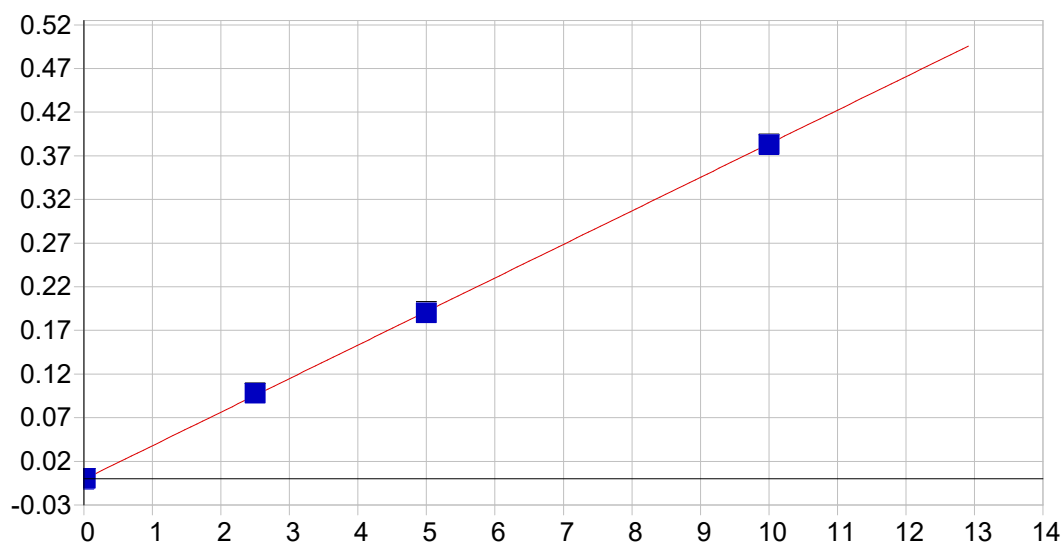


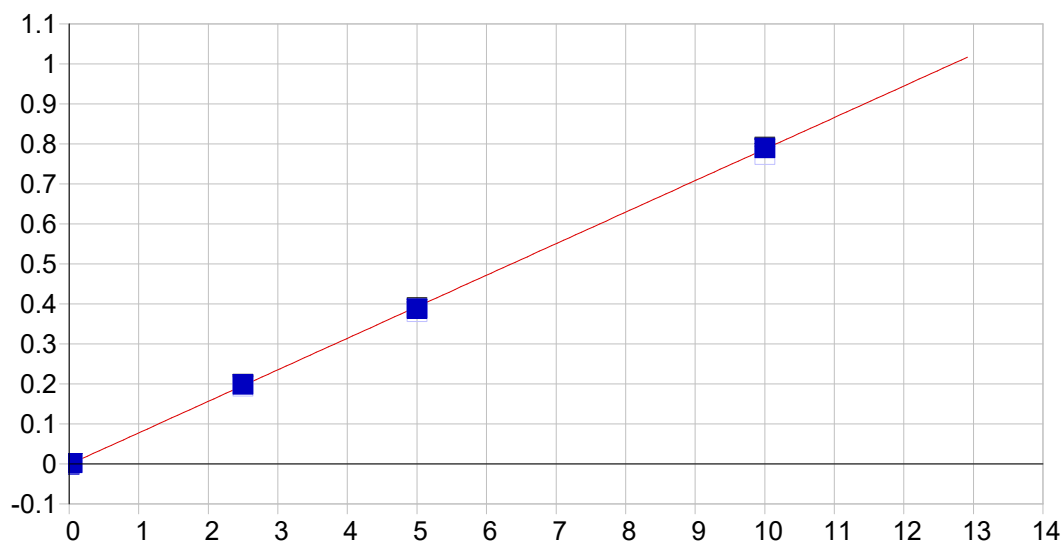


As 189.042 {479}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000561	Re-Slope:	1.000000
A1 (Gain):	0.038435	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999934	Status:	OK.
Std Error of Est:	0.000011		
Predicted MDL:	0.003839		
Predicted MQL:	0.012796		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00056	.000	1
S1	.02000	.02248	.002	12.4	.00031	.000	1
S3	2.5000	2.5637	.064	2.55	.09810	.000	1
S4	5.0000	4.9597	-.040	-.806	.19031	.001	1
S5	10.000	9.9741	-.026	-.259	.38328	.000	1



Date of Fit: 07/15/2019 16:16:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001212

Re-Slope: 1.000000

A1 (Gain): 0.078826

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999964

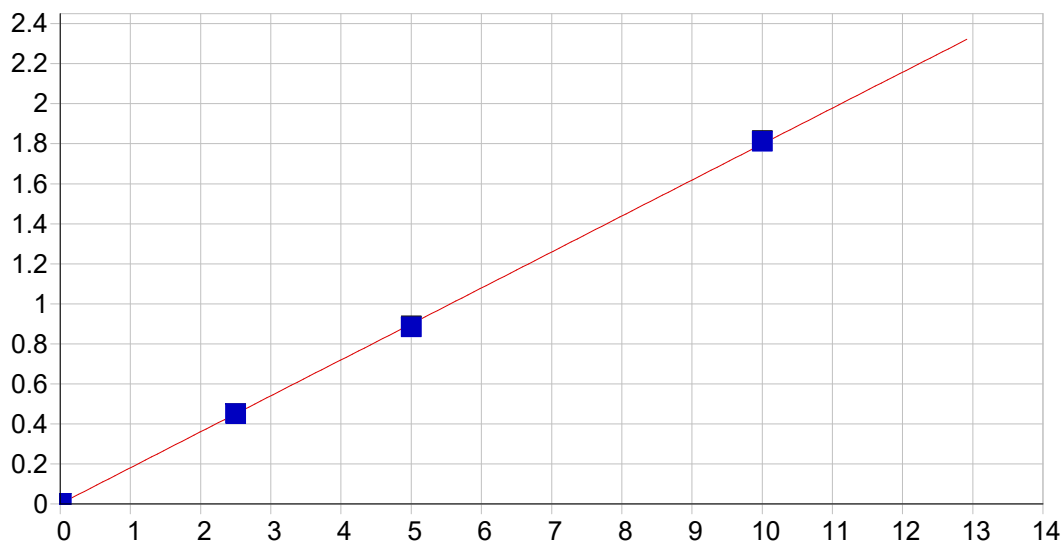
Status: OK.

Std Error of Est: 0.000022

Predicted MDL: 0.002107

Predicted MQL: 0.007022

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00121	.000	1
S1	.04000	.04225	.002	5.62	.00199	.000	1
S3	2.5000	2.5278	.028	1.11	.19393	.001	1
S4	5.0000	4.9418	-.058	-1.16	.38010	.002	1
S5	10.000	10.028	.028	.282	.77281	.003	1

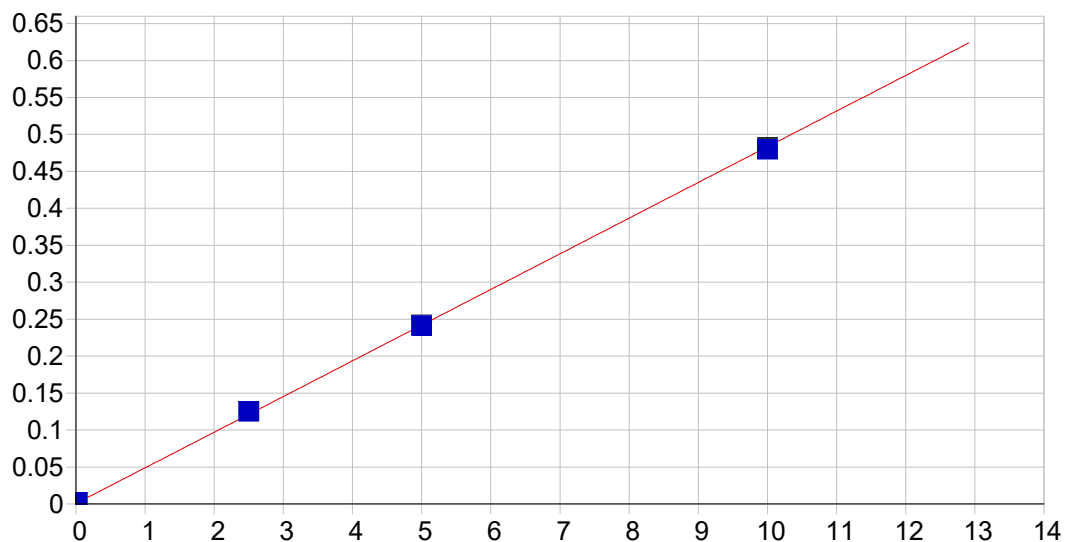


Pb 220.353 {453}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000782 Re-Slope: 1.000000
A1 (Gain): 0.179723 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999943 Status: OK.
Std Error of Est: 0.000036
Predicted MDL: 0.002040
Predicted MQL: 0.006801

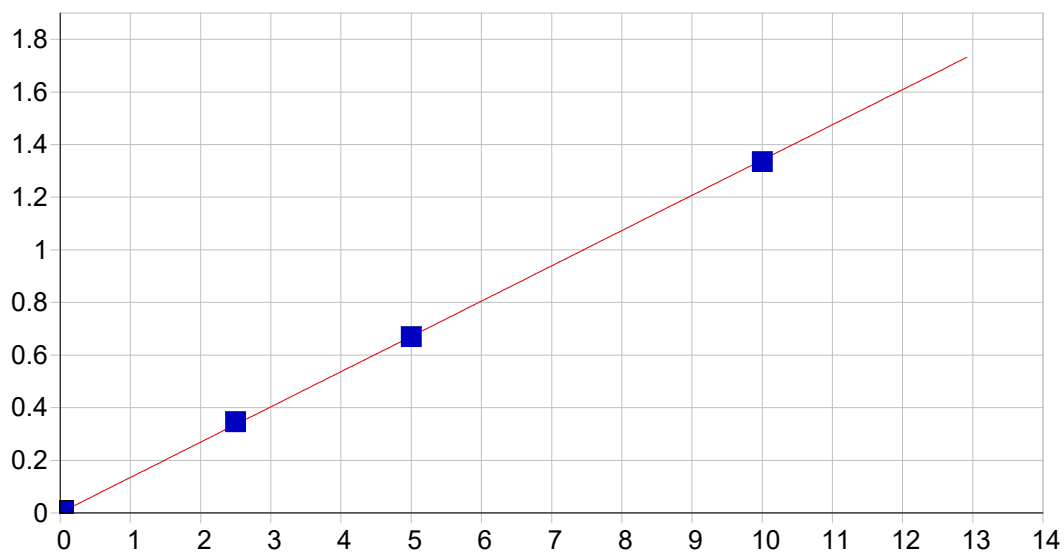
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00078	.000	1
S1	.01200	.01168	-.000	-2.67	.00283	.000	1
S3	2.5000	2.5012	.001	.049	.44969	.001	1
S4	5.0000	4.9183	-.082	-1.63	.88347	.004	1
S5	10.000	10.081	.081	.808	1.8100	.002	1

**Se 196.090 {472}**

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000532 Re-Slope: 1.000000
A1 (Gain): 0.048276 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999899 Status: OK.
Std Error of Est: 0.000017
Predicted MDL: 0.003587
Predicted MQL: 0.011955

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00053	.000	1
S1	.02000	.02259	.003	13.0	.00162	.000	1
S3	2.5000	2.5820	.082	3.28	.12515	.000	1
S4	5.0000	4.9827	-.017	-.346	.24101	.001	1
S5	10.000	9.9327	-.067	-.673	.47992	.002	1

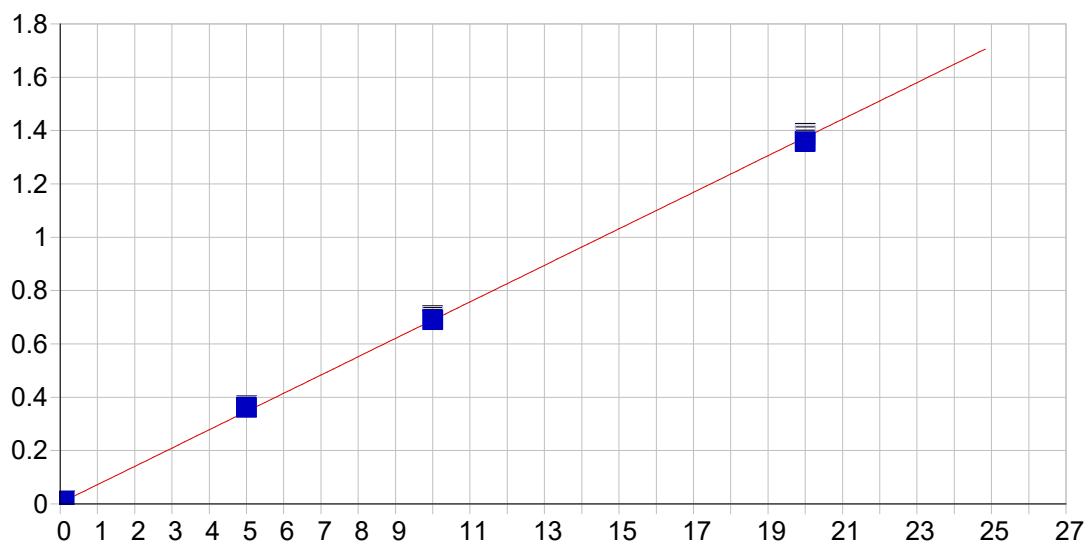


Sb 206.833 {463}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000805 Re-Slope: 1.000000
 A1 (Gain): 0.134043 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.001876
 Predicted MQL: 0.006254

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00080	.000	1
S1	.05000	.05189	.002	3.78	.00774	.000	1
S3	2.5000	2.5709	.071	2.84	.34538	.001	1
S4	5.0000	4.9816	-.018	-.369	.66848	.002	1
S5	10.000	9.9456	-.054	-.544	1.3338	.002	1

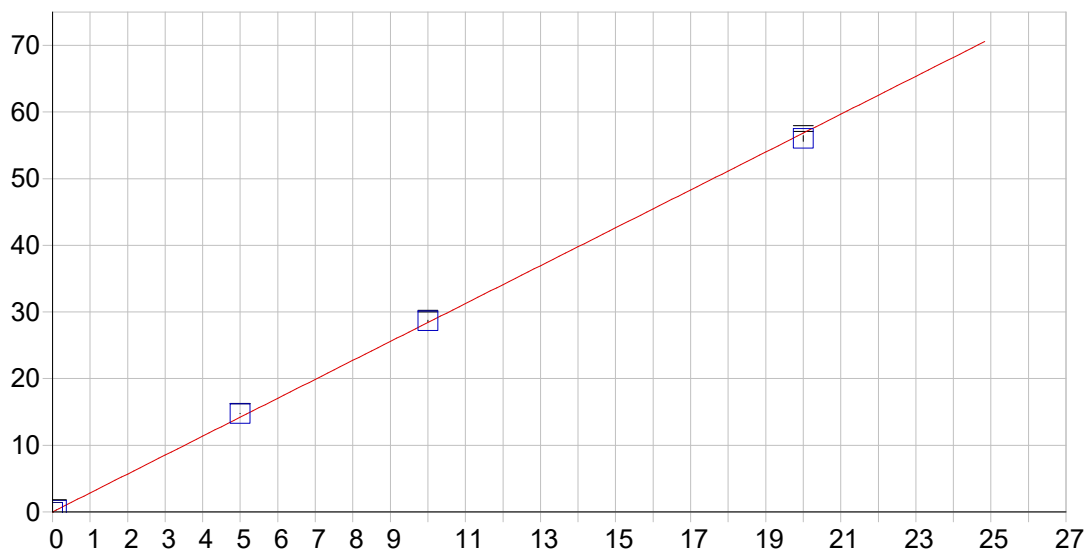


AI 396.152 { 85}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003843 Re-Slope: 1.000000
 A1 (Gain): 0.068519 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999823 Status: OK.
 Std Error of Est: 0.000100
 Predicted MDL: 0.013164
 Predicted MQL: 0.043880

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00384	.001	1
S1	.10000	.10916	.009	9.16	.01183	.001	1
S3	5.0000	5.2146	.215	4.29	.36751	.001	1
S4	10.000	10.014	.014	.142	.70274	.003	1
S5	20.000	19.762	-.238	-1.19	1.3833	.007	1

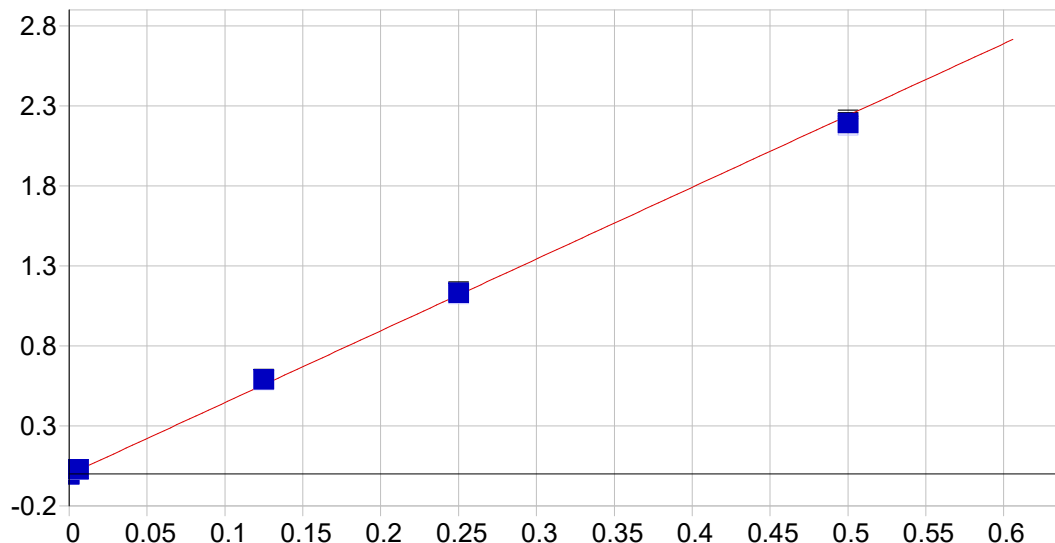


Ba 493.409 { 68}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003998 Re-Slope: 1.000000
 A1 (Gain): 2.841617 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999820 Status: OK.
 Std Error of Est: 0.004121
 Predicted MDL: 0.000631
 Predicted MQL: 0.002104

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00397	.001	1
S1	.10000	.10815	.008	8.15	.31131	.001	1
S3	5.0000	5.1926	.193	3.85	14.759	.018	1
S4	10.000	10.079	.079	.792	28.645	.108	1
S5	20.000	19.720	-.280	-1.40	56.041	.426	1

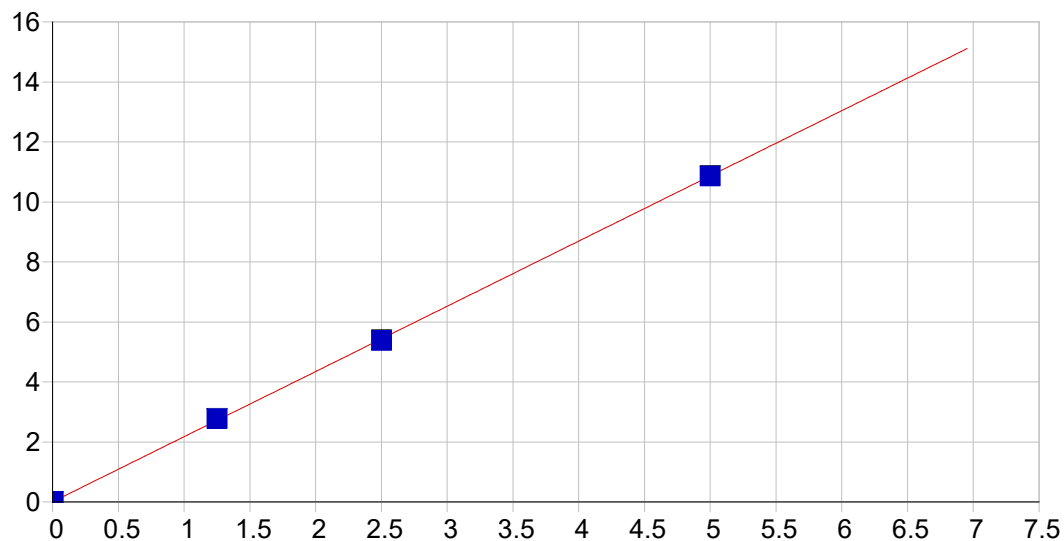


Be 234.861 {144}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003095 Re-Slope: 1.000000
 A1 (Gain): 4.486494 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999573 Status: OK.
 Std Error of Est: 0.000386
 Predicted MDL: 0.000082
 Predicted MQL: 0.000273

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00310	.000	1
S1	.00600	.00676	.001	12.7	.02695	.000	1
S3	.12500	.13198	.007	5.58	.58526	.003	1
S4	.25000	.25283	.003	1.13	1.1237	.007	1
S5	.50000	.48943	-.011	-2.11	2.1777	.019	1

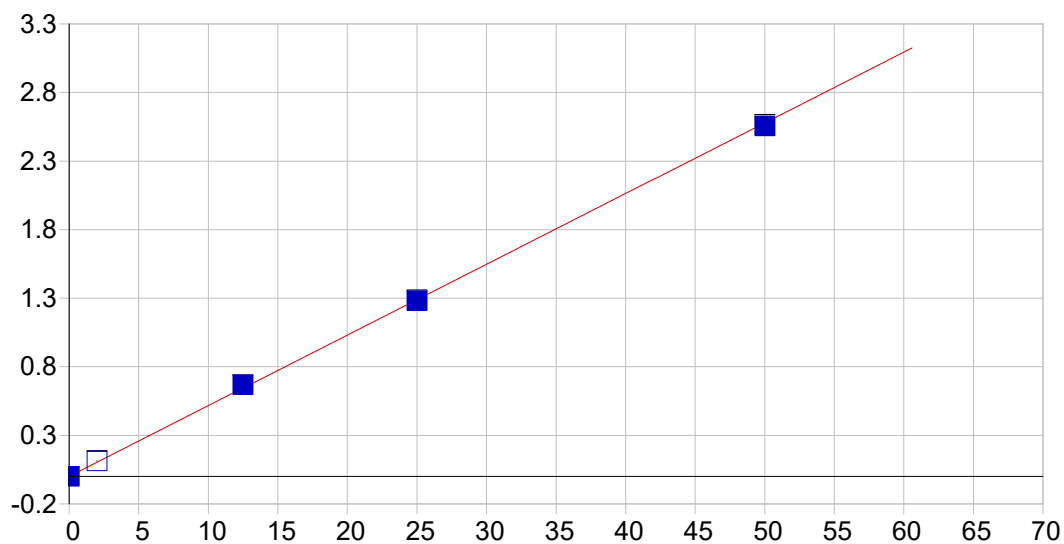


Cd 214.438 {457}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000478 Re-Slope: 1.000000
 A1 (Gain): 2.173494 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000207
 Predicted MDL: 0.000109
 Predicted MQL: 0.000363

