000745	11.62456	1.453669	.1181818

Sample Name: K4618-01 Acquired: 08/30/2019 23:01:58 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-4-12-14 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.087414	.0803349	.3504327
Stddev	.025109	.0014177	.0034590
%RSD	1.202870	1.764684	.9870622

#1	2.059333	.0788572	.3464597
#2	2.095207	.0804639	.3520646
#3	2.107703	.0816837	.3527738

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1471.396	2203.193	31696.44	5135.853	2114.583
Stddev	10.190	.524	163.81	38.957	4.147
%RSD	.6925677	.0237883	.5168132	.7585230	.1961342

#1	1467.850	2203.796	31786.74	5174.351	2111.315
#2	1482.886	2202.942	31795.23	5136.756	2119.248
#3	1463.453	2202.843	31507.35	5096.453	2113.185

Sample Name: K4618-03 Acquired: 08/30/2019 23:05:40 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-4-14-16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1548715	-.024831	6.839650	.1051831	.0072796	65.99575	2.327551
Stddev	.0076321	.002737	.016535	.0038374	.0015657	.50909	.023034
%RSD	4.928040	11.02450	.2417486	3.648266	21.50779	.7714000	.9896236

#1	.1522138	-.023605	6.828036	.1010015	.0080218	65.60368	2.321197
#2	.1634772	-.027967	6.832333	.1060048	.0054808	65.81246	2.308361
#3	.1489236	-.022921	6.858581	.1085431	.0083361	66.57111	2.353095

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083346	.0005661	228.5412	.1979587	.0895269	.5868784	397.4403
Stddev	.0001576	.0000355	1.8217	.0008581	.0005200	.0055017	3.3259
%RSD	1.890994	6.262374	.7971092	.4334846	.5808465	.9374585	.8368250

#1	.0083546	.0005881	229.0858	.1982741	.0893948	.5806202	397.8099
#2	.0081679	.0005850	226.5093	.1986146	.0890857	.5890617	393.9451
#3	.0084812	.0005252	230.0285	.1969876	.0901003	.5909535	400.5660

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.137392	31.01999	.2393088	.0083299	5.968739	.2272176	2.314324
Stddev	.051605	.21053	.0005100	.0006446	.124598	.0052120	.005493
%RSD	1.004498	.6787074	.2131140	7.738628	2.087508	2.293832	.2373554

#1	5.141451	30.93017	.2387261	.0084196	6.040430	.2264378	2.319961
#2	5.083877	30.86926	.2395264	.0076452	6.040921	.2224394	2.308987
#3	5.186848	31.26054	.2396739	.0089251	5.824866	.2327755	2.314023

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.558289	10.29928	-.109385	.0127834	166.5216	1.961958	.3665113
Stddev	.083323	.01507	.012414	.0004450	.1375	.047882	.0010289
%RSD	1.102402	.1463477	11.34932	3.481004	.0825702	2.440530	.2807311

#1	7.570096	10.29924	-.123718	.0126313	166.3839	2.014331	.3675119
#2	7.469693	10.31437	-.102013	.0124344	166.5221	1.920426	.3654562
#3	7.635078	10.28423	-.102423	.0132845	166.6589	1.951118	.3665658

Sample Name: K4618-03 Acquired: 08/30/2019 23:05:40 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-4-14-16 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.934377	.0825924	1.094256
Stddev	.016790	.0006412	.008197
%RSD	.8680018	.7763806	.7490537

#1	1.920867	.0824786	1.085426
#2	1.929091	.0820156	1.095722
#3	1.953175	.0832829	1.101621

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1457.137	2171.001	31559.43	5103.070	2120.515
Stddev	9.997	2.268	302.71	58.130	1.839
%RSD	.6860725	.1044703	.9591748	1.139111	.0867176

#1	1468.588	2171.922	31908.87	5063.994	2120.886
#2	1452.672	2168.418	31392.06	5169.872	2122.139
#3	1450.150	2172.664	31377.37	5075.345	2118.518

Sample Name: K4618-05 Acquired: 08/30/2019 23:09:22 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-4-18-20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0395119	-.014701	.1722452	.0553018	.0045964	90.35560	.1638659
Stddev	.0033749	.003938	.0006212	.0015889	.0013484	.83002	.0012663
%RSD	8.541507	26.79111	.3606529	2.873225	29.33675	.9186108	.7727573

#1	.0407782	-.015960	.1724123	.0567942	.0035272	89.56104	.1626530
#2	.0420705	-.017855	.1715576	.0554798	.0041507	90.28872	.1637651
#3	.0356870	-.010286	.1727658	.0536313	.0061112	91.21703	.1651795

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061645	-.002626	23.78265	.1167691	.0497335	.1358334	219.5386
Stddev	.0000752	.000054	.28609	.0016846	.0005330	.0032283	1.7625
%RSD	1.220014	2.068404	1.202916	1.442653	1.071692	2.376688	.8028220

#1	.0062286	-.002637	23.57345	.1184817	.0502713	.1379726	218.1668
#2	.0061832	-.002673	23.66584	.1151140	.0497238	.1374076	218.9225
#3	.0060818	-.002567	24.10865	.1167114	.0492055	.1321199	221.5265

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.085413	33.54411	.1473363	.0027930	44.56451	.2027244	.5426825
Stddev	.008333	.29333	.0006261	.0002081	.52707	.0017088	.0011323
%RSD	.7677711	.8744720	.4249342	7.451948	1.182724	.8429151	.2086454

#1	1.081484	33.27425	.1472252	.0025577	44.08171	.2011128	.5426519
#2	1.079770	33.50175	.1467732	.0028680	44.48500	.2025443	.5415658
#3	1.094984	33.85631	.1480105	.0029532	45.12682	.2045161	.5438297

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.63076	6.276922	.1188489	.0370360	296.8509	4.182536	.0163227
Stddev	.15629	.022292	.0017199	.0003727	.6865	.036124	.0013809
%RSD	1.068201	.3551415	1.447169	1.006366	.2312461	.8636955	8.459653

#1	14.48049	6.253697	.1172598	.0367266	296.4026	4.163057	.0177745
#2	14.61935	6.298145	.1186119	.0369316	296.5089	4.160333	.0150259
#3	14.79244	6.278926	.1206751	.0374498	297.6412	4.224220	.0161678

Sample Name: K4618-05 Acquired: 08/30/2019 23:09:22 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-4-18-20 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.176278	.1529856	.3804000
Stddev	.010882	.0036443	.0041105
%RSD	.9251288	2.382120	1.080585

#1	1.171228	.1501812	.3763963
#2	1.168838	.1516707	.3801943
#3	1.188768	.1571049	.3846096

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1479.060	2203.333	31690.95	5127.738	2179.914
Stddev	2.068	8.273	68.13	19.179	7.884
%RSD	.1397860	.3754630	.2149753	.3740184	.3616599

#1	1480.509	2197.168	31640.42	5146.228	2171.032
#2	1476.692	2212.734	31664.01	5129.050	2182.628
#3	1479.979	2200.096	31768.43	5107.938	2186.083

Sample Name: CCV15 Acquired: 08/30/2019 23:13:07 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	4.982048	4.893762	5.019900	4.963125	4.900255	10.09112	10.19698
Stddev	.009316	.026847	.013059	.006173	.008976	.13121	.15795
%RSD	.1869948	.5486047	.2601489	.1243672	.1831803	1.300299	1.548954

#1	4.973195	4.864500	5.015843	4.956376	4.902758	9.94559	10.02047
#2	4.981184	4.917258	5.009352	4.964514	4.890293	10.12740	10.24548
#3	4.991766	4.899527	5.034507	4.968484	4.907714	10.20039	10.32499

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2608068	2.502903	25.63107	.9876864	2.504469	1.229918	5.147895
Stddev	.0031648	.008276	.42311	.0022595	.005085	.011780	.087227
%RSD	1.213467	.3306662	1.650777	.2287670	.2030521	.9578131	1.694417

#1	.2609620	2.495803	25.22785	.9901647	2.502647	1.216331	5.066106
#2	.2575672	2.500913	25.59376	.9871534	2.500546	1.237276	5.137882
#3	.2638911	2.511993	26.07160	.9857410	2.510215	1.236147	5.239696

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.566582	25.50825	2.499260	1.269644	24.85489	2.522938	2.509357
Stddev	.043343	.44595	.008108	.006153	.44607	.037113	.008156
%RSD	1.688734	1.748276	.3244335	.4846369	1.794693	1.471004	.3250383

#1	2.520593	25.05269	2.494146	1.269847	24.34246	2.482490	2.500281
#2	2.572479	25.52814	2.495024	1.275693	25.06595	2.530902	2.511717
#3	2.606675	25.94393	2.508609	1.263392	25.15626	2.555422	2.516073

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.95602	5.127911	5.163232	4.985079	5.007180	5.370089	4.974760
Stddev	.27542	.030483	.044686	.013603	.011579	.058494	.020889
%RSD	1.103623	.5944436	.8654682	.2728729	.2312462	1.089248	.4199044

#1	24.75438	5.092717	5.171564	4.974837	4.994452	5.364593	4.950640
#2	24.84386	5.145083	5.114966	4.979886	5.017089	5.314537	4.986619
#3	25.26983	5.145934	5.203165	5.000513	5.009999	5.431136	4.987019

Sample Name: CCV15 Acquired: 08/30/2019 23:13:07 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.020668	5.144180	4.908294
Stddev	.059842	.090463	.104564
%RSD	1.191911	1.758542	2.130356

#1	4.955585	5.055838	4.809421
#2	5.033102	5.140080	4.897716
#3	5.073315	5.236623	5.017745

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1313.809	1945.132	27928.31	4518.346	2080.741
Stddev	5.066	6.318	155.30	32.632	6.361
%RSD	.3856116	.3248078	.5560783	.7222204	.3056945

#1	1319.346	1947.243	27853.53	4510.271	2084.354
#2	1309.405	1950.125	27824.54	4554.257	2084.473
#3	1312.675	1938.029	28106.85	4490.509	2073.397

Sample Name: CCB15 Acquired: 08/30/2019 23:16:48 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0018120	.0034208	.0002446	.0022295	.0008332	.0034903	.0020631
Stddev	.0017123	.0036566	.0009633	.0010487	.0014569	.0042079	.0000776
%RSD	94.49398	106.8930	393.7738	47.03784	174.8654	120.5599	3.761339

#1	.0025186	.0057532	.0005454	.0033918	.0013109	.0046958	.0019747
#2	.0030580	-.000793	-.000833	.0013541	.0019913	-.001189	.0020944
#3	-.000140	.005303	.001022	.0019426	-.000803	.006964	.0021201

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000061	.0000110	-.012254	-.000031	.0002251	.0010914	.0290547
Stddev	.000022	.0001081	.005276	.000363	.0002308	.0009300	.0116942
%RSD	36.33720	986.8246	43.05197	1177.908	102.5359	85.21769	40.24898

#1	-.000065	-.000085	-.017118	.000153	.0002827	.0000608	.0184145
#2	-.000037	.000128	-.012997	.000203	.0004217	.0018682	.0271744
#3	-.000081	-.000011	-.006646	-.000449	-.000029	.0013451	.0415751

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002614	.0289238	-.000365	-.000158	-.210037	-.000550	.0009261
Stddev	.0003330	.0156335	.000225	.000656	.232208	.002989	.0002605
%RSD	127.3868	54.05066	61.77623	413.8502	110.5558	543.5503	28.13295

#1	.0004770	.0461961	-.000109	.000483	.055993	-.003954	.0010387
#2	-.000122	.0248328	-.000533	-.000828	-.314038	.001647	.0011113
#3	.000429	.0157426	-.000452	-.000130	-.372065	.000657	.0006282

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1740423	.0039379	.0062671	.0006466	-.001238	.0138167	-.000728
Stddev	.1227777	.0010058	.0006465	.0004665	.001595	.0012012	.001413
%RSD	70.54472	25.54229	10.31535	72.15065	128.8230	8.693686	193.9391

#1	.0447928	.0036836	.0062854	.0011840	-.001475	.0132993	.000744
#2	.2891179	.0030836	.0056117	.0003457	.000462	.0129610	-.000857
#3	.1882163	.0050464	.0069043	.0004101	-.002702	.0151899	-.002073

Sample Name: CCB15 Acquired: 08/30/2019 23:16:48 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014880	-.003134	.0003199
Stddev	.0007418	.000149	.0001863
%RSD	49.85678	4.758062	58.24450

#1	.0008055	-.002976	.0005060
#2	.0013808	-.003155	.0003203
#3	.0022776	-.003272	.0001334

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1338.080	1961.410	28063.92	4434.206	2029.410
Stddev	8.955	5.036	81.61	18.006	3.377
%RSD	.6692635	.2567586	.2907941	.4060763	.1664064

#1	1347.680	1967.067	28158.13	4447.498	2032.923
#2	1329.952	1959.748	28018.50	4413.714	2026.188
#3	1336.608	1957.415	28015.13	4441.407	2029.119

Sample Name: K4618-07 Acquired: 08/30/2019 23:20:43 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-4-20-22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0646074	-.019918	6.485816	.0638863	.0051594	108.1466	.2308424
Stddev	.0016422	.001685	.007851	.0031145	.0014685	.9583	.0033501
%RSD	2.541824	8.461629	.1210458	4.875137	28.46192	.8861051	1.451264

#1	.0656267	-.017974	6.484065	.0603507	.0037137	107.0635	.2269740
#2	.0627130	-.020974	6.478988	.0650841	.0066497	108.4917	.2327889
#3	.0654826	-.020805	6.494394	.0662241	.0051149	108.8845	.2327642

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083059	-.001573	36.84113	.1658137	.0968858	.2135732	258.2406
Stddev	.0000598	.000058	.49129	.0005805	.0004977	.0029887	2.9302
%RSD	.7203926	3.684707	1.333544	.3501066	.5137114	1.399386	1.134676

#1	.0082378	-.001508	36.35413	.1662578	.0963165	.2106278	255.0008
#2	.0083501	-.001620	36.83264	.1660265	.0972386	.2134885	259.0155
#3	.0083297	-.001590	37.33661	.1651568	.0971024	.2166034	260.7054

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.555814	47.54595	.2132805	.0049069	52.18990	.3033441	.6477713
Stddev	.022151	.67119	.0006859	.0001799	.62566	.0047285	.0023116
%RSD	1.423724	1.411665	.3215907	3.665599	1.198815	1.558807	.3568576

#1	1.530527	46.80852	.2125880	.0050317	51.46825	.2993204	.6459471
#2	1.565134	47.70820	.2132941	.0049883	52.52138	.3021597	.6503709
#3	1.571782	48.12115	.2139595	.0047007	52.58008	.3085523	.6469959

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.30184	6.650513	.1548132	.0792156	298.7117	2.340939	.0251513
Stddev	.17974	.040990	.0040151	.0007660	1.1067	.022940	.0018289
%RSD	.9820962	.6163439	2.593528	.9669845	.3705044	.9799642	7.271545

#1	18.11262	6.697745	.1503948	.0800274	299.9894	2.315583	.0272132
#2	18.47030	6.624245	.1558061	.0791141	298.0497	2.360255	.0245153
#3	18.32260	6.629549	.1582387	.0785055	298.0961	2.346980	.0237253

Sample Name: K4618-07 Acquired: 08/30/2019 23:20:43 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-4-20-22 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.459416	.2055755	.4078988
Stddev	.014852	.0026877	.0020824
%RSD	1.017699	1.307398	.5105154

#1	1.442270	.2030450	.4054951
#2	1.468301	.2052847	.4091546
#3	1.467678	.2083967	.4090468

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1569.223	2334.287	33490.83	5407.680	2169.913
Stddev	6.216	3.420	128.83	24.045	1.690
%RSD	.3961327	.1465005	.3846625	.4446398	.0778772

#1	1574.782	2335.109	33544.14	5417.731	2167.969
#2	1570.376	2330.531	33584.45	5425.069	2171.033
#3	1562.511	2337.221	33343.90	5380.241	2170.737

Sample Name: K4618-09 Acquired: 08/30/2019 23:24:26 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-4-22-24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0675257	-.023570	.1695902	.0770064	.0037212	145.3841	.2502695
Stddev	.0041499	.003194	.0004068	.0043489	.0003014	1.9479	.0041216
%RSD	6.145647	13.55116	.2398853	5.647491	8.099597	1.339841	1.646870

#1	.0706655	-.020056	.1695770	.0719954	.0034313	143.2822	.2456973
#2	.0690908	-.024357	.1691902	.0792280	.0040329	145.7416	.2514113
#3	.0628209	-.026296	.1700035	.0797958	.0036994	147.1285	.2536998

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098714	-.002605	17.51890	.1961134	.1068661	.1767674	313.8674
Stddev	.0000393	.000172	.42420	.0007419	.0005955	.0008302	4.3688
%RSD	.3981048	6.612937	2.421380	.3782893	.5572149	.4696754	1.391937

#1	.0098375	-.002445	17.05319	.1957808	.1064619	.1758264	308.8744
#2	.0098622	-.002787	17.62032	.1955961	.1075500	.1770793	315.7403
#3	.0099145	-.002582	17.88320	.1969634	.1065866	.1773966	316.9876

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.798003	68.87928	.2902796	.0045279	57.87662	.3668553	.7284565
Stddev	.041271	1.12015	.0009434	.0006097	.75397	.0077693	.0038156
%RSD	1.475022	1.626252	.3250004	13.46567	1.302720	2.117820	.5237927

#1	2.751114	67.65837	.2913323	.0038253	57.02195	.3579676	.7328494
#2	2.814074	69.11990	.2899958	.0049183	58.16033	.3723568	.7259672
#3	2.828822	69.85956	.2895107	.0048400	58.44758	.3702416	.7265530

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.86063	5.807960	.1511290	.0926377	262.4672	2.685132	.0101212
Stddev	.36687	.010087	.0039845	.0003090	.3638	.048311	.0012064
%RSD	1.271163	.1736790	2.636474	.3335168	.1385961	1.799209	11.91923

#1	28.48867	5.809219	.1466966	.0924270	262.8872	2.733957	.0087983
#2	28.87105	5.797303	.1544135	.0929923	262.2644	2.637351	.0111605
#3	29.22217	5.817359	.1522770	.0924936	262.2501	2.684088	.0104048

Sample Name: K4618-09 Acquired: 08/30/2019 23:24:26 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-4-22-24 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.574995	.2060734	.3179345
Stddev	.019933	.0043348	.0035734
%RSD	1.265607	2.103537	1.123949

#1	1.553157	.2010854	.3145144
#2	1.579616	.2082060	.3176454
#3	1.592212	.2089289	.3216437

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1620.322	2430.378	35008.24	5625.056	2141.871
Stddev	15.093	6.967	177.43	27.369	4.718
%RSD	.9315092	.2866590	.5068293	.4865525	.2202649

#1	1612.533	2425.353	35045.50	5655.396	2136.459
#2	1610.715	2427.451	34815.13	5602.227	2144.040
#3	1637.719	2438.331	35164.08	5617.546	2145.115

Sample Name: K4618-11 Acquired: 08/30/2019 23:28:09 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-4-26-28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1033305	-.033101	.2494432	.0914582	.0078765	164.2220	.2803368
Stddev	.0027377	.000695	.0000644	.0013927	.0008379	1.1235	.0015903
%RSD	2.649470	2.098503	.0258224	1.522729	10.63795	.6841285	.5672853

#1	.1040706	-.033864	.2495055	.0901698	.0081239	162.9326	.2788125
#2	.1056221	-.032506	.2493769	.0912690	.0069428	164.7425	.2802122
#3	.1002988	-.032934	.2494471	.0929357	.0085629	164.9908	.2819858

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128508	-.002951	18.76915	.2198693	.1722766	.2279693	402.5650
Stddev	.0001680	.000235	.21178	.0009754	.0003283	.0013113	1.7534
%RSD	1.307295	7.973528	1.128355	.4436207	.1905502	.5752189	.4355560