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00048	.000	1
S1	.00600	.00640	.000	6.74	.01440	.000	1
S3	1.2500	1.2778	.028	2.22	2.7779	.004	1
S4	2.5000	2.4745	-.025	-1.02	5.3791	.016	1
S5	5.0000	4.9973	-.003	-.054	10.863	.005	1

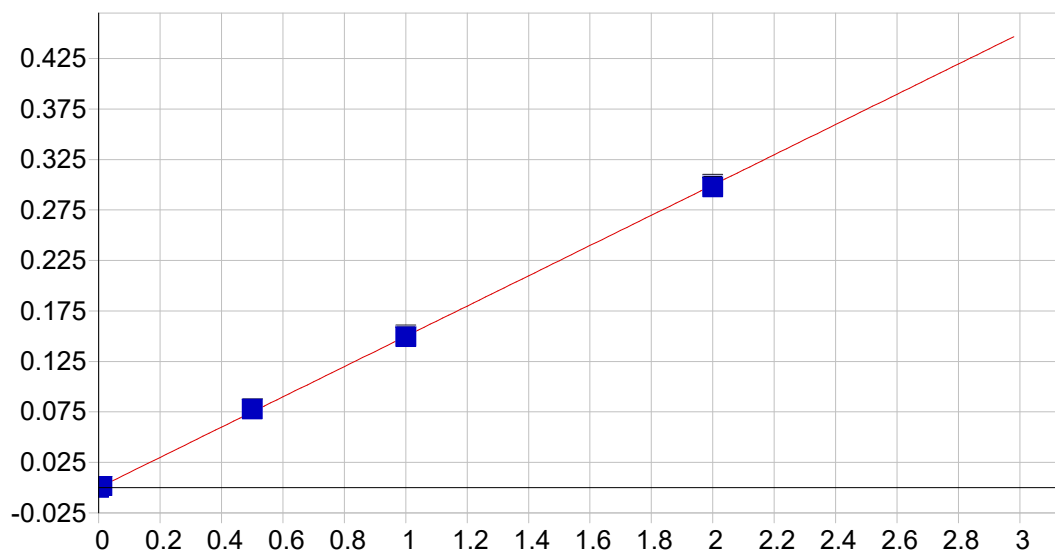


Ca 373.690 {90}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000488 Re-Slope: 1.000000
 A1 (Gain): 0.051561 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999785 Status: OK.
 Std Error of Est: 0.000583
 Predicted MDL: 0.015033
 Predicted MQL: 0.050110

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00023	-.000	.000	.00048	.001	1
S2	2.0000	2.1915	.192	9.58	.11348	.002	1
S3	12.500	12.930	.430	3.44	.66689	.001	1
S4	25.000	24.840	-.160	-.639	1.2807	.006	1
S5	50.000	49.539	-.461	-.923	2.5537	.013	1

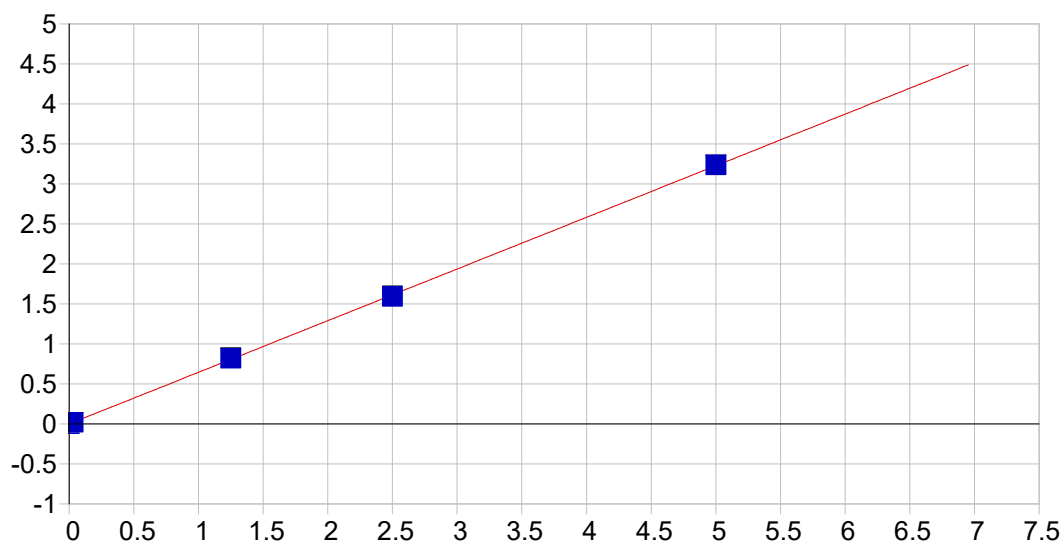


Cr 267.716 {126}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000003 Re-Slope: 1.000000
 A1 (Gain): 0.149860 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.000589
 Predicted MQL: 0.001964

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00000	.000	1
S1	.01000	.01153	.002	15.3	.00174	.000	1
S3	.50000	.51738	.017	3.48	.07806	.000	1
S4	1.0000	.99615	-.004	-.385	.15034	.001	1
S5	2.0000	1.9849	-.015	-.754	.29957	.001	1

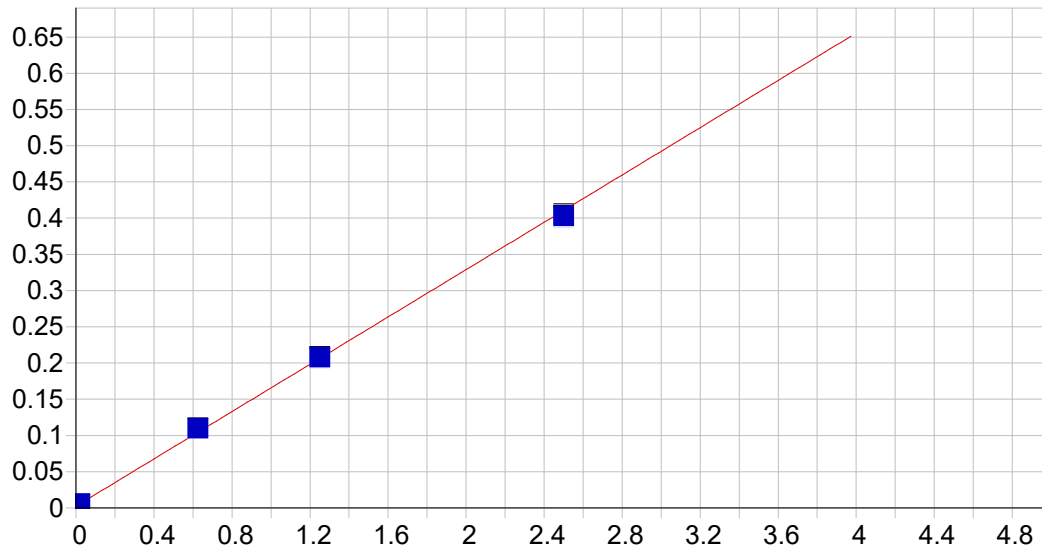


Co 228.616 {448}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000232 Re-Slope: 1.000000
 A1 (Gain): 0.645510 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000131
 Predicted MDL: 0.000350
 Predicted MQL: 0.001167

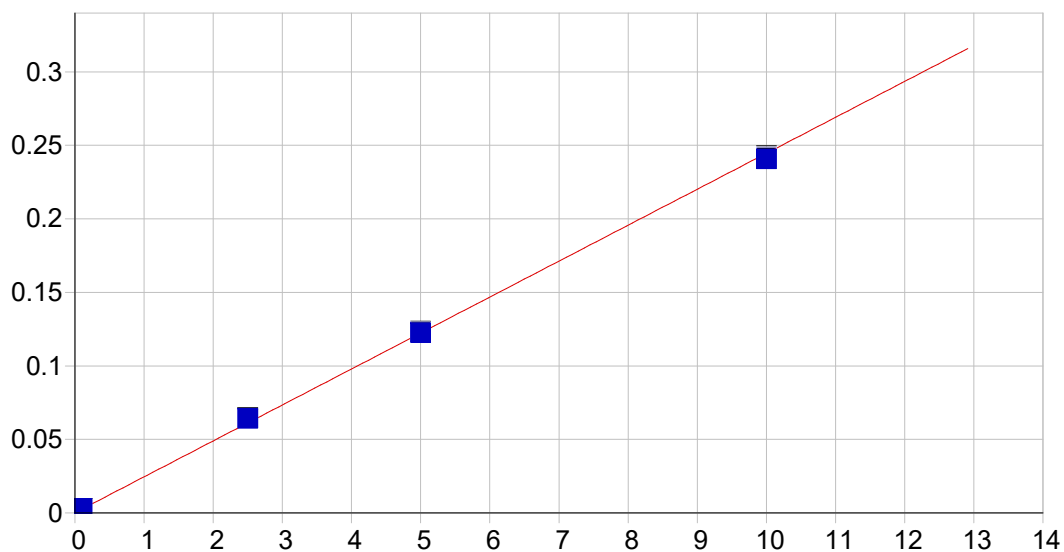
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00023	.000	1
S1	.03000	.03046	.000	1.55	.01937	.000	1
S3	1.2500	1.2712	.021	1.69	.82200	.002	1
S4	2.5000	2.4673	-.033	-1.31	1.5958	.004	1
S5	5.0000	5.0111	.011	.222	3.2412	.002	1

**Cu 324.754 {104}**

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002311 Re-Slope: 1.000000
 A1 (Gain): 0.163312 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999679 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.003111
 Predicted MQL: 0.010370

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00231	.000	1
S1	.02000	.01982	-.000	-.924	.00554	.000	1
S3	.62500	.65987	.035	5.58	.10954	.000	1
S4	1.2500	1.2594	.009	.752	.20692	.001	1
S5	2.5000	2.4559	-.044	-1.76	.40125	.003	1

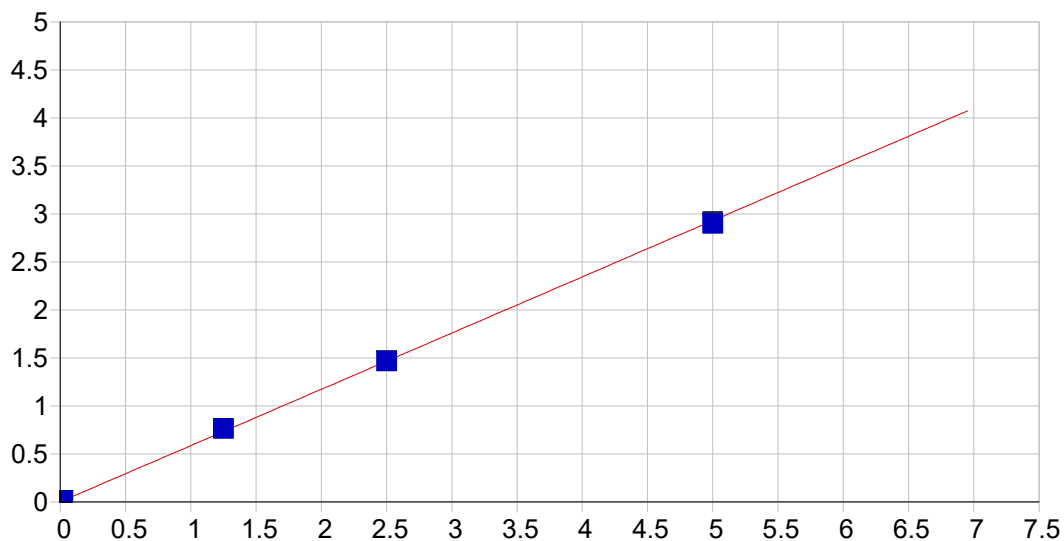


Fe 259.837 {130}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000096 Re-Slope: 1.000000
 A1 (Gain): 0.024451 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999623 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.010145
 Predicted MQL: 0.033816

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00010	.000	1
S1	.10000	.12199	.022	22.0	.00309	.000	1
S3	2.5000	2.6231	.123	4.92	.06453	.000	1
S4	5.0000	5.0118	.012	.236	.12324	.000	1
S5	10.000	9.8431	-.157	-1.57	.24197	.001	1

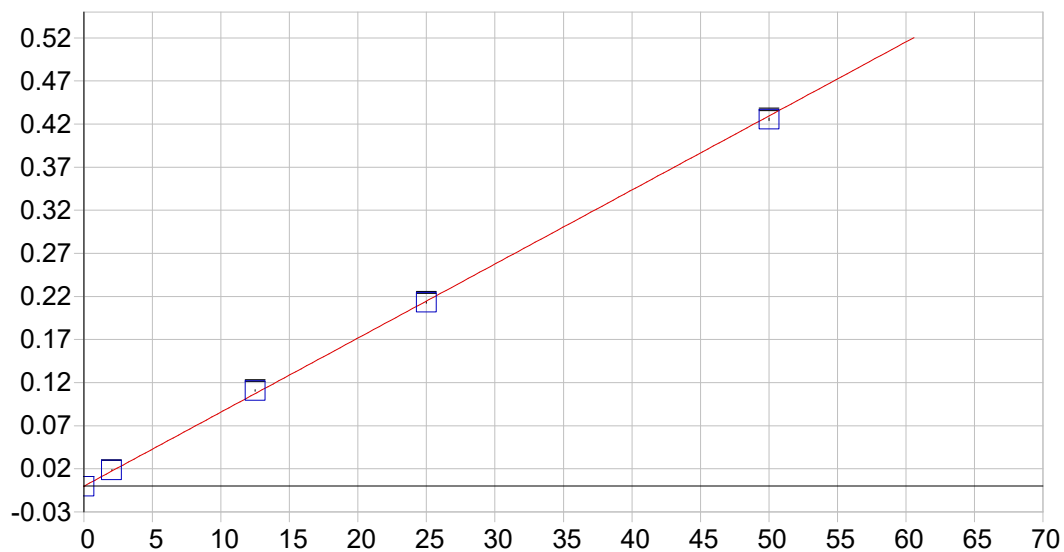


Mn 257.610 {131}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000642 Re-Slope: 1.000000
 A1 (Gain): 0.585948 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846 Status: OK.
 Std Error of Est: 0.000176
 Predicted MDL: 0.000480
 Predicted MQL: 0.001600

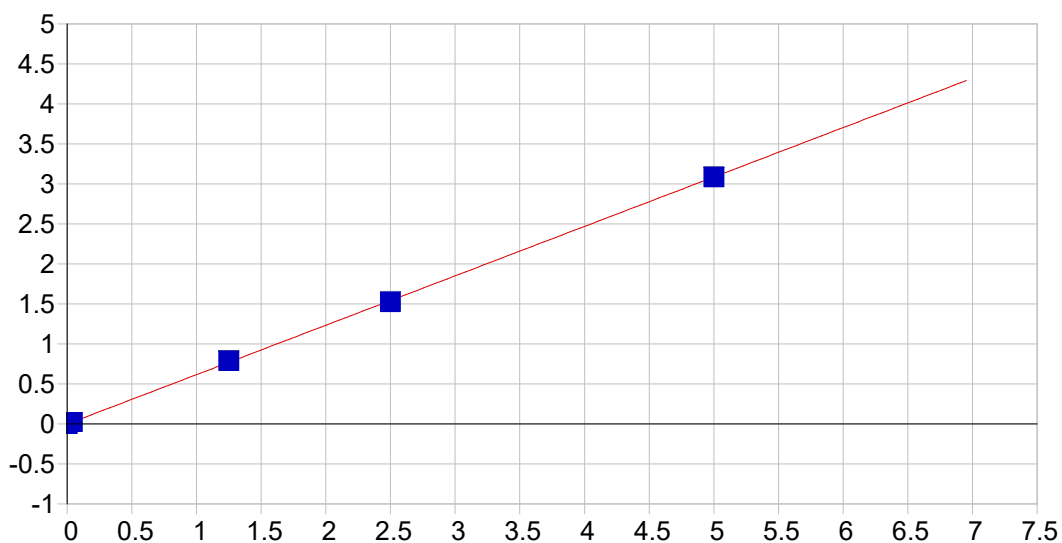
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00064	.000	1
S1	.02000	.02212	.002	10.6	.01361	.000	1
S3	1.2500	1.2994	.049	3.95	.76213	.003	1
S4	2.5000	2.4996	-.000	-.017	1.4655	.005	1
S5	5.0000	4.9489	-.051	-1.02	2.9010	.015	1

**Mg 279.079 {121}**

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000117 Re-Slope: 1.000000
 A1 (Gain): 0.008591 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999790 Status: OK.
 Std Error of Est: 0.000096
 Predicted MDL: 0.034458
 Predicted MQL: 0.114860

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00023	-.000	.000	-.00012	.000	1
S2	2.0000	2.1936	.194	9.68	.01873	.000	1
S3	12.500	12.915	.415	3.32	.11084	.001	1
S4	25.000	24.842	-.158	-.634	.21330	.001	1
S5	50.000	49.550	-.450	-.900	.42556	.002	1

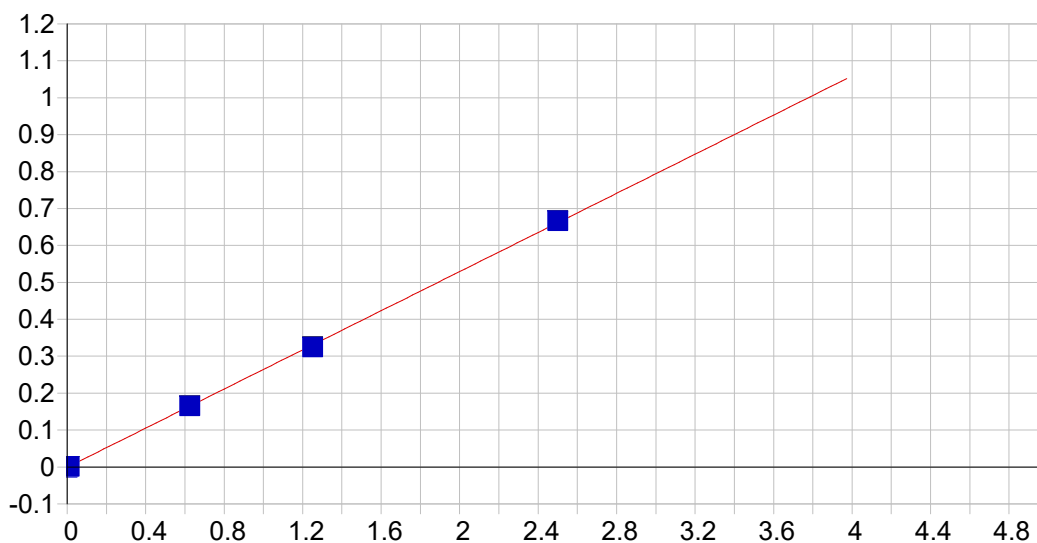


Ni 231.604 {446}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001808 Re-Slope: 1.000000
 A1 (Gain): 0.617563 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000171
 Predicted MDL: 0.000481
 Predicted MQL: 0.001602

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00181	.000	1
S1	.04000	.04292	.003	7.31	.02472	.000	1
S3	1.2500	1.2782	.028	2.26	.78831	.002	1
S4	2.5000	2.4727	-.027	-1.09	1.5267	.004	1
S5	5.0000	4.9961	-.004	-.077	3.0866	.001	1

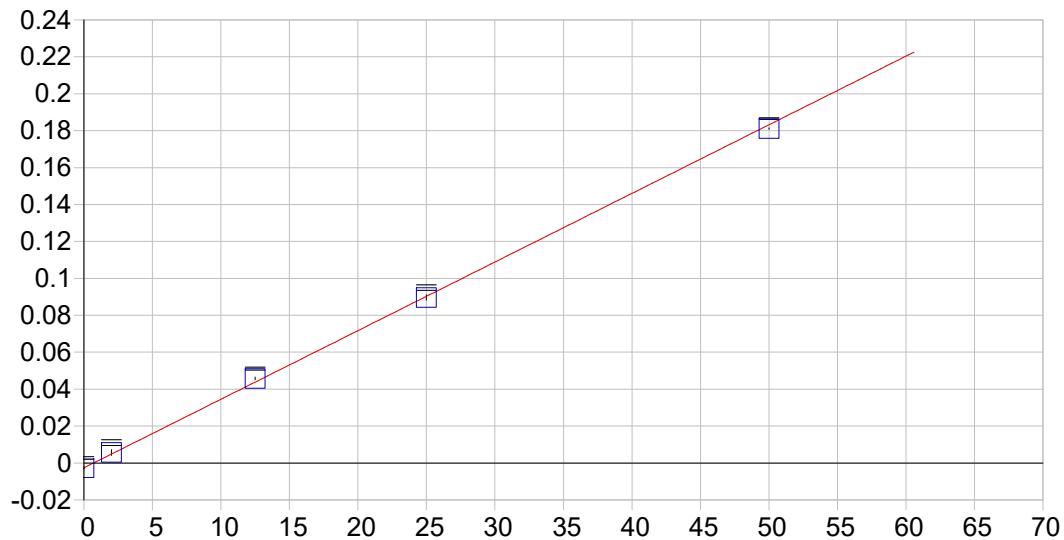


Ag 328.068 {103}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000828 Re-Slope: 1.000000
A1 (Gain): 0.264997 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999939 Status: OK.
Std Error of Est: 0.000025
Predicted MDL: 0.000565
Predicted MQL: 0.001882

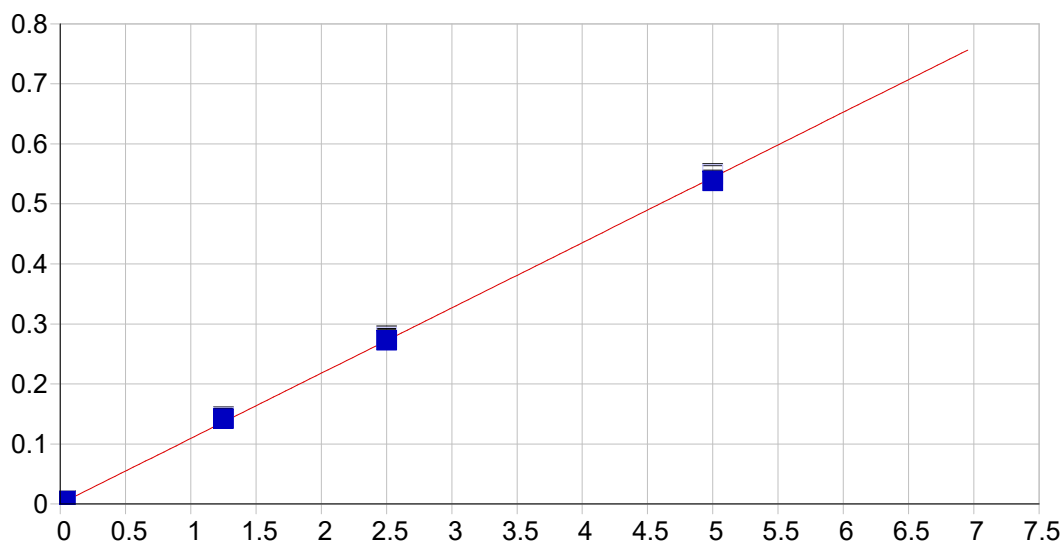
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00083	.000	1
S1	.01000	.00998	-.000	-.240	.00181	.000	1
S3	.62500	.62804	.003	.486	.16546	.000	1
S4	1.2500	1.2283	-.022	-1.74	.32437	.001	1
S5	2.5000	2.5187	.019	.748	.66604	.001	1