#1	.0130019	-.002692	18.52558	.2201994	.1722570	.2286267	400.6442
#2	.0126699	-.003009	18.90984	.2187718	.1726142	.2264593	402.9713
#3	.0128808	-.003152	18.87204	.2206369	.1719586	.2288218	404.0797

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.840661	78.49302	.3854301	.0056818	39.42126	.3600323	.8790187
Stddev	.027476	.47843	.0001311	.0004329	.25538	.0033791	.0029335
%RSD	.5676069	.6095222	.0340090	7.618357	.6478114	.9385584	.3337244

#1	4.810625	77.99412	.3852808	.0053449	39.35426	.3566664	.8762713
#2	4.846831	78.53697	.3855262	.0061700	39.20606	.3600061	.8821083
#3	4.864528	78.94795	.3854834	.0055306	39.70345	.3634245	.8786766

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.04194	9.481903	-.038160	.0335120	269.5380	2.415905	.0136273
Stddev	.22253	.028719	.008751	.0003473	.8380	.010301	.0007157
%RSD	.7935606	.3028772	22.93255	1.036220	.3108866	.4263697	5.251619

#1	27.81362	9.458554	-.047596	.0338778	270.0271	2.427656	.0129364
#2	28.05399	9.513970	-.036573	.0334715	270.0164	2.408436	.0135803
#3	28.25820	9.473185	-.030311	.0331868	268.5704	2.411622	.0143654

Sample Name: K4618-11 Acquired: 08/30/2019 23:28:09 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-4-26-28 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.435816	.2074704	.2638516
Stddev	.012395	.0015916	.0024216
%RSD	.8632834	.7671463	.9177912

#1	1.421869	.2062630	.2610580
#2	1.445574	.2068742	.2651445
#3	1.440004	.2092740	.2653524

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1714.773	2562.845	36942.06	5908.254	2142.739
Stddev	6.502	5.195	223.86	42.375	1.693
%RSD	.3791974	.2027056	.6059754	.7172137	.0790163

#1	1709.331	2562.287	36713.11	5861.237	2141.467
#2	1721.974	2557.952	37160.46	5943.496	2142.089
#3	1713.014	2568.297	36952.61	5920.029	2144.661

Sample Name: K4618-13 Acquired: 08/30/2019 23:31:51 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-4-28-30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0964751	-.034324	.2637544	.0979542	.0058648	185.0382	.3039632
Stddev	.0023005	.004124	.0027286	.0016339	.0005576	2.3207	.0041595
%RSD	2.384579	12.01573	1.034519	1.667973	9.508170	1.254154	1.368418

#1	.0982611	-.037769	.2637464	.0987682	.0052209	182.7502	.2994857
#2	.0972852	-.029754	.2610299	.0960733	.0061917	184.9742	.3046966
#3	.0938792	-.035449	.2664871	.0990212	.0061817	187.3903	.3077071

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141495	-.003079	29.82472	.2421026	.2132137	.2553457	445.0631
Stddev	.0002006	.000092	.68706	.0022763	.0004394	.0030341	6.4747
%RSD	1.417548	2.981969	2.303672	.9402116	.2060814	1.188225	1.454781

#1	.0139187	-.003035	29.19535	.2425482	.2131961	.2543432	438.7049
#2	.0142477	-.003018	29.72108	.2441231	.2127834	.2529398	444.8360
#3	.0142820	-.003185	30.55771	.2396365	.2136617	.2587542	451.6483

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.348008	96.80658	.4749425	.0056559	41.18685	.3761921	.9873294
Stddev	.085757	1.77670	.0011099	.0006844	.55410	.0057097	.0036352
%RSD	1.603540	1.835309	.2336869	12.10057	1.345334	1.517761	.3681800

#1	5.271738	95.08813	.4746736	.0049921	40.64464	.3707169	.9861261
#2	5.331450	96.69530	.4761621	.0056164	41.16378	.3757490	.9844485
#3	5.440838	98.63630	.4739918	.0063592	41.75212	.3821105	.9914137

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.80755	8.871397	-.090818	.0122605	261.0660	2.811695	.0066473
Stddev	.32129	.014974	.003405	.0004473	.4396	.034813	.0032350
%RSD	1.077878	.1687850	3.749127	3.648365	.1683716	1.238156	48.66705

#1	29.44588	8.886425	-.090071	.0120590	261.4324	2.784585	.0090704
#2	29.91682	8.871288	-.087849	.0127731	260.5786	2.799545	.0029736
#3	30.05995	8.856478	-.094535	.0119494	261.1870	2.850955	.0078978

Sample Name: K4618-13 Acquired: 08/30/2019 23:31:51 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-4-28-30 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.559344	.2206132	.2736409
Stddev	.012717	.0054475	.0021553
%RSD	.8155138	2.469273	.7876270

#1	1.546063	.2149549	.2711873
#2	1.560560	.2210628	.2745071
#3	1.571409	.2258221	.2752284

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1775.905	2675.736	38269.65	6224.261	2138.280
Stddev	2.611	4.077	161.58	68.167	3.894
%RSD	.1470035	.1523576	.4222154	1.095180	.1820890

#1	1777.730	2671.857	38239.83	6276.231	2133.875
#2	1777.070	2679.985	38125.06	6249.473	2141.262
#3	1772.915	2675.365	38444.06	6147.080	2139.704

Sample Name: K4619-03 Acquired: 08/30/2019 23:35:34 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP1-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0331970	-.009238	.1106510	.0394671	.0023310	184.3347	.6280581
Stddev	.0041132	.002773	.0022304	.0009222	.0003964	1.4977	.0053058
%RSD	12.39021	30.01412	2.015676	2.336540	17.00610	.8124772	.8447954

#1	.0286174	-.006238	.1111221	.0402176	.0027195	182.7799	.6227085
#2	.0365772	-.011706	.1126081	.0384376	.0023464	184.4563	.6281467
#3	.0343962	-.009768	.1082226	.0397460	.0019271	185.7679	.6333190

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074059	-.002189	-.553192	.1308434	.0480686	.0962050	160.8101
Stddev	.0000484	.000177	.047114	.0006819	.0003089	.0011895	1.4856
%RSD	.6535311	8.100127	8.516842	.5211845	.6425684	1.236406	.9238173

#1	.0074090	-.002039	-.606385	.1302185	.0478006	.0950302	159.3531
#2	.0074528	-.002385	-.536473	.1315708	.0484064	.0974086	160.7544
#3	.0073561	-.002144	-.516716	.1307408	.0479987	.0961762	162.3227

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4564455	5.966561	.0942738	.0023726	.6184865	.2639184	.2148679
Stddev	.0039072	.073510	.0000587	.0002409	.3761935	.0006287	.0010756
%RSD	.8560138	1.232035	.0622967	10.15387	60.82485	.2382219	.5005706

#1	.4525767	5.883510	.0943413	.0021309	.9030457	.2646166	.2137252
#2	.4563698	5.992898	.0942343	.0026127	.1919692	.2633972	.2158605
#3	.4603901	6.023274	.0942459	.0023741	.7604447	.2637412	.2150180

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.934007	3.257068	-.055813	.0008283	.7399133	2.375085	.0036183
Stddev	.039052	.005010	.002244	.0001446	.0011364	.003031	.0011092
%RSD	.9926782	.1538262	4.020065	17.45748	.1535832	.1276192	30.65436

#1	3.964591	3.253012	-.058369	.0009264	.7397828	2.371831	.0032240
#2	3.947412	3.255523	-.054903	.0008962	.7388477	2.377828	.0027602
#3	3.890018	3.262669	-.054167	.0006622	.7411092	2.375595	.0048707

Sample Name: K4619-03 Acquired: 08/30/2019 23:35:34 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP1-COMP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.289391	.0112961	.0371730
Stddev	.008864	.0007291	.0001512
%RSD	.6874358	6.454104	.4068543

#1	1.279168	.0109802	.0369985
#2	1.294065	.0121298	.0372668
#3	1.294940	.0107782	.0372537

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1536.419	2257.095	32291.64	5223.130	2122.419
Stddev	4.123	1.806	84.03	19.864	2.971
%RSD	.2683197	.0799941	.2602352	.3803004	.1399799

#1	1540.197	2255.114	32202.19	5201.385	2122.217
#2	1532.022	2257.523	32368.93	5227.685	2125.486
#3	1537.038	2258.648	32303.79	5240.321	2119.554

Sample Name: K4619-03DUP Acquired: 08/30/2019 23:39:23 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP1-COMPDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0335676	-.009662	.1115421	.0370617	.0023319	184.6491	.6179881
Stddev	.0025202	.002254	.0005104	.0015993	.0015339	2.0441	.0041484
%RSD	7.507819	23.33125	.4575678	4.315338	65.77835	1.107014	.6712684

#1	.0337984	-.009505	.1121200	.0372621	.0007083	182.4422	.6132108
#2	.0359644	-.011991	.1113532	.0353716	.0037566	185.0276	.6200745
#3	.0309399	-.007490	.1111530	.0385514	.0025307	186.4775	.6206791

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072894	-.002177	-.467363	.1329954	.0480978	.0951860	160.3707
Stddev	.0000650	.000067	.039204	.0009741	.0004050	.0026627	1.2303
%RSD	.8915595	3.078635	8.388301	.7324368	.8420851	2.797409	.7671724

#1	.0072389	-.002106	-.422632	.1319935	.0482987	.0930099	158.9532
#2	.0073627	-.002184	-.495755	.1330538	.0476316	.0981552	160.9984
#3	.0072667	-.002240	-.483701	.1339391	.0483630	.0943930	161.1606

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4593887	5.991941	.0956343	.0020574	.5133911	.2679075	.2162766
Stddev	.0048180	.070817	.0012846	.0005408	.1412656	.0065247	.0011099
%RSD	1.048780	1.181864	1.343193	26.28788	27.51618	2.435430	.5131875

#1	.4538302	5.918958	.0969336	.0026570	.6093519	.2615220	.2168420
#2	.4623693	5.996492	.0943650	.0019086	.3511758	.2676377	.2149979
#3	.4619664	6.060372	.0956044	.0016065	.5796457	.2745630	.2169900

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.852969	3.221244	-.058387	.0008093	.7254462	2.190341	.0029334
Stddev	.044462	.010439	.003424	.0003552	.0033123	.019059	.0012334
%RSD	1.153958	.3240521	5.865031	43.89705	.4565846	.8701567	42.04639

#1	3.802713	3.231300	-.061850	.0010127	.7292660	2.212243	.0040551
#2	3.887185	3.210461	-.058310	.0003991	.7233694	2.181255	.0016125
#3	3.869009	3.221970	-.055002	.0010160	.7237031	2.177524	.0031326

Sample Name: K4619-03DUP Acquired: 08/30/2019 23:39:23 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP1-COMPDUP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.291242	.0104118	.0362941
Stddev	.016381	.0006266	.0004662
%RSD	1.268629	6.017880	1.284421

#1	1.272989	.0098818	.0357639
#2	1.296070	.0102502	.0364791
#3	1.304666	.0111033	.0366394

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1517.463	2257.311	32088.87	5203.803	2128.379
Stddev	7.945	4.293	107.56	21.169	4.339
%RSD	.5235997	.1901825	.3352083	.4067912	.2038442

#1	1511.866	2259.548	32114.20	5185.749	2123.509
#2	1526.557	2252.361	32181.50	5198.559	2131.833
#3	1513.967	2260.023	31970.90	5227.101	2129.794

Sample Name: K4619-03LX5 Acquired: 08/30/2019 23:43:12 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0091407	-.000257	.0228064	.0092521	.0006222	40.31933	.1398420
Stddev	.0025073	.000927	.0008503	.0030670	.0025313	.39443	.0012068
%RSD	27.42983	360.1020	3.728333	33.14942	406.8504	.9782593	.8629534

#1	.0119988	-.000070	.0227372	.0059388	-.000849	39.86437	.1386214
#2	.0081117	.000562	.0219929	.0098255	-.000830	40.52867	.1398702
#3	.0073117	-.001264	.0236893	.0119919	.003545	40.56496	.1410344

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015784	-.000537	-.124196	.0292428	.0095248	.0224971	35.93782
Stddev	.0000702	.000093	.004753	.0003311	.0003150	.0021676	.24269
%RSD	4.448081	17.29205	3.827108	1.132280	3.307178	9.634906	.6753127

#1	.0015172	-.000486	-.124475	.0289610	.0094082	.0246929	35.65864
#2	.0015628	-.000644	-.119310	.0296075	.0092847	.0224394	36.05630
#3	.0016551	-.000480	-.128804	.0291599	.0098814	.0203589	36.09850

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1021892	1.297040	.0187432	.0001071	.3498052	.0571595	.0491826
Stddev	.0015036	.029483	.0006038	.0002138	.2796368	.0006686	.0008357
%RSD	1.471374	2.273124	3.221663	199.5622	79.94074	1.169776	1.699221

#1	.1004806	1.323844	.0190958	.0000320	.2468231	.0567431	.0500709
#2	.1027766	1.265460	.0180460	-.000059	.1362627	.0579307	.0490651
#3	.1033105	1.301814	.0190879	.000348	.6663298	.0568046	.0484119

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.069857	.6753962	-.012520	.0000798	.1528181	.5359967	-.000965
Stddev	.026302	.0016414	.000863	.0000510	.0039052	.0106158	.000549
%RSD	2.458476	.2430251	6.889342	63.92520	2.555464	1.980570	56.86383

#1	1.039861	.6760601	-.013515	.0001386	.1487904	.5392019	-.001489
#2	1.080732	.6735269	-.012057	.0000535	.1530759	.5241476	-.000395
#3	1.088978	.6766017	-.011988	.0000473	.1565881	.5446405	-.001011

Sample Name: K4619-03LX5 Acquired: 08/30/2019 23:43:12 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.2864657	-.000244	.0081495
Stddev	.0028312	.000959	.0001053
%RSD	.9883306	393.2983	1.292052

#1	.2836526	-.001331	.0080317
#2	.2864299	.000484	.0082346
#3	.2893147	.000115	.0081821

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1375.313	2020.135	28931.73	4676.886	2068.725
Stddev	5.771	2.155	54.21	17.866	1.933
%RSD	.4196260	.1066583	.1873639	.3819997	.0934521

#1	1375.126	2017.763	28871.94	4659.528	2067.134
#2	1369.638	2021.970	28977.66	4675.911	2068.163
#3	1381.176	2020.673	28945.61	4695.219	2070.876

Sample Name: K4619-03MS Acquired: 08/30/2019 23:47:06 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP1-COMPMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6671475	1.873605	1.078604	1.560688	.1598188	233.5752	.8277842
Stddev	.0071539	.012174	.002744	.008061	.0014985	2.3316	.0091779
%RSD	1.072306	.6497721	.2543632	.5164850	.9376206	.9982105	1.108729

#1	.6590295	1.860509	1.076610	1.556800	.1581433	230.9042	.8171891
#2	.6725298	1.884578	1.077469	1.555308	.1602825	234.6176	.8332875
#3	.6698832	1.875728	1.081733	1.569956	.1610307	235.2036	.8328758

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1837310	.1846698	.0474203	.4932865	.2454181	.3544120	173.8149
Stddev	.0024729	.0007218	.0459233	.0028171	.0013115	.0016535	1.9091
%RSD	1.345916	.3908512	96.84324	.5710823	.5343876	.4665476	1.098376

#1	.1832901	.1844166	.0891505	.4914830	.2440632	.3525979	171.6406
#2	.1863947	.1841086	.0548904	.4965327	.2455100	.3558346	174.5870
#3	.1815083	.1854840	-.001780	.4918439	.2466813	.3548035	175.2170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6493195	8.559022	.5888277	.0671685	3.401096	.5412731	.4086641
Stddev	.0067551	.127361	.0025791	.0003477	.287782	.0042808	.0020473
%RSD	1.040328	1.488030	.4380015	.5176659	8.461456	.7908805	.5009866

#1	.6418442	8.421264	.5879517	.0671572	3.106661	.5369775	.4082801
#2	.6511284	8.583316	.5868008	.0668266	3.681729	.5455390	.4108762
#3	.6549860	8.672486	.5917307	.0675218	3.414899	.5413027	.4068359

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.96831	9.125600	.1237486	.2914061	.7204088	2.468794	.6117117
Stddev	.23065	.038106	.0045331	.0017761	.0068155	.032998	.0018920
%RSD	1.778604	.4175722	3.663145	.6095062	.9460624	1.336584	.3092950

#1	12.70374	9.082445	.1202484	.2900027	.7125941	2.454770	.6098398
#2	13.07407	9.139742	.1221282	.2908127	.7235108	2.506487	.6116722
#3	13.12713	9.154613	.1288692	.2934030	.7251216	2.445126	.6136231

Sample Name: K4619-03MS Acquired: 08/30/2019 23:47:06 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP1-COMPMS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.602547	.1116654	.2096968
Stddev	.014964	.0004120	.0016611
%RSD	.9337445	.3689463	.7921527

#1	1.586240	.1115582	.2078011
#2	1.605755	.1121204	.2103914
#3	1.615647	.1113177	.2108978

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1510.827	2240.743	32017.81	5074.988	2110.888
Stddev	10.175	3.932	177.84	23.640	4.297
%RSD	.6734680	.1754665	.5554334	.4658154	.2035488

#1	1511.253	2239.644	32000.91	5070.901	2108.594
#2	1520.783	2245.107	32203.48	5053.658	2115.845
#3	1500.446	2237.478	31849.02	5100.405	2108.225

Sample Name: K4619-03MSD Acquired: 08/30/2019 23:50:46 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP1-COMPMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6755112	1.894667	1.090041	1.582402	.1625971	235.2610	.8243418
Stddev	.0063088	.011497	.004656	.009978	.0011654	1.9802	.0071075
%RSD	.9339287	.6067938	.4271051	.6305629	.7167665	.8417039	.8621988

#1	.6788090	1.886307	1.086827	1.584079	.1629332	233.1515	.8162494
#2	.6682370	1.889918	1.087917	1.571692	.1613005	235.5518	.8272044
#3	.6794876	1.907778	1.095380	1.591436	.1635576	237.0797	.8295715

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1847822	.1869143	.1472021	.4897758	.2470776	.3512180	172.7269
Stddev	.0005772	.0004605	.0636648	.0015227	.0002282	.0028646	1.7353
%RSD	.3123751	.2463516	43.24991	.3109053	.0923579	.8156112	1.004641

#1	.1853962	.1863947	.1277767	.4895982	.2469867	.3479229	170.7420
#2	.1846999	.1870767	.0955129	.4913796	.2469089	.3531153	173.4817
#3	.1842506	.1872716	.2183167	.4883497	.2473372	.3526159	173.9569

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6422595	8.449971	.5939101	.0680221	3.069533	.5406971	.4049814
Stddev	.0079507	.118646	.0005023	.0003510	.158859	.0066956	.0032041
%RSD	1.237921	1.404099	.0845752	.5160001	5.175334	1.238336	.7911806

#1	.6337020	8.330752	.5933390	.0679378	2.910782	.5345813	.4028218
#2	.6436589	8.451124	.5942835	.0677210	3.228499	.5396587	.4086628
#3	.6494175	8.568036	.5941078	.0684076	3.069319	.5478512	.4034595

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.85604	9.198782	.1268210	.2957132	.7282444	2.401697	.6183215
Stddev	.08992	.019098	.0035748	.0003497	.0038107	.010561	.0028331
%RSD	.6994043	.2076153	2.818796	.1182564	.5232769	.4397233	.4581959

#1	12.88489	9.196996	.1227023	.2955930	.7283507	2.392707	.6151343
#2	12.75524	9.180640	.1286433	.2954394	.7243817	2.399056	.6192764
#3	12.92799	9.218711	.1291175	.2961071	.7320009	2.413328	.6205538

Sample Name: K4619-03MSD Acquired: 08/30/2019 23:50:46 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP1-COMPMSD Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.612089	.1089431	.2117227
Stddev	.013718	.0018891	.0017059
%RSD	.8509188	1.734059	.8057147