**Na 818.326 {41}**

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002652 Re-Slope: 1.000000
A1 (Gain): 0.003717 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999700 Status: OK.
Std Error of Est: 0.000050
Predicted MDL: 0.392407
Predicted MQL: 1.308022

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00027	-.000	.000	-.00265	.001	1
S2	2.0000	2.2204	.220	11.0	.00560	.002	1
S3	12.500	13.022	.522	4.18	.04575	.001	1
S4	25.000	24.813	-.187	-.747	.08958	.001	1
S5	50.000	49.444	-.556	-1.11	.18112	.000	1

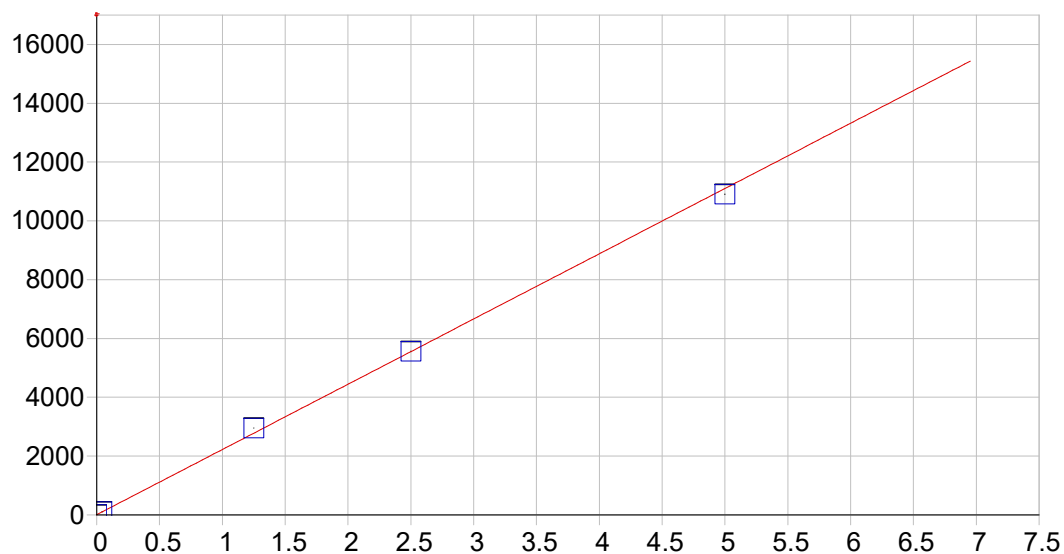


V 292.402 {115}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000373 Re-Slope: 1.000000
 A1 (Gain): 0.108735 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999844 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.003562
 Predicted MQL: 0.011873

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00037	.000	1
S1	.04000	.04270	.003	6.75	.00523	.000	1
S3	1.2500	1.3006	.051	4.05	.14450	.001	1
S4	2.5000	2.5022	.002	.090	.27787	.002	1
S5	5.0000	4.9444	-.056	-1.11	.54883	.002	1

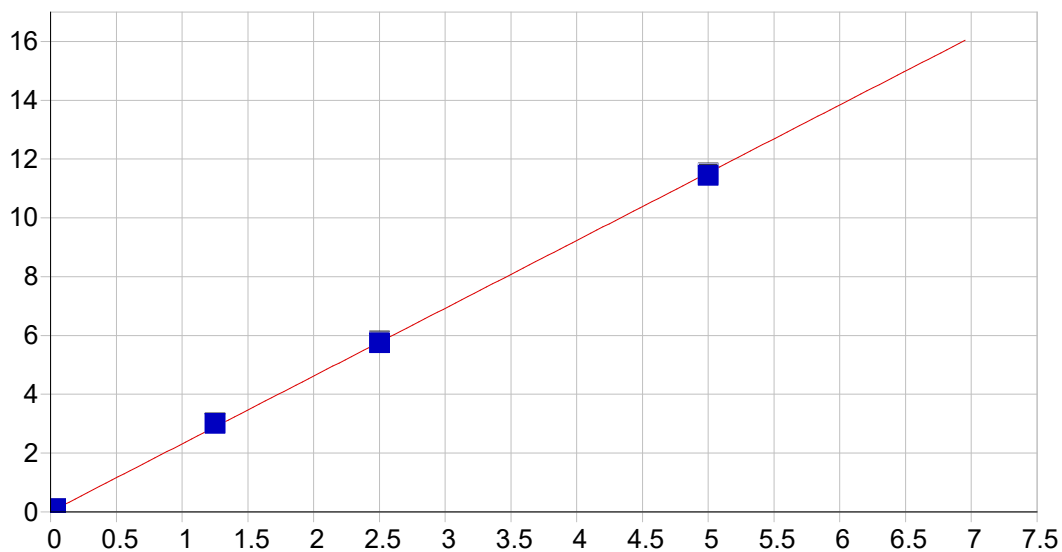


Zn 206.200 {464}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5.534455 Re-Slope: 1.000000
 A1 (Gain): 2219.409842 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999565 Status: OK.
 Std Error of Est: 1.583797
 Predicted MDL: 0.000294
 Predicted MQL: 0.000980

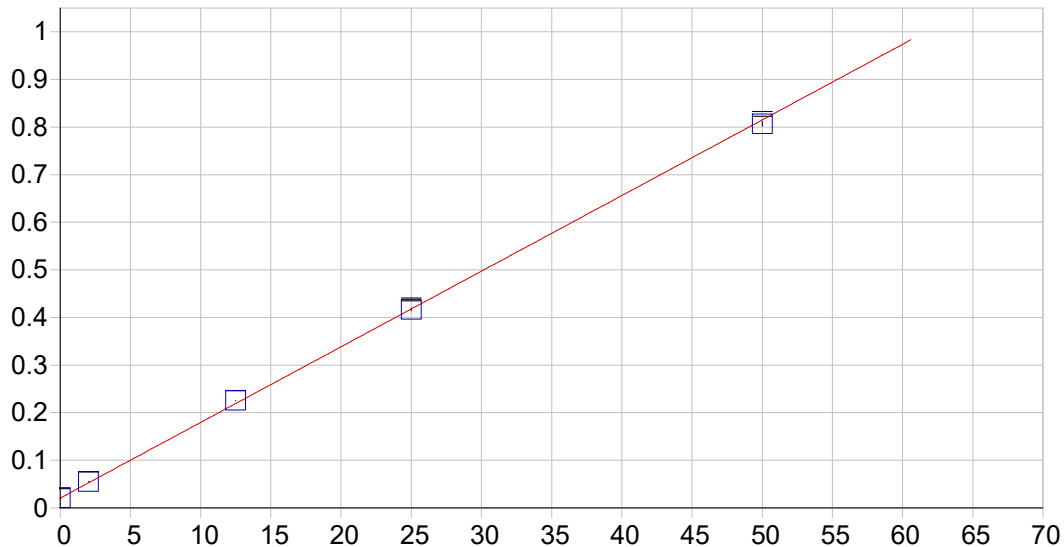
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	5.5153	.448	1
S1	.04000	.04679	.007	17.0	109.39	.496	1
S3	1.2500	1.3284	.078	6.27	2953.8	7.80	1
S4	2.5000	2.5035	.003	.139	5561.8	8.05	1
S5	5.0000	4.9113	-.089	-1.77	10906.	9.61	1

**Zn 213.856 {158}**

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008389 Re-Slope: 1.000000
 A1 (Gain): 2.305624 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999839 Status: OK.
 Std Error of Est: 0.001007
 Predicted MDL: 0.000373
 Predicted MQL: 0.001244

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00837	.001	1
S1	.04000	.04506	.005	12.6	.11280	.001	1
S3	1.2500	1.2978	.048	3.82	3.0168	.008	1
S4	2.5000	2.4887	-.011	-.452	5.7789	.032	1
S5	5.0000	4.9585	-.042	-.831	11.506	.025	1

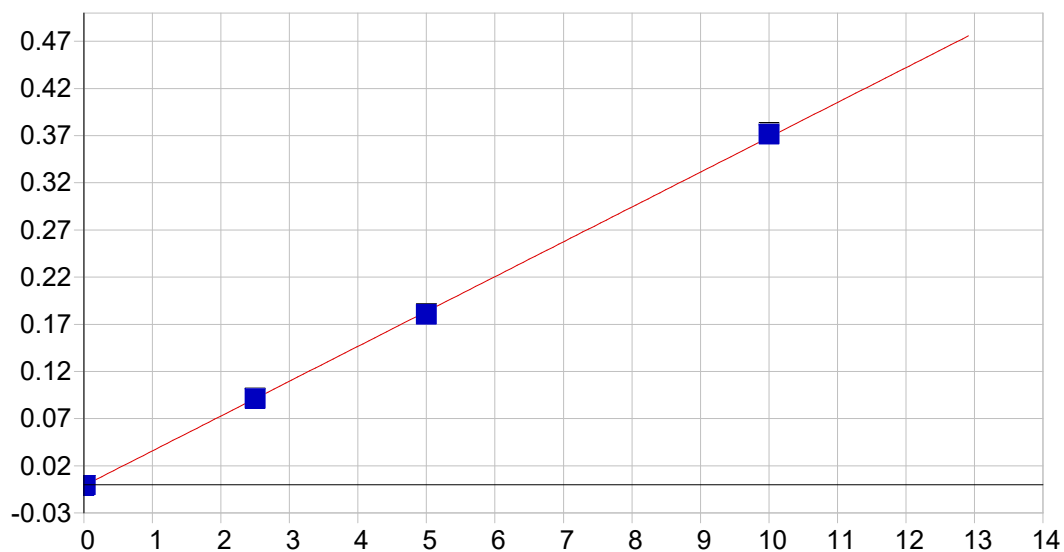


K 769.896 { 44}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020726 Re-Slope: 1.000000
 A1 (Gain): 0.015885 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999827 Status: OK.
 Std Error of Est: 0.000161
 Predicted MDL: 0.096148
 Predicted MQL: 0.320493

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00020	-.000	.000	.02072	.001	1
S2	2.0000	2.1587	.159	7.94	.05502	.000	1
S3	12.500	12.906	.406	3.25	.22573	.000	1
S4	25.000	24.941	-.059	-.237	.41691	.003	1
S5	50.000	49.495	-.505	-1.01	.80695	.005	1

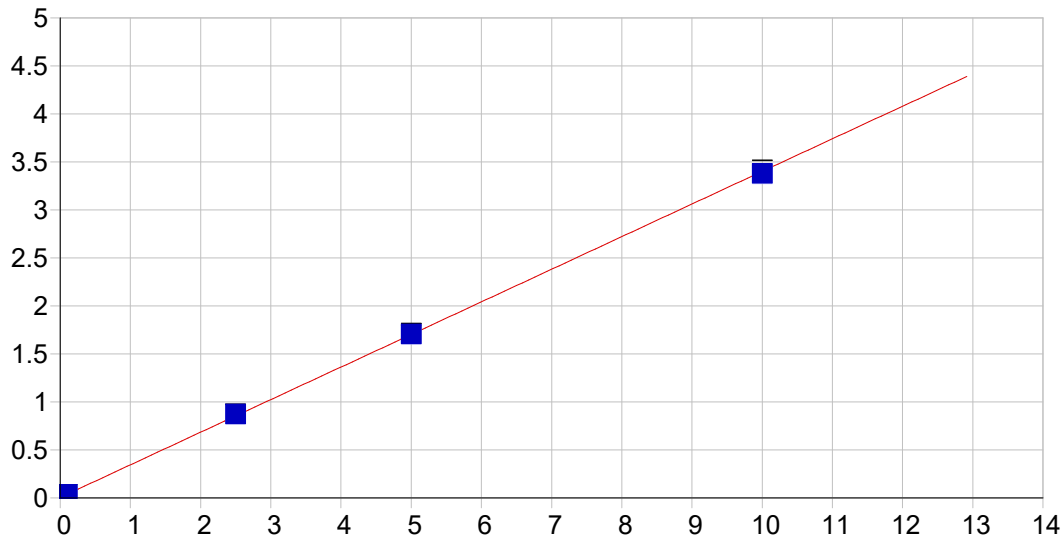


P 177.495 {490}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001156 Re-Slope: 1.000000
 A1 (Gain): 0.036939 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.003297
 Predicted MQL: 0.010989

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00116	.000	1
S1	.02000	.01980	-.000	-1.01	-.00042	.000	1
S3	2.5000	2.4997	-.000	-.010	.09140	.000	1
S4	5.0000	4.9161	-.084	-1.68	.18087	.001	1
S5	10.000	10.084	.084	.844	.37220	.001	1

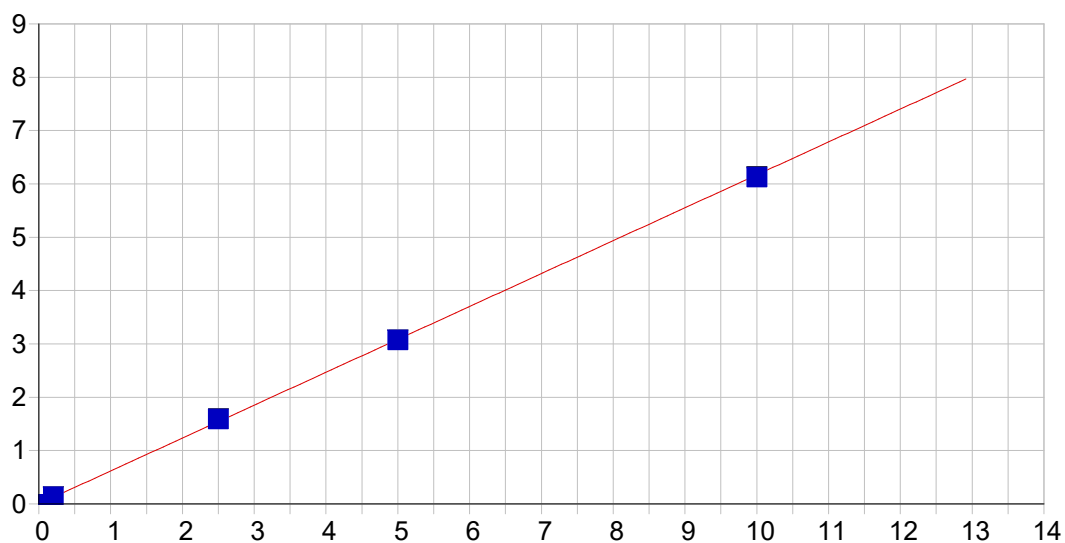


B 249.678 {135}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004807 Re-Slope: 1.000000
 A1 (Gain): 0.339602 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000173
 Predicted MDL: 0.001216
 Predicted MQL: 0.004052

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00481	.000	1
S1	.10000	.10169	.002	1.69	.03921	.000	1
S3	2.5000	2.5530	.053	2.12	.86987	.003	1
S4	5.0000	5.0081	.008	.161	1.7017	.010	1
S5	10.000	9.9372	-.063	-.628	3.3718	.037	1

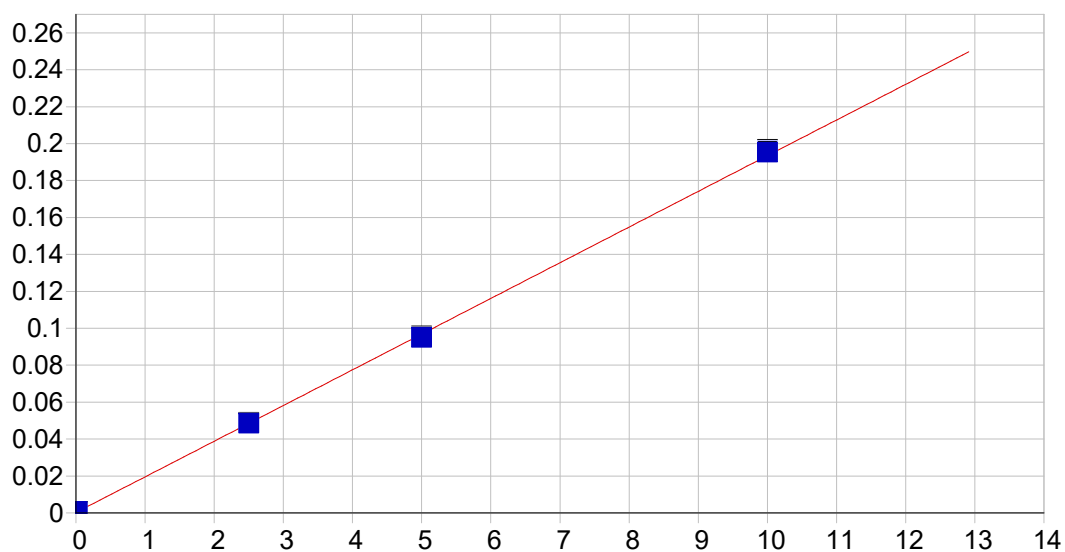


Mo 202.030 {467}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000784 Re-Slope: 1.000000
 A1 (Gain): 0.616860 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897 Status: OK.
 Std Error of Est: 0.000680
 Predicted MDL: 0.000366
 Predicted MQL: 0.001220

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00077	.000	1
S1	.20000	.21332	.013	6.66	.13238	.000	1
S3	2.5000	2.5742	.074	2.97	1.5891	.005	1
S4	5.0000	4.9829	-.017	-.343	3.0752	.009	1
S5	10.000	9.9296	-.070	-.704	6.1273	.012	1

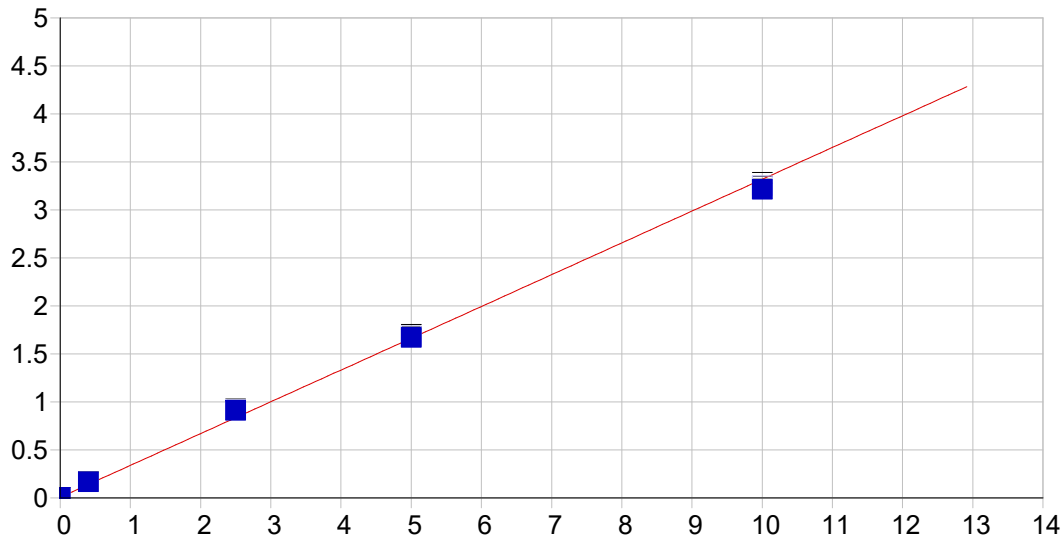


S 182.034 {485}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000207 Re-Slope: 1.000000
 A1 (Gain): 0.019324 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.006215
 Predicted MQL: 0.020718

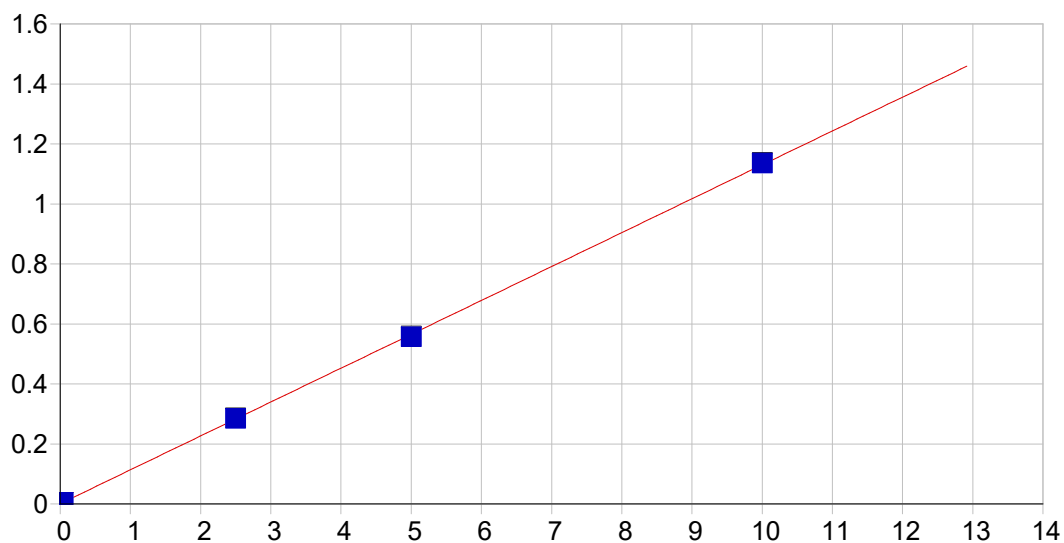
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00021	.000	1
S1	.02000	.02084	.001	4.19	.00060	.000	1
S3	2.5000	2.4984	-.002	-.064	.04871	.000	1
S4	5.0000	4.9004	-.100	-1.99	.09536	.000	1
S5	10.000	10.100	.100	1.00	.19630	.001	1

**Si 251.611 {134}**

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007546 Re-Slope: 1.000000
 A1 (Gain): 0.331101 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998737 Status: OK.
 Std Error of Est: 0.001839
 Predicted MDL: 0.001278
 Predicted MQL: 0.004259

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00010	-.000	.000	.00751	.000	1
S1	.40000	.47736	.077	19.3	.16624	.002	1
S3	2.5000	2.7288	.229	9.15	.92080	.005	1
S4	5.0000	5.0161	.016	.321	1.6879	.015	1
S5	10.000	9.6783	-.322	-3.22	3.2510	.036	1