#1	1.596738	.1067757	.2101430
#2	1.616384	.1098134	.2114935
#3	1.623146	.1102403	.2135316

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1519.083	2240.039	31981.85	5116.692	2113.273
Stddev	.786	3.695	122.37	22.289	5.267
%RSD	.0517549	.1649611	.3826283	.4356130	.2492339

#1	1519.650	2242.798	31857.16	5101.372	2119.350
#2	1518.186	2241.477	32101.77	5142.262	2110.012
#3	1519.414	2235.841	31986.62	5106.443	2110.459

Sample Name: K4619-03A Acquired: 08/30/2019 23:54:27 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15428 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6828728	1.887428	1.085094	1.586237	.1649081	234.3090	.8197823
Stddev	.0022158	.010438	.001243	.004937	.0012352	2.6793	.0127007
%RSD	.3244767	.5530092	.1145230	.3112397	.7490283	1.143481	1.549276

#1	.6803147	1.875722	1.083683	1.580584	.1635147	231.2160	.8056045
#2	.6841120	1.890795	1.086024	1.588424	.1658685	235.9132	.8301192
#3	.6841917	1.895766	1.085576	1.589703	.1653411	235.7979	.8236234

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1819274	.1858639	.2007467	.4886572	.2471774	.3514290	172.8973
Stddev	.0019227	.0005332	.0350990	.0014604	.0005276	.0049849	2.1809
%RSD	1.056829	.2868997	17.48423	.2988590	.2134614	1.418466	1.261408

#1	.1800789	.1857526	.1969702	.4881639	.2473732	.3456741	170.4415
#2	.1839165	.1853950	.1676886	.4903004	.2465798	.3542084	174.6081
#3	.1817867	.1864439	.2375812	.4875074	.2475791	.3544047	173.6423

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6419812	8.430600	.5916601	.0677334	3.143337	.5382011	.4063851
Stddev	.0084707	.102450	.0026071	.0006002	.190227	.0049694	.0010501
%RSD	1.319465	1.215220	.4406418	.8861618	6.051767	.9233397	.2584049

#1	.6327061	8.312988	.5905771	.0680358	3.321488	.5325065	.4073137
#2	.6493082	8.500434	.5897690	.0681222	3.165541	.5404369	.4065961
#3	.6439293	8.478379	.5946341	.0670421	2.942982	.5416598	.4052455

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.74741	9.183650	.1290778	.2943893	.7232389	2.471759	.6173401
Stddev	.12450	.024076	.0024545	.0018632	.0032023	.052973	.0020241
%RSD	.9766773	.2621611	1.901539	.6328916	.4427666	2.143126	.3278721

#1	12.60381	9.155956	.1268472	.2939111	.7254530	2.436770	.6151917
#2	12.81326	9.195385	.1286788	.2928119	.7195671	2.532704	.6176173
#3	12.82516	9.199608	.1317073	.2964450	.7246966	2.445802	.6192113

Sample Name: K4619-03A Acquired: 08/30/2019 23:54:27 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15428 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.615471	.1083548	.2111870
Stddev	.017675	.0021322	.0025478
%RSD	1.094086	1.967824	1.206430

#1	1.595077	.1059752	.2083802
#2	1.624996	.1100920	.2118270
#3	1.626340	.1089971	.2133538

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1510.132	2242.748	32038.69	5163.342	2120.262
Stddev	15.037	11.590	220.23	30.168	9.156
%RSD	.9957273	.5167585	.6874017	.5842799	.4318375

#1	1493.114	2243.928	31786.06	5169.697	2120.427
#2	1521.623	2253.702	32139.77	5130.502	2129.334
#3	1515.660	2230.613	32190.24	5189.826	2111.024

Sample Name: CCV16 Acquired: 08/30/2019 23:58:07 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	4.981724	4.889782	5.020583	4.998172	4.889565	10.15157	10.27914
Stddev	.013931	.002429	.007046	.011054	.011672	.06454	.04318
%RSD	.2796380	.0496849	.1403344	.2211650	.2387166	.6357397	.4200642

#1	4.988596	4.888493	5.012627	4.998520	4.892679	10.07938	10.22930
#2	4.990884	4.892585	5.023091	5.009048	4.899364	10.17165	10.30505
#3	4.965692	4.888270	5.026032	4.986948	4.876651	10.20369	10.30308

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2614708	2.521438	25.92651	.9857407	2.510423	1.231430	5.173659
Stddev	.0008281	.006078	.17727	.0050233	.005438	.008618	.041942
%RSD	.3167089	.2410335	.6837519	.5095942	.2166351	.6998558	.8106761

#1	.2616785	2.516570	25.72347	.9881959	2.504731	1.221629	5.126805
#2	.2621752	2.519496	26.05053	.9890640	2.510972	1.234838	5.207699
#3	.2605586	2.528250	26.00552	.9799620	2.515567	1.237823	5.186473

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.594716	25.64056	2.505772	1.277042	24.96984	2.531886	2.514223
Stddev	.030035	.18843	.002924	.012506	.09602	.016583	.002878
%RSD	1.157557	.7348871	.1166983	.9793220	.3845429	.6549742	.1144861

#1	2.560434	25.42458	2.502636	1.288993	25.06340	2.516692	2.516984
#2	2.616406	25.72575	2.506255	1.278090	24.87153	2.549576	2.514444
#3	2.607307	25.77134	2.508425	1.264046	24.97460	2.529390	2.511240

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.11324	5.121015	5.188641	5.006148	5.028350	5.285279	4.992660
Stddev	.33886	.019268	.030711	.005790	.005057	.023223	.007435
%RSD	1.349313	.3762628	.5918940	.1156663	.1005778	.4393817	.1489141

#1	24.72454	5.100272	5.206496	5.007401	5.033537	5.287691	4.984101
#2	25.26871	5.124418	5.206249	5.011209	5.028080	5.307202	4.996363
#3	25.34646	5.138356	5.153179	4.999833	5.023433	5.260945	4.997517

Sample Name: CCV16 Acquired: 08/30/2019 23:58:07 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.064481	5.196498	5.028594
Stddev	.032920	.029544	.086582
%RSD	.6500103	.5685289	1.721789

#1	5.028270	5.163212	4.932707
#2	5.072572	5.219609	5.101047
#3	5.092600	5.206675	5.052027

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1301.483	1934.393	27721.23	4487.361	2074.603
Stddev	1.188	4.478	206.61	23.799	5.041
%RSD	.0912723	.2315138	.7453111	.5303587	.2430048

#1	1300.158	1929.306	27532.99	4480.609	2072.408
#2	1302.453	1937.739	27688.42	4467.668	2080.370
#3	1301.837	1936.136	27942.28	4513.807	2071.031

Sample Name: CCB16 Acquired: 08/31/2019 0:01:48 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0009222	.0002721	.0022632	.0019715	-.000152	.0122199	.0014771
Stddev	.0001559	.0034790	.0015795	.0007415	.000763	.0014781	.0002162
%RSD	16.90608	1278.536	69.79178	37.60956	502.3468	12.09566	14.63850

#1	.0007757	-.003702	.0036284	.0014052	-.000903	.0105833	.0017106
#2	.0009047	.001748	.0005332	.0028108	.000623	.0134576	.0012838
#3	.0010861	.002770	.0026279	.0016986	-.000175	.0126188	.0014367

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000121	.0000595	-.008628	.0002266	-.000028	.0005516	.0168554
Stddev	.000037	.0001073	.005746	.0004462	.000144	.0013266	.0018412
%RSD	30.86143	180.2128	66.60111	196.9278	506.8762	240.4975	10.92365

#1	-.000164	.0001313	-.002014	.0006592	.000137	.0017687	.0187050
#2	-.000106	-.000064	-.012391	.0002527	-.000099	.0007484	.0150227
#3	-.000093	.000111	-.011479	-.000232	-.000123	-.000862	.0168385

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002404	-.009620	-.000263	.0000154	-.322432	-.002688	.0003068
Stddev	.0000889	.004209	.000999	.0001612	.249022	.000986	.0002318
%RSD	36.98317	43.75757	380.3842	1044.294	77.23226	36.70463	75.56699

#1	.0001579	-.006167	-.000827	-.000132	-.234434	-.002921	.0003115
#2	.0003346	-.014309	-.000851	-.000009	-.603505	-.001605	.0000726
#3	.0002288	-.008384	.000890	.000187	-.129357	-.003536	.0005362

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1328173	.0005283	.0064518	.0008100	-.005176	.0092198	.0002398
Stddev	.0461475	.0025197	.0012211	.0001754	.000483	.0006546	.0006906
%RSD	34.74509	476.9226	18.92623	21.65702	9.339713	7.100184	287.9499

#1	.0953784	.0034353	.0078561	.0009939	-.005350	.0097976	.0010299
#2	.1186986	-.001030	.0058595	.0006444	-.004630	.0085088	-.000249
#3	.1843748	-.000820	.0056399	.0007918	-.005548	.0093528	-.000061

Sample Name: CCB16 Acquired: 08/31/2019 0:01:48 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012408	-.002639	.0002988
Stddev	.0002583	.000736	.0001085
%RSD	20.81995	27.89907	36.32153

#1	.0010679	-.002408	.0004240
#2	.0015378	-.002046	.0002328
#3	.0011168	-.003463	.0002395

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1333.678	1953.760	27990.83	4491.406	2021.315
Stddev	11.991	3.637	99.42	16.444	6.929
%RSD	.8990846	.1861315	.3551837	.3661161	.3428152

#1	1334.546	1951.833	27984.42	4485.628	2025.505
#2	1321.277	1951.493	28093.30	4509.959	2025.122
#3	1345.212	1957.955	27894.77	4478.632	2013.316

Sample Name: K4619-06 Acquired: 08/31/2019 0:05:43 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP2-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0526571	-.011717	.1937457	.0543175	.0051505	191.7379	.5260201
Stddev	.0021552	.002194	.0043677	.0025279	.0006182	2.0796	.0070006
%RSD	4.092828	18.72709	2.254353	4.653912	12.00348	1.084583	1.330872

#1	.0516181	-.010174	.1974567	.0518303	.0057515	189.6226	.5184759
#2	.0551349	-.014229	.1889325	.0568842	.0045164	191.8114	.5272777
#3	.0512182	-.010748	.1948481	.0542380	.0051837	193.7798	.5323067

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096528	-.002508	1.639323	.2054697	.0493415	.1352592	230.8926
Stddev	.0001091	.000142	.117883	.0005585	.0004437	.0010222	3.0398
%RSD	1.130349	5.664125	7.190928	.2718193	.8993027	.7556953	1.316549

#1	.0095934	-.002408	1.548546	.2049473	.0498494	.1355887	227.6892
#2	.0097787	-.002446	1.596872	.2054034	.0491467	.1341130	231.2517
#3	.0095863	-.002671	1.772552	.2060584	.0490286	.1360760	233.7369

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6214520	8.513221	.1045937	.0033038	1.115633	.3880353	.3306587
Stddev	.0101987	.139078	.0003201	.0001875	.146326	.0044010	.0009071
%RSD	1.641107	1.633670	.3060555	5.675179	13.11600	1.134167	.2743315

#1	.6108473	8.362007	.1049272	.0030903	.968191	.3830101	.3311850
#2	.6223194	8.541996	.1045649	.0034415	1.260818	.3912031	.3296113
#3	.6311893	8.635661	.1042889	.0033797	1.117891	.3898926	.3311799

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.113647	5.388445	-.084641	.0017642	1.233995	2.892329	.0061104
Stddev	.061156	.001524	.000820	.0003128	.003703	.010718	.0010907
%RSD	1.195946	.0282876	.9692591	17.73171	.3000904	.3705589	17.85051

#1	5.072792	5.389121	-.085493	.0014395	1.232343	2.887259	.0073616
#2	5.183957	5.389513	-.084573	.0017894	1.238237	2.904641	.0056099
#3	5.084192	5.386699	-.083856	.0020636	1.231406	2.885087	.0053598

Sample Name: K4619-06 Acquired: 08/31/2019 0:05:43 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP2-COMP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.564220	.0170801	.0429193
Stddev	.017661	.0014915	.0003568
%RSD	1.129077	8.732504	.8314141

#1	1.547404	.0160773	.0425473
#2	1.562636	.0163688	.0429518
#3	1.582619	.0187941	.0432587

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1549.426	2291.110	32819.00	5291.168	2115.037
Stddev	7.153	9.359	126.70	32.243	9.440
%RSD	.4616519	.4085027	.3860520	.6093713	.4463138

#1	1545.005	2293.010	32756.41	5315.425	2115.925
#2	1557.678	2299.373	32964.81	5303.499	2124.001
#3	1545.594	2280.947	32735.78	5254.579	2105.184

Sample Name: K4619-09 Acquired: 08/31/2019 0:09:30 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP3-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0374890	-.010840	.2546250	.0418028	.0010552	177.1554	.5189474
Stddev	.0036257	.004444	.0016551	.0005560	.0008459	1.3078	.0042409
%RSD	9.671271	40.99675	.6500260	1.329964	80.16358	.7382190	.8172111

#1	.0374213	-.013682	.2537210	.0422874	.0002542	176.1201	.5153796
#2	.0411480	-.005719	.2536187	.0411958	.0019398	176.7208	.5178265
#3	.0338977	-.013118	.2565353	.0419251	.0009716	178.6251	.5236362

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077488	-.002095	1.549858	.1540673	.0532053	.1227562	174.7914
Stddev	.0001224	.000108	.003579	.0007196	.0003002	.0023714	1.4202
%RSD	1.580115	5.157932	.2309177	.4670751	.5641414	1.931796	.8125117

#1	.0078782	-.002127	1.553506	.1547664	.0534581	.1200259	173.6327
#2	.0076347	-.001974	1.549716	.1533288	.0532843	.1243023	174.3658
#3	.0077335	-.002183	1.546352	.1541069	.0528736	.1239403	176.3758

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6482691	10.02116	.1031727	.0022568	.8714531	.2725808	.3098486
Stddev	.0057153	.11485	.0005749	.0001268	.1985350	.0008941	.0018956
%RSD	.8816259	1.146092	.5572510	5.617135	22.78206	.3280176	.6117725

#1	.6429386	9.90807	.1038331	.0021124	1.100539	.2716533	.3120303
#2	.6475648	10.01771	.1027837	.0023495	.764384	.2726519	.3089099
#3	.6543039	10.13770	.1029014	.0023086	.749436	.2734373	.3086055

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.060837	3.548475	-.066870	.0015282	.8680639	2.657060	.0041735
Stddev	.096812	.008824	.005601	.0001873	.0052432	.061637	.0008902
%RSD	1.597333	.2486725	8.375755	12.25877	.6040063	2.319731	21.32882

#1	5.980296	3.555660	-.072405	.0013119	.8638366	2.699657	.0045912
#2	6.168245	3.538626	-.067000	.0016336	.8664242	2.685140	.0031513
#3	6.033972	3.551139	-.061205	.0016391	.8739310	2.586383	.0047780

Sample Name: K4619-09 Acquired: 08/31/2019 0:09:30 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: TP3-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.604120	.0197233	.0326451
Stddev	.011119	.0002812	.0002700
%RSD	.6931326	1.425880	.8269707

#1	1.593577	.0197319	.0323774
#2	1.603045	.0200001	.0326405
#3	1.615737	.0194379	.0329173

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1596.628	2366.533	33783.60	5395.912	2113.875
Stddev	6.066	6.844	216.43	13.273	1.490
%RSD	.3799376	.2891997	.6406283	.2459829	.0704897

#1	1594.150	2374.417	33849.44	5380.683	2115.552
#2	1603.540	2362.122	33959.47	5402.032	2113.369
#3	1592.192	2363.058	33541.90	5405.022	2112.704

Sample Name: K4619-12 Acquired: 08/31/2019 0:13:17 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP4-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0499252	-.013940	.1498615	.0624313	.0053223	252.4944	.7610005
Stddev	.0019057	.001259	.0017107	.0018897	.0012144	1.7667	.0035737
%RSD	3.817163	9.031837	1.141501	3.026775	22.81642	.6996820	.4696083

#1	.0493802	-.013300	.1500988	.0637748	.0066537	251.4659	.7570580
#2	.0520440	-.013129	.1480446	.0602706	.0050378	251.4829	.7619161
#3	.0483513	-.015390	.1514411	.0632485	.0042755	254.5343	.7640273

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128103	-.003536	-1.82695	.2068774	.0728394	.1532722	272.3209
Stddev	.0001117	.000101	.09457	.0008954	.0003949	.0027688	1.1942
%RSD	.8715746	2.868334	5.176247	.4328381	.5422237	1.806490	.4385086

#1	.0129064	-.003550	-1.72893	.2068510	.0725567	.1557202	271.3682
#2	.0128366	-.003630	-1.91764	.2059955	.0732907	.1538291	271.9339
#3	.0126878	-.003428	-1.83426	.2077858	.0726708	.1502672	273.6606

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5980494	8.982321	.1365365	.0033445	.7180319	.4415274	.2631171
Stddev	.0043137	.067795	.0004010	.0001057	.1511165	.0020365	.0009698
%RSD	.7213024	.7547551	.2936635	3.160505	21.04592	.4612426	.3685972

#1	.5956850	8.964034	.1362717	.0032423	.8452559	.4393899	.2640115
#2	.5954347	8.925546	.1369978	.0033379	.7578449	.4417473	.2620863
#3	.6030283	9.057383	.1363399	.0034534	.5509949	.4434451	.2632536

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.11418	5.386127	-.096820	.0015102	1.140329	2.530954	.0049386
Stddev	.06360	.015574	.009099	.0006952	.004735	.042768	.0018485
%RSD	.6288543	.2891412	9.397883	46.03368	.4152176	1.689813	37.42939

#1	10.15355	5.371466	-.105150	.0012357	1.140312	2.559409	.0049753
#2	10.04080	5.384440	-.098201	.0023007	1.135603	2.551682	.0067685
#3	10.14820	5.402475	-.087109	.0009941	1.145073	2.481771	.0030721

Sample Name: K4619-12 Acquired: 08/31/2019 0:13:17 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP4-COMP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.412599	.0184884	.0282195
Stddev	.015212	.0002285	.0001960
%RSD	.6305401	1.235962	.6946940

#1	2.404882	.0187357	.0280372
#2	2.402791	.0184442	.0281944
#3	2.430123	.0182851	.0284269

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1557.411	2316.353	32982.62	5318.751	2109.389
Stddev	12.249	7.114	272.08	48.738	1.669
%RSD	.7865003	.3071332	.8249312	.9163492	.0791371

#1	1561.355	2313.300	32990.86	5264.732	2108.049
#2	1567.202	2324.485	33250.50	5332.092	2111.260
#3	1543.675	2311.276	32706.51	5359.430	2108.860

Sample Name: K4619-15 Acquired: 08/31/2019 0:17:04 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP5-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206276	-.008297	.1002558	.0389452	.0017420	190.2243	.6364694
Stddev	.0013065	.005738	.0023028	.0015054	.0012387	2.0676	.0096901
%RSD	6.333510	69.16206	2.296961	3.865331	71.10724	1.086943	1.522479

#1	.0207684	-.009272	.1001685	.0372209	.0008821	188.4856	.6270492
#2	.0192564	-.013485	.1026011	.0396171	.0031617	189.6768	.6359506
#3	.0218579	-.002133	.0979978	.0399976	.0011820	192.5106	.6464085

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089055	-.002078	-.895292	.1221447	.0471574	.0988994	161.6500
Stddev	.0001675	.000122	.057191	.0010535	.0002479	.0015702	2.1098
%RSD	1.880991	5.876846	6.388022	.8624681	.5257046	1.587715	1.305188

#1	.0088876	-.002035	-.860379	.1231485	.0473514	.0996159	160.1836
#2	.0087477	-.001983	-.961294	.1222379	.0468781	.0970988	160.6985
#3	.0090813	-.002215	-.864202	.1210477	.0472426	.0999837	164.0681