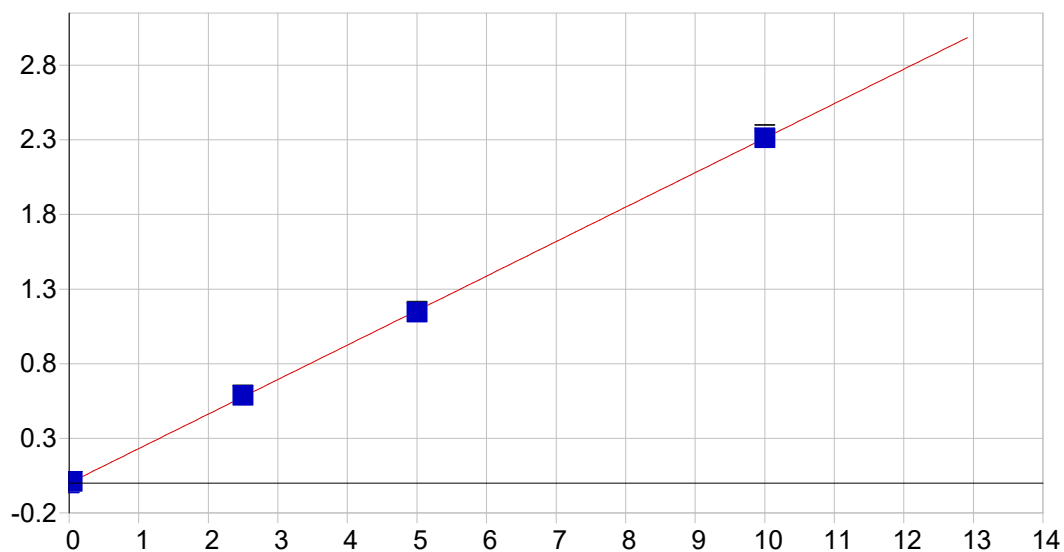


Sn 189.989 {478}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000604 Re-Slope: 1.000000
 A1 (Gain): 0.112940 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.001204
 Predicted MQL: 0.004015

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00060	.000	1
S1	.04000	.03971	-.000	-.729	.00509	.000	1
S3	2.5000	2.5198	.020	.791	.28497	.001	1
S4	5.0000	4.9289	-.071	-1.42	.55684	.002	1
S5	10.000	10.052	.052	.516	1.1349	.001	1

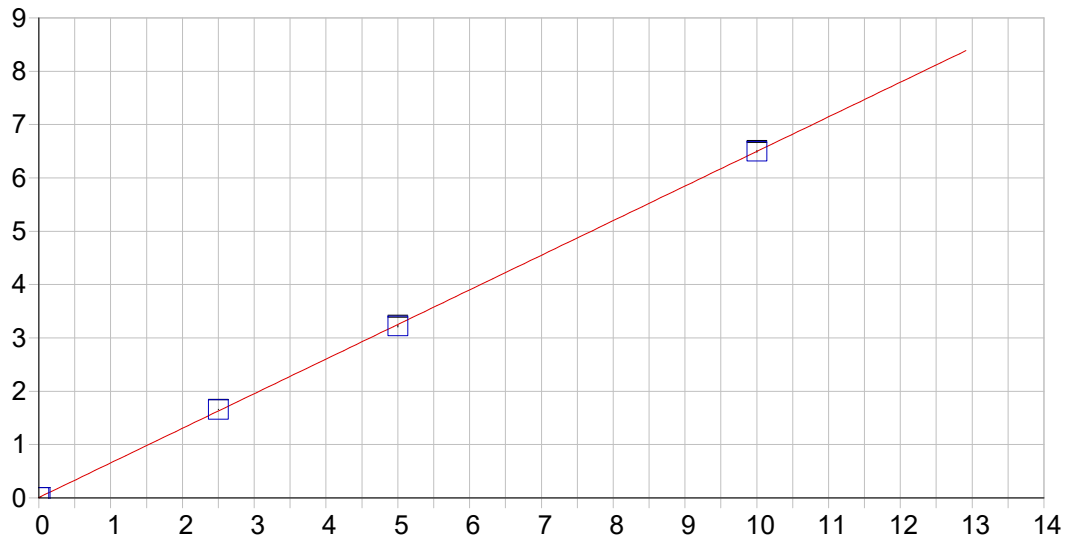


TI 336.121 {100}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000082 Re-Slope: 1.000000
 A1 (Gain): 0.231159 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000062
 Predicted MDL: 0.002087
 Predicted MQL: 0.006955

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.04000	.04199	.002	4.97	.00978	.000	1
S3	2.5000	2.5375	.037	1.50	.58644	.002	1
S4	5.0000	4.9540	-.046	-.920	1.1448	.005	1
S5	10.000	10.007	.007	.066	2.3124	.021	1

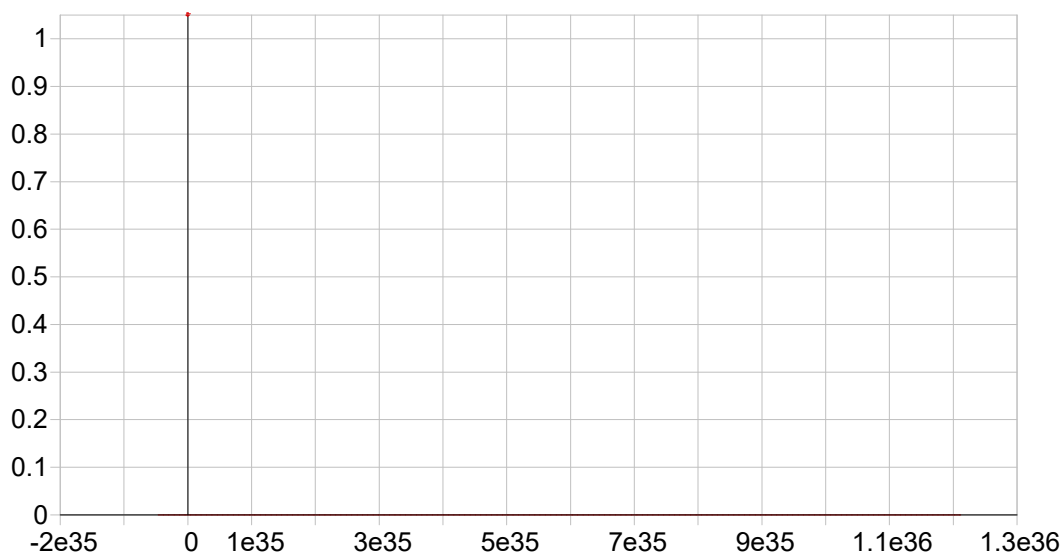


LI 670.784 { 50}

Date of Fit: 07/15/2019 16:16:29 Type of Fit: Linear Weighting: 1/Conc

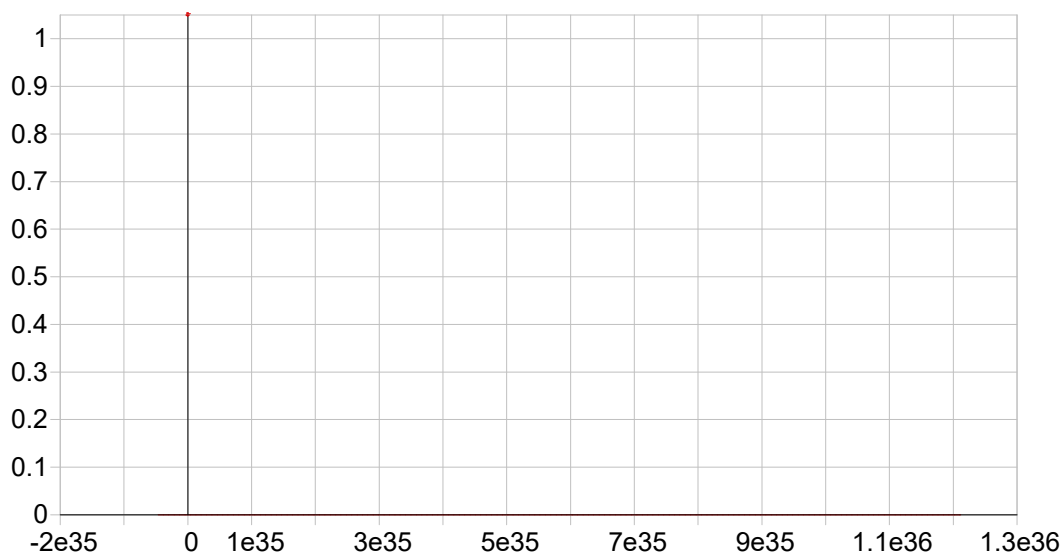
A0 (Offset): 0.007241 Re-Slope: 1.000000
 A1 (Gain): 0.648916 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000129
 Predicted MDL: 0.002623
 Predicted MQL: 0.008744

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00724	.001	1
S5	10.000	10.005	.005	.051	6.4997	.019	1
S4	5.0000	4.9537	-.046	-.927	3.2217	.016	1
S3	2.5000	2.5422	.042	1.69	1.6569	.003	1
S1	.02000	.01900	-.001	-4.99	.01957	.001	1



Y 224.306 {150}*

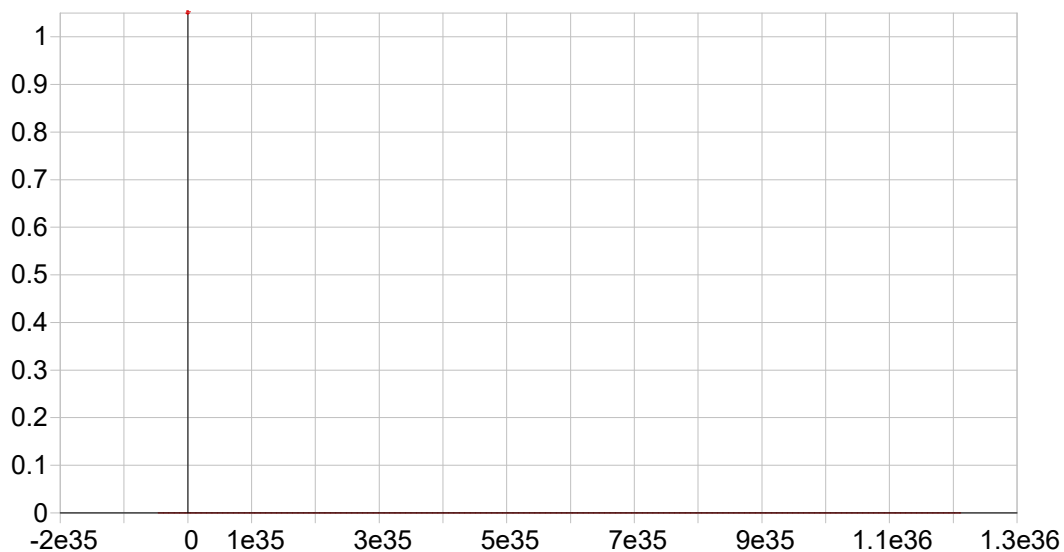
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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



**Y 224.306 {450}*
 100**

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

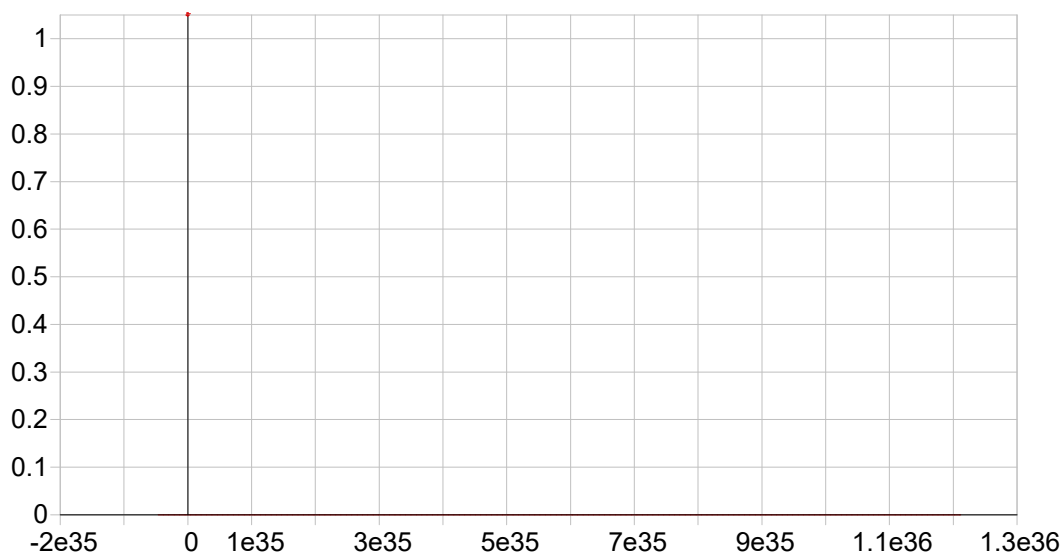




Y 371.030 { 91}*

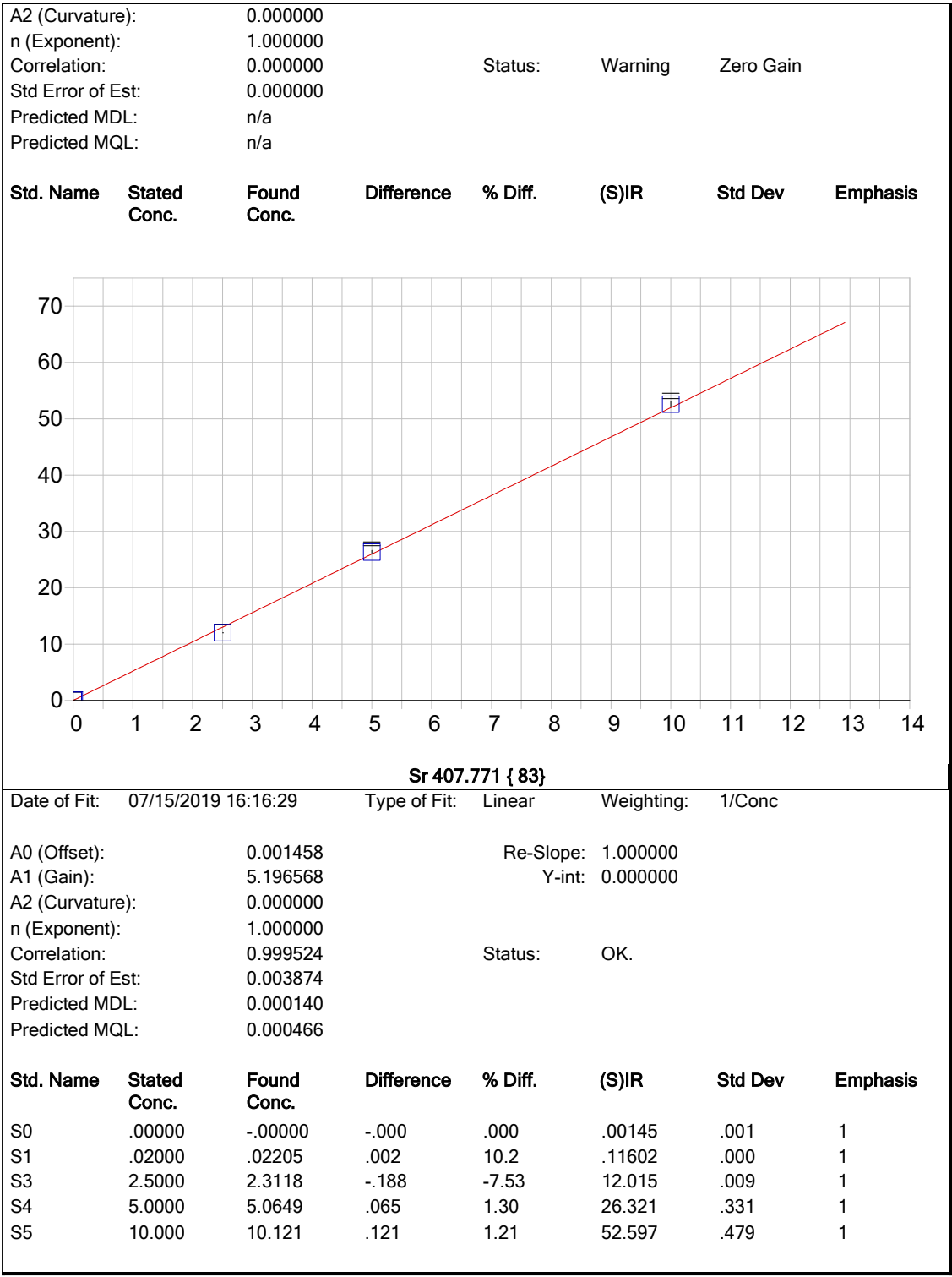
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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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: 07/15/2019 11:36:20 Type: Cal
Method: NON EPA-6010-200.7(v119) 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	-.00056	-.00121	.00078	.00053	.00080	.00384	.00397	-.00310
Stddev	.00008	.00005	.00033	.00016	.00031	.00110	.00087	.00025
%RSD	13.464	3.9194	42.158	30.992	38.582	28.660	21.947	8.0768

#1	-.00064	-.00120	.00106	.00070	.00051	.00326	.00468	-.00333
#2	-.00055	-.00118	.00087	.00037	.00077	.00315	.00421	-.00313
#3	-.00049	-.00127	.00042	.00054	.00113	.00511	.00300	-.00283

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	.00048	.00048	-.00000	-.00023	.00231	.00010	.00064	-.00012
Stddev	.00007	.00054	.00010	.00029	.00024	.00004	.00023	.00016
%RSD	14.197	112.89	3365.4	126.36	10.574	38.212	36.296	136.56

#1	.00055	-.00014	-.00005	-.00019	.00214	.00008	.00077	.00007
#2	.00042	.00071	.00011	-.00055	.00220	.00014	.00037	-.00023
#3	.00046	.00086	-.00006	.00003	.00259	.00007	.00078	-.00019

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	-.00181	-.00083	-.00265	.00037	.00837	.02072	-.00116	.00481
Stddev	.00020	.00007	.00063	.00009	.00086	.00099	.00007	.00021
%RSD	11.102	8.6408	23.610	23.679	10.284	4.7895	6.4095	4.3251

#1	-.00203	-.00082	-.00199	.00033	.00805	.02117	-.00117	.00502
#2	-.00164	-.00076	-.00323	.00031	.00773	.02141	-.00108	.00461
#3	-.00176	-.00090	-.00275	.00047	.00935	.01959	-.00122	.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	.00077	.00021	.00751	.00060	.00008	.00724	.00145	
Stddev	.00003	.00014	.00029	.00012	.00016	.00135	.00062	
%RSD	4.0730	67.241	3.8039	20.338	189.33	18.648	42.486	

#1	.00075	.00027	.00781	.00071	.00023	.00752	.00216	
#2	.00081	.00030	.00749	.00064	.00010	.00843	.00115	
#3	.00076	.00005	.00724	.00047	-.00008	.00577	.00105	

Sample Name: S0 Acquired: 07/15/2019 11:36:20 Type: Cal
Method: NON EPA-6010-200.7(v119) 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	2097.0	3055.2	44833.	7973.3	3426.1
Stddev	10.7	2.2	122.	42.6	7.4
%RSD	.51178	.07104	.27246	.53443	.21730
#1	2108.2	3055.3	44936.	7968.2	3417.6
#2	2086.8	3053.0	44698.	7933.5	3429.3
#3	2096.0	3057.4	44863.	8018.2	3431.4

Sample Name: S1 Acquired: 07/15/2019 11:40:13 Type: Cal
Method: NON EPA-6010-200.7(v119) 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	.00031	.00199	.00283	.00162	.00774	.01183	.31131	.02695
Stddev	.00006	.00027	.00015	.00020	.00019	.00106	.00092	.00030
%RSD	19.133	13.722	5.3986	12.121	2.5063	8.9567	.29539	1.1311

#1	.00032	.00228	.00289	.00185	.00785	.01147	.31085	.02676
#2	.00025	.00173	.00295	.00154	.00785	.01100	.31072	.02679
#3	.00037	.00196	.00266	.00148	.00752	.01302	.31237	.02730

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	.01440	.00174	.01937	.00554	.00309	.01361	.02472	.00181
Stddev	.00004	.00003	.00003	.00027	.00007	.00009	.00017	.00001
%RSD	.30757	1.8641	.17940	4.8155	2.3541	.66083	.68870	.62176

#1	.01443	.00171	.01933	.00527	.00306	.01367	.02464	.00182
#2	.01443	.00174	.01938	.00555	.00317	.01350	.02461	.00181
#3	.01435	.00178	.01940	.00581	.00303	.01365	.02492	.00180

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	.00523	.11280	-.00042	.03921	.13238	.00060	.16624	.00509
Stddev	.00025	.00117	.00003	.00036	.00035	.00005	.00169	.00011
%RSD	4.7990	1.0354	7.4686	.91048	.26765	8.4809	1.0147	2.1991

#1	.00536	.11279	-.00044	.03949	.13222	.00063	.16524	.00515
#2	.00495	.11398	-.00043	.03933	.13215	.00063	.16818	.00496
#3	.00540	.11164	-.00038	.03881	.13279	.00054	.16529	.00516

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.00978	.01957	.11602
Stddev	.00030	.00096	.00036
%RSD	3.0565	4.9202	.30844

#1	.00980	.01887	.11617
#2	.01007	.02067	.11628
#3	.00947	.01917	.11561

Sample Name: S1 Acquired: 07/15/2019 11:40:13 Type: Cal
Method: NON EPA-6010-200.7(v119) 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	2108.1	3072.9	45086.	8203.7	3440.5
Stddev	12.0	3.7	332.	74.0	2.7
%RSD	.56916	.12104	.73705	.90244	.07983
#1	2120.5	3076.6	45316.	8204.6	3438.3
#2	2096.6	3072.9	45237.	8129.3	3439.6
#3	2107.2	3069.2	44705.	8277.3	3443.6

Sample Name: S2 Acquired: 07/15/2019 11:44:05 Type: Cal
Method: NON EPA-6010-200.7(v119) 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	.11348	.01873	.00560	.05502
Stddev	.00155	.00005	.00158	.00013
%RSD	1.3615	.24037	28.201	.24504

#1	.11170	.01868	.00652	.05492
#2	.11440	.01876	.00378	.05497
#3	.11435	.01875	.00650	.05517

Int. Std.	Y_3710
Units	Cts/S
Avg	8261.8
Stddev	27.2
%RSD	.32881

#1	8235.5
#2	8260.2
#3	8289.8

Sample Name: S3 Acquired: 07/15/2019 11:47:52 Type: Cal
Method: NON EPA-6010-200.7(v119) 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	.09810	.19393	.44969	.12515	.34538	.36751	14.759	.58526
Stddev	.00013	.00085	.00127	.00010	.00080	.00070	.018	.00303
%RSD	.12909	.43839	.28140	.08251	.23250	.19023	.12094	.51783

#1	.09806	.19358	.45086	.12505	.34447	.36670	14.747	.58830
#2	.09799	.19331	.44835	.12513	.34599	.36793	14.780	.58224
#3	.09824	.19490	.44985	.12526	.34569	.36789	14.751	.58524

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	2.7779	.66689	.07806	.82200	.10954	.06453	.76213	.11084
Stddev	.0040	.00085	.00010	.00183	.00046	.00037	.00276	.00084
%RSD	.14489	.12773	.12879	.22293	.42423	.58077	.36201	.75820

#1	2.7750	.66607	.07807	.82020	.10951	.06411	.75944	.11017
#2	2.7762	.66683	.07816	.82192	.11002	.06481	.76200	.11055
#3	2.7825	.66777	.07796	.82386	.10909	.06469	.76495	.11178

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	.78831	.16546	.04575	.14450	3.0168	.22573	.09140	.86987
Stddev	.00202	.00045	.00073	.00066	.0077	.00043	.00031	.00294
%RSD	.25666	.27292	1.5978	.45360	.25431	.19187	.34404	.33774

#1	.78675	.16526	.04659	.14392	3.0124	.22548	.09114	.87212
#2	.78759	.16597	.04543	.14521	3.0124	.22623	.09130	.86655
#3	.79060	.16514	.04523	.14438	3.0257	.22548	.09175	.87095

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	1.5891	.04871	.92080	.28497	.58644	1.6569	12.015	
Stddev	.0054	.00034	.00487	.00087	.00208	.0030	.009	
%RSD	.34047	.68875	.52851	.30435	.35469	.18340	.07259	

#1	1.5848	.04896	.92072	.28505	.58415	1.6534	12.011	
#2	1.5873	.04833	.91598	.28406	.58698	1.6589	12.009	
#3	1.5951	.04885	.92571	.28579	.58820	1.6584	12.025	

Sample Name: S3 Acquired: 07/15/2019 11:47:52 Type: Cal
Method: NON EPA-6010-200.7(v119) 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	2115.4	3069.4	45115.	8198.4	3413.7
Stddev	7.7	6.3	10.	56.0	4.4
%RSD	.36476	.20607	.02233	.68347	.12867
#1	2123.0	3076.6	45106.	8168.2	3418.5
#2	2115.6	3064.5	45112.	8263.0	3412.7
#3	2107.6	3067.2	45126.	8163.9	3409.9

Sample Name: S4 Acquired: 07/15/2019 11:51:28 Type: Cal
Method: NON EPA-6010-200.7(v119) 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	.19031	.38010	.88347	.24101	.66848	.70274	28.645	1.1237
Stddev	.00125	.00181	.00431	.00083	.00163	.00269	.108	.0066
%RSD	.65929	.47591	.48837	.34597	.24328	.38333	.37659	.58789

#1	.19014	.38097	.88626	.24058	.66835	.70380	28.593	1.1187
#2	.18915	.37802	.87850	.24048	.66693	.70474	28.769	1.1212
#3	.19164	.38130	.88565	.24197	.67017	.69967	28.573	1.1312

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.3791	1.2807	.15034	1.5958	.20692	.12324	1.4655	.21330
Stddev	.0163	.0059	.00076	.0043	.00111	.00048	.0052	.00108
%RSD	.30294	.45778	.50765	.27288	.53662	.39189	.35121	.50795

#1	5.3802	1.2759	.15087	1.5961	.20707	.12276	1.4642	.21210
#2	5.3624	1.2873	.14946	1.5913	.20794	.12372	1.4712	.21359
#3	5.3949	1.2790	.15068	1.6000	.20574	.12324	1.4612	.21420

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	1.5267	.32437	.08958	.27787	5.7789	.41691	.18087	1.7017
Stddev	.0037	.00126	.00146	.00197	.0325	.00294	.00060	.0101
%RSD	.24417	.38821	1.6307	.71038	.56165	.70400	.33327	.59395

#1	1.5284	.32558	.09020	.27768	5.7999	.41640	.18043	1.6900
#2	1.5225	.32448	.09062	.27993	5.7953	.42006	.18061	1.7072
#3	1.5293	.32306	.08791	.27600	5.7415	.41426	.18155	1.7078

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	3.0752	.09536	1.6879	.55684	1.1448	3.2217	26.321
Stddev	.0094	.00045	.0149	.00212	.0055	.0164	.331
%RSD	.30647	.46675	.88176	.37997	.47654	.50782	1.2577

#1	3.0644	.09510	1.6717	.55692	1.1387	3.2052	25.939
#2	3.0797	.09510	1.6907	.55468	1.1489	3.2379	26.523
#3	3.0815	.09587	1.7011	.55891	1.1470	3.2221	26.502

Sample Name: S4 Acquired: 07/15/2019 11:51:28 Type: Cal
Method: NON EPA-6010-200.7(v119) 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	2098.6	3063.6	45214.	8281.8	3368.8
Stddev	22.1	5.5	336.	32.4	4.5
%RSD	1.0509	.18100	.74287	.39073	.13374
#1	2085.2	3069.5	44953.	8304.7	3367.6
#2	2086.6	3062.7	45096.	8244.8	3373.8
#3	2124.1	3058.5	45593.	8295.8	3365.0

Sample Name: S5 Acquired: 07/15/2019 11:55:11 Type: Cal
Method: NON EPA-6010-200.7(v119) 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	.38328	.77281	1.8100	.47992	1.3338	1.3833	56.041	2.1777
Stddev	.00029	.00305	.0019	.00181	.0019	.0066	.426	.0189
%RSD	.07668	.39427	.10349	.37660	.14121	.47636	.76020	.86933

#1	.38311	.77010	1.8110	.47788	1.3322	1.3769	56.047	2.1922
#2	.38312	.77611	1.8079	.48056	1.3334	1.3901	55.612	2.1563
#3	.38362	.77222	1.8113	.48132	1.3359	1.3830	56.464	2.1845

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.863	2.5537	.29957	3.2412	.40125	.24197	2.9010	.42556
Stddev	.005	.0132	.00097	.0019	.00253	.00085	.0153	.00155
%RSD	.04241	.51483	.32230	.05903	.63003	.34966	.52664	.36431

#1	10.863	2.5434	.29995	3.2413	.39844	.24145	2.8902	.42386
#2	10.858	2.5491	.29847	3.2393	.40335	.24151	2.8943	.42595
#3	10.867	2.5685	.30028	3.2431	.40196	.24295	2.9185	.42688

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	3.0866	.66604	.18112	.54883	11.506	.80695	.37220	3.3718
Stddev	.0011	.00105	.00045	.00174	.025	.00498	.00121	.0373
%RSD	.03439	.15711	.24641	.31662	.21412	.61767	.32523	1.1070

#1	3.0856	.66590	.18082	.54715	11.516	.80506	.37124	3.3946
#2	3.0864	.66715	.18092	.55062	11.478	.81260	.37356	3.3287
#3	3.0877	.66508	.18164	.54872	11.524	.80319	.37181	3.3920

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	6.1273	.19630	3.2510	1.1349	2.3124	6.4997	52.597	
Stddev	.0124	.00060	.0358	.0012	.0211	.0191	.479	
%RSD	.20312	.30612	1.1017	.10790	.91154	.29454	.91108	

#1	6.1139	.19572	3.2659	1.1344	2.3134	6.4855	52.045	
#2	6.1296	.19692	3.2102	1.1364	2.2908	6.4922	52.851	
#3	6.1385	.19626	3.2770	1.1341	2.3329	6.5215	52.897	

Sample Name: S5 Acquired: 07/15/2019 11:55:11 Type: Cal
Method: NON EPA-6010-200.7(v119) 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	2071.8	3046.2	44776.	8431.9	3280.6
Stddev	13.1	6.8	227.	56.4	3.1
%RSD	.63024	.22197	.50678	.66864	.09539
#1	2070.5	3053.9	44845.	8371.1	3283.1
#2	2059.4	3043.3	44523.	8482.5	3277.1
#3	2085.4	3041.4	44960.	8442.2	3281.5

Sample Name: ICV01 Acquired: 07/15/2019 11:59:11 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.9910992	1.008875	.9848749	.9863673	.9609568	2.399810
Stddev	.0089115	.015216	.0134131	.0130426	.0128317	.015072
%RSD	.8991493	1.508209	1.361913	1.322281	1.335301	.6280453

#1	.9815159	.993334	.9697965	.9720747	.9517153	2.382534
#2	.9926449	1.009548	.9893492	.9894025	.9555478	2.410266
#3	.9991366	1.023744	.9954791	.9976246	.9756074	2.406631

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4836870	.4752975	.4921212	9.732215	.4862127	.4949637
Stddev	.0007215	.0031763	.0066311	.044216	.0018937	.0072055
%RSD	.1491673	.6682679	1.347452	.4543308	.3894780	1.455774

#1	.4837796	.4751248	.4855656	9.735206	.4842452	.4881740
#2	.4829237	.4722111	.4919728	9.686578	.4863702	.4941937
#3	.4843577	.4785566	.4988253	9.774859	.4880228	.5025233

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4894456	5.069554	.4854217	5.702227	.5008447	.4816304
Stddev	.0029383	.017751	.0023994	.074349	.0062085	.0026029
%RSD	.6003269	.3501420	.4942968	1.303854	1.239609	.5404355

#1	.4883073	5.085948	.4845467	5.737707	.4953506	.4787105
#2	.4872467	5.050703	.4835826	5.616784	.4996034	.4837073
#3	.4927827	5.072011	.4881359	5.752188	.5075800	.4824735

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.504333	.4536867	.9958169	9.398912	F -.010510	2.430607
Stddev	.173962	.0032455	.0042204	.056078	.001991	.011136
%RSD	1.830348	.7153603	.4238105	.5966383	18.94605	.4581682

#1	9.685781	.4511197	.9926762	9.358186	-.012455	2.426004
#2	9.488245	.4526056	1.000614	9.462872	-.008476	2.422509
#3	9.338974	.4573347	.994160	9.375678	-.010600	2.443307

Sample Name: ICV01 Acquired: 07/15/2019 11:59:11 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	2.479938	F -.007142	2.344826	2.460009	2.412069	F -.000904
Stddev	.037745	.003830	.011438	.044185	.016733	.001007
%RSD	1.522032	53.62598	.4878071	1.796116	.6937133	111.3991

#1	2.451480	-.004114	2.342388	2.417033	2.396371	.000217
#2	2.465578	-.005864	2.334803	2.457683	2.410163	-.001198
#3	2.522756	-.011447	2.357286	2.505311	2.429673	-.001732

Elem	Sr4077
Units	ppm
Avg	F .0121389
Stddev	.0002445
%RSD	2.013893

#1	.0124196
#2	.0120243
#3	.0119728

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2100.252	3108.607	45104.63	8421.918	3438.847
Stddev	18.938	6.747	272.73	24.624	5.470
%RSD	.9017003	.2170327	.6046601	.2923851	.1590720

#1	2106.185	3102.721	45092.61	8395.065	3440.832
#2	2079.058	3107.130	44838.11	8427.249	3432.662
#3	2115.514	3115.970	45383.17	8443.441	3443.048

Sample Name: LLICV01 Acquired: 07/15/2019 12:02:48 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.0219342	.0430220	.0107299	.0208436	.0522736	.1083392	.1099259
Stddev	.0016825	.0025816	.0011434	.0045183	.0015937	.0088018	.0003834
%RSD	7.670644	6.000595	10.65644	21.67716	3.048848	8.124308	.3487320

#1	.0208989	.0411683	.0094177	.0210719	.0527707	.1184806	.1094874
#2	.0210281	.0459706	.0112597	.0252435	.0504905	.1026889	.1101974
#3	.0238755	.0419271	.0115123	.0162155	.0535595	.1038481	.1100929

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066727	.0063703	2.173250	.0114567	.0310640	.0222551	.1128161
Stddev	.0000408	.0000749	.016808	.0001051	.0000308	.0026033	.0057204
%RSD	.6122093	1.175404	.7734140	.9172400	.0992998	11.69773	5.070555

#1	.0067197	.0063081	2.185143	.0115746	.0310408	.0225999	.1161066
#2	.0066460	.0064534	2.154020	.0113731	.0310522	.0194966	.1062107
#3	.0066523	.0063493	2.180585	.0114223	.0310990	.0246689	.1161308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226849	2.115918	.0433822	.0106833	1.975768	.0387923	.0464699
Stddev	.0002592	.021231	.0000765	.0001296	.290894	.0018579	.0005532
%RSD	1.142613	1.003407	.1763617	1.212893	14.72310	4.789305	1.190519

#1	.0223885	2.101381	.0434551	.0108013	1.682588	.0377547	.0464268
#2	.0228691	2.140283	.0433889	.0105446	1.980395	.0376849	.0459395
#3	.0227972	2.106091	.0433026	.0107040	2.264322	.0409372	.0470435

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.003114	.0184124	.1113331	.2132684	.0178304	.4825948	.0430213
Stddev	.124997	.0026786	.0012873	.0003127	.0051150	.0014019	.0013834
%RSD	6.240124	14.54807	1.156241	.1466431	28.68709	.2904933	3.215549

#1	2.001533	.0160587	.1115586	.2136266	.0229313	.4812911	.0444527
#2	1.878914	.0178515	.1099480	.2130500	.0127013	.4824158	.0429194
#3	2.128893	.0213271	.1124928	.2131284	.0178587	.4840777	.0416916

Sample Name: LLICV01 Acquired: 07/15/2019 12:02:48 Type: Unk
 Method: NON EPA-6010-200.7(v119) 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	.0421613	.0219103	.0225831
Stddev	.0009027	.0012831	.0001243
%RSD	2.141085	5.855988	.5503005

#1	.0412467	.0217117	.0224505
#2	.0421854	.0232812	.0226019
#3	.0430517	.0207382	.0226969

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2097.854	3104.643	44890.70	8425.871	3451.939
Stddev	5.544	4.063	320.67	26.209	3.192
%RSD	.2642606	.1308581	.7143424	.3110584	.0924829

#1	2091.609	3107.396	44548.71	8449.200	3449.690
#2	2099.760	3106.556	44938.73	8430.903	3450.535
#3	2102.193	3099.977	45184.64	8397.511	3455.593

Sample Name: ICB01 Acquired: 07/15/2019 12:06:40 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	-.000319	-.000130	-.001231	.0025527	.0003724	-.004296	.0001441
Stddev	.002934	.001803	.001738	.0028652	.0007701	.013161	.0000663
%RSD	919.0068	1386.528	141.1711	112.2422	206.7814	306.3234	45.97492

#1	-.000235	-.002179	.000628	.0039198	.0012615	.007665	.0001871
#2	-.003294	.001211	-.002815	-.000740	-.000087	-.018395	.0001775
#3	.002571	.000578	-.001505	.004478	-.000057	-.002159	.0000678

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001293	-.000104	.0083864	.0003543	-.000091	-.000810	.0079798
Stddev	.0000654	.000142	.0091345	.0002964	.000284	.001186	.0069477
%RSD	50.58068	136.8068	108.9200	83.65709	313.2312	146.4962	87.06597

#1	.0001442	-.000074	-.001860	.0002611	.000090	-.001493	.0026699
#2	.0001858	.000021	.015676	.0001157	-.000418	.000560	.0158428
#3	.0000577	-.000258	.011343	.0006860	.000056	-.001496	.0054266

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000052	.0010047	-.000387	.0001220	-.154245	.0008281	-.000649
Stddev	.000179	.0203750	.000102	.0003005	.426753	.0015779	.000186
%RSD	342.5249	2028.041	26.25288	246.3625	276.6722	190.5383	28.65363

#1	.000047	.0081155	-.000502	-.000220	-.064599	.0026489	-.000863
#2	-.000259	.0168713	-.000309	.000346	-.618699	-.000141	-.000555
#3	.000055	-.021973	-.000350	.000240	.220564	-.000024	-.000529

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.086748	-.004133	-.001172	-.000277	-.005891	.0015130	-.000379
Stddev	.032755	.004507	.000603	.000181	.006839	.0009952	.000984
%RSD	37.75893	109.0493	51.39889	65.33833	116.0997	65.77937	259.7809

#1	-.083924	-.009203	-.000708	-.000476	-.001117	.0026288	-.000806
#2	-.120824	-.002611	-.000955	-.000234	-.013726	.0007169	-.001078
#3	-.055497	-.000583	-.001853	-.000121	-.002830	.0011933	.000747

Sample Name: ICB01 Acquired: 07/15/2019 12:06:40 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.0007106	-.003685	-.000014
Stddev	.0000852	.001721	.000038
%RSD	11.98491	46.69333	265.7915

#1	.0007997	-.003613	.000025
#2	.0006300	-.002001	-.000050
#3	.0007021	-.005440	-.000018

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2113.516	3093.534	45243.42	8352.797	3415.115
Stddev	8.477	6.588	174.88	59.446	3.775
%RSD	.4011065	.2129759	.3865269	.7116949	.1105412

#1	2115.456	3089.485	45240.54	8296.450	3413.487
#2	2120.855	3089.981	45419.73	8414.921	3412.427
#3	2104.236	3101.137	45070.01	8347.020	3419.431

Sample Name: CRI01 Acquired: 07/15/2019 12:10:31 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.0236359	.0398910	.0113858	.0181895	.0526347	.1055026	.1099681
Stddev	.0016761	.0017218	.0024204	.0006556	.0011874	.0100183	.0007812
%RSD	7.091507	4.316224	21.25811	3.604258	2.255920	9.495779	.7104046

#1	.0219856	.0379896	.0085971	.0175116	.0515686	.1131644	.1101778
#2	.0253368	.0403386	.0126189	.0182365	.0539144	.0941658	.1091034
#3	.0235855	.0413448	.0129413	.0188203	.0524211	.1091776	.1106230

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066847	.0062359	2.155806	.0113768	.0307877	.0233186	.1222835
Stddev	.0000978	.0000673	.012276	.0008430	.0001710	.0009115	.0016799
%RSD	1.462618	1.079859	.5694370	7.409831	.5552514	3.908965	1.373757

#1	.0067976	.0062855	2.156328	.0119845	.0309640	.0234230	.1241854
#2	.0066303	.0061593	2.167813	.0117316	.0306227	.0223593	.1210023
#3	.0066263	.0062630	2.143277	.0104144	.0307765	.0241734	.1216628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224654	2.140022	.0433958	.0106586	2.190144	.0372531	.0465979
Stddev	.0002283	.015800	.0008546	.0009356	.364612	.0021948	.0003607
%RSD	1.016374	.7382958	1.969252	8.777674	16.64788	5.891563	.7741539

#1	.0226438	2.150144	.0430725	.0115289	1.797003	.0376899	.0467914
#2	.0225443	2.121816	.0427501	.0096691	2.256245	.0391966	.0468205
#3	.0222081	2.148105	.0443649	.0107779	2.517184	.0348727	.0461817

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.050687	.0174249	.1026735	.2128635	.0150570	.4731116	.0403101
Stddev	.032520	.0015598	.0006592	.0003596	.0012714	.0010457	.0008728
%RSD	1.585796	8.951372	.6420218	.1689358	8.444091	.2210319	2.165195

#1	2.085895	.0189807	.1034314	.2124483	.0142794	.4732727	.0409790
#2	2.044387	.0158612	.1022328	.2130678	.0143675	.4740675	.0406284
#3	2.021778	.0174330	.1023565	.2130746	.0165243	.4719947	.0393228

Sample Name: CRI01 Acquired: 07/15/2019 12:10:31 Type: Unk
 Method: NON EPA-6010-200.7(v119) 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	.0428200	.0180232	.0226368
Stddev	.0003310	.0010686	.0000882
%RSD	.7730178	5.929021	.3897248

#1	.0431652	.0187605	.0225549
#2	.0425053	.0167977	.0227302
#3	.0427895	.0185114	.0226253

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2100.903	3104.223	45076.41	8351.354	3457.736
Stddev	8.760	4.616	45.34	27.724	8.382
%RSD	.4169849	.1486929	.1005774	.3319714	.2423994

#1	2108.748	3101.623	45120.33	8319.367	3448.131
#2	2091.450	3109.552	45029.77	8366.230	3463.571
#3	2102.512	3101.493	45079.12	8368.465	3461.506

Sample Name: ICSA01 Acquired: 07/15/2019 12:14:23 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.0099720	-.006472	.0002930	.0011106	.0068777	274.2035
Stddev	.0031494	.002219	.0001148	.0041076	.0026809	.6384
%RSD	31.58281	34.28774	39.16884	369.8474	38.97911	.2328128

#1	.0116607	-.008990	.0003557	.0022665	.0039247	273.5163
#2	.0119169	-.004800	.0001605	-.003451	.0091585	274.3161
#3	.0063383	-.005626	.0003627	.004516	.0075500	274.7781

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067205	.0010586	.0002786	261.9717	.0538997	.0002133
Stddev	.0006778	.0001770	.0002000	.1936	.0009141	.0002296
%RSD	10.08628	16.71641	71.78662	.0739154	1.695982	107.6240

#1	.0073328	.0009277	.0002183	261.7763	.0533410	.0004661
#2	.0059921	.0012599	.0001157	261.9751	.0549547	.0000180
#3	.0068365	.0009883	.0005018	262.1636	.0534035	.0001558

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157963	107.8551	.0149493	275.3746	.0013875	-.001412
Stddev	.0024432	.4029	.0000852	1.2032	.0002349	.000464
%RSD	15.46708	.3735537	.5702907	.4369324	16.92986	32.83526

#1	.0186087	107.5597	.0149802	274.2654	.0011936	-.001515
#2	.0141975	107.6916	.0150147	275.2049	.0013202	-.000905
#3	.0145826	108.3141	.0148529	276.6537	.0016487	-.001815

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3906993	.0035376	.0010141	-.239057	-.008664	-.051465
Stddev	.2842971	.0012981	.0003265	.019341	.003873	.001270
%RSD	72.76622	36.69560	32.19968	8.090446	44.70651	2.467186

#1	.0751312	.0050191	.0010108	-.241216	-.004243	-.052925
#2	.4701415	.0025995	.0006892	-.218727	-.011460	-.050625
#3	.6268251	.0029941	.0013422	-.257228	-.010289	-.050843

Sample Name: ICSA01 Acquired: 07/15/2019 12:14:23 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.0021044	-.003042	-.003820	-.003363	-.002851	W -.002101
Stddev	.0007482	.001925	.000957	.002295	.001533	.002311
%RSD	35.55248	63.29397	25.06512	68.25533	53.78338	110.0072

#1	.0020505	-.001655	-.004019	-.003076	-.003944	-.001861
#2	.0013846	-.005240	-.002778	-.005788	-.003510	-.004523
#3	.0028780	-.002230	-.004662	-.001224	-.001098	.000081

Elem	Sr4077
Units	ppm
Avg	F .1096841
Stddev	.0004607
%RSD	.4199959

#1	.1099178
#2	.1091534
#3	.1099811

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1984.472	2935.744	42789.03	8304.362	3100.996
Stddev	21.952	5.573	195.22	38.962	4.410
%RSD	1.106173	.1898330	.4562377	.4691700	.1422197