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3529542	4.952950	.0952590	.0021838	.5897293	.2739363	.1877781
Stddev	.0040143	.047407	.0005707	.0003427	.0238461	.0033250	.0012202
%RSD	1.137348	.9571442	.5991542	15.69364	4.043573	1.213778	.6498043

#1	.3492555	4.899014	.0953863	.0017971	.6147149	.2722924	.1874715
#2	.3523840	4.971821	.0946353	.0023046	.5672151	.2717536	.1891223
#3	.3572232	4.988016	.0957553	.0024498	.5872580	.2777631	.1867404

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.619914	3.036245	-.060057	.0007437	.4800080	2.152416	.0029382
Stddev	.085738	.008069	.002339	.0005829	.0041431	.021610	.0014684
%RSD	2.368504	.2657564	3.893925	78.38043	.8631246	1.003972	49.97672

#1	3.579785	3.027742	-.062742	.0000716	.4784214	2.150951	.0016690
#2	3.561599	3.043796	-.058468	.0011111	.4847099	2.131576	.0025991
#3	3.718357	3.037195	-.058959	.0010485	.4768927	2.174721	.0045465

Sample Name: K4619-15 Acquired: 08/31/2019 0:17:04 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP5-COMP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.685121	.0081769	.0232811
Stddev	.018512	.0004014	.0001243
%RSD	1.098559	4.909403	.5338024

#1	1.669075	.0080908	.0231449
#2	1.680913	.0086144	.0233102
#3	1.705375	.0078255	.0233883

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1544.286	2285.972	32681.60	5256.154	2116.773
Stddev	1.668	2.117	9.36	49.665	2.905
%RSD	.1080417	.0925895	.0286471	.9448956	.1372356

#1	1546.150	2284.871	32671.03	5252.278	2114.146
#2	1542.932	2284.633	32684.92	5307.644	2116.280
#3	1543.776	2288.412	32688.85	5208.541	2119.893

Sample Name: K4619-18 Acquired: 08/31/2019 0:20:54 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP6-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0254631	-.006560	.1054807	.0386130	.0018280	181.0795	.5527830
Stddev	.0008435	.003060	.0027980	.0006488	.0016016	1.5093	.0037279
%RSD	3.312428	46.65018	2.652597	1.680184	87.61404	.8335005	.6743820

#1	.0245024	-.007811	.1022652	.0387287	.0005762	179.5369	.5493584
#2	.0260821	-.003072	.1068161	.0391961	.0012750	181.1485	.5522366
#3	.0258048	-.008797	.1073609	.0379141	.0036327	182.5531	.5567539

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076378	-.001806	1.068026	.1111008	.0572667	.0959373	153.4873
Stddev	.0000983	.000068	.012989	.0000830	.0005272	.0006118	1.2001
%RSD	1.286638	3.780902	1.216151	.0747472	.9206070	.6377429	.7819000

#1	.0077485	-.001875	1.069171	.1111948	.0568038	.0957794	152.3276
#2	.0076039	-.001738	1.080404	.1110374	.0571557	.0966126	153.4101
#3	.0075609	-.001806	1.054502	.1110702	.0578405	.0954199	154.7241

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4323172	6.285041	.0947652	.0022320	.6074130	.2375342	.2059885
Stddev	.0034018	.039269	.0009259	.0001457	.2382762	.0030621	.0009621
%RSD	.7868724	.6248040	.9770389	6.529947	39.22805	1.289120	.4670734

#1	.4288008	6.244241	.0937028	.0021863	.5270788	.2385657	.2068537
#2	.4325593	6.288309	.0953997	.0021145	.4196868	.2340896	.2061594
#3	.4355914	6.322575	.0951933	.0023951	.8754735	.2399474	.2049524

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.435843	3.040478	-.053704	.0005918	.3810691	2.420435	.0015965
Stddev	.054943	.021190	.004009	.0006444	.0083592	.037684	.0005806
%RSD	1.599107	.6969330	7.465337	108.8859	2.193621	1.556929	36.36720

#1	3.414561	3.051178	-.057463	.0005840	.3779917	2.435064	.0021158
#2	3.498244	3.016071	-.054163	.0012400	.3746848	2.448612	.0009696
#3	3.394725	3.054184	-.049485	-.000049	.3905308	2.377630	.0017042

Sample Name: K4619-18 Acquired: 08/31/2019 0:20:54 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP6-COMP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.766127	.0096914	.0329618
Stddev	.017836	.0008035	.0001908
%RSD	1.009910	8.290319	.5786893

#1	1.749734	.0088222	.0327426
#2	1.763526	.0098450	.0330904
#3	1.785121	.0104069	.0330524

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1557.107	2306.974	33016.95	5397.493	2105.348
Stddev	5.628	1.629	143.71	33.207	4.250
%RSD	.3614705	.0706228	.4352735	.6152362	.2018821

#1	1558.280	2306.950	32908.38	5372.028	2101.634
#2	1550.984	2308.615	32962.56	5385.398	2109.983
#3	1562.056	2305.357	33179.93	5435.052	2104.426

Sample Name: K4619-21 Acquired: 08/31/2019 0:24:43 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP7-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0373068	-.013564	.2250609	.0496060	.0044917	174.2685	.5772726
Stddev	.0024677	.002981	.0008002	.0023511	.0010438	1.8569	.0079870
%RSD	6.614513	21.98054	.3555702	4.739586	23.23880	1.065551	1.383575

#1	.0381088	-.013986	.2241374	.0510532	.0046645	172.1320	.5682450
#2	.0345378	-.010394	.2255500	.0468932	.0033723	175.4938	.5834199
#3	.0392736	-.016312	.2254953	.0508717	.0054384	175.1797	.5801530

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095833	-.001846	.5478140	.1739211	.0598646	.1364822	206.7785
Stddev	.0001623	.000054	.0850329	.0004381	.0003974	.0021189	2.7053
%RSD	1.693373	2.911131	15.52222	.2518957	.6637670	1.552519	1.308320

#1	.0094910	-.001826	.4694816	.1734529	.0597476	.1356008	203.6927
#2	.0097707	-.001907	.6382502	.1743211	.0603073	.1388996	208.7421
#3	.0094883	-.001806	.5357100	.1739895	.0595388	.1349463	207.9008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6683952	10.95575	.1221324	.0027642	.7864910	.3404464	.3079653
Stddev	.0102564	.14008	.0007488	.0004649	.1555213	.0069682	.0017030
%RSD	1.534483	1.278592	.6131184	16.81820	19.77407	2.046795	.5529987

#1	.6571216	10.80108	.1219511	.0022294	.9655574	.3326275	.3096939
#2	.6771743	11.07407	.1229552	.0030719	.6851974	.3427113	.3062890
#3	.6708895	10.99212	.1214909	.0029913	.7087184	.3460005	.3079131

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.634488	4.219291	-.079072	.0007902	1.337067	2.699459	.0015057
Stddev	.059140	.012511	.001010	.0004384	.002879	.040235	.0028415
%RSD	.8913986	.2965113	1.277239	55.47529	.2153481	1.490480	188.7123

#1	6.590500	4.205059	-.079308	.0003423	1.333744	2.674269	.0024025
#2	6.611247	4.224265	-.077965	.0012183	1.338633	2.745861	-.001676
#3	6.701718	4.228550	-.079943	.0008099	1.338824	2.678246	.003791

Sample Name: K4619-21 Acquired: 08/31/2019 0:24:43 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP7-COMP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.521966	.0157796	.0370881
Stddev	.027720	.0011569	.0002424
%RSD	1.099142	7.331635	.6535124

#1	2.489959	.0167750	.0368525
#2	2.538220	.0145104	.0370750
#3	2.537719	.0160533	.0373367

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1661.860	2453.130	35109.60	5646.250	2112.978
Stddev	15.731	1.431	198.07	42.026	5.227
%RSD	.9465691	.0583141	.5641409	.7443143	.2473827

#1	1643.996	2454.483	34916.18	5672.662	2118.975
#2	1667.940	2451.633	35100.60	5597.788	2109.383
#3	1673.642	2453.273	35312.01	5668.300	2110.577

Sample Name: K4619-24 Acquired: 08/31/2019 0:28:30 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP8-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0326569	-.014405	.1616459	.0484697	.0036022	198.5035	.7975151
Stddev	.0048791	.002640	.0017557	.0012695	.0014668	1.1622	.0023529
%RSD	14.94049	18.32869	1.086119	2.619065	40.72000	.5854616	.2950326

#1	.0352511	-.011431	.1599023	.0499016	.0031616	197.1698	.7948363
#2	.0356909	-.016475	.1616219	.0480249	.0052387	199.0416	.7992473
#3	.0270288	-.015308	.1634134	.0474824	.0024062	199.2992	.7984618

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107016	-.002180	.9304059	.1488176	.0606438	.1180839	207.6342
Stddev	.0000401	.000050	.0053335	.0000721	.0002104	.0027149	.4386
%RSD	.3751309	2.285409	.5732396	.0484224	.3469413	2.299166	.2112237

#1	.0107246	-.002135	.9261886	.1488202	.0604353	.1165881	207.1289
#2	.0106552	-.002233	.9364012	.1487443	.0606399	.1164458	207.8579
#3	.0107249	-.002173	.9286277	.1488884	.0608561	.1212178	207.9159

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5589304	6.071928	.1114005	.0029001	1.040048	.3553218	.2432079
Stddev	.0020231	.035129	.0003702	.0003205	.331891	.0017744	.0011882
%RSD	.3619576	.5785400	.3322955	11.05093	31.91116	.4993917	.4885612

#1	.5571538	6.051043	.1111428	.0030917	.657225	.3568857	.2441400
#2	.5611324	6.052256	.1112339	.0025301	1.246844	.3533934	.2436137
#3	.5585050	6.112485	.1118247	.0030784	1.216075	.3556864	.2418699

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.709302	4.660292	-.078609	.0006515	.8907744	2.347590	.0026416
Stddev	.045947	.023318	.003358	.0000372	.0041069	.015539	.0011080
%RSD	.9756729	.5003602	4.272392	5.705666	.4610438	.6619036	41.94266

#1	4.677891	4.647855	-.082485	.0006932	.8953303	2.362879	.0020282
#2	4.762037	4.645828	-.076757	.0006219	.8896364	2.348077	.0019760
#3	4.687977	4.687192	-.076583	.0006394	.8873566	2.331813	.0039206

Sample Name: K4619-24 Acquired: 08/31/2019 0:28:30 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: TP8-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.764829	.0097171	.0244899
Stddev	.016731	.0002118	.0002659
%RSD	.6051377	2.179393	1.085715

#1	2.745725	.0098115	.0242125
#2	2.771889	.0098651	.0245146
#3	2.776873	.0094745	.0247425

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1716.916	2539.679	36352.09	5858.618	2108.903
Stddev	10.585	3.140	206.92	58.402	4.236
%RSD	.6165131	.1236362	.5692185	.9968610	.2008789

#1	1709.197	2537.976	36365.33	5793.132	2104.784
#2	1712.567	2537.758	36138.87	5877.414	2113.248
#3	1728.982	2543.302	36552.08	5905.307	2108.677

Sample Name: K4619-27 Acquired: 08/31/2019 0:32:19 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP9-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140642	-.010433	.0907664	.0412621	.0026922	210.0898	.5820787
Stddev	.0013561	.002002	.0024740	.0020215	.0004474	2.1200	.0074632
%RSD	9.642162	19.19347	2.725681	4.899063	16.61859	1.009114	1.282161

#1	.0140205	-.008177	.0902244	.0403203	.0027353	208.0195	.5751513
#2	.0154417	-.012000	.0886084	.0398835	.0031165	209.9937	.5811033
#3	.0127305	-.011122	.0934665	.0435827	.0022248	212.2563	.5899817

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085855	-.002571	-1.12931	.1027023	.0445331	.0914352	157.1758
Stddev	.0001600	.000072	.03337	.0005053	.0001482	.0008379	1.5339
%RSD	1.864053	2.804841	2.954514	.4920169	.3328244	.9163347	.9759106

#1	.0086149	-.002629	-1.09120	.1032858	.0446549	.0915327	155.7583
#2	.0087288	-.002490	-1.15328	.1024093	.0445763	.0905529	156.9648
#3	.0084128	-.002593	-1.14344	.1024119	.0443681	.0922201	158.8043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3163304	4.647563	.0841508	.0016361	.6561731	.2357718	.1942139
Stddev	.0034308	.121652	.0007238	.0002718	.2343475	.0006427	.0004402
%RSD	1.084549	2.617534	.8601851	16.61453	35.71427	.2726167	.2266474

#1	.3127039	4.507298	.0849767	.0019260	.4090661	.2351302	.1947020
#2	.3167630	4.724283	.0836265	.0013869	.8752374	.2357696	.1938471
#3	.3195243	4.711107	.0838492	.0015955	.6842159	.2364157	.1940927

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.172627	2.609873	-.059118	-.000242	.7445757	2.726105	.0027404
Stddev	.043071	.020181	.001310	.000314	.0080556	.028628	.0008067
%RSD	1.032222	.7732647	2.215983	129.3901	1.081902	1.050143	29.43625

#1	4.125091	2.598890	-.059992	.000067	.7352804	2.718049	.0033368
#2	4.183733	2.597566	-.059749	-.000234	.7489222	2.757898	.0030618
#3	4.209057	2.633164	-.057611	-.000560	.7495244	2.702369	.0018226

Sample Name: K4619-27 Acquired: 08/31/2019 0:32:19 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP9-COMP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.449296	.0112511	.0157801
Stddev	.010924	.0006789	.0000625
%RSD	.7537759	6.034057	.3958185

#1	1.437876	.0111889	.0157943
#2	1.450365	.0119590	.0157118
#3	1.459647	.0106055	.0158343

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1442.440	2113.313	30259.99	4880.682	2097.310
Stddev	14.028	3.063	316.13	12.013	1.453
%RSD	.9724856	.1449153	1.044715	.2461276	.0692923

#1	1447.966	2110.395	30458.48	4882.471	2095.814
#2	1452.862	2116.502	30426.04	4891.700	2097.398
#3	1426.490	2113.044	29895.43	4867.875	2098.716

Sample Name: K4619-30 Acquired: 08/31/2019 0:36:08 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP10-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0459496	-.014822	.2025424	.0510493	.0034034	189.0558	.7315904
Stddev	.0040159	.003068	.0011740	.0042834	.0018587	7.5788	.0257755
%RSD	8.739903	20.69924	.5796309	8.390665	54.61203	4.008783	3.523214

#1	.0460577	-.011322	.2032934	.0474350	.0054002	180.3638	.7019602
#2	.0418806	-.017045	.2031444	.0499325	.0030866	192.5206	.7439730
#3	.0499104	-.016099	.2011895	.0557805	.0017235	194.2829	.7488379

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103075	-.001922	7.172199	.1481352	.0776327	.1463653	219.0414
Stddev	.0001642	.000168	.257264	.0012458	.0002761	.0047902	8.5688
%RSD	1.593240	8.724841	3.586959	.8409803	.3556255	3.272744	3.911971

#1	.0101646	-.001750	6.882000	.1494302	.0774470	.1412193	209.2307
#2	.0102710	-.002085	7.262317	.1469452	.0775012	.1471822	222.8341
#3	.0104869	-.001931	7.372280	.1480302	.0779500	.1506945	225.0594

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.378419	11.13848	.1225907	.0022231	.9347554	.3107927	.3345449
Stddev	.050328	.44483	.0019704	.0006815	.2263523	.0111617	.0008450
%RSD	3.651141	3.993645	1.607325	30.65328	24.21514	3.591376	.2525712

#1	1.320673	10.63692	.1229614	.0014370	.9959290	.2980492	.3352260
#2	1.401638	11.29337	.1204613	.0025867	.6841033	.3154956	.3348093
#3	1.412945	11.48517	.1243495	.0026457	1.124234	.3188335	.3335993

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.574363	6.035173	-.074549	.0013641	1.440619	2.884210	.0059185
Stddev	.182161	.028241	.009228	.0001709	.007899	.031247	.0016188
%RSD	3.267844	.4679407	12.37801	12.52983	.5483045	1.083379	27.35068

#1	5.364646	6.051599	-.085201	.0012402	1.436040	2.854598	.0072080
#2	5.665189	6.002564	-.069011	.0012930	1.436076	2.881165	.0041019
#3	5.693254	6.051357	-.069434	.0015591	1.449740	2.916869	.0064457

Sample Name: K4619-30 Acquired: 08/31/2019 0:36:08 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP10-COMP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.940050	.0189144	.0718440
Stddev	.076774	.0010199	.0027663
%RSD	3.957304	5.392205	3.850500

#1	1.852144	.0178958	.0686728
#2	1.974073	.0199356	.0730978
#3	1.993934	.0189119	.0737615

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1684.174	2506.106	35700.57	5902.118	2119.081
Stddev	9.782	2.291	117.83	63.628	5.760
%RSD	.5808365	.0914041	.3300462	1.078055	.2718114

#1	1682.158	2507.670	35568.32	5971.748	2115.605
#2	1675.556	2507.172	35739.02	5887.608	2125.730
#3	1694.807	2503.477	35794.37	5846.999	2115.909

Sample Name: K4619-33 Acquired: 08/31/2019 0:39:57 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP11-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0623582	-.016263	.1987533	.0539386	.0050409	164.6568	.5780195
Stddev	.0030646	.001127	.0009132	.0022143	.0016718	2.6713	.0086875
%RSD	4.914471	6.932231	.4594528	4.105187	33.16408	1.622341	1.502983

#1	.0608779	-.015106	.1983220	.0543918	.0049334	165.0802	.5820379
#2	.0603147	-.017358	.1998023	.0515328	.0034254	161.7991	.5680503
#3	.0658819	-.016326	.1981357	.0558912	.0067638	167.0911	.5839704

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105337	-.002025	1.077108	.2220541	.0952610	.1722074	224.0578
Stddev	.0001452	.000176	.007517	.0014110	.0002126	.0020651	3.4818
%RSD	1.377971	8.710979	.6979197	.6354081	.2231856	1.199195	1.553961

#1	.0106676	-.002224	1.076492	.2225016	.0950381	.1742558	225.1653
#2	.0103794	-.001888	1.084914	.2231869	.0952833	.1701260	220.1570
#3	.0105542	-.001964	1.069917	.2204736	.0954616	.1722405	226.8512

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.229753	11.29126	.1157286	.0027308	.8821514	.3428120	.3148072
Stddev	.019315	.12211	.0004424	.0003106	.2186789	.0053900	.0020499
%RSD	1.570632	1.081427	.3822606	11.37593	24.78927	1.572281	.6511578

#1	1.235242	11.36667	.1157653	.0024820	.6302116	.3399691	.3162178
#2	1.208288	11.15038	.1152691	.0026313	.9934511	.3394387	.3157480
#3	1.245730	11.35674	.1161515	.0030789	1.022791	.3490283	.3124558

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.603905	5.703929	-.076524	.0026958	1.235030	2.810412	.0067241
Stddev	.074611	.024111	.007792	.0001582	.004690	.053811	.0008280
%RSD	1.331414	.4227164	10.18183	5.869439	.3797319	1.914716	12.31393

#1	5.620708	5.679138	-.082884	.0028779	1.229671	2.868062	.0074837
#2	5.522325	5.727298	-.078855	.0025924	1.237031	2.761512	.0058415
#3	5.668681	5.705351	-.067833	.0026171	1.238387	2.801663	.0068472

Sample Name: K4619-33 Acquired: 08/31/2019 0:39:57 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP11-COMP Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.384408	.0276057	.0500907
Stddev	.021730	.0006015	.0006377
%RSD	1.569647	2.178997	1.272995

#1	1.390054	.0276548	.0501196
#2	1.360412	.0269811	.0494391
#3	1.402758	.0281812	.0507134

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1618.257	2412.787	34317.28	5627.024	2106.473
Stddev	1.904	1.881	51.09	79.787	2.534
%RSD	.1176801	.0779447	.1488625	1.417924	.1203145