#1	1972.456	2933.616	42856.94	8272.639	3097.560
#2	2009.809	2942.068	42941.22	8347.850	3105.969
#3	1971.152	2931.549	42568.92	8292.596	3099.459

Sample Name: ICSAB01 Acquired: 07/15/2019 12:18:13 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.1087006	.1152149	.0571672	.0560937	.6230082	274.1974
Stddev	.0061039	.0008935	.0019834	.0012800	.0025292	2.4300
%RSD	5.615334	.7754975	3.469455	2.281809	.4059704	.8862146

#1	.1038593	.1156476	.0562905	.0574664	.6238748	271.9796
#2	.1066851	.1141875	.0557733	.0549330	.6201596	273.8177
#3	.1155573	.1158097	.0594379	.0558817	.6249903	276.7948

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5457144	.5267026	1.049921	262.7877	.5854941	.5345801
Stddev	.0024245	.0093696	.001051	1.4330	.0014452	.0014939
%RSD	.4442767	1.778925	.1001278	.5452919	.2468426	.2794604

#1	.5430185	.5159066	1.049508	261.5754	.5838349	.5353725
#2	.5464091	.5314892	1.049139	262.4187	.5861684	.5328569
#3	.5477158	.5327122	1.051116	264.3691	.5864790	.5355110

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5486457	107.7665	.5475868	275.6879	1.059082	.2238454
Stddev	.0071464	.6967	.0029764	2.1095	.002800	.0026802
%RSD	1.302558	.6464967	.5435457	.7651852	.2643808	1.197368

#1	.5434053	107.1764	.5449892	273.9348	1.058430	.2257028
#2	.5457454	107.5880	.5469368	275.0999	1.056665	.2207728
#3	.5567863	108.5351	.5508345	278.0290	1.062150	.2250607

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1648541	.5297938	1.087996	-.273406	F -.018477	1.009138
Stddev	.2042242	.0056583	.001113	.069237	.003442	.012959
%RSD	123.8818	1.068027	.1022983	25.32394	18.62596	1.284125

#1	.2308748	.5281114	1.086924	-.323363	-.018223	.994363
#2	.3279010	.5251675	1.087918	-.302483	-.015169	1.014476
#3	-.064214	.5361025	1.089146	-.194372	-.022038	1.018575

Sample Name: ICSAB01 Acquired: 07/15/2019 12:18:13 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.033499	F -.006537	.9835249	1.073561	1.037823	F -.002523
Stddev	.002733	.013703	.0167185	.001920	.006068	.002058
%RSD	.2644886	209.6114	1.699859	.1787970	.5847330	81.54687

#1	1.031994	-.022156	.9645609	1.074650	1.032244	-.003103
#2	1.031848	-.000921	.9898790	1.074689	1.036940	-.000238
#3	1.036654	.003465	.9961349	1.071345	1.044285	-.004229

Elem	Sr4077
Units	ppm
Avg	F .1097537
Stddev	.0005740
%RSD	.5229649

#1	.1090986
#2	.1099938
#3	.1101685

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2011.304	2953.079	43267.43	8330.446	3092.276
Stddev	30.994	8.198	525.69	59.366	7.772
%RSD	1.540979	.2775936	1.214989	.7126428	.2513432

#1	1977.668	2956.342	42692.73	8382.765	3094.816
#2	2038.708	2959.142	43724.02	8342.647	3098.461
#3	2017.537	2943.752	43385.53	8265.928	3083.552

Sample Name: CCV01 Acquired: 07/15/2019 12:21:51 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	5.030409	5.025304	5.030914	5.041805	5.008002	9.964393	10.15888
Stddev	.012247	.008683	.008809	.013161	.009540	.111922	.04989
%RSD	.2434534	.1727859	.1750937	.2610292	.1905021	1.123219	.4910967

#1	5.017709	5.020952	5.031851	5.029993	5.000364	9.835319	10.10456
#2	5.031371	5.035303	5.021674	5.039432	5.004947	10.03454	10.20265
#3	5.042145	5.019659	5.039216	5.055991	5.018696	10.02332	10.16943

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2471855	2.499757	25.17386	1.003870	2.495216	1.259278	5.028279
Stddev	.0016568	.002129	.13157	.000755	.001949	.023743	.037693
%RSD	.6702502	.0851749	.5226370	.0751816	.0781056	1.885442	.7496255

#1	.2452970	2.501699	25.04045	1.003017	2.494423	1.231886	4.987665
#2	.2483943	2.497480	25.30351	1.004145	2.493788	1.273958	5.062137
#3	.2478652	2.500091	25.17764	1.004449	2.497436	1.271991	5.035036

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.530176	24.96507	2.498619	1.278238	24.67825	2.488879	2.543036
Stddev	.025023	.23197	.002542	.006852	.31216	.030282	.002802
%RSD	.9889767	.9291591	.1017428	.5360278	1.264902	1.216691	.1101762

#1	2.503051	24.70886	2.500436	1.277611	24.89994	2.455189	2.539871
#2	2.552360	25.16082	2.495714	1.285382	24.32127	2.513831	2.545200
#3	2.535115	25.02552	2.499707	1.271721	24.81354	2.497618	2.544037

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.74988	5.025039	5.003655	4.978566	5.000884	4.957562	4.974043
Stddev	.48959	.019433	.033091	.007307	.002905	.041693	.006435
%RSD	1.978156	.3867136	.6613283	.1467699	.0580965	.8410029	.1293642

#1	24.18615	5.012322	4.976053	4.971614	4.998511	4.911732	4.968412
#2	25.06857	5.047408	5.040338	4.977903	5.000016	4.993245	4.972660
#3	24.99492	5.015387	4.994574	4.986182	5.004124	4.967710	4.981057

Sample Name: CCV01 Acquired: 07/15/2019 12:21:51 Type: Unk
 Method: NON EPA-6010-200.7(v119) 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	5.031973	4.986784	5.173281
Stddev	.022772	.014601	.068832
%RSD	.4525547	.2928036	1.330522

#1	5.050009	4.978889	5.120125
#2	5.039527	5.003633	5.251031
#3	5.006384	4.977830	5.148686

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2077.218	3076.676	44511.10	8427.568	3356.714
Stddev	12.540	2.744	325.22	69.952	4.379
%RSD	.6036791	.0892002	.7306438	.8300373	.1304631

#1	2079.418	3073.646	44641.36	8468.835	3351.660
#2	2063.723	3078.994	44140.94	8346.801	3359.084
#3	2088.512	3077.389	44750.99	8467.069	3359.398

Sample Name: LLCCV01 Acquired: 07/15/2019 12:32:37 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.0234050	.0423383	.0112782	.0220002	.0514702	.1192878	.1120080
Stddev	.0016176	.0010626	.0005480	.0012261	.0012228	.0105400	.0005717
%RSD	6.911398	2.509709	4.859055	5.572928	2.375688	8.835784	.5104334

#1	.0227066	.0413543	.0114609	.0229065	.0503149	.1276610	.1117252
#2	.0222539	.0421955	.0106622	.0224891	.0513449	.1074521	.1116328
#3	.0252545	.0434650	.0117116	.0206052	.0527508	.1227503	.1126660

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067418	.0064764	2.190020	.0110069	.0315871	.0224579	.1124753
Stddev	.0000539	.0000712	.023090	.0001438	.0000707	.0024130	.0051032
%RSD	.7989416	1.098779	1.054309	1.306443	.2238154	10.74432	4.537193

#1	.0066914	.0065433	2.212299	.0110840	.0315055	.0240475	.1086984
#2	.0067985	.0064842	2.166197	.0110956	.0316291	.0236448	.1182809
#3	.0067354	.0064016	2.191564	.0108410	.0316268	.0196814	.1104466

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224633	2.152128	.0435348	.0112759	1.822658	.0406627	.0438223
Stddev	.0001143	.044166	.0006287	.0003390	.182578	.0036222	.0003454
%RSD	.5090015	2.052184	1.444132	3.006608	10.01712	8.908014	.7881285

#1	.0225138	2.130812	.0436132	.0116227	1.877021	.0380951	.0442211
#2	.0225436	2.122663	.0428706	.0112595	1.971879	.0448059	.0436177
#3	.0223324	2.202908	.0441206	.0109453	1.619073	.0390871	.0436282

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.974081	.0179205	.1019451	.2137227	.0151332	.4004627	.0413854
Stddev	.078331	.0010214	.0017398	.0013687	.0084767	.0030784	.0008476
%RSD	3.967950	5.699531	1.706643	.6403999	56.01437	.7687181	2.048022

#1	2.028704	.0170225	.1038454	.2152744	.0062457	.4025612	.0404353
#2	2.009203	.0177073	.1015596	.2126871	.0160251	.3969287	.0416570
#3	1.884337	.0190316	.1004304	.2132066	.0231286	.4018982	.0420639

Sample Name: LLCCV01 Acquired: 07/15/2019 12:32:37 Type: Unk
 Method: NON EPA-6010-200.7(v119) 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	.0442351	.0192648	.0229544
Stddev	.0002343	.0009847	.0002740
%RSD	.5296581	5.111173	1.193690

#1	.0443939	.0183266	.0226811
#2	.0439660	.0202901	.0232291
#3	.0443454	.0191778	.0229530

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2080.063	3107.930	44705.84	8398.676	3427.966
Stddev	3.844	10.289	74.05	34.360	7.776
%RSD	.1847919	.3310489	.1656377	.4091163	.2268473

#1	2076.255	3096.180	44650.15	8360.784	3424.415
#2	2083.941	3115.328	44789.87	8407.437	3436.883
#3	2079.994	3112.282	44677.49	8427.809	3422.598

Sample Name: CCB01 Acquired: 07/15/2019 12:37:36 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.0019475	.0008915	-.000245	.0025171	-.002049	-.013664	.0000822
Stddev	.0021418	.0031942	.001056	.0002324	.000968	.000657	.0004549
%RSD	109.9761	358.3107	430.1522	9.230834	47.24723	4.809788	553.0676

#1	.0026150	.0030646	-.000696	.0027359	-.001950	-.014348	-.000293
#2	.0036762	.0023858	.000961	.0022733	-.001135	-.013037	.000588
#3	-.000449	-.002776	-.001001	.0025421	-.003064	-.013609	-.000049

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001488	-.000058	.0022127	.0002114	-.000062	.0013580	.0024025
Stddev	.0000109	.000034	.0234740	.0002114	.000079	.0027904	.0048450
%RSD	7.309099	59.41226	1060.861	100.0108	127.0065	205.4841	201.6623

#1	.0001371	-.000040	.0096881	.0002830	.000005	.0039014	.0075892
#2	.0001586	-.000036	.0210387	.0003778	-.000042	-.001627	.0016249
#3	.0001506	-.000097	-.024089	-.000027	-.000149	.001799	-.002007

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000272	-.010500	.0000854	-.000029	-.112214	.0009856	-.001117
Stddev	.0004545	.052051	.0003744	.000275	.291190	.0032633	.000277
%RSD	1669.540	495.7351	438.2178	932.5948	259.4958	331.0842	24.76344

#1	.0005376	.049341	.0003424	.000117	-.271685	.0043314	-.000970
#2	-.000334	-.035563	.0002580	.000141	-.288835	.0008139	-.000945
#3	-.000122	-.045277	-.000344	-.000346	.223878	-.002188	-.001436

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.167944	-.004466	-.008692	-.000056	-.002749	-.003128	-.000596
Stddev	.157986	.002771	.000152	.000182	.003358	.000961	.000825
%RSD	94.07077	62.04433	1.748626	324.7461	122.1660	30.73540	138.5491

#1	-.292776	-.007600	-.008559	-.000267	-.005263	-.004212	-.000690
#2	-.220732	-.002338	-.008659	.000050	-.004049	-.002379	.000273
#3	.009678	-.003462	-.008858	.000048	.001065	-.002792	-.001370

Sample Name: CCB01 Acquired: 07/15/2019 12:37:36 Type: Unk
 Method: NON EPA-6010-200.7(v119) 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	-.000170	-.006094	-.000113
Stddev	.000649	.000798	.000090
%RSD	380.8861	13.09704	79.84899

#1	.000236	-.006138	-.000179
#2	.000172	-.005275	-.000010
#3	-.000918	-.006870	-.000150

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2077.794	3099.733	44414.46	8280.534	3391.505
Stddev	13.864	5.749	282.41	4.966	5.176
%RSD	.6672335	.1854515	.6358507	.0599714	.1526121

#1	2063.657	3098.037	44088.36	8285.520	3386.319
#2	2078.356	3106.139	44576.83	8275.588	3396.671
#3	2091.368	3095.024	44578.19	8280.493	3391.525

Sample Name: LR CHECK 1 Acquired: 07/15/2019 12:41:38 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	-.021801	-.076304	.0200745	.0104612	.0543220	2032.562	.0059760
Stddev	.006219	.003408	.0044563	.0014975	.0026134	27.474	.0007166
%RSD	28.52714	4.466962	22.19881	14.31476	4.811001	1.351706	11.99140

#1	-.023879	-.075679	.0149347	.0094122	.0537389	2010.178	.0056659
#2	-.026716	-.079981	.0224323	.0097952	.0520494	2063.223	.0054666
#3	-.014809	-.073251	.0228566	.0121762	.0571777	2024.284	.0067954

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070346	.0032527	1815.426	.0090187	.0688982	.1472501	932.6320
Stddev	.0000917	.0005643	4.585	.0005326	.0008359	.0017911	3.1313
%RSD	1.304083	17.34759	.2525367	5.905021	1.213218	1.216362	.3357510

#1	.0069301	.0034584	1813.245	.0088502	.0694829	.1464012	930.1187
#2	.0071015	.0026144	1820.694	.0085908	.0692708	.1493079	936.1398
#3	.0070723	.0036852	1812.338	.0096151	.0679408	.1460414	931.6375

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006895	1910.906	.0884335	-.022852	1911.877	.0119500	.1288543
Stddev	.000472	6.771	.0002855	.000415	7.411	.0021304	.0019560
%RSD	6.840292	.3543122	.3227822	1.816394	.3876475	17.82800	1.517956

#1	-.006350	1905.550	.0881120	-.022384	1909.167	.0098985	.1311091
#2	-.007154	1918.516	.0885310	-.023175	1920.262	.0118001	.1278389
#3	-.007180	1908.653	.0886574	-.022997	1906.203	.0141515	.1276148

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1095.115	-.039372	-.576487	.0067820	.1292763	-.009401	.0060137
Stddev	8.580	.010456	.018270	.0002725	.0229763	.000672	.0039789
%RSD	.7834799	26.55631	3.169226	4.018702	17.77299	7.152797	66.16463

#1	1087.156	-.031171	-.592193	.0066060	.1159729	-.010169	.0014424
#2	1104.204	-.051146	-.580832	.0070959	.1160491	-.008919	.0078999
#3	1093.985	-.035799	-.556436	.0066440	.1558070	-.009114	.0086987

Sample Name: LR CHECK 1 Acquired: 07/15/2019 12:41:38 Type: Unk
 Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.058567	.0188076	.0153068
Stddev	.000449	.0013142	.0001938
%RSD	.7658506	6.987703	1.266243

#1	-.058183	.0176763	.0155145
#2	-.059060	.0184973	.0152753
#3	-.058458	.0202492	.0151307

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1729.108	2573.079	37270.31	7663.040	2308.298
Stddev	8.083	2.381	178.89	32.503	.026
%RSD	.4674487	.0925544	.4799869	.4241537	.0011387

#1	1719.956	2571.807	37088.18	7676.127	2308.307
#2	1735.268	2575.827	37276.97	7626.034	2308.319
#3	1732.102	2571.604	37445.77	7686.960	2308.269

Sample Name: LR CHECK 2 Acquired: 07/15/2019 12:45:41 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.0040289	.0190288	262.9015	.0022737	-.018353	.4782418	103.6950
Stddev	.0020708	.0013534	1.5854	.0042903	.002491	.0143514	1.9294
%RSD	51.39825	7.112261	.6030448	188.6959	13.57252	3.000863	1.860681

#1	.0027200	.0176233	261.6232	-.001725	-.020276	.4681912	101.9182
#2	.0029504	.0203232	262.4058	.001740	-.015539	.4718566	103.4192
#3	.0064164	.0191399	264.6755	.006806	-.019245	.4946777	105.7474

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003024	.0006294	.6657210	-.161433	-.000693	264.0691	-.376323
Stddev	.000097	.0001797	.0328746	.002886	.000621	4.7572	.022308
%RSD	3.222114	28.54942	4.938187	1.787878	89.55842	1.801483	5.927860

#1	-.002935	.0008057	.6745416	-.158860	.000007	260.1013	-.376742
#2	-.003128	.0006360	.6293360	-.164554	-.001177	269.3428	-.398419
#3	-.003010	.0004465	.6932854	-.160884	-.000909	262.7631	-.353809

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.69249	.1479991	53.15939	-.000904	1.215076	-.029928	31.59809
Stddev	.14684	.0546059	.17725	.000378	.367473	.003897	.09862
%RSD	.3608419	36.89609	.3334374	41.84554	30.24279	13.01989	.3121018

#1	40.52301	.0990639	53.17916	-.001264	1.632144	-.033173	31.68390
#2	40.77313	.1380311	52.97308	-.000937	.938891	-.025606	31.49036
#3	40.78134	.2069023	53.32593	-.000510	1.074191	-.031004	31.62001

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.143375	-3.97624	-.013763	-.040280	-.584840	.0035906	-.005513
Stddev	.021226	.05004	.000589	.000670	.006403	.0007070	.001491
%RSD	14.80448	1.258511	4.277119	1.664004	1.094749	19.68927	27.03977

#1	-.163648	-3.91921	-.014403	-.040078	-.581034	.0040328	-.006850
#2	-.121310	-3.99667	-.013244	-.041028	-.581255	.0039637	-.003905
#3	-.145168	-4.01283	-.013644	-.039733	-.592232	.0027752	-.005785

Sample Name: LR CHECK 2 Acquired: 07/15/2019 12:45:41 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.022070	-.007537	.0003583
Stddev	.000912	.002429	.0000951
%RSD	4.131966	32.22254	26.54265

#1	-.021104	-.004953	.0002642
#2	-.022916	-.007886	.0004544
#3	-.022191	-.009773	.0003563

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2085.651	3102.428	46985.60	8713.244	3553.390
Stddev	16.176	12.500	85.13	12.202	6.770
%RSD	.7755763	.4029010	.1811812	.1400384	.1905282

#1	2094.234	3088.345	46983.38	8699.591	3552.300
#2	2095.726	3112.207	47071.81	8717.060	3560.639
#3	2066.992	3106.731	46901.60	8723.082	3547.230

Sample Name: PB121381BS Acquired: 07/15/2019 12:50:05 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.7748527	2.039510	1.047420	1.721233	.8137249	2.165171
Stddev	.0042653	.004181	.001290	.004543	.0009564	.019637
%RSD	.5504631	.2049952	.1232027	.2639324	.1175286	.9069303

#1	.7701455	2.037676	1.048767	1.722317	.8132863	2.186923
#2	.7759520	2.036558	1.047298	1.716246	.8148219	2.159837
#3	.7784608	2.044294	1.046195	1.725136	.8130666	2.148752

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2220732	.1941382	.2048195	1.147795	.4319362	.2116859
Stddev	.0012150	.0021415	.0003105	.005479	.0017049	.0002732
%RSD	.5470973	1.103090	.1516218	.4773599	.3947171	.1290542

#1	.2234706	.1960955	.2047380	1.154012	.4325255	.2114930
#2	.2212669	.1918508	.2045579	1.145703	.4300148	.2115662
#3	.2214821	.1944682	.2051627	1.143670	.4332683	.2119985

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3414739	3.403119	.2230939	2.124837	.5317590	.0785029
Stddev	.0052066	.011502	.0017298	.050329	.0005520	.0008767
%RSD	1.524735	.3379943	.7753511	2.368589	.1038081	1.116796

#1	.3474821	3.404245	.2243347	2.128643	.5312387	.0775436
#2	.3382841	3.391096	.2211180	2.072713	.5323381	.0792626
#3	.3386555	3.414018	.2238291	2.173154	.5317004	.0787024

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.223502	.3257836	F .2331795	10.53765	5.986629	.2836182
Stddev	.228204	.0040535	.0013745	.06066	.004523	.0029019
%RSD	7.079374	1.244223	.5894439	.5756602	.0755444	1.023165

#1	3.002506	.3212127	.2339331	10.48726	5.981790	.2864921
#2	3.458288	.3271968	.2340124	10.52071	5.987348	.2806891
#3	3.209713	.3289413	.2315931	10.60498	5.990749	.2836733

Sample Name: PB121381BS Acquired: 07/15/2019 12:50:05 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.4218674	-.010076	.8842604	.7286265	.2127002	.2278106
Stddev	.0018659	.002889	.0142028	.0008746	.0030815	.0021450
%RSD	.4423035	28.66954	1.606178	.1200282	1.448764	.9415917

#1	.4200975	-.009315	.8977838	.7296248	.2091435	.2257589
#2	.4238165	-.007644	.8694639	.7282593	.2143884	.2276349
#3	.4216882	-.013269	.8855335	.7279955	.2145687	.2300382

Elem	Sr4077
Units	ppm
Avg	.2254692
Stddev	.0014929
%RSD	.6621063

#1	.2238791
#2	.2256878
#3	.2268407

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2065.679	3087.009	44802.83	8558.177	3422.752
Stddev	10.806	7.158	240.83	59.185	6.955
%RSD	.5231007	.2318815	.5375267	.6915609	.2031932

#1	2075.789	3080.089	44985.04	8508.968	3414.858
#2	2054.291	3086.555	44529.80	8623.851	3425.421
#3	2066.956	3094.384	44893.66	8541.711	3427.977

Sample Name: PB121380BS Acquired: 07/15/2019 12:53:49 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.7580528	1.993379	1.036167	F 1.619039	.7886031	2.098325
Stddev	.0042209	.002069	.005624	.005445	.0034220	.017680
%RSD	.5568109	.1037784	.5428006	.3362907	.4339287	.8425534

#1	.7596953	1.995750	1.041787	1.623933	.7925415	2.078039
#2	.7612055	1.991943	1.030538	1.613174	.7863570	2.110450
#3	.7532575	1.992443	1.036175	1.620011	.7869109	2.106486

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2226989	.1903421	.2007968	1.121669	.4282404	.2085856
Stddev	.0006306	.0013478	.0002310	.008558	.0011969	.0006860
%RSD	.2831634	.7081127	.1150302	.7630119	.2794916	.3288904

#1	.2221436	.1887963	.2009344	1.117888	.4277241	.2089616
#2	.2225687	.1912717	.2005301	1.131467	.4296088	.2090013
#3	.2233845	.1909583	.2009258	1.115652	.4273883	.2077938

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3430914	3.368839	.2217014	2.059082	.5264509	.0769304
Stddev	.0027985	.041207	.0017978	.058878	.0012422	.0003832
%RSD	.8156747	1.223183	.8109307	2.859418	.2359500	.4980744

#1	.3402549	3.321260	.2196838	2.010478	.5266464	.0767907
#2	.3431692	3.393094	.2231335	2.124552	.5251226	.0773639
#3	.3458503	3.392163	.2222869	2.042215	.5275838	.0766367

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.569487	.3228300	.2255002	10.12516	5.805696	.2791975
Stddev	.269997	.0033248	.0002550	.10191	.019023	.0028197
%RSD	10.50783	1.029884	.1130867	1.006503	.3276552	1.009917

#1	2.347544	.3224054	.2252087	10.00912	5.816757	.2760414
#2	2.490842	.3263467	.2256819	10.20013	5.783731	.2800827
#3	2.870076	.3197379	.2256101	10.16622	5.816601	.2814683

Sample Name: PB121380BS Acquired: 07/15/2019 12:53:49 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.4131587	-.015161	.8663544	.7129810	.2096748	.2213594
Stddev	.0011828	.000490	.0018490	.0023725	.0008587	.0033719
%RSD	.2862723	3.229991	.2134244	.3327523	.4095342	1.523290

#1	.4127389	-.015674	.8644036	.7117650	.2106656	.2175228
#2	.4122431	-.014699	.8665785	.7114630	.2091460	.2238523
#3	.4144941	-.015109	.8680811	.7157149	.2092129	.2227032

Elem	Sr4077
Units	ppm
Avg	.2230254
Stddev	.0012522
%RSD	.5614391

#1	.2216061
#2	.2234962
#3	.2239740

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2065.273	3082.932	44992.98	8532.647	3417.870
Stddev	4.903	4.677	70.57	30.782	6.345
%RSD	.2373870	.1517058	.1568548	.3607499	.1856431

#1	2068.498	3077.676	45048.64	8553.487	3410.987
#2	2067.689	3086.635	45016.69	8547.162	3423.485
#3	2059.631	3084.485	44913.60	8497.292	3419.140

Sample Name: K3788-01 Acquired: 07/15/2019 13:01:21 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 2056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124832	.0031283	.0079148	-.002684	-.001258	.0759220
Stddev	.0006702	.0016412	.0017828	.002540	.000365	.0096668
%RSD	5.368886	52.46209	22.52489	94.63816	29.02337	12.73251

#1	.0128571	.0022858	.0067217	-.004119	-.001471	.0863864
#2	.0128830	.0050197	.0099642	.000249	-.000837	.0673254
#3	.0117094	.0020796	.0070585	-.004181	-.001467	.0740541

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1682402	.0002732	-.000136	134.4951	.0021162	-.000490
Stddev	.0004787	.0000767	.000147	.5080	.0008724	.000548
%RSD	.2845336	28.08574	108.1081	.3777261	41.22409	111.7009

#1	.1682247	.0001847	.000034	135.0763	.0025342	-.000504
#2	.1687265	.0003202	-.000224	134.1353	.0011135	.000064
#3	.1677695	.0003147	-.000217	134.2739	.0027009	-.001031

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053151	2.646405	.3084255	450.9055	.0063846	.0002324
Stddev	.0022525	.032839	.0012568	2.7371	.0005289	.0004076
%RSD	42.37945	1.240904	.4074966	.6070338	8.283604	175.3803

#1	.0035247	2.684225	.3097892	453.9907	.0069190	-.000104
#2	.0078442	2.629869	.3073137	449.9569	.0058614	.000686
#3	.0045764	2.625120	.3081737	448.7688	.0063734	.000115

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3549.719	.0008575	.0402986	231.2840	.0169821	1.559594
Stddev	19.963	.0009671	.0009702	2.2712	.0025767	.029067
%RSD	.5623922	112.7860	2.407394	.9819794	15.17316	1.863737

#1	3572.669	.0016795	.0410838	233.7932	.0141948	1.592425
#2	3540.120	-.000208	.0392141	230.6897	.0192773	1.537140
#3	3536.369	.001101	.0405978	229.3691	.0174742	1.549217

Sample Name: K3788-01 Acquired: 07/15/2019 13:01:21 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 2056 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059330	432.1783	2.275509	-.006542	-.002288	.0993837
Stddev	.0001376	1.6636	.051937	.001008	.001098	.0005320
%RSD	2.319378	.3849390	2.282418	15.41402	48.00285	.5353270

#1	.0058056	430.4742	2.335464	-.007160	-.002320	.0994699
#2	.0059144	432.2625	2.244302	-.005378	-.001174	.0988138
#3	.0060789	433.7983	2.246762	-.007087	-.003370	.0998673

Elem	Sr4077
Units	ppm
Avg	2.040875
Stddev	.005170
%RSD	.2533091

#1	2.041321
#2	2.035497
#3	2.045808

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2022.517	2969.043	42390.97	8433.387	2853.548
Stddev	25.228	13.281	156.50	99.980	11.761
%RSD	1.247340	.4473083	.3691739	1.185528	.4121426

#1	2050.837	2975.285	42568.54	8318.108	2860.766
#2	2014.269	2978.053	42331.21	8485.641	2859.901
#3	2002.447	2953.791	42273.16	8496.412	2839.978

Sample Name: K3788-01DUP Acquired: 07/15/2019 13:05:08 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 2056DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114579	.0037544	.0080947	-.003535	-.002741	.0745302
Stddev	.0033231	.0011300	.0030603	.004822	.000158	.0099456
%RSD	29.00230	30.09694	37.80658	136.4211	5.766832	13.34444

#1	.0076225	.0031418	.0116281	-.007804	-.002622	.0651020
#2	.0134759	.0030630	.0063707	-.004495	-.002681	.0849230
#3	.0132753	.0050583	.0062853	.001695	-.002921	.0735655

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1667950	.0003846	-.000182	132.7747	.0019888	-.000038
Stddev	.0014588	.0000854	.000054	1.0327	.0002328	.000151
%RSD	.8745763	22.21266	29.81077	.7777741	11.70561	394.0782

#1	.1651164	.0003236	-.000149	131.5878	.0020983	-.000097
#2	.1677559	.0004822	-.000153	133.2688	.0017215	-.000151
#3	.1675125	.0003480	-.000244	133.4676	.0021467	.000133

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031960	2.615563	.3050094	443.8158	.0062024	-.000752
Stddev	.0016545	.020689	.0026831	2.9533	.0002011	.000155
%RSD	51.76703	.7910063	.8796806	.6654273	3.241434	20.65942

#1	.0045600	2.593209	.3022607	440.4154	.0064302	-.000573
#2	.0013556	2.634039	.3051458	445.7393	.0061270	-.000838
#3	.0036724	2.619442	.3076217	445.2927	.0060499	-.000845

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3500.892	.0011433	.0398014	228.6631	.0159318	1.522955
Stddev	25.633	.0022146	.0005328	1.2055	.0052305	.002296
%RSD	.7321865	193.7095	1.338556	.5271826	32.83091	.1507872

#1	3471.828	-.001411	.0402253	227.4504	.0165812	1.525439
#2	3520.273	.002306	.0392034	229.8612	.0208072	1.522518
#3	3510.575	.002535	.0399757	228.6778	.0104068	1.520909

Sample Name: K3788-01DUP Acquired: 07/15/2019 13:05:08 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 2056DUP Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059954	435.7886	2.220771	-.006975	-.003372	.1138528
Stddev	.0004489	1.1546	.002040	.002224	.000474	.0036047
%RSD	7.487409	.2649486	.0918530	31.89038	14.06644	3.166117

#1	.0059940	434.4754	2.221011	-.004534	-.002826	.1099393
#2	.0055473	436.6445	2.222680	-.007503	-.003678	.1170372
#3	.0064451	436.2460	2.218622	-.008887	-.003613	.1145820

Elem	Sr4077
Units	ppm
Avg	2.031757
Stddev	.012101
%RSD	.5956125

#1	2.017884
#2	2.037251
#3	2.040138

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2008.711	2979.393	42426.76	8640.960	2862.213
Stddev	21.103	7.120	84.06	48.998	7.869
%RSD	1.050571	.2389888	.1981366	.5670387	.2749146

#1	2021.737	2987.559	42503.77	8680.338	2871.294
#2	2020.032	2974.484	42337.08	8656.454	2857.407
#3	1984.363	2976.135	42439.43	8586.089	2857.938

Sample Name: K3788-01LX5 Acquired: 07/15/2019 13:08:55 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA8404 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045266	.0026710	.0026000	-.002782	-.002933	.0221891	.0337112
Stddev	.0012180	.0018774	.0004489	.001618	.001240	.0081882	.0005614
%RSD	26.90829	70.29088	17.26569	58.14703	42.27836	36.90210	1.665260

#1	.0053071	.0014938	.0024484	-.003358	-.001503	.0186400	.0339254
#2	.0031231	.0048361	.0031050	-.004034	-.003587	.0163742	.0330743
#3	.0051496	.0016830	.0022465	-.000955	-.003709	.0315531	.0341340

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003509	-.000119	26.80400	.0020341	-.000319	.0016498	.5351981
Stddev	.0000403	.000060	.19439	.0003201	.000207	.0003285	.0068801
%RSD	11.47423	50.64834	.7252342	15.73498	64.73648	19.91164	1.285520

#1	.0003938	-.000129	26.58991	.0023182	-.000466	.0019517	.5285810
#2	.0003139	-.000055	26.85263	.0016873	-.000083	.0013000	.5346993
#3	.0003450	-.000174	26.96946	.0020968	-.000409	.0016976	.5423140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0619635	84.86963	.0016965	-.000133	675.5272	.0016920	.0083374
Stddev	.0005946	.64685	.0003473	.000088	3.6760	.0009491	.0003287
%RSD	.9595520	.7621640	20.47326	66.23951	.5441642	56.09248	3.942901

#1	.0613131	84.16249	.0017387	-.000119	671.4104	.0014415	.0086274
#2	.0620983	85.01494	.0013300	-.000053	676.6899	.0027412	.0084045
#3	.0624791	85.43146	.0020208	-.000228	678.4811	.0008933	.0079803

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.17609	.0009158	.3024064	.0014396	79.07111	.4387575	-.003614
Stddev	.39068	.0024551	.0017995	.0000987	.17987	.0021116	.000644
%RSD	.9048591	268.0872	.5950673	6.853988	.2274726	.4812588	17.81941

#1	42.73320	.0031551	.3022246	.0014055	78.95247	.4383499	-.004356
#2	43.32327	-.001709	.3007046	.0013626	79.27806	.4368795	-.003291
#3	43.47181	.001302	.3042899	.0015508	78.98279	.4410431	-.003196

Sample Name: K3788-01LX5 Acquired: 07/15/2019 13:08:55 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA8404 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000573	.0680832	.4026422
Stddev	.000473	.0030684	.0019737
%RSD	82.50011	4.506884	.4901956

#1	-.000363	.0652204	.4005738
#2	-.001115	.0713225	.4028476
#3	-.000242	.0677067	.4045052

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2127.279	3164.291	45517.99	8994.429	3287.102
Stddev	13.449	13.183	264.21	13.640	11.690
%RSD	.6322287	.4166035	.5804577	.1516459	.3556307

#1	2126.125	3154.319	45605.50	8978.775	3282.998
#2	2114.444	3159.316	45221.12	9000.747	3278.018
#3	2141.268	3179.237	45727.34	9003.763	3300.291

Sample Name: K3788-01MS Acquired: 07/15/2019 13:12:43 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 2056MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9084539	2.108374	1.179933	1.984838	.8624825	2.369789
Stddev	.0040317	.003026	.001820	.004579	.0044493	.016342
%RSD	.4437992	.1435341	.1542256	.2307059	.5158695	.6896035

#1	.9101202	2.110902	1.179563	1.989689	.8602936	2.356943
#2	.9038561	2.105021	1.178326	1.980591	.8676022	2.364241
#3	.9113854	2.109200	1.181909	1.984234	.8595517	2.388183

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4041801	.2200055	.2345126	144.4311	.4415653	.2370987
Stddev	.0038697	.0016959	.0008253	.8556	.0003294	.0013946
%RSD	.9574330	.7708452	.3519211	.5924137	.0746018	.5881798

#1	.4005880	.2186760	.2342068	143.9279	.4418832	.2362323
#2	.4036745	.2219154	.2338839	143.9464	.4412254	.2363563
#3	.4082778	.2194252	.2354472	145.4191	.4415871	.2387074

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3472267	6.236304	.5518971	478.7804	.5878909	.0977423
Stddev	.0053742	.052490	.0045106	2.9149	.0005155	.0003260
%RSD	1.547760	.8416838	.8172865	.6088281	.0876879	.3335500

#1	.3436546	6.184096	.5485784	476.4105	.5878387	.0973660
#2	.3446180	6.235743	.5500801	477.8953	.5884306	.0979218
#3	.3534073	6.289071	.5570328	482.0353	.5874035	.0979391

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3763.549	.3426807	.2641811	257.6621	8.620081	1.982993
Stddev	30.945	.0007243	.0015432	2.1855	.015881	.012068
%RSD	.8222263	.2113560	.5841259	.8482092	.1842341	.6085709

#1	3739.909	.3432249	.2655013	255.9926	8.602822	1.970951
#2	3752.165	.3418586	.2624846	256.8580	8.623343	1.995087
#3	3798.574	.3429585	.2645574	260.1358	8.634078	1.982939

Sample Name: K3788-01MS Acquired: 07/15/2019 13:12:43 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 2056MS Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4330609	467.0519	3.416434	.8461420	.2200731	.3698540
Stddev	.0005732	.6516	.022817	.0041357	.0006955	.0064326
%RSD	.1323512	.1395197	.6678455	.4887724	.3160375	1.739214

#1	.4330373	467.7658	3.391227	.8418293	.2206556	.3633603
#2	.4336455	466.9009	3.435675	.8465222	.2193030	.3699782
#3	.4324999	466.4891	3.422400	.8500744	.2202606	.3762236

Elem	Sr4077
Units	ppm
Avg	2.432555
Stddev	.009479
%RSD	.3896635

#1	2.425657
#2	2.428643
#3	2.443363

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2027.371	2977.780	42365.57	8619.535	2827.034
Stddev	10.327	12.252	223.60	49.008	12.230
%RSD	.5093697	.4114437	.5277942	.5685731	.4326206

#1	2025.619	2989.335	42438.48	8673.771	2839.370
#2	2038.462	2979.070	42543.61	8606.406	2826.819
#3	2018.032	2964.934	42114.60	8578.429	2814.912

Sample Name: K3788-01MSD Acquired: 07/15/2019 13:16:19 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 2056MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8737396	2.034305	1.138651	1.916939	.8340819	2.280796
Stddev	.0062790	.007682	.002146	.002794	.0028057	.013088
%RSD	.7186385	.3776251	.1884891	.1457483	.3363872	.5738515

#1	.8808106	2.042036	1.139410	1.913954	.8314537	2.287340
#2	.8715925	2.034207	1.136229	1.917371	.8370366	2.265726
#3	.8688158	2.026673	1.140315	1.919492	.8337554	2.289322

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3940091	.2127376	.2258787	140.8662	.4257894	.2287410
Stddev	.0009293	.0006139	.0004247	.5987	.0013507	.0002081
%RSD	.2358532	.2885534	.1880282	.4250414	.3172133	.0909987

#1	.3930215	.2124063	.2261158	140.2250	.4271703	.2289796
#2	.3948663	.2123605	.2261319	140.9630	.4257268	.2285967
#3	.3941393	.2134459	.2253883	141.4107	.4244712	.2286468

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3356276	6.074461	.5369905	465.5628	.5673392	.0932350
Stddev	.0033595	.004044	.0024867	1.5881	.0010116	.0002163
%RSD	1.000972	.0665815	.4630729	.3411120	.1783105	.2319685

#1	.3353081	6.076308	.5363833	464.5851	.5683235	.0932932
#2	.3324393	6.077253	.5348636	464.7081	.5663023	.0934163
#3	.3391355	6.069823	.5397245	467.3952	.5673917	.0929956

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3664.428	.3273951	.2561011	249.1074	8.296101	1.922075
Stddev	17.670	.0031703	.0007999	1.8297	.018799	.006722
%RSD	.4822081	.9683355	.3123464	.7345168	.2265996	.3497040

#1	3652.192	.3261780	.2563928	249.5637	8.282315	1.929676
#2	3656.405	.3250136	.2567143	247.0927	8.317515	1.916917
#3	3684.686	.3309935	.2551963	250.6658	8.288473	1.919631

Sample Name: K3788-01MSD Acquired: 07/15/2019 13:16:19 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 2056MSD Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4171624	452.6778	3.311157	.8155747	.2162858	.3640538
Stddev	.0015170	1.1867	.006122	.0017223	.0026872	.0057682
%RSD	.3636532	.2621544	.1848931	.2111798	1.242442	1.584428

#1	.4177417	451.4057	3.318199	.8171113	.2133775	.3578724
#2	.4154411	453.7551	3.308171	.8158998	.2186766	.3649963
#3	.4183045	452.8724	3.307101	.8137129	.2168034	.3692927

Elem	Sr4077
Units	ppm
Avg	2.380999
Stddev	.006355
%RSD	.2668954

#1	2.374138
#2	2.382177
#3	2.386683

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2027.457	2988.379	42697.08	8666.064	2838.035
Stddev	10.236	1.554	213.41	33.945	4.291
%RSD	.5048491	.0520098	.4998132	.3916969	.1511800

#1	2035.496	2988.166	42665.88	8676.039	2835.750
#2	2030.939	2986.942	42924.37	8693.903	2835.371
#3	2015.934	2990.029	42500.99	8628.249	2842.984

Sample Name: K3788-01A Acquired: 07/15/2019 13:19:55 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB8404 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8872350	2.069127	1.148161	1.945071	.8485582	2.324399
Stddev	.0076972	.009884	.003157	.007712	.0017165	.034263
%RSD	.8675468	.4776891	.2749339	.3964752	.2022801	1.474064

#1	.8808213	2.072202	1.148247	1.942154	.8497429	2.284895
#2	.8851131	2.077107	1.144962	1.953816	.8493421	2.342276
#3	.8957705	2.058070	1.151273	1.939244	.8465898	2.346027

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3959160	.2163381	.2287935	140.8336	.4314639	.2320299
Stddev	.0018938	.0019725	.0000971	.5906	.0008785	.0002943
%RSD	.4783242	.9117627	.0424527	.4193703	.2036212	.1268408

#1	.3938674	.2140606	.2286831	140.1556	.4304516	.2321711
#2	.3962778	.2174553	.2288314	141.2363	.4319141	.2322270
#3	.3976027	.2174985	.2288660	141.1090	.4320262	.2316916

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3364045	6.087673	.5360055	467.2592	.5755884	.0948723
Stddev	.0065430	.054659	.0053601	3.8600	.0016167	.0004314
%RSD	1.944989	.8978581	1.000001	.8261002	.2808842	.4547438

#1	.3290166	6.026247	.5312730	462.8036	.5764697	.0953295
#2	.3414679	6.130946	.5418261	469.5918	.5765729	.0944724
#3	.3387291	6.105824	.5349173	469.3821	.5737225	.0948151

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3689.081	.3326680	.2566641	252.0741	8.415518	1.934719
Stddev	24.497	.0080632	.0015288	1.8151	.042618	.021962
%RSD	.6640479	2.423814	.5956580	.7200635	.5064266	1.135150

#1	3660.976	.3242343	.2551300	250.1478	8.397457	1.910486
#2	3705.904	.3334686	.2581876	253.7525	8.464193	1.953308
#3	3700.365	.3403011	.2566748	252.3219	8.384905	1.940364

Sample Name: K3788-01A Acquired: 07/15/2019 13:19:55 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB8404 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4268278	457.9067	3.335261	.8283032	.2167314	.3686395
Stddev	.0007804	2.1299	.026597	.0034550	.0022341	.0023878
%RSD	.1828413	.4651374	.7974514	.4171193	1.030795	.6477358

#1	.4271298	456.6677	3.306193	.8254934	.2189660	.3659037
#2	.4274121	460.3661	3.358379	.8321608	.2167303	.3703044
#3	.4259415	456.6864	3.341210	.8272553	.2144979	.3697103

Elem	Sr4077
Units	ppm
Avg	2.379789
Stddev	.002392
%RSD	.1005157

#1	2.377903
#2	2.378984
#3	2.382480

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.007	2974.555	42649.00	8634.259	2831.737
Stddev	18.510	5.234	322.11	18.431	6.991
%RSD	.9118105	.1759531	.7552660	.2134615	.2468816

#1	2008.690	2970.024	42289.61	8631.844	2829.832
#2	2042.008	2973.357	42911.69	8617.155	2825.895
#3	2039.322	2980.284	42745.69	8653.779	2839.482

Sample Name: CCV02 Acquired: 07/15/2019 13:35:09 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15248 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.863423	4.887889	4.858957	4.821788	4.874439	9.666216	9.951134
Stddev	.003972	.007408	.009097	.011626	.012462	.081269	.043239
%RSD	.0816625	.1515633	.1872168	.2411109	.2556638	.8407562	.4345143

#1	4.860387	4.893857	4.851058	4.833139	4.884713	9.588374	9.903800
#2	4.861966	4.890213	4.868903	4.809906	4.860576	9.750526	9.988558
#3	4.867918	4.879598	4.856910	4.822320	4.878027	9.659748	9.961043

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2351024	2.401120	24.45000	.9656133	2.412350	1.224055	4.955951
Stddev	.0018682	.002477	.11101	.0037761	.001968	.016646	.037880
%RSD	.7946507	.1031553	.4540434	.3910574	.0815773	1.359873	.7643430

#1	.2351064	2.399160	24.32391	.9698193	2.410166	1.207322	4.913430
#2	.2332322	2.400296	24.49301	.9625148	2.412899	1.240612	4.968327
#3	.2369687	2.403904	24.53307	.9645058	2.413986	1.224231	4.986095

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.454308	24.05853	2.413928	1.238716	24.33090	2.426400	2.458410
Stddev	.011774	.18556	.002249	.007615	.43624	.014315	.011876
%RSD	.4797450	.7713060	.0931575	.6147340	1.792966	.5899679	.4830812

#1	2.441691	23.84980	2.411437	1.229924	24.05700	2.410792	2.446450
#2	2.465003	24.20482	2.415809	1.243127	24.83397	2.438917	2.458578
#3	2.456229	24.12097	2.414536	1.243099	24.10172	2.429492	2.470201

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.25620	4.966314	4.788863	4.873692	4.848667	4.648265	4.831256
Stddev	.25810	.013034	.025908	.020745	.005711	.022543	.001315
%RSD	1.064073	.2624533	.5410059	.4256494	.1177793	.4849670	.0272262

#1	23.95949	4.980665	4.765578	4.884669	4.843507	4.634334	4.831134
#2	24.42889	4.963064	4.784239	4.849765	4.854803	4.636188	4.830006
#3	24.38021	4.955212	4.816772	4.886642	4.847691	4.674273	4.832628