#1	1617.194	2414.385	34321.10	5543.963	2107.356
#2	1617.122	2413.262	34264.40	5703.075	2108.448
#3	1620.456	2410.715	34366.35	5634.034	2103.616

Sample Name: CCV17 Acquired: 08/31/2019 0:43:45 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	4.996937	4.884087	5.050016	5.009824	4.893753	10.27540	10.35392
Stddev	.018398	.008201	.009797	.005803	.003811	.21769	.22724
%RSD	.3681941	.1679210	.1940063	.1158354	.0778671	2.118541	2.194769

#1	4.976152	4.874974	5.045541	5.016422	4.889459	10.06778	10.13411
#2	5.003523	4.886414	5.043255	5.005513	4.895068	10.50193	10.58793
#3	5.011136	4.890874	5.061252	5.007536	4.896732	10.25649	10.33972

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2644352	2.529034	26.22654	.9864861	2.515495	1.245819	5.249890
Stddev	.0030723	.007929	.51700	.0032208	.007004	.031591	.127672
%RSD	1.161840	.3135255	1.971275	.3264954	.2784404	2.535757	2.431899

#1	.2638251	2.522707	25.74734	.9900514	2.509451	1.217245	5.134371
#2	.2677668	2.526466	26.77446	.9837868	2.513863	1.279743	5.386969
#3	.2617137	2.537929	26.15781	.9856199	2.523171	1.240469	5.228329

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.624619	25.93417	2.511380	1.276470	25.40959	2.578527	2.524228
Stddev	.063230	.64430	.006303	.001781	.76220	.055478	.007445
%RSD	2.409108	2.484361	.2509618	.1395278	2.999651	2.151536	.2949448

#1	2.560618	25.36440	2.505322	1.278377	24.57661	2.524595	2.529234
#2	2.687049	26.63335	2.510915	1.274851	25.58001	2.635432	2.515673
#3	2.626190	25.80475	2.517902	1.276181	26.07216	2.575553	2.527777

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.37980	5.107653	5.243310	5.019141	5.015735	5.302712	5.001403
Stddev	.62101	.025185	.049987	.011193	.005328	.041819	.013663
%RSD	2.446878	.4930807	.9533396	.2230027	.1062208	.7886392	.2731916

#1	24.77890	5.078617	5.238334	5.006781	5.010148	5.275787	4.990359
#2	26.01914	5.123576	5.295598	5.022050	5.020759	5.350890	4.997168
#3	25.34137	5.120766	5.195997	5.028592	5.016299	5.281459	5.016683

Sample Name: CCV17 Acquired: 08/31/2019 0:43:45 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.126228	5.245623	5.036638
Stddev	.113386	.099615	.156007
%RSD	2.211871	1.899015	3.097442

#1	5.022908	5.150489	4.857335
#2	5.247530	5.349184	5.111261
#3	5.108246	5.237197	5.141319

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1293.617	1917.238	27595.77	4415.954	2058.418
Stddev	9.345	5.730	160.67	79.221	7.846
%RSD	.7224261	.2988518	.5822420	1.793983	.3811490

#1	1303.264	1923.819	27755.97	4469.344	2066.800
#2	1284.606	1914.536	27434.63	4324.930	2057.207
#3	1292.980	1913.359	27596.72	4453.587	2051.249

Sample Name: CCB17 Acquired: 08/31/2019 0:47:26 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0010472	.0019082	.0008397	.0013834	.0009467	.0028492	.0022435
Stddev	.0040366	.0018209	.0012173	.0013661	.0012400	.0093934	.0006511
%RSD	385.4543	95.42218	144.9722	98.75036	130.9842	329.6854	29.02286

#1	.0042384	.0039942	.0011683	.0018363	-.000481	.0136194	.0029916
#2	-.003491	.0006370	-.000508	.0024656	.001571	-.001423	.0018045
#3	.002394	.0010935	.001859	-.000152	.001751	-.003649	.0019344

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000041	.0000343	-.003570	.0003966	.0001398	.0012368	.0139435
Stddev	.000016	.0001338	.009702	.0002193	.0004427	.0017854	.0064333
%RSD	38.28159	389.5357	271.7331	55.27992	316.6772	144.3639	46.13836

#1	-.000037	.0001491	.006116	.0003448	.0001616	-.000825	.0144679
#2	-.000028	.0000665	-.013288	.0002079	-.000313	.002243	.0072641
#3	-.000059	-.000113	-.003539	.0006372	.000571	.002292	.0200986

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000082	-.006520	-.000351	-.000114	-.322482	-.001400	.0001898
Stddev	.000390	.020936	.000272	.000136	.124030	.002251	.0001572
%RSD	475.8548	321.1192	77.36628	118.5951	38.46092	160.8582	82.82471

#1	.000303	.014278	-.000663	-.000136	-.289374	-.002503	.0000561
#2	-.000072	-.027592	-.000232	.000031	-.459707	-.002886	.0003629
#3	-.000476	-.006245	-.000159	-.000238	-.218367	.001191	.0001503

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1593610	.0007502	.0054252	.0005102	-.007034	.0062951	.0002694
Stddev	.0152596	.0005649	.0013883	.0002679	.002443	.0006401	.0001636
%RSD	9.575482	75.30251	25.58913	52.50351	34.72390	10.16898	60.71607

#1	.1658770	.0004245	.0061302	.0007971	-.004310	.0064279	.0001238
#2	.1419252	.0004236	.0063195	.0002665	-.009028	.0068584	.0004464
#3	.1702809	.0014025	.0038259	.0004671	-.007766	.0055989	.0002380

Sample Name: CCB17 Acquired: 08/31/2019 0:47:26 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000024	-.003653	.0003111
Stddev	.000915	.000452	.0002232
%RSD	3821.512	12.37489	71.76092

#1	.000223	-.004159	.0005569
#2	-.001037	-.003512	.0002553
#3	.000742	-.003289	.0001210

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1325.754	1950.559	27759.04	4470.009	2009.690
Stddev	6.595	4.376	191.67	1.163	6.560
%RSD	.4974188	.2243647	.6904716	.0260188	.3264348

#1	1328.434	1945.651	27716.26	4469.736	2002.209
#2	1330.587	1954.057	27968.48	4469.007	2014.464
#3	1318.241	1951.968	27592.37	4471.284	2012.396

Sample Name: K4619-36 Acquired: 08/31/2019 0:51:23 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP12-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0524895	-.012566	.2076293	.0606234	.0032319	161.5354	.4786082
Stddev	.0042661	.001711	.0016399	.0021680	.0005223	1.2162	.0044893
%RSD	8.127618	13.61689	.7898073	3.576247	16.16128	.7529255	.9379894

#1	.0564348	-.011801	.2085510	.0620296	.0035388	160.1688	.4734245
#2	.0479623	-.014526	.2086010	.0617140	.0026288	161.9385	.4812300
#3	.0530714	-.011370	.2057360	.0581266	.0035280	162.4989	.4811701

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118545	-.002409	5.455743	.1766747	.0700454	.1605236	259.1517
Stddev	.0000346	.000121	.014570	.0009998	.0001083	.0006641	2.1952
%RSD	.2916366	5.035772	.2670583	.5659005	.1546557	.4137361	.8470628

#1	.0118227	-.002466	5.455027	.1774860	.0701308	.1599082	256.6248
#2	.0118494	-.002269	5.441545	.1769805	.0700818	.1604350	260.2417
#3	.0118913	-.002490	5.470658	.1755578	.0699236	.1612276	260.5885

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.128082	11.22425	.1163374	.0041487	.5582364	.3405551	.3321589
Stddev	.010912	.11969	.0006382	.0002273	.2460763	.0023619	.0009038
%RSD	.9672734	1.066308	.5485800	5.478013	44.08102	.6935430	.2721137

#1	1.115509	11.09284	.1164197	.0039251	.5455446	.3385918	.3311310
#2	1.133663	11.25288	.1169305	.0043795	.3187516	.3398973	.3328292
#3	1.135074	11.32701	.1156621	.0041416	.8104130	.3431762	.3325165

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.783581	6.332792	-.090463	.0025983	1.577910	3.223068	.0055531
Stddev	.046660	.014177	.004252	.0002610	.005334	.015356	.0013446
%RSD	.8067647	.2238709	4.700655	10.04630	.3380282	.4764391	24.21287

#1	5.729785	6.326800	-.095300	.0024323	1.578453	3.215663	.0051645
#2	5.807909	6.322594	-.087311	.0024635	1.582952	3.212817	.0070492
#3	5.813050	6.348981	-.088779	.0028992	1.572326	3.240723	.0044457

Sample Name: K4619-36 Acquired: 08/31/2019 0:51:23 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: TP12-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.704432	.0249263	.0744043
Stddev	.012432	.0001502	.0004435
%RSD	.7293928	.6024148	.5960374

#1	1.690603	.0248931	.0739405
#2	1.708010	.0247955	.0744482
#3	1.714682	.0250903	.0748242

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1567.829	2317.555	33272.70	5343.542	2099.988
Stddev	4.839	8.396	168.00	11.226	3.739
%RSD	.3086375	.3622878	.5049066	.2100898	.1780582

#1	1570.957	2311.611	33330.14	5351.899	2098.776
#2	1562.256	2313.896	33083.52	5347.945	2097.004
#3	1570.275	2327.160	33404.44	5330.782	2104.182

Sample Name: K4619-37 Acquired: 08/31/2019 0:55:11 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CONCRETE-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0655809	-.015997	.1375150	.0515400	.0080222	169.3974
Stddev	.0018274	.003940	.0046544	.0024540	.0012871	.8056
%RSD	2.786524	24.63020	3.384638	4.761391	16.04413	.4755691

#1	.0635922	-.020541	.1412804	.0504575	.0081648	168.4795
#2	.0671862	-.013540	.1389533	.0498133	.0092320	169.9872
#3	.0659643	-.013909	.1323112	.0543491	.0066697	169.7255

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.659538	.0138333	-.000929	F 1936.130	.4082225	.0842062
Stddev	.008580	.0001130	.000045	4.020	.0010817	.0002273
%RSD	.5170187	.8168300	4.827844	.2076403	.2649735	.2699664

#1	1.650020	.0139581	-.000890	1938.442	.4094712	.0842461
#2	1.666680	.0138040	-.000978	1938.460	.4075714	.0844109
#3	1.661913	.0137379	-.000919	1931.488	.4076250	.0839616

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2537323	217.6425	8.240758	199.4769	.1910319	.0046625
Stddev	.0010892	1.2767	.050765	.8974	.0004926	.0003931
%RSD	.4292803	.5865897	.6160178	.4498694	.2578483	8.431002

#1	.2525116	216.1701	8.182200	198.4418	.1915417	.0044524
#2	.2546051	218.4416	8.267741	200.0360	.1909955	.0051160
#3	.2540801	218.3158	8.272332	199.9530	.1905586	.0044192

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.296872	.3495672	3.810158	41.43231	6.592020	.1121428
Stddev	.198276	.0041489	.013172	.06081	.014844	.0027245
%RSD	2.132715	1.186855	.3456971	.1467612	.2251849	2.429488

#1	9.243662	.3448117	3.823750	41.38951	6.603968	.1091933
#2	9.130630	.3524466	3.797452	41.50191	6.575402	.1126699
#3	9.516323	.3514433	3.809271	41.40551	6.596688	.1145653

Sample Name: K4619-37 Acquired: 08/31/2019 0:55:11 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CONCRETE-1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167293	78.55901	.8710204	.0013815	5.188556	.0995741
Stddev	.0005117	.16394	.0060550	.0011943	.022490	.0004310
%RSD	3.058786	.2086862	.6951631	86.45461	.4334519	.4328864

#1	.0172242	78.74717	.8779959	.0027330	5.164189	.0991100
#2	.0167613	78.44694	.8671202	.0004682	5.208516	.0996505
#3	.0162023	78.48291	.8679452	.0009431	5.192963	.0999618

Elem	Sr4077
Units	ppm
Avg	10.84598
Stddev	.10723
%RSD	.9886213

#1	10.77412
#2	10.79460
#3	10.96923

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1448.827	2203.362	31808.87	5302.899	1904.212
Stddev	2.659	3.351	124.71	17.863	3.933
%RSD	.1835406	.1521027	.3920493	.3368618	.2065547

#1	1446.153	2207.222	31722.04	5282.292	1900.294
#2	1451.471	2201.666	31951.77	5313.997	1904.182
#3	1448.858	2201.198	31752.79	5312.408	1908.160

Sample Name: K4619-38 Acquired: 08/31/2019 0:59:14 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CONCRETE-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0485218	-.009359	.4306171	.0416198	.0027756	161.0246
Stddev	.0012949	.001031	.0017471	.0032075	.0011426	.5943
%RSD	2.668600	11.01195	.4057141	7.706605	41.16661	.3690979

#1	.0474793	-.008466	.4315482	.0443139	.0036495	160.6052
#2	.0481150	-.009124	.4317013	.0380718	.0014826	160.7638
#3	.0499713	-.010487	.4286017	.0424738	.0031946	161.7047

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.182896	.0112424	.0976745	F 1526.948	.2495764	.0847650
Stddev	.007833	.0000673	.0003193	25.288	.0008508	.0004475
%RSD	.6621888	.5985033	.3269003	1.656102	.3408808	.5279819

#1	1.175726	.0112009	.0975928	1500.109	.2504758	.0844933
#2	1.181706	.0112062	.0974040	1550.330	.2494688	.0845200
#3	1.191256	.0113200	.0980267	1530.404	.2487845	.0852815

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2623890	174.5535	5.184966	104.3421	.1538213	.0032236
Stddev	.0019239	.9044	.033822	.7789	.0013145	.0000951
%RSD	.7332306	.5181500	.6523094	.7464703	.8545863	2.949418

#1	.2611247	173.6562	5.147385	103.6764	.1525314	.0031704
#2	.2614391	174.5394	5.194552	104.1514	.1537734	.0031671
#3	.2646031	175.4650	5.212960	105.1987	.1551592	.0033334

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.89324	.2850812	F 36.41827	28.16761	6.205416	.1409714
Stddev	.32267	.0037566	.28023	.12111	.013367	.0018941
%RSD	2.322524	1.317732	.7694762	.4299580	.2154017	1.343629

#1	14.10858	.2808566	36.22714	28.12250	6.191777	.1431585
#2	13.52225	.2880459	36.73996	28.07553	6.205979	.1398892
#3	14.04891	.2863410	36.28771	28.30480	6.218492	.1398664

Sample Name: K4619-38 Acquired: 08/31/2019 0:59:14 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CONCRETE-2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012308	58.43721	.9057032	-.001106	4.878903	.1043321
Stddev	.0008950	.23213	.0063592	.000760	.008391	.0006560
%RSD	72.71706	.3972382	.7021333	68.75014	.1719857	.6287278

#1	.0020057	58.59733	.9013144	-.001825	4.877100	.1037227
#2	.0014355	58.17099	.9027992	-.001183	4.871561	.1050264
#3	.0002512	58.54333	.9129960	-.000310	4.888049	.1042473

Elem	Sr4077
Units	ppm
Avg	8.563588
Stddev	.246466
%RSD	2.878067

#1	8.342611
#2	8.518762
#3	8.829390

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1377.885	2083.786	30133.63	4963.912	1942.025
Stddev	12.417	7.636	84.92	48.070	10.239
%RSD	.9011654	.3664262	.2818161	.9683966	.5272371

#1	1389.420	2081.674	30173.24	5017.690	1951.257
#2	1364.743	2092.255	30036.14	4948.925	1943.805
#3	1379.493	2077.429	30191.51	4925.121	1931.013

Sample Name: K4089-08 Acquired: 08/31/2019 1:03:15 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-02-082919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038668	-.005373	.0045017	.0063570	.0019761	.6230871	.0998532
Stddev	.0010429	.003474	.0024176	.0023112	.0011323	.0049652	.0014407
%RSD	26.97013	64.65385	53.70523	36.35701	57.30130	.7968710	1.442852

#1	.0031188	-.008543	.0050013	.0082133	.0010054	.6258345	.0990151
#2	.0034235	-.005919	.0018733	.0070893	.0017028	.6260714	.0990276
#3	.0050580	-.001659	.0066306	.0037683	.0032200	.6173554	.1015168

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000115	.0000351	134.7152	.0013770	.0018806	.0024619	.6739184
Stddev	.000052	.0000654	2.1533	.0001966	.0005311	.0014610	.0159975
%RSD	45.61786	186.5320	1.598380	14.27711	28.24073	59.34550	2.373810

#1	-.000170	.0000406	133.4132	.0013002	.0014380	.0039085	.6901570
#2	-.000109	-.000033	133.5317	.0016003	.0017343	.0024902	.6734250
#3	-.000065	.000098	137.2006	.0012303	.0024695	.0009869	.6581733

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3591651	4.009872	.0024754	-.000189	299.8863	-.000969	.0738369
Stddev	.0063665	.090751	.0005383	.000283	4.2791	.001616	.0031282
%RSD	1.772580	2.263187	21.74725	149.7527	1.426905	166.8141	4.236671

#1	.3557573	3.932491	.0030930	-.000470	297.1013	.000873	.0773403
#2	.3552279	3.987368	.0022277	-.000192	297.7441	-.001628	.0728468
#3	.3665101	4.109758	.0021055	.000096	304.8134	-.002152	.0713235

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.281974	.0277637	.0080578	.0005525	.3732698	1.291713	-.003097
Stddev	.062974	.0018689	.0005701	.0000795	.0021470	.025485	.001848
%RSD	4.912240	6.731455	7.074933	14.39447	.5751966	1.972981	59.66156

#1	1.343674	.0288595	.0080916	.0005919	.3719502	1.292668	-.001220
#2	1.217800	.0256058	.0074715	.0006046	.3757472	1.265763	-.004914
#3	1.284448	.0288259	.0086102	.0004609	.3721120	1.316707	-.003158

Sample Name: K4089-08 Acquired: 08/31/2019 1:03:15 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-02-082919 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0227247	-.001647	.5373931
Stddev	.0010167	.000995	.0067659
%RSD	4.473978	60.43519	1.259031

#1	.0237027	-.001931	.5330473
#2	.0227981	-.002470	.5339434
#3	.0216733	-.000541	.5451886

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1270.796	1910.792	27085.17	4459.176	2065.352
Stddev	17.285	1.787	143.33	42.781	1.610
%RSD	1.360171	.0935465	.5291664	.9593934	.0779360

#1	1257.766	1908.888	26952.13	4432.539	2066.882
#2	1264.218	1912.434	27066.45	4508.523	2065.500
#3	1290.405	1911.053	27236.94	4436.465	2063.673

Sample Name: K4089-08DUP Acquired: 08/31/2019 1:07:10 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-02-082919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017166	-.006157	.0047467	.0085979	.0011691	.5997186	.1006725
Stddev	.0043235	.001018	.0019218	.0015813	.0026634	.0108078	.0001830
%RSD	251.8681	16.53928	40.48645	18.39216	227.8129	1.802143	.1817753

#1	-.002388	-.006072	.0039524	.0102836	.0000623	.5946751	.1004815
#2	.006230	-.005185	.0033494	.0083627	.0042075	.6121262	.1006895
#3	.001308	-.007216	.0069383	.0071473	-.000762	.5923545	.1008463

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000263	-.000097	136.2961	.0013817	.0019962	.0024144	.6789219
Stddev	.000026	.000010	.9380	.0003097	.0004002	.0011707	.0069432
%RSD	9.925285	10.71720	.6882094	22.41403	20.04956	48.48725	1.022674

#1	-.000233	-.000094	135.3560	.0013544	.0023889	.0036777	.6789540
#2	-.000277	-.000088	137.2320	.0010866	.0015888	.0021994	.6858490
#3	-.000280	-.000109	136.3003	.0017041	.0020110	.0013661	.6719627

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3670309	4.019153	.0024152	-.000245	300.8542	.0017999	.0555197
Stddev	.0028303	.025815	.0003110	.000199	1.9118	.0020401	.0011927
%RSD	.7711406	.6422948	12.87475	81.41775	.6354480	113.3464	2.148276

#1	.3648286	3.989622	.0026712	-.000015	298.7236	.0036729	.0566112
#2	.3702232	4.030405	.0020692	-.000370	302.4199	-.000374	.0542466
#3	.3660408	4.037431	.0025053	-.000350	301.4191	.002101	.0557013

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.172664	.0298981	.0086417	.0003814	.3771842	1.282560	-.003097
Stddev	.088734	.0016127	.0004520	.0002038	.0032903	.013611	.000742
%RSD	7.566884	5.393903	5.230360	53.42277	.8723215	1.061205	23.95136

#1	1.071369	.0292463	.0082072	.0004976	.3790814	1.287157	-.002905
#2	1.209961	.0287133	.0086084	.0005006	.3733849	1.293276	-.002471
#3	1.236661	.0317346	.0091094	.0001461	.3790862	1.267246	-.003916

Sample Name: K4089-08DUP Acquired: 08/31/2019 1:07:10 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-02-082919 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0218254	-.002869	.5388985
Stddev	.0012861	.000976	.0056562
%RSD	5.892634	34.01129	1.049589

#1	.0203685	-.002939	.5323960
#2	.0228032	-.003807	.5416200
#3	.0223045	-.001860	.5426795

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1267.610	1906.408	27101.99	4410.515	2066.119
Stddev	8.752	4.946	241.33	19.568	3.778
%RSD	.6904606	.2594657	.8904365	.4436622	.1828588

#1	1259.307	1903.541	26830.87	4408.127	2062.688
#2	1276.752	1903.564	27293.31	4392.251	2065.501
#3	1266.772	1912.120	27181.78	4431.167	2070.168

Sample Name: K4089-08LX5 Acquired: 08/31/2019 1:11:04 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA8524 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003374	.0009227	.0028173	.0019767	.0021092	.1293450	.0203343
Stddev	.0011231	.0025955	.0011598	.0018103	.0018314	.0119456	.0008863
%RSD	332.8120	281.2923	41.16560	91.58198	86.82770	9.235463	4.358718

#1	-.000074	.0016617	.0039277	.0010306	.0042185	.1415482	.0211806
#2	.001608	-.001962	.0029104	.0040640	.0011855	.1288121	.0204095
#3	-.000522	.003069	.0016138	.0008355	.0009236	.1176748	.0194127

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000129	.0000095	26.85508	.0005863	-.000549	-.001168	.1513184
Stddev	.000074	.0000872	.28721	.0005847	.000158	.001139	.0156426
%RSD	57.49547	916.2401	1.069488	99.71748	28.68902	97.48979	10.33752

#1	-.000092	.0000609	26.75015	-.000027	-.000437	-.000496	.1463724
#2	-.000215	-.000091	27.18000	.000649	-.000730	-.000525	.1387468
#3	-.000081	.000059	26.63508	.001137	-.000482	-.002483	.1688362

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0719729	.7968842	.0000236	-.000379	58.55928	-.001664	.0182519
Stddev	.0004466	.0068268	.0006247	.000126	.75734	.003653	.0005159
%RSD	.6204850	.8566806	2645.630	33.29351	1.293293	219.5532	2.826459

#1	.0718483	.8014676	-.000565	-.000275	57.78310	-.000563	.0186168
#2	.0724686	.8001467	.000679	-.000519	59.29626	-.005742	.0184772
#3	.0716019	.7890384	-.000042	-.000342	58.59848	.001312	.0176617

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4210858	.0071244	-.001903	.0002528	.0709572	.2640348	-.002947
Stddev	.0133793	.0005051	.000667	.0008294	.0018995	.0064445	.001482
%RSD	3.177342	7.089580	35.05415	328.0632	2.676901	2.440787	50.28258

#1	.4340699	.0066379	-.001714	.0002239	.0718026	.2697515	-.004639
#2	.4073435	.0076462	-.002645	-.000562	.0687818	.2653021	-.001884
#3	.4218439	.0070891	-.001352	.001096	.0722872	.2570507	-.002317

Sample Name: K4089-08LX5 Acquired: 08/31/2019 1:11:04 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA8524 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0041525	-.002886	.1054396
Stddev	.0005483	.000870	.0009242
%RSD	13.20392	30.14300	.8765308

#1	.0047625	-.002310	.1044085
#2	.0039946	-.002461	.1057166
#3	.0037005	-.003886	.1061936

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1313.170	1944.840	27606.96	4400.897	2074.083
Stddev	2.544	3.814	252.40	69.262	7.356
%RSD	.1937676	.1961179	.9142626	1.573805	.3546726

#1	1314.713	1940.563	27668.79	4362.998	2065.746
#2	1310.233	1946.071	27329.39	4358.855	2076.846
#3	1314.564	1947.887	27822.70	4480.837	2079.658

Sample Name: K4089-08MS Acquired: 08/31/2019 1:14:59 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-02-082919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8058103	2.169245	1.075315	1.922584	.8192687	2.807190	.3219743
Stddev	.0025571	.003705	.004202	.004390	.0002066	.076049	.0056654
%RSD	.3173303	.1707843	.3907276	.2283469	.0252196	2.709093	1.759598

#1	.8028633	2.169764	1.076614	1.917604	.8195066	2.789992	.3203069
#2	.8074420	2.172663	1.078714	1.925897	.8191659	2.890365	.3282863
#3	.8071255	2.165309	1.070618	1.924250	.8191337	2.741212	.3173295

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2105231	.1979753	145.5697	.4076524	.2122796	.3112523	4.026542
Stddev	.0029739	.0007001	2.6696	.0002752	.0009093	.0047467	.069337
%RSD	1.412633	.3536557	1.833906	.0675184	.4283485	1.525035	1.721988

#1	.2130914	.1972745	144.3821	.4077004	.2119145	.3084897	3.997814
#2	.2112130	.1986748	148.6271	.4073563	.2133147	.3167333	4.105626
#3	.2072648	.1979766	143.7000	.4079005	.2116097	.3085341	3.976188

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6020051	6.340762	.5269497	.0814088	321.2649	.3250836	.2622114
Stddev	.0097878	.132699	.0015825	.0005714	5.8804	.0054915	.0002893
%RSD	1.625869	2.092789	.3003086	.7018610	1.830378	1.689260	.1103227

#1	.5990837	6.259961	.5251481	.0820147	320.2208	.3229569	.2625448
#2	.6129210	6.493912	.5281149	.0813317	327.5974	.3313204	.2620273
#3	.5940106	6.268413	.5275861	.0808798	315.9766	.3209736	.2620620

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.00584	6.141292	.3126344	.4045452	.3803958	2.377776	.7131260
Stddev	.24667	.026542	.0032366	.0017269	.0047083	.030925	.0019684
%RSD	2.054573	.4321850	1.035260	.4268713	1.237730	1.300569	.2760215

#1	11.84242	6.117583	.3151018	.4037112	.3781057	2.400567	.7134961
#2	12.28958	6.169966	.3138317	.4033936	.3772706	2.390188	.7148831
#3	11.88552	6.136328	.3089698	.4065308	.3858110	2.342574	.7109989

Sample Name: K4089-08MS Acquired: 08/31/2019 1:14:59 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: OK-02-082919 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2243747	.1186702	.7917981
Stddev	.0028847	.0034396	.0106905
%RSD	1.285646	2.898424	1.350153

#1	.2232530	.1162831	.7891187
#2	.2276518	.1226128	.8035733
#3	.2222194	.1171148	.7827021

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1237.210	1858.375	26618.90	4326.173	2027.363
Stddev	12.486	.887	239.81	85.348	6.908
%RSD	1.009186	.0477276	.9008986	1.972824	.3407610

#1	1236.283	1857.898	26648.67	4288.341	2023.871
#2	1225.214	1859.399	26365.59	4266.280	2022.897
#3	1250.134	1857.830	26842.43	4423.897	2035.320

Sample Name: K4089-08MSD Acquired: 08/31/2019 1:18:42 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-02-082919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7993004	2.149072	1.065113	1.915874	.8127326	2.827680	.3254065
Stddev	.0055435	.015316	.007919	.009505	.0044474	.046175	.0055404
%RSD	.6935373	.7126999	.7434645	.4960933	.5472168	1.632964	1.702603

#1	.8004607	2.132298	1.059176	1.907799	.8130491	2.778705	.3209539
#2	.7932686	2.152603	1.062061	1.913476	.8081354	2.833911	.3236545
#3	.8041719	2.162315	1.074104	1.926348	.8170133	2.870422	.3316110

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2136919	.1965928	148.3334	.4022566	.2106070	.3104686	4.046576
Stddev	.0025600	.0010896	2.9845	.0056682	.0010194	.0029134	.078374
%RSD	1.197987	.5542204	2.011999	1.409109	.4840059	.9383941	1.936789

#1	.2131234	.1953655	145.8026	.3963256	.2099301	.3071391	3.973029
#2	.2114639	.1969668	147.5733	.4076193	.2101115	.3117163	4.037681
#3	.2164883	.1974461	151.6245	.4028248	.2117794	.3125502	4.129017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6102915	6.430406	.5224375	.0804568	326.6628	.3360760	.2588325
Stddev	.0119926	.130012	.0025996	.0000861	5.4006	.0070654	.0031201
%RSD	1.965054	2.021836	.4975859	.1069537	1.653251	2.102321	1.205461

#1	.6002859	6.297725	.5195756	.0804668	321.4885	.3279226	.2552378
#2	.6070034	6.435919	.5230843	.0805374	326.2357	.3399063	.2608389
#3	.6235851	6.557574	.5246526	.0803662	332.2643	.3403992	.2604209

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.11082	6.068019	.3169075	.4025894	.3821578	2.418337	.7088831
Stddev	.13440	.039171	.0034706	.0018973	.0080858	.035777	.0040066
%RSD	1.109747	.6455324	1.095145	.4712697	2.115822	1.479407	.5652063

#1	11.96384	6.027806	.3183250	.4014027	.3820190	2.404496	.7052497
#2	12.14115	6.070193	.3129525	.4015879	.3741423	2.391549	.7082194
#3	12.22745	6.106058	.3194449	.4047776	.3903121	2.458967	.7131801

Sample Name: K4089-08MSD Acquired: 08/31/2019 1:18:42 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OK-02-082919 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2266652	.1209866	.8020041
Stddev	.0032044	.0034930	.0089828
%RSD	1.413728	2.887128	1.120042

#1	.2234669	.1186861	.7928001
#2	.2266530	.1192677	.8024642
#3	.2298758	.1250060	.8107479

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1261.613	1872.443	27249.99	4294.436	2053.757
Stddev	8.153	2.029	186.70	53.648	6.243
%RSD	.6462040	.1083754	.6851514	1.249241	.3039579

#1	1270.418	1873.350	27438.58	4291.349	2059.984
#2	1260.095	1873.861	27065.23	4349.561	2047.499
#3	1254.326	1870.119	27246.18	4242.398	2053.787

Sample Name: K4089-08A Acquired: 08/31/2019 1:22:26 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB8524 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7940261	2.163117	1.070512	1.930095	.8166729	2.834824	.3236816
Stddev	.0038934	.011512	.007819	.006273	.0031469	.018989	.0052464
%RSD	.4903350	.5321843	.7303985	.3250260	.3853268	.6698413	1.620848

#1	.7901630	2.153572	1.062411	1.925121	.8140067	2.812916	.3176530
#2	.7979491	2.175901	1.071111	1.928021	.8201441	2.845002	.3272120
#3	.7939661	2.159877	1.078015	1.937143	.8158679	2.846555	.3261798

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2105526	.1968192	147.2348	.4043938	.2113820	.3112444	4.062686
Stddev	.0011642	.0008255	2.0854	.0004744	.0008850	.0060188	.056955
%RSD	.5529520	.4194400	1.416389	.1173003	.4186535	1.933798	1.401912

#1	.2105604	.1959256	144.8273	.4041400	.2113707	.3050173	4.000689
#2	.2117129	.1969785	148.4787	.4049410	.2122726	.3170308	4.074678
#3	.2093844	.1975534	148.3985	.4041003	.2105027	.3116851	4.112690

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6100264	6.399901	.5249821	.0811826	323.8755	.3291696	.2587960
Stddev	.0077467	.105591	.0010149	.0008451	4.3861	.0049756	.0012406
%RSD	1.269903	1.649879	.1933123	1.040935	1.354252	1.511574	.4793608

#1	.6010843	6.309395	.5239495	.0817986	318.8244	.3242642	.2602146
#2	.6146994	6.374402	.5250184	.0802192	326.0802	.3342127	.2582593
#3	.6142955	6.515906	.5259783	.0815300	326.7218	.3290318	.2579143

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.20335	6.105625	.3133526	.4035009	.3850994	2.374935	.7082504
Stddev	.15154	.019893	.0024353	.0027331	.0033998	.018224	.0030620
%RSD	1.241779	.3258140	.7771724	.6773448	.8828295	.7673548	.4323335

#1	12.03983	6.104104	.3125386	.4015357	.3836950	2.365878	.7048840
#2	12.33905	6.126235	.3160907	.4023450	.3826268	2.395914	.7108697
#3	12.23118	6.086536	.3114286	.4066221	.3889764	2.363014	.7089975

Sample Name: K4089-08A Acquired: 08/31/2019 1:22:26 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB8524 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2276277	.1214516	.8019080
Stddev	.0004192	.0023229	.0061085
%RSD	.1841755	1.912612	.7617404

#1	.2273393	.1189394	.7949359
#2	.2281086	.1235215	.8044690
#3	.2274352	.1218941	.8063190

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1257.099	1887.151	27151.31	4358.108	2068.756
Stddev	6.313	7.242	171.48	13.909	7.061
%RSD	.5022101	.3837672	.6315842	.3191434	.3413209

#1	1253.660	1895.507	27164.89	4362.527	2076.564
#2	1264.385	1882.689	27315.60	4342.527	2062.818
#3	1253.252	1883.257	26973.44	4369.271	2066.886

Sample Name: K4090-20 Acquired: 08/31/2019 1:26:08 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OR-02-082919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041359	-.007510	.0015419	.0090234	.0030878	.0912361	.1601584
Stddev	.0011416	.001690	.0024237	.0023184	.0020312	.0014480	.0018247
%RSD	27.60172	22.50385	157.1934	25.69349	65.78096	1.587122	1.139300

#1	.0038042	-.008155	.0038539	.0115320	.0010864	.0906051	.1584682
#2	.0031969	-.008783	-.000980	.0069597	.0030295	.0928926	.1599141
#3	.0054066	-.005592	.001752	.0085784	.0051475	.0902107	.1620929

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000231	.0000806	191.3175	.0012011	-.000727	.0032607	.0164399
Stddev	.000038	.0000607	2.7956	.0004648	.000114	.0009550	.0044887
%RSD	16.49238	75.31564	1.461238	38.69747	15.72890	29.28794	27.30396

#1	-.000211	.0000898	188.4529	.0008238	-.000602	.0040793	.0178534
#2	-.000208	.0000158	191.4611	.0010591	-.000826	.0022116	.0200517
#3	-.000275	.0001362	194.0385	.0017203	-.000754	.0034911	.0114145

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8952021	5.096556	.0012629	-.000467	329.5608	-.003023	.0260065
Stddev	.0145263	.041411	.0003876	.000398	3.8793	.002641	.0003606
%RSD	1.622688	.8125362	30.69006	85.21290	1.177108	87.36861	1.386601

#1	.8799008	5.049197	.0008201	-.000851	325.2141	-.004149	.0256021
#2	.8969015	5.114512	.0015409	-.000495	330.7968	-.004916	.0262946
#3	.9088040	5.125959	.0014275	-.000056	332.6715	-.000006	.0261227

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8048407	.0089653	.0090710	.0007000	.2341884	.2776066	-.004504
Stddev	.1025736	.0008767	.0007357	.0003227	.0053189	.0024398	.002224
%RSD	12.74459	9.778980	8.110677	46.09719	2.271193	.8788850	49.39303

#1	.7050056	.0080093	.0083677	.0010475	.2319941	.2760575	-.002060
#2	.7995671	.0097316	.0090099	.0004098	.2303178	.2763432	-.005041
#3	.9099493	.0091550	.0098353	.0006428	.2402534	.2804191	-.006410

Sample Name: K4090-20 Acquired: 08/31/2019 1:26:08 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OR-02-082919 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001684	-.000394	.7959825
Stddev	.001119	.001813	.0075691
%RSD	66.45603	459.7380	.9509102

#1	-.002924	-.002464	.7882172
#2	-.000749	.000367	.7963916
#3	-.001380	.000914	.8033387

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1281.342	1930.201	27582.99	4483.322	2105.446
Stddev	6.702	15.923	135.45	12.857	12.445
%RSD	.5230791	.8249398	.4910713	.2867775	.5910820

#1	1274.941	1912.409	27678.52	4484.416	2091.295
#2	1280.776	1935.081	27427.98	4495.598	2110.357
#3	1288.310	1943.113	27642.48	4469.953	2114.686

Sample Name: CCV18 Acquired: 08/31/2019 1:30:02 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB122643BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.978597	4.879846	5.046646	5.024141	4.875408	10.13846	10.25570
Stddev	.009146	.008157	.010553	.006380	.001248	.08752	.09948
%RSD	.1837029	.1671600	.2091124	.1269883	.0255890	.8632123	.9699583

#1	4.968887	4.884305	5.040575	5.018426	4.875545	10.05602	10.20411
#2	4.987048	4.884802	5.040531	5.031025	4.874098	10.12906	10.19262
#3	4.979856	4.870431	5.058831	5.022974	4.876582	10.23030	10.37037

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2631034	2.532719	26.05021	.9897651	2.518281	1.226602	5.185350
Stddev	.0025168	.005207	.32931	.0040446	.004361	.009842	.036884
%RSD	.9565738	.2055940	1.264125	.4086391	.1731877	.8023456	.7113183

#1	.2636862	2.528357	25.82229	.9881546	2.513623	1.215239	5.144481
#2	.2603464	2.531318	25.90057	.9943668	2.518952	1.232420	5.195402
#3	.2652777	2.538484	26.42777	.9867738	2.522268	1.232148	5.216165

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.597793	25.70892	2.511568	1.282175	25.19943	2.549783	2.520558
Stddev	.032040	.32748	.005003	.006073	.14671	.019749	.013955
%RSD	1.233342	1.273796	.1992050	.4736718	.5821930	.7745454	.5536432

#1	2.577469	25.40414	2.505880	1.280890	25.03003	2.529297	2.520133
#2	2.581183	25.66748	2.513535	1.288789	25.28411	2.551349	2.534720
#3	2.634727	26.05515	2.515289	1.276848	25.28416	2.568702	2.506820

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.14813	5.096631	5.230029	5.020405	5.024784	5.220605	5.010950
Stddev	.25284	.003727	.039135	.011440	.009065	.050957	.014719
%RSD	1.005388	.0731231	.7482739	.2278657	.1803973	.9760836	.2937354

#1	24.90829	5.092339	5.223306	5.011751	5.026207	5.221314	4.996179
#2	25.12389	5.099053	5.194691	5.016088	5.033053	5.169296	5.011054
#3	25.41221	5.098500	5.272089	5.033375	5.015092	5.271204	5.025616

Sample Name: CCV18 Acquired: 08/31/2019 1:30:02 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB122643BS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.063326	5.239987	5.003327
Stddev	.035778	.082445	.178994
%RSD	.7066140	1.573383	3.577505

#1	5.024956	5.204162	4.910579
#2	5.069248	5.181515	4.889741
#3	5.095774	5.334284	5.209661

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1324.882	1950.936	28113.80	4540.533	2094.702
Stddev	2.810	5.329	133.19	56.845	5.754
%RSD	.2120820	.2731665	.4737561	1.251949	.2746745

#1	1327.975	1951.699	28266.71	4545.320	2095.311
#2	1324.187	1955.843	28051.62	4594.832	2100.128
#3	1322.486	1945.266	28023.07	4481.445	2088.669

Sample Name: CCB18 Acquired: 08/31/2019 1:33:44 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EB-4-082819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001209	.0012549	.0020822	.0038135	-.000021	.0123281
Stddev	.004397	.0048482	.0004068	.0009558	.001937	.0021340
%RSD	363.6073	386.3507	19.53576	25.06209	9286.079	17.31022

#1	.002810	-.004277	.0025260	.0035705	.001716	.0100043
#2	-.000531	.004764	.0017272	.0048673	.000331	.0127801
#3	-.005906	.003278	.0019933	.0030027	-.002110	.0142000

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020094	-.000060	.0001342	-.014195	-.000026	.0001292
Stddev	.0006266	.000050	.0000419	.004103	.000307	.0003187
%RSD	31.18228	83.47761	31.20028	28.90763	1163.209	246.7263

#1	.0027295	-.000011	.0001274	-.014957	.000299	.0002799
#2	.0015885	-.000057	.0000961	-.009764	-.000067	.0003446
#3	.0017103	-.000111	.0001790	-.017864	-.000310	-.000237

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001313	.0116609	.0002008	-.009100	-.000627	-.000273
Stddev	.001193	.0106108	.0003602	.011070	.000301	.000535
%RSD	90.79801	90.99499	179.3354	121.6435	47.96488	195.9688

#1	-.000893	.0012446	.0000255	-.018262	-.000966	-.000762
#2	-.002659	.0112819	-.000038	.003200	-.000392	-.000355
#3	-.000388	.0224561	.000615	-.012238	-.000524	.000298

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.264094	-.003502	.0008573	.2099399	.0050272	.0055051
Stddev	.381458	.001614	.0002113	.0620194	.0013418	.0012620
%RSD	144.4404	46.09999	24.64257	29.54152	26.69187	22.92386

#1	-.265763	-.005191	.0009029	.1436021	.0065765	.0065889
#2	.118196	-.003340	.0006269	.2197447	.0042690	.0058066
#3	-.644715	-.001974	.0010419	.2664729	.0042361	.0041196

Sample Name: CCB18 Acquired: 08/31/2019 1:33:44 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EB-4-082819 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008375	F -.010145	.0065202	.0009337	.0003575	-.001642
Stddev	.0004654	.001414	.0005377	.0012001	.0005052	.001460
%RSD	55.57328	13.93266	8.246382	128.5280	141.2983	88.88232

#1	.0012981	-.009545	.0070233	.0018440	-.000044	-.001714
#2	.0003674	-.011760	.0065837	.0013835	.000192	-.000148
#3	.0008469	-.009131	.0059536	-.000426	.000925	-.003065

Elem	Sr4077
Units	ppm
Avg	.0002504
Stddev	.0001318
%RSD	52.64438

#1	.0004014
#2	.0001914
#3	.0001583

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1351.577	1982.866	28428.83	4521.991	2051.411
Stddev	5.873	1.160	89.57	25.523	5.586
%RSD	.4345538	.0584792	.3150828	.5644235	.2722921

#1	1345.693	1983.697	28440.40	4546.109	2056.720
#2	1357.439	1981.541	28512.05	4495.263	2045.584
#3	1351.598	1983.360	28334.03	4524.601	2051.928

Sample Name: K4601-21 Acquired: 08/31/2019 1:37:39 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T12-E1-E4-(0 Custom ID2:
Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000193	-.008089	.0022673	.0099506	.0013042	.0888897	.1222698
Stddev	.001581	.001546	.0015217	.0013320	.0010295	.0030714	.0014117
%RSD	817.9923	19.11068	67.11392	13.38571	78.93336	3.455293	1.154537

#1	-.001728	-.009335	.0018350	.0112885	.0013715	.0923669	.1206473
#2	-.000283	-.006359	.0010086	.0086246	.0022985	.0877560	.1229456
#3	.001430	-.008572	.0039584	.0099387	.0002428	.0865464	.1232166

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000290	.0007876	128.8252	.0011449	.0015600	.0087006	.0244007
Stddev	.000038	.0001000	2.0910	.0003460	.0001768	.0010411	.0082065
%RSD	13.03240	12.69955	1.623137	30.21925	11.33595	11.96614	33.63219

#1	-.000310	.0006963	126.4366	.0010370	.0013851	.0092528	.0150279
#2	-.000246	.0007721	129.7142	.0015320	.0017387	.0074997	.0278793
#3	-.000312	.0008945	130.3249	.0008658	.0015562	.0093493	.0302950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3447635	1.096584	.0027160	-.000282	262.7130	-.002728	.2922186
Stddev	.0032860	.057505	.0009137	.000637	3.5751	.001868	.0019501
%RSD	.9531125	5.244038	33.64280	226.0637	1.360822	68.48029	.6673444

#1	.3410003	1.031681	.0036982	-.000168	258.6126	-.004582	.2938757
#2	.3462245	1.116889	.0018911	.000291	264.3494	-.002757	.2927104
#3	.3470655	1.141182	.0025588	-.000969	265.1770	-.000846	.2900696

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6397415	.0075328	.0135338	.0010310	.2137397	.1744881	-.001102
Stddev	.0559405	.0012680	.0008096	.0003323	.0036422	.0014648	.001481
%RSD	8.744231	16.83375	5.982209	32.23103	1.704024	.8394677	134.4085

#1	.6194693	.0075572	.0127175	.0011490	.2095862	.1731800	-.002779
#2	.7029918	.0087885	.0143366	.0006558	.2152449	.1760707	.000025
#3	.5967634	.0062527	.0135474	.0012883	.2163880	.1742137	-.000551

Sample Name: K4601-21 Acquired: 08/31/2019 1:37:39 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T12-E1-E4-(0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000729	-.000837	.2251074
Stddev	.000420	.001339	.0022639
%RSD	57.68493	160.1207	1.005715

#1	-.000270	-.001172	.2225547
#2	-.001095	-.001977	.2258956
#3	-.000821	.000639	.2268718

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1280.032	1911.054	27492.55	4428.719	2079.040
Stddev	3.363	7.387	121.08	35.632	6.044
%RSD	.2627168	.3865614	.4404127	.8045741	.2907231

#1	1276.151	1904.759	27372.83	4467.599	2074.619
#2	1281.873	1919.187	27489.86	4397.619	2085.928
#3	1282.072	1909.215	27614.95	4420.940	2076.575

Sample Name: K4601-30 Acquired: 08/31/2019 1:41:34 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T12-F1-F4-(0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006930	-.009581	.0035886	.0080057	.0012817	.0960040	.0896447
Stddev	.0014529	.004036	.0012529	.0024952	.0004446	.0031879	.0007722
%RSD	209.6522	42.13139	34.91153	31.16710	34.69193	3.320603	.8614497

#1	.0023372	-.011875	.0021482	.0083062	.0009509	.0978785	.0888315
#2	-.000418	-.004920	.0044251	.0103370	.0011071	.0978105	.0897345
#3	.000159	-.011947	.0041926	.0053739	.0017872	.0923232	.0903682

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000178	.0000048	183.4596	.0011917	.0013479	.0023117	.1724954
Stddev	.000057	.0000700	2.0606	.0005658	.0003598	.0026514	.0013626
%RSD	31.69188	1467.019	1.123199	47.48168	26.69447	114.6971	.7899171

#1	-.000176	-.000069	181.9413	.0009126	.0013170	.0053731	.1709354
#2	-.000236	.000070	182.6322	.0018428	.0010045	.0007593	.1734527
#3	-.000123	.000013	185.8053	.0008196	.0017221	.0008026	.1730981

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3978009	2.054946	.0028432	-.000363	310.5005	.0029342	.0685903
Stddev	.0044346	.002708	.0007110	.000165	3.2279	.0028567	.0001220
%RSD	1.114780	.1317662	25.00788	45.35884	1.039573	97.36013	.1778928

#1	.3949554	2.054955	.0022075	-.000181	307.6291	-.000161	.0687009
#2	.3955369	2.052233	.0036110	-.000501	309.8783	.005469	.0684594
#3	.4029106	2.057648	.0027113	-.000407	313.9942	.003495	.0686105

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6110150	.0068625	.0102419	.0009363	.1588091	.1159958	-.003749
Stddev	.1067137	.0012793	.0003425	.0002935	.0063507	.0009517	.001387
%RSD	17.46499	18.64115	3.344078	31.34646	3.998925	.8204619	36.98344

#1	.5436222	.0067249	.0103339	.0006753	.1563654	.1168510	-.003875
#2	.5553722	.0056576	.0098628	.0008794	.1660186	.1149705	-.002304
#3	.7340505	.0082050	.0105291	.0012540	.1540433	.1161659	-.005068

Sample Name: K4601-30 Acquired: 08/31/2019 1:41:34 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T12-F1-F4-(0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003128	.0011309	.3249480
Stddev	.001231	.0010697	.0037610
%RSD	39.33758	94.58123	1.157417

#1	-.002261	.0002466	.3206220
#2	-.002587	.0008263	.3267800
#3	-.004536	.0023199	.3274419

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1279.612	1910.728	27469.44	4404.783	2078.522
Stddev	.295	15.637	78.77	14.523	12.853
%RSD	.0230777	.8184014	.2867625	.3297010	.6183515

#1	1279.953	1907.246	27461.48	4394.404	2078.513
#2	1279.452	1927.812	27394.95	4421.379	2091.379
#3	1279.432	1897.124	27551.89	4398.565	2065.674

Sample Name: K4601-39 Acquired: 08/31/2019 1:45:28 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T12-G1-G4-(0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000087	-.007800	.0004820	.0095008	.0013541	.0749778	.1069157
Stddev	.000221	.003644	.0020959	.0005694	.0013706	.0048947	.0002636
%RSD	253.9580	46.71387	434.8559	5.993153	101.2155	6.528177	.2465165

#1	.000049	-.007784	-.000252	.0089659	.0024701	.0806246	.1066796
#2	-.000342	-.004164	.002846	.0100994	-.000176	.0719447	.1068674
#3	.000032	-.011451	-.001148	.0094372	.001768	.0723643	.1072001

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000311	.0004789	146.0848	.0015259	.0012732	.0027270	.0197830
Stddev	.000075	.0000325	1.5003	.0000595	.0000693	.0011153	.0092044
%RSD	24.19842	6.796034	1.027016	3.899901	5.445872	40.89875	46.52707

#1	-.000298	.0005004	144.5954	.0014733	.0012534	.0022152	.0172240
#2	-.000392	.0004415	146.0632	.0015905	.0012159	.0040063	.0299961
#3	-.000243	.0004949	147.5958	.0015140	.0013503	.0019594	.0121288

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5346028	3.161470	.0038542	-.000041	286.0202	-.003688	.0564728
Stddev	.0030497	.059994	.0007565	.000155	3.0392	.001059	.0010286
%RSD	.5704660	1.897656	19.62891	380.1363	1.062600	28.71206	1.821426

#1	.5315996	3.093694	.0029999	-.000054	282.8909	-.003223	.0574806
#2	.5345117	3.182944	.0044395	.000120	286.2090	-.002941	.0565134
#3	.5376971	3.207772	.0041231	-.000189	288.9606	-.004900	.0554246

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7706247	.0042881	.0061643	.0008184	.1504164	.2138271	-.002263
Stddev	.1552052	.0016493	.0011713	.0004994	.0043272	.0003679	.001471
%RSD	20.14018	38.46300	19.00102	61.02593	2.876836	.1720356	65.02732

#1	.5949605	.0046452	.0074604	.0011436	.1521676	.2140428	-.003938
#2	.8892016	.0024895	.0051817	.0002433	.1535936	.2140362	-.001669
#3	.8277118	.0057296	.0058506	.0010681	.1454880	.2134024	-.001181

Sample Name: K4601-39 Acquired: 08/31/2019 1:45:28 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: T12-G1-G4-(0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001886	-.000264	.2660208
Stddev	.000420	.000744	.0024687
%RSD	22.26414	281.5847	.9280116

#1	-.001404	.000533	.2631961
#2	-.002080	-.000940	.2671007
#3	-.002174	-.000387	.2677655

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1271.433	1921.886	27155.50	4431.841	2099.587
Stddev	12.634	7.750	125.72	24.603	11.138
%RSD	.9936991	.4032351	.4629674	.5551494	.5305040

#1	1259.083	1913.228	27023.22	4414.388	2087.863
#2	1270.882	1924.255	27169.85	4421.153	2100.870
#3	1284.333	1928.174	27273.43	4459.980	2110.028

Sample Name: K4602-28 Acquired: 08/31/2019 1:49:23 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PAR-C1-C4-(0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022534	-.006549	.0039250	.0057402	.0005489	.0764137	.0807477
Stddev	.0034978	.001267	.0011251	.0005163	.0003539	.0040834	.0009696
%RSD	155.2248	19.34083	28.66642	8.994370	64.48210	5.343798	1.200716

#1	.0018287	-.007713	.0026916	.0054029	.0004654	.0810704	.0799131
#2	-.001013	-.006734	.0048953	.0063346	.0002441	.0747262	.0805188
#3	.005944	-.005200	.0041879	.0054832	.0009370	.0734446	.0818112

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000214	.0008602	163.5774	.0005801	.0002747	.0056053	.0182465
Stddev	.000046	.0000848	1.4288	.0005305	.0002858	.0008238	.0105864
%RSD	21.63176	9.857358	.8734669	91.44811	104.0392	14.69740	58.01885

#1	-.000264	.0008098	162.1594	.0001105	.0002394	.0065513	.0266837
#2	-.000173	.0008127	163.5560	.0011555	.0005764	.0050459	.0216885
#3	-.000206	.0009581	165.0168	.0004743	.0000081	.0052186	.0063675

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5939627	1.991108	.0062010	.0000921	279.8159	-.000148	.3868054
Stddev	.0067513	.046487	.0003086	.0003456	1.7593	.003401	.0013696
%RSD	1.136654	2.334750	4.976242	375.1208	.6287243	2297.932	.3540880

#1	.5861865	1.963219	.0063545	-.000294	278.3882	-.003017	.3876499
#2	.5973745	1.965331	.0064028	.000373	279.2782	-.001036	.3852252
#3	.5983273	2.044773	.0058458	.000197	281.7812	.003609	.3875412

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4228857	.0060646	.0049686	.0004409	.1711803	.2882892	-.003141
Stddev	.0898679	.0024318	.0001582	.0008783	.0016615	.0042650	.001940
%RSD	21.25111	40.09805	3.183106	199.2061	.9706163	1.479417	61.78214

#1	.5150568	.0045710	.0049942	-.000489	.1712567	.2851268	-.001421
#2	.4180869	.0088707	.0047993	.000554	.1694819	.2866009	-.002756
#3	.3355133	.0047522	.0051125	.001257	.1728023	.2931399	-.005245

Sample Name: K4602-28 Acquired: 08/31/2019 1:49:23 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PAR-C1-C4-(0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001547	.0001922	.2864733
Stddev	.001183	.0008408	.0016529
%RSD	76.49668	437.5156	.5769644

#1	-.001280	.0000666	.2849588
#2	-.002841	-.000579	.2862247
#3	-.000520	.001089	.2882364

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1302.928	1946.494	27839.72	4493.254	2115.558
Stddev	8.089	11.477	107.87	41.411	10.142
%RSD	.6208341	.5896158	.3874754	.9216301	.4793818

#1	1294.677	1958.206	27815.56	4479.345	2126.136
#2	1310.845	1946.008	27745.98	4539.829	2114.622
#3	1303.261	1935.267	27957.62	4460.588	2105.917

Sample Name: K4602-33 Acquired: 08/31/2019 1:53:16 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PAR-D1-D4-(0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018714	-.011162	.0017184	.0095601	.0030108	.0849421	.1072270
Stddev	.0013246	.002921	.0013573	.0029679	.0015070	.0030754	.0003578
%RSD	70.78293	26.16521	78.98794	31.04470	50.05509	3.620625	.3337069

#1	.0006505	-.014250	.0031883	.0070372	.0045050	.0873737	.1068141
#2	.0016838	-.008445	.0005124	.0088130	.0030360	.0859676	.1074451
#3	.0032798	-.010791	.0014545	.0128302	.0014913	.0814849	.1074220

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000391	.0004798	155.8286	.0009531	.0021054	.0034386	.0081840
Stddev	.000009	.0001423	1.9749	.0003294	.0002353	.0018716	.0062805
%RSD	2.403967	29.65652	1.267339	34.55782	11.17751	54.42720	76.74207

#1	-.000400	.0006404	153.5521	.0009661	.0018443	.0055176	.0149464
#2	-.000391	.0004297	156.8520	.0006174	.0021707	.0018883	.0025340
#3	-.000381	.0003694	157.0817	.0012757	.0023012	.0029100	.0070715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5048426	2.558146	.0039730	.0002705	291.1798	.0011929	.0492005
Stddev	.0049719	.043746	.0004023	.0001158	2.7946	.0061606	.0007142
%RSD	.9848393	1.710067	10.12471	42.80026	.9597412	516.4271	1.451685

#1	.4992901	2.547007	.0044288	.0002635	287.9589	-.004733	.0499480
#2	.5063553	2.606384	.0038229	.0003897	292.6203	.000748	.0485250
#3	.5088826	2.521046	.0036674	.0001584	292.9603	.007564	.0491285

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8049845	.0044572	.0073869	.0009555	.1588870	.2328247	-.002334
Stddev	.0467280	.0007044	.0006701	.0003973	.0048354	.0053738	.001347
%RSD	5.804835	15.80352	9.071943	41.57913	3.043297	2.308103	57.73760

#1	.7820470	.0039135	.0066453	.0007772	.1567553	.2283054	-.003823
#2	.7741576	.0042052	.0079490	.0006786	.1554837	.2387667	-.001976
#3	.8587487	.0052529	.0075665	.0014107	.1644220	.2314018	-.001201

Sample Name: K4602-33 Acquired: 08/31/2019 1:53:16 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PAR-D1-D4-(0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000826	.0014083	.2573882
Stddev	.001071	.0010453	.0021883
%RSD	129.7740	74.22406	.8501831

#1	-.001278	.0005856	.2551416
#2	.000398	.0010548	.2575100
#3	-.001597	.0025844	.2595130

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1249.868	1873.167	26984.36	4331.717	2052.140
Stddev	20.259	6.493	277.90	33.494	6.448
%RSD	1.620869	.3466096	1.029861	.7732172	.3142096

#1	1226.476	1870.308	26682.68	4357.042	2053.073
#2	1261.733	1880.599	27040.50	4293.740	2058.071
#3	1261.394	1868.595	27229.91	4344.369	2045.277

Sample Name: K4603-21 Acquired: 08/31/2019 1:57:11 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PAR-PAR-E1-E Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025221	-.006950	.0044736	.0086538	.0016290	.0923007	.1126775
Stddev	.0010136	.003882	.0005043	.0048742	.0023277	.0133077	.0005887
%RSD	40.18929	55.85419	11.27296	56.32443	142.8917	14.41775	.5225092

#1	.0036850	-.003206	.0049010	.0142749	.0030973	.1076589	.1119981
#2	.0020550	-.010956	.0039174	.0060901	-.001055	.0850569	.1130386
#3	.0018262	-.006688	.0046025	.0055965	.002844	.0841864	.1129957

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000297	.0009948	122.0212	.0011056	.0047714	.0031984	.0228973
Stddev	.000083	.0001028	1.0948	.0003587	.0002990	.0018388	.0152895
%RSD	28.03047	10.33152	.8972020	32.44074	6.266810	57.48919	66.77398

#1	-.000276	.0008820	121.8046	.0015195	.0047573	.0052362	.0405489
#2	-.000389	.0010830	121.0510	.0009100	.0044797	.0026960	.0143599
#3	-.000227	.0010195	123.2081	.0008872	.0050772	.0016631	.0137832

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8205674	5.753882	.0040824	-.000511	318.2590	.0007290	.0647643
Stddev	.0048370	.070386	.0007303	.000279	2.6285	.0022158	.0011534
%RSD	.5894692	1.223274	17.88981	54.70135	.8259018	303.9459	1.780962

#1	.8184099	5.786036	.0033304	-.000669	316.6942	.0007389	.0651790
#2	.8171846	5.673162	.0047889	-.000188	316.7893	-.001492	.0634608
#3	.8261077	5.802449	.0041278	-.000675	321.2937	.002940	.0656530

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.227928	.0069633	.0076834	.0010698	.1804337	.3392717	-.003185
Stddev	.055820	.0030885	.0003772	.0003817	.0022912	.0069316	.001812
%RSD	4.545845	44.35417	4.908969	35.68206	1.269830	2.043084	56.89989

#1	1.289293	.0092450	.0078539	.0012940	.1783176	.3467387	-.001099
#2	1.214318	.0081961	.0079453	.0012864	.1801167	.3330422	-.004367
#3	1.180171	.0034488	.0072511	.0006291	.1828670	.3380342	-.004089

Sample Name: K4603-21 Acquired: 08/31/2019 1:57:11 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PAR-PAR-E1-E Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001670	.0006055	.2326988
Stddev	.001182	.0013673	.0010807
%RSD	70.81370	225.8114	.4644200

#1	-.000312	.0007793	.2319028
#2	-.002228	-.000840	.2322644
#3	-.002469	.001878	.2339291

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1275.563	1897.967	27275.12	4368.066	2069.802
Stddev	7.194	5.169	88.34	63.588	5.765
%RSD	.5639714	.2723383	.3238908	1.455737	.2785099

#1	1280.079	1903.759	27362.72	4295.070	2076.457
#2	1279.344	1893.825	27276.58	4411.429	2066.541
#3	1267.268	1896.317	27186.05	4397.698	2066.406

Sample Name: K4603-30 Acquired: 08/31/2019 2:01:05 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PAR-12-F1-F4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020054	-.008314	.0038968	.0083860	.0010188	.0660476	.1233798
Stddev	.0011867	.003250	.0010203	.0006684	.0012041	.0077649	.0013024
%RSD	59.17581	39.09847	26.18195	7.970450	118.1847	11.75649	1.055602

#1	.0019759	-.007280	.0038735	.0076159	.0007756	.0641436	.1218775
#2	.0008337	-.005706	.0049284	.0088152	-.000045	.0745875	.1240724
#3	.0032066	-.011955	.0028883	.0087270	.002326	.0594119	.1241896

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000233	.0000859	23.37110	.0008297	.0007928	.0043561	.0284443
Stddev	.000035	.0000307	.32697	.0004050	.0001123	.0034253	.0071720
%RSD	14.86490	35.67443	1.399036	48.80467	14.16061	78.63121	25.21407

#1	-.000204	.0000800	22.99355	.0004809	.0006963	.0064479	.0262626
#2	-.000271	.0001191	23.55909	.0012738	.0007661	.0004032	.0226166
#3	-.000223	.0000586	23.56066	.0007346	.0009160	.0062172	.0364538

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2712652	6.296460	.0017671	-.000489	272.1564	-.002667	.0863152
Stddev	.0032737	.092237	.0005259	.000407	3.0363	.002207	.0005473
%RSD	1.206817	1.464897	29.76014	83.11693	1.115662	82.73691	.6340325

#1	.2678508	6.194525	.0020242	-.000077	268.6533	-.000284	.0867020
#2	.2715675	6.374159	.0021151	-.000889	274.0338	-.004640	.0865544
#3	.2743772	6.320697	.0011621	-.000502	273.7820	-.003078	.0856890

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.311093	.0052061	.0138419	.0004576	.1857438	.2600075	-.001432
Stddev	.035994	.0013477	.0001574	.0001826	.0056034	.0023583	.001189
%RSD	2.745350	25.88617	1.137298	39.89812	3.016757	.9070053	83.04639

#1	1.269613	.0066747	.0137122	.0006669	.1920549	.2582346	-.000652
#2	1.329566	.0049176	.0140170	.0003749	.1813529	.2626839	-.000844
#3	1.334099	.0040261	.0137964	.0003310	.1838235	.2591039	-.002801

Sample Name: K4603-30 Acquired: 08/31/2019 2:01:05 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PAR-12-F1-F4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006646	.0005246	.0364332
Stddev	.0001927	.0004544	.0002180
%RSD	28.99970	86.61854	.5983086

#1	.0008824	.0000954	.0362327
#2	.0005160	.0004778	.0364016
#3	.0005955	.0010005	.0366653

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1298.036	1930.343	27591.29	4436.595	2100.392
Stddev	4.487	10.042	82.88	48.996	7.177
%RSD	.3456803	.5202143	.3003770	1.104363	.3416885

#1	1297.071	1920.700	27544.03	4465.876	2096.891
#2	1294.110	1929.589	27542.86	4380.031	2095.638
#3	1302.927	1940.741	27686.99	4463.878	2108.647

Sample Name: K4608-01 Acquired: 08/31/2019 2:05:00 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020139	-.006488	.0027205	.0100233	.0010841	.1914594	.2573853
Stddev	.0006796	.003749	.0017360	.0013533	.0017704	.0255693	.0038787
%RSD	33.74617	57.78322	63.81301	13.50115	163.3003	13.35496	1.506969

#1	.0021680	-.010374	.0032485	.0110780	.0026908	.1664099	.2535705
#2	.0026033	-.006197	.0007818	.0084974	-.000814	.2175187	.2613249
#3	.0012705	-.002893	.0041312	.0104944	.001375	.1904496	.2572606

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000297	-.000009	18.57744	.0009782	.0010991	.0025093	.1166514
Stddev	.000032	.000005	.25177	.0004926	.0004573	.0011752	.0043033
%RSD	10.75665	61.23151	1.355237	50.35664	41.60512	46.83130	3.689035

#1	-.000267	-.000007	18.37222	.0006275	.0009964	.0038038	.1179077
#2	-.000294	-.000014	18.85837	.0015413	.0015991	.0015097	.1118597
#3	-.000330	-.000004	18.50171	.0007657	.0007019	.0022144	.1201866

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2989884	3.426118	.0010625	-.000342	292.0871	-.001537	.2840622
Stddev	.0045682	.037703	.0005714	.000281	3.7161	.001763	.0003752
%RSD	1.527897	1.100444	53.77827	82.25208	1.272275	114.6810	.1320877

#1	.2954218	3.436007	.0015086	-.000608	288.0918	-.003043	.2843883
#2	.3041374	3.457891	.0004185	-.000048	295.4406	.000402	.2836521
#3	.2974060	3.384456	.0012604	-.000369	292.7288	-.001971	.2841462

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.096418	.0692349	.1111836	.0005394	1.080472	1.085603	.0002898
Stddev	.118465	.0009074	.0033183	.0004189	.000744	.019879	.0003045
%RSD	3.825883	1.310618	2.984535	77.66082	.0688395	1.831175	105.0963

#1	2.985109	.0695924	.1108129	.0000843	1.080502	1.083898	.0000458
#2	3.083212	.0699092	.1146717	.0009089	1.079714	1.106280	.0001924
#3	3.220933	.0682032	.1080663	.0006250	1.081200	1.066631	.0006310

Sample Name: K4608-01 Acquired: 08/31/2019 2:05:00 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0024941	-.001749	.0595154
Stddev	.0008965	.000525	.0004347
%RSD	35.94705	30.01659	.7303680

#1	.0016773	-.001523	.0590269
#2	.0034533	-.002350	.0596596
#3	.0023516	-.001376	.0598596

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1296.637	1950.443	27681.85	4452.407	2124.399
Stddev	10.557	6.065	127.31	56.570	12.041
%RSD	.8141563	.3109797	.4599219	1.270544	.5668087

#1	1298.421	1947.271	27657.27	4458.183	2112.084
#2	1306.188	1946.621	27819.66	4393.170	2124.966
#3	1285.302	1957.436	27568.62	4505.867	2136.147

Sample Name: K4613-04 Acquired: 08/31/2019 2:08:52 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-10-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002281	-.006585	.0018974	.0071776	.0023226	.0556437	.2104780
Stddev	.002881	.004754	.0003890	.0011141	.0015899	.0055632	.0013978
%RSD	126.3024	72.19216	20.50228	15.52241	68.45069	9.997903	.6641125

#1	-.000061	-.004730	.0020501	.0083614	.0040006	.0528011	.2092733
#2	-.005537	-.011987	.0014552	.0070218	.0008387	.0520762	.2101501
#3	-.001245	-.003038	.0021868	.0061496	.0021286	.0620539	.2120106

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000361	-.000133	5.378677	.0004086	-.000567	.0000640	.0045623
Stddev	.000054	.000064	.052580	.0005092	.000183	.0008693	.0024788
%RSD	14.94969	48.17279	.9775661	124.6285	32.30288	1357.294	54.33245

#1	-.000299	-.000076	5.319008	-.000152	-.000756	.0002972	.0040618
#2	-.000399	-.000202	5.418226	.000843	-.000556	.0007931	.0072533
#3	-.000385	-.000120	5.398797	.000535	-.000390	-.000898	.0023720

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1344425	.2174485	-.001311	-.000304	244.9512	-.000682	.1324914
Stddev	.0009614	.0102835	.000402	.000167	2.5024	.003214	.0003941
%RSD	.7150713	4.729180	30.63845	55.15495	1.021589	471.5277	.2974188

#1	.1333327	.2114165	-.001248	-.000209	242.3048	.000506	.1329446
#2	.1349756	.2116066	-.001740	-.000497	247.2791	-.004320	.1323007
#3	.1350192	.2293224	-.000944	-.000205	245.2697	.001769	.1322290

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4852886	.0051038	.0629388	.0010314	.5053691	.1655497	.0006880
Stddev	.1046332	.0010514	.0011519	.0001703	.0068662	.0019122	.0011973
%RSD	21.56104	20.60001	1.830110	16.50770	1.358644	1.155057	174.0273

#1	.4123225	.0051515	.0627878	.0010634	.5024965	.1677568	.0018108
#2	.4383746	.0040293	.0618699	.0008475	.5004058	.1643921	-.000572
#3	.6051687	.0061305	.0641587	.0011835	.5132051	.1645002	.000825

Sample Name: K4613-04 Acquired: 08/31/2019 2:08:52 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: TP-10-S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004894	-.001691	.0173635
Stddev	.0002076	.000690	.0001816
%RSD	42.42102	40.81712	1.045716

#1	.0004053	-.002272	.0171768
#2	.0003370	-.000928	.0175395
#3	.0007259	-.001874	.0173744

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1311.716	1942.348	28053.80	4514.856	2114.436
Stddev	9.021	10.913	157.99	35.524	8.333
%RSD	.6877538	.5618609	.5631680	.7868231	.3941085

#1	1310.766	1954.657	27986.17	4552.877	2121.438
#2	1303.207	1938.534	27940.87	4482.512	2116.651
#3	1321.175	1933.854	28234.34	4509.179	2105.219

Sample Name: K4613-08 Acquired: 08/31/2019 2:12:48 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-10-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002811	-.009346	.0007584	.0068031	.0009022	.1262487	.3686263
Stddev	.001004	.001952	.0016994	.0002761	.0002675	.0025395	.0047206
%RSD	35.72829	20.88144	224.0808	4.058930	29.64561	2.011474	1.280607

#1	-.002760	-.010454	-.001203	.0065371	.0007638	.1253527	.3639922
#2	-.001834	-.007093	.001693	.0067839	.0007322	.1242786	.3684579
#3	-.003841	-.010492	.001785	.0070884	.0012105	.1291147	.3734290

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000188	-.000093	1.901411	.0005258	-.000530	-.000045	.0114400
Stddev	.000105	.000046	.025240	.0002680	.000296	.001124	.0054029
%RSD	55.61544	49.74498	1.327457	50.96033	55.72787	2509.673	47.22857

#1	-.000151	-.000106	1.873987	.0007733	-.000829	.000802	.0055860
#2	-.000107	-.000041	1.906577	.0002412	-.000524	-.001320	.0162352
#3	-.000306	-.000131	1.923668	.0005630	-.000238	.000383	.0124988

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092013	.1549523	.0005118	-.000098	301.1007	-.003177	.2145440
Stddev	.0002321	.0262740	.0008580	.000187	3.7078	.001923	.0006320
%RSD	2.522233	16.95617	167.6471	190.3889	1.231412	60.53068	.2945824

#1	.0094642	.1835710	.0008924	-.000063	297.0750	-.004309	.2145784
#2	.0090248	.1319223	.0011136	.000068	301.8513	-.004264	.2151580
#3	.0091149	.1493638	-.000471	-.000300	304.3757	-.000956	.2138954

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6373182	.0035771	.0979642	.0005908	.8370323	.1167328	.0025396
Stddev	.0604947	.0011185	.0006266	.0003847	.0078771	.0012911	.0016054
%RSD	9.492065	31.26745	.6396062	65.11639	.9410759	1.106051	63.21362

#1	.5851574	.0026503	.0972443	.0002639	.8320007	.1181404	.0036873
#2	.6231612	.0048194	.0982618	.0004938	.8329861	.1164546	.0007051
#3	.7036360	.0032615	.0983866	.0010148	.8461102	.1156035	.0032265

Sample Name: K4613-08 Acquired: 08/31/2019 2:12:48 Type: Unk
Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-10-D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006117	-.001746	.0112518
Stddev	.0003030	.000072	.0000446
%RSD	49.53006	4.135156	.3960740

#1	.0009553	-.001716	.0112003
#2	.0003828	-.001829	.0112771
#3	.0004971	-.001694	.0112780

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1292.374	1924.491	27468.88	4413.484	2101.926
Stddev	2.454	6.896	167.06	15.510	7.590
%RSD	.1898697	.3583103	.6081769	.3514186	.3610877

#1	1291.239	1916.594	27278.32	4410.615	2095.946
#2	1290.693	1927.555	27590.13	4430.228	2110.464
#3	1295.190	1929.323	27538.20	4399.609	2099.367

Sample Name: CCV19 Acquired: 08/31/2019 2:16:43 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	4.992173	4.883278	5.073041	5.046812	4.885613	10.21064	10.24324
Stddev	.004865	.022784	.011020	.007179	.008420	.13166	.14501
%RSD	.0974552	.4665787	.2172342	.1422560	.1723433	1.289485	1.415712

#1	4.997778	4.857082	5.060737	5.038796	4.895229	10.08760	10.07599
#2	4.989701	4.898483	5.076384	5.048990	4.882053	10.19483	10.33389
#3	4.989040	4.894270	5.082003	5.052650	4.879558	10.34950	10.31984

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2671322	2.551234	26.20648	.9901336	2.530701	1.229546	5.180044
Stddev	.0023860	.010123	.40958	.0001053	.008521	.010335	.061772
%RSD	.8931787	.3967870	1.562911	.0106302	.3367062	.8405780	1.192499

#1	.2643782	2.539579	25.75147	.9900130	2.521194	1.217969	5.112081
#2	.2685759	2.556290	26.32226	.9902068	2.533262	1.232825	5.195274
#3	.2684424	2.557833	26.54572	.9901811	2.537648	1.237844	5.232776

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.606260	25.88913	2.524553	1.276507	25.17319	2.558925	2.518038
Stddev	.039086	.39750	.007358	.007111	.32807	.041068	.008731
%RSD	1.499705	1.535401	.2914527	.5570370	1.303232	1.604903	.3467232

#1	2.563193	25.46386	2.516409	1.280718	24.82097	2.516713	2.509422
#2	2.616103	25.95221	2.526526	1.268297	25.22854	2.561319	2.526879
#3	2.639483	26.25132	2.530723	1.280506	25.47006	2.598744	2.517813

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.32559	5.095948	5.289911	5.048752	5.044819	5.257499	5.028074
Stddev	.25747	.028375	.040161	.005543	.023411	.064327	.015898
%RSD	1.016645	.5568213	.7591929	.1097864	.4640608	1.223521	.3161772

#1	25.04485	5.065826	5.244651	5.050807	5.017893	5.184737	5.011522
#2	25.38122	5.122174	5.303791	5.052973	5.060364	5.280951	5.029478
#3	25.55070	5.099845	5.321291	5.042475	5.056200	5.306810	5.043224

Sample Name: CCV19 Acquired: 08/31/2019 2:16:43 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.086753	5.257864	5.091942
Stddev	.052907	.094310	.058334
%RSD	1.040096	1.793694	1.145606

#1	5.029417	5.151766	5.032782
#2	5.097157	5.289658	5.093630
#3	5.133686	5.332168	5.149413

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1322.573	1937.413	28182.68	4469.034	2082.797
Stddev	5.248	5.660	157.15	28.862	2.518
%RSD	.3968201	.2921350	.5576062	.6458124	.1208870

#1	1319.198	1931.219	28062.93	4494.684	2085.388
#2	1328.619	1938.706	28360.63	4474.636	2082.643
#3	1319.902	1942.315	28124.49	4437.782	2080.359

Sample Name: CCB19 Acquired: 08/31/2019 2:20:25 Type: Unk
Method: NON EPA-6010-200.7(v160) 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	.0009143	.0004311	-.000068	-.000717	.0008816	.0029330	.0020389
Stddev	.0005937	.0017168	.001496	.002184	.0010029	.0074934	.0001904
%RSD	64.94197	398.2111	2208.333	304.4719	113.7598	255.4864	9.337939

#1	.0009651	-.001536	.001314	-.000500	.0020130	-.003520	.0022209
#2	.0002967	.001203	-.001657	.001350	.0001019	.011152	.0018411
#3	.0014809	.001626	.000140	-.003001	.0005300	.001167	.0020546

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000128	.0000284	-.012350	-.000114	-.000075	.0014321	.0087961
Stddev	.000094	.0000584	.004683	.000315	.000295	.0032355	.0063288
%RSD	74.04745	205.9159	37.91762	276.6146	390.7597	225.9302	71.94914

#1	-.000193	.0000002	-.017262	-.000376	-.000304	.0012376	.0026046
#2	-.000170	-.000011	-.007936	.000235	.000257	.0047604	.0085301
#3	-.000019	.000096	-.011852	-.000200	-.000180	-.001702	.0152537

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001736	-.009557	-.000517	.0001627	.0359128	-.000627	.0003150
Stddev	.0004854	.017417	.000509	.0003972	.3501225	.001389	.0001796
%RSD	279.6251	182.2408	98.43952	244.1396	974.9230	221.4711	57.02633

#1	.0001236	.002137	-.000599	.0003543	.1543633	-.000739	.0003757
#2	-.000285	-.001234	.000028	-.000294	.3114456	.000814	.0004564
#3	.000682	-.029574	-.000981	.000428	-.358070	-.001956	.0001129

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2797227	.0009970	.0062347	.0005982	-.005250	.0040419	.0004478
Stddev	.1204241	.0019779	.0004968	.0005202	.001096	.0010178	.0014190
%RSD	43.05123	198.3873	7.968875	86.95061	20.88435	25.18088	316.8664

#1	.2185321	-.000789	.0065521	.0008456	-.004758	.0049481	.0003494
#2	.4184556	.003122	.0064899	.0009485	-.004485	.0042368	-.000919
#3	.2021804	.000658	.0056622	.0000006	-.006506	.0029408	.001914

Sample Name: CCB19 Acquired: 08/31/2019 2:20:25 Type: Unk
 Method: NON EPA-6010-200.7(v160) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008730	-.001043	.0002136
Stddev	.0004483	.000985	.0001267
%RSD	51.35496	94.51668	59.29979

#1	.0008663	-.001872	.0003559
#2	.0004280	.000047	.0001716
#3	.0013246	-.001303	.0001133

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1351.989	1987.861	28416.18	4490.251	2055.721
Stddev	1.776	4.079	230.65	15.203	1.609
%RSD	.1313358	.2051843	.8116738	.3385844	.0782463

#1	1350.391	1990.149	28273.09	4477.974	2056.116
#2	1351.676	1990.281	28293.20	4485.522	2057.095
#3	1353.900	1983.152	28682.26	4507.257	2053.952