Sample Name: CCV02 Acquired: 07/15/2019 13:35:09 Type: Unk
 Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV15248 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.885734	4.859849	5.052775
Stddev	.022021	.019587	.079907
%RSD	.4507121	.4030376	1.581448

#1	4.878938	4.838265	5.012830
#2	4.867913	4.864790	5.000718
#3	4.910352	4.876493	5.144779

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2207.904	3265.500	47729.76	9140.143	3574.994
Stddev	16.755	9.923	157.08	53.298	1.683
%RSD	.7588454	.3038670	.3291088	.5831203	.0470638

#1	2227.132	3260.225	47909.91	9183.586	3573.912
#2	2200.150	3276.946	47621.40	9156.173	3576.932
#3	2196.432	3259.329	47657.97	9080.669	3574.137

Sample Name: K3803-01 Acquired: 07/15/2019 13:42:42 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 001-WILLETS- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061092	.0008343	.0385697	.0001979	-.000186	.9103900	.0778813
Stddev	.0042518	.0007859	.0021701	.0017808	.002079	.0086185	.0004693
%RSD	69.59650	94.20448	5.626319	899.9973	1117.442	.9466784	.6026384

#1	.0101427	.0014072	.0401821	-.001761	-.002423	.9025926	.0780696
#2	.0016684	-.000062	.0394247	.001719	.001688	.9196439	.0773471
#3	.0065166	.001157	.0361024	.000636	.000177	.9089335	.0782274

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004504	.0002596	109.2802	.0034695	.0012541	.0239500	23.80328
Stddev	.0000432	.0000588	.1497	.0001342	.0002680	.0028165	.03884
%RSD	9.586905	22.66206	.1370304	3.866467	21.37336	11.76006	.1631695

#1	.0004961	.0002590	109.1073	.0036060	.0013146	.0229324	23.76927
#2	.0004103	.0003187	109.3671	.0033378	.0009610	.0271339	23.79497
#3	.0004448	.0002011	109.3663	.0034647	.0014867	.0217837	23.84560

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6908011	8.468562	.0077419	-.000286	154.0085	.0040011	.5522218
Stddev	.0009810	.013532	.0001884	.000292	.5371	.0008126	.0033463
%RSD	.1420078	.1597954	2.433949	102.3698	.3487783	20.30837	.6059771

#1	.6897971	8.453878	.0079573	.000052	153.5139	.0036987	.5518895
#2	.6908488	8.471276	.0076609	-.000467	154.5799	.0049215	.5557219
#3	.6917573	8.480531	.0076076	-.000442	153.9318	.0033830	.5490540

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.489884	.8846582	.0444497	.0021683	2.902057	11.09957	-.005101
Stddev	.069525	.0033222	.0016447	.0000611	.006738	.04521	.001169
%RSD	.9282468	.3755341	3.700166	2.819432	.2321766	.4073019	22.91815

#1	7.410098	.8824001	.0429289	.0021043	2.903703	11.05021	-.005084
#2	7.522077	.8884729	.0442249	.0021745	2.894649	11.10953	-.003941
#3	7.537478	.8831016	.0461952	.0022261	2.907820	11.13897	-.006279

Sample Name: K3803-01 Acquired: 07/15/2019 13:42:42 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 001-WILLETS- Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0355964	.0091962	.4529365
Stddev	.0011786	.0021638	.0011091
%RSD	3.310936	23.52910	.2448637

#1	.0361853	.0097284	.4518290
#2	.0342394	.0068160	.4529336
#3	.0363645	.0110443	.4540471

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2284.774	3391.165	49048.84	9511.087	3669.649
Stddev	6.046	2.843	234.58	49.003	6.325
%RSD	.2646085	.0838255	.4782634	.5152241	.1723464

#1	2279.898	3391.638	49265.82	9563.432	3673.692
#2	2282.885	3388.115	48799.93	9503.525	3662.361
#3	2291.539	3393.741	49080.78	9466.305	3672.894

Sample Name: CCB02 Acquired: 07/15/2019 13:38:49 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15248 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002982	.0024640	.0007742	.0030460	-.001823	.0006388	.0007395
Stddev	.0014483	.0016924	.0015013	.0014762	.001083	.0047656	.0005808
%RSD	485.6833	68.68566	193.9244	48.46302	59.40441	746.0453	78.53824

#1	.0019440	.0019195	-.000502	.0020583	-.001149	-.003764	.0014005
#2	-.000268	.0043616	.002429	.0023368	-.001248	-.000019	.0003110
#3	-.000782	.0011108	.000395	.0047430	-.003073	.005699	.0005070

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001323	-.000115	.0162913	.0005212	-.000244	.0003224	-.001111
Stddev	.0000649	.000037	.0080330	.0003228	.000212	.0013000	.001910
%RSD	49.05004	31.86823	49.30893	61.92838	87.17483	403.1864	171.8729

#1	.0001215	-.000136	.0131964	.0007244	-.000106	-.000994	-.002705
#2	.0000735	-.000136	.0254114	.0001490	-.000136	.001606	.001005
#3	.0002020	-.000073	.0102659	.0006900	-.000488	.000355	-.001634

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004516	-.016156	.0000864	.0003965	.4014352	-.002094	-.001163
Stddev	.0002624	.019896	.0002493	.0004060	.3231290	.004384	.000375
%RSD	58.09732	123.1468	288.3885	102.4207	80.49343	209.3857	32.21978

#1	.0006066	-.031720	-.000005	.0002055	.1019957	.000425	-.000885
#2	.0001487	-.023009	-.000104	.0008628	.7439355	.000450	-.001015
#3	.0005996	.006260	.000369	.0001211	.3583744	-.007155	-.001589

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0700468	-.002875	-.001747	.0004203	-.004780	-.000331	.0002630
Stddev	.0335849	.001672	.001149	.0002064	.003726	.000149	.0011887
%RSD	47.94639	58.13918	65.74895	49.10410	77.95337	44.95428	452.0092

#1	.1020483	-.002229	-.000488	.0006586	-.009080	-.000346	.0016352
#2	.0730165	-.001623	-.002015	.0003026	-.002493	-.000471	-.000452
#3	.0350757	-.004773	-.002738	.0002997	-.002767	-.000175	-.000395

Sample Name: CCB02 Acquired: 07/15/2019 13:38:49 Type: Unk
 Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB15248 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014374	.0023065	.0003122
Stddev	.0005253	.0003508	.0002222
%RSD	36.54581	15.20928	71.14968

#1	.0014323	.0023599	.0005656
#2	.0009147	.0019321	.0001510
#3	.0019653	.0026276	.0002200

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2220.999	3284.266	47710.12	9060.961	3638.623
Stddev	20.691	6.994	319.94	58.010	8.948
%RSD	.9316246	.2129400	.6705862	.6402228	.2459055

#1	2228.817	3276.723	47657.71	8995.307	3628.605
#2	2236.643	3285.542	48053.03	9082.281	3641.443
#3	2197.538	3290.535	47419.63	9105.294	3645.821

Sample Name: PB121380TB Acquired: 07/15/2019 13:50:23 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001553	-.002447	-.001300	.0052423	-.001938	-.004145
Stddev	.002601	.001779	.002088	.0021425	.001576	.002358
%RSD	167.4719	72.71960	160.6535	40.86829	81.34255	56.88951

#1	.000225	-.002419	-.001282	.0052048	-.000423	-.006540
#2	-.004539	-.000682	-.003397	.0031189	-.003570	-.004068
#3	-.000346	-.004241	.000779	.0074033	-.001821	-.001826

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000374	-.000006	-.000162	.0260718	.0010337	-.000390
Stddev	.000409	.000032	.000065	.0034583	.0001355	.000234
%RSD	109.5342	532.0726	40.32885	13.26436	13.11277	59.93702

#1	-.000755	-.000014	-.000131	.0223948	.0009860	-.000139
#2	.000059	-.000033	-.000237	.0265617	.0009285	-.000602
#3	-.000424	.000029	-.000118	.0292590	.0011867	-.000430

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000074	.0052351	-.000318	-.001932	.0026011	.0011295
Stddev	.002172	.0035975	.000185	.013395	.0002960	.0000331
%RSD	2934.804	68.71753	58.13686	693.4444	11.38137	2.933889

#1	.001013	.0080445	-.000504	.000753	.0027669	.0011513
#2	-.002575	.0011805	-.000315	.009918	.0027770	.0011459
#3	.001340	.0064804	-.000134	-.016466	.0022593	.0010914

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 297.8190	-.001701	.0145114	-.554725	-.004031	-.008942
Stddev	1.6014	.003409	.0007886	.049473	.001196	.001061
%RSD	.5377015	200.4532	5.434134	8.918460	29.68293	11.86401

#1	296.0043	-.005615	.0152513	-.520021	-.003338	-.007826
#2	298.4185	.000618	.0136819	-.611375	-.003342	-.009062
#3	299.0340	-.000105	.0146011	-.532779	-.005412	-.009938

Sample Name: PB121380TB Acquired: 07/15/2019 13:50:23 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000259	.0078821	-.004157	-.001507	.0001071	-.006805
Stddev	.000158	.0045366	.001354	.001088	.0008527	.000878
%RSD	60.86543	57.55581	32.58382	72.22857	796.3452	12.89890

#1	-.000429	.0047891	-.003326	-.000908	-.000007	-.005974
#2	-.000230	.0057672	-.003425	-.000850	.001011	-.007723
#3	-.000118	.0130900	-.005720	-.002763	-.000683	-.006717

Elem	Sr4077
Units	ppm
Avg	.0000199
Stddev	.0000394
%RSD	197.8103

#1	.0000484
#2	.0000363
#3	-.000025

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2129.661	3150.155	46353.66	9009.658	3424.646
Stddev	32.878	8.144	483.74	61.324	4.553
%RSD	1.543835	.2585137	1.043579	.6806501	.1329598

#1	2102.749	3141.281	46209.25	8964.458	3419.701
#2	2166.308	3151.900	46893.16	8985.053	3428.665
#3	2119.926	3157.286	45958.58	9079.464	3425.572

Sample Name: PB121380BL Acquired: 07/15/2019 13:46:30 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.0044200	.0021895	-.002729	.0000268	-.000777	-.006473	-.000098
Stddev	.0023679	.0011942	.001143	.0021894	.000358	.013042	.000258
%RSD	53.57185	54.54077	41.87994	8163.694	46.12756	201.4927	262.2003

#1	.0071497	.0029413	-.002053	.0024958	-.000671	-.006051	-.000044
#2	.0029187	.0008125	-.002085	-.000737	-.000484	.006354	.000128
#3	.0031917	.0028147	-.004049	-.001678	-.001176	-.019721	-.000379

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001834	-.000006	.0127106	.0005219	.0000673	-.000496	.0092677
Stddev	.0000333	.000171	.0106227	.0000523	.0001741	.001148	.0042713
%RSD	18.16093	3104.408	83.57356	10.01883	258.4844	231.5317	46.08784

#1	.0001841	.000113	.0146534	.0005778	-.000097	-.001723	.0106312
#2	.0002163	-.000202	.0222278	.0004742	.000250	-.000316	.0044811
#3	.0001497	.000072	.0012506	.0005139	.000048	.000552	.0126907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001833	-.003557	-.000043	-.000145	.1699053	-.001736	-.001192
Stddev	.0003881	.012473	.000214	.000265	.2553143	.000483	.000240
%RSD	211.6898	350.6532	493.3687	183.2767	150.2686	27.82929	20.15812

#1	.0005527	.001376	-.000240	-.000164	.3012699	-.002289	-.001436
#2	-.000221	-.017742	-.000076	-.000400	-.124344	-.001522	-.000955
#3	.000218	.005695	.000185	.000130	.332790	-.001397	-.001185

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.103689	-.004690	-.009025	-.000388	-.003963	-.002160	-.000982
Stddev	.061764	.001933	.000599	.000273	.002460	.001188	.001103
%RSD	59.56689	41.21153	6.642165	70.50881	62.05540	54.98369	112.2852

#1	-.117542	-.002470	-.008937	-.000074	-.002524	-.001158	-.001945
#2	-.157350	-.005598	-.008475	-.000512	-.006803	-.003472	-.001224
#3	-.036174	-.006000	-.009664	-.000577	-.002563	-.001851	.000221

Sample Name: PB121380BL Acquired: 07/15/2019 13:46:30 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.0007160	.0035591	-.000104
Stddev	.0001778	.0017396	.000048
%RSD	24.83027	48.87797	45.93529

#1	.0006212	.0022040	-.000049
#2	.0009210	.0029526	-.000133
#3	.0006057	.0055208	-.000130

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.684	3277.724	47252.91	9157.711	3622.807
Stddev	12.495	3.579	362.31	57.357	6.177
%RSD	.5688245	.1092056	.7667519	.6263213	.1704955

#1	2210.916	3273.980	47660.46	9102.986	3615.794
#2	2187.515	3281.113	47131.00	9217.379	3625.192
#3	2191.620	3278.080	46967.28	9152.767	3627.437

Sample Name: PB121381BL Acquired: 07/15/2019 14:02:21 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.0018621	.0024826	-.001227	.0022576	-.000931	-.018922	.0002321
Stddev	.0029168	.0003074	.000301	.0029727	.001296	.008311	.0004538
%RSD	156.6394	12.38004	24.56170	131.6738	139.1690	43.92285	195.5440

#1	.0001106	.0022301	-.001120	.0055044	-.001523	-.025807	-.000198
#2	.0002465	.0023929	-.000993	-.000331	.000555	-.021268	.000706
#3	.0052293	.0028248	-.001567	.001599	-.001826	-.009690	.000188

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001495	-.000115	.0059384	.0002320	-.000290	-.000576	.0030230
Stddev	.0000690	.000064	.0122887	.0004368	.000296	.000593	.0018519
%RSD	46.13780	55.74802	206.9382	188.2621	102.2128	102.9453	61.25960

#1	.0001645	-.000083	-.006372	-.000222	-.000026	-.001220	.0051324
#2	.0000743	-.000189	.005982	.000269	-.000610	-.000452	.0022722
#3	.0002098	-.000073	.018205	.000649	-.000234	-.000055	.0016645

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000446	-.019366	.0004585	-.000047	.3205824	-.000842	-.001405
Stddev	.000334	.012801	.0002307	.000530	.1697739	.001392	.000296
%RSD	74.79458	66.09929	50.31551	1129.591	52.95796	165.4112	21.09574

#1	-.000828	-.030933	.0004342	.000508	.2039083	-.002295	-.001578
#2	-.000214	-.005613	.0007004	-.000547	.2424880	.000480	-.001063
#3	-.000296	-.021550	.0002409	-.000101	.5153509	-.000710	-.001575

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.080179	-.003965	-.011964	-.000218	.0003864	-.004053	-.001989
Stddev	.092830	.001643	.000505	.000280	.0060080	.000204	.000819
%RSD	115.7784	41.44061	4.218635	128.4445	1554.674	5.042100	41.17737

#1	.004898	-.002085	-.012534	.000074	-.003256	-.004284	-.002650
#2	-.066248	-.004680	-.011575	-.000244	.007321	-.003983	-.001073
#3	-.179187	-.005128	-.011783	-.000484	-.002906	-.003894	-.002243

Sample Name: PB121381BL Acquired: 07/15/2019 14:02:21 Type: Unk
 Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012981	.0006371	-.000011
Stddev	.0005516	.0014264	.000068
%RSD	42.49049	223.9128	598.5342

#1	.0019113	-.000851	-.000063
#2	.0008425	.000770	-.000037
#3	.0011405	.001992	.000065

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2186.086	3268.776	47341.37	9080.915	3630.765
Stddev	13.574	9.393	277.59	27.086	7.498
%RSD	.6209436	.2873585	.5863643	.2982754	.2065010

#1	2201.730	3258.119	47658.27	9097.309	3622.594
#2	2179.117	3272.360	47141.22	9095.785	3632.372
#3	2177.412	3275.850	47224.62	9049.651	3637.329

Sample Name: PB121372BL Acquired: 07/15/2019 13:54:14 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.0005611	-.000238	-.000885	.0003662	-.001047	-.012577	-.000070
Stddev	.0007902	.002326	.000353	.0013596	.001273	.011384	.000484
%RSD	140.8240	979.2248	39.90848	371.3102	121.6243	90.51825	686.7042

#1	.0013257	.000670	-.001273	.0004761	-.002032	-.006814	-.000585
#2	-.000252	-.002881	-.000799	-.001045	.000391	-.005227	.000375
#3	.000610	.001498	-.000582	.001668	-.001499	-.025691	-.000001

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001689	-.000037	.0109682	.0003075	-.000061	.0023410	-.001369
Stddev	.0000656	.000020	.0065129	.0003103	.000188	.0021237	.006840
%RSD	38.86473	54.62952	59.37926	100.9145	310.6135	90.71683	499.7626

#1	.0001481	-.000015	.0059378	.0005283	.000035	.0003119	-.006689
#2	.0002424	-.000054	.0086421	.0004415	-.000277	.0045481	-.003764
#3	.0001162	-.000042	.0183248	-.000047	.000060	.0021630	.006347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	-.012503	-.000337	-.000104	.0450778	-.000325	-.001452
Stddev	.000438	.021220	.000307	.000019	.1348296	.003463	.000246
%RSD	3208.715	169.7122	91.06601	18.05699	299.1039	1065.498	16.93168

#1	.000224	.008360	-.000002	-.000121	.0051852	-.001471	-.001612
#2	.000254	-.034063	-.000604	-.000108	.1953524	-.003070	-.001574
#3	-.000519	-.011807	-.000406	-.000084	-.065304	.003566	-.001169

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0262239	-.001570	-.010522	-.000220	-.003734	-.003330	-.001219
Stddev	.0195226	.002863	.001671	.000182	.006806	.002081	.001090
%RSD	74.44558	182.3916	15.87885	82.55096	182.2952	62.47886	89.38117

#1	.0044193	-.002163	-.009358	-.000286	-.011489	-.003367	-.002154
#2	.0420811	.001543	-.009771	-.000015	-.000960	-.005392	-.001483
#3	.0321714	-.004091	-.012436	-.000360	.001248	-.001231	-.000022

Sample Name: PB121372BL Acquired: 07/15/2019 13:54:14 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.0008239	.0021577	-.000055
Stddev	.0003394	.0005435	.000059
%RSD	41.19502	25.18793	106.5056

#1	.0005677	.0024871	-.000101
#2	.0006952	.0015304	-.000075
#3	.0012089	.0024557	.000011

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2213.972	3297.528	47443.01	9117.883	3642.783
Stddev	11.178	4.054	150.39	53.227	1.994
%RSD	.5048641	.1229396	.3169986	.5837683	.0547331

#1	2226.675	3302.003	47521.97	9091.050	3641.546
#2	2209.599	3294.101	47537.47	9179.187	3641.721
#3	2205.642	3296.481	47269.58	9083.413	3645.083

Sample Name: K3620-02 Acquired: 07/15/2019 14:09:55 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CL-01-071219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017415	-.001411	.0035067	.0028925	-.001804	.1577733	.0980353
Stddev	.0017255	.001561	.0013706	.0005403	.001244	.0048914	.0005204
%RSD	99.08167	110.6085	39.08453	18.67785	68.93643	3.100295	.5308160

#1	.0035598	.000271	.0039478	.0035024	-.002188	.1588707	.0974458
#2	.0001271	-.001693	.0019699	.0024743	-.002811	.1620228	.0984306
#3	.0015375	-.002812	.0046025	.0027007	-.000414	.1524264	.0982296

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001555	.0001685	32.95609	.0006352	.0018951	.0070573	.0926538
Stddev	.0000441	.0000194	.30436	.0003168	.0001513	.0018536	.0068868
%RSD	28.37677	11.49892	.9235286	49.87423	7.983345	26.26461	7.432884

#1	.0001077	.0001521	32.62110	.0004534	.0020564	.0049723	.0984200
#2	.0001947	.0001636	33.03155	.0004512	.0018723	.0076812	.0850281
#3	.0001640	.0001899	33.21563	.0010010	.0017564	.0085185	.0945132

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5937103	3.531011	.0036611	.0000690	279.2195	-.002667	.0353519
Stddev	.0060186	.036276	.0001595	.0004486	2.1334	.003320	.0001009
%RSD	1.013733	1.027359	4.357825	649.8698	.7640607	124.4657	.2852726

#1	.5867777	3.497470	.0036339	-.000306	276.9133	-.001700	.0352911
#2	.5967543	3.526051	.0038325	-.000053	279.6226	.000061	.0352963
#3	.5975989	3.569512	.0035169	.000566	281.1226	-.006363	.0354684

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3005514	.0084549	-.002743	-.000211	.3136807	1.740980	-.004239
Stddev	.0462497	.0008288	.000679	.000279	.0125066	.004387	.001574
%RSD	15.38829	9.802241	24.75294	132.3071	3.987060	.2520097	37.12634

#1	.3309931	.0087660	-.002151	-.000284	.2996842	1.744094	-.005920
#2	.3233307	.0090831	-.003484	-.000447	.3237594	1.735962	-.003997
#3	.2473304	.0075156	-.002594	.000097	.3175984	1.742885	-.002800

Sample Name: K3620-02 Acquired: 07/15/2019 14:09:55 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CL-01-071219 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0048327	-.009529	.1237875
Stddev	.0040871	.001410	.0009757
%RSD	84.57093	14.79230	.7882370

#1	.0014808	-.011151	.1228745
#2	.0036315	-.008601	.1236722
#3	.0093858	-.008836	.1248157

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2180.255	3224.671	47205.18	9274.886	3512.055
Stddev	23.121	8.423	330.86	41.800	3.119
%RSD	1.060454	.2612152	.7008876	.4506772	.0888022

#1	2192.420	3228.370	47257.08	9267.572	3514.617
#2	2194.753	3230.613	47507.02	9319.860	3508.582
#3	2153.591	3215.031	46851.45	9237.226	3512.968

Sample Name: K3620-02DUP Acquired: 07/15/2019 14:13:44 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CL-01-071219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017370	-.001566	.0045080	.0049832	-.000692	.1721740	.1031477
Stddev	.0021618	.001186	.0008857	.0025232	.000848	.0080947	.0010447
%RSD	124.4505	75.73043	19.64703	50.63378	122.4996	4.701492	1.012776

#1	.0027847	-.002632	.0055286	.0041157	.000087	.1787147	.1020823
#2	-.000749	-.001777	.0039415	.0078257	-.001595	.1746863	.1031904
#3	.003175	-.000289	.0040538	.0030082	-.000568	.1631210	.1041703

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000718	.0000605	34.67797	.0010176	.0016599	.0096817	.0900161
Stddev	.0000500	.0000387	.16730	.0001408	.0001926	.0005121	.0112849
%RSD	69.55946	63.96965	.4824401	13.83496	11.60585	5.289005	12.53655

#1	.0000163	.0001050	34.50192	.0011655	.0015812	.0101591	.0814700
#2	.0001132	.0000341	34.69713	.0010020	.0018794	.0091409	.0857702
#3	.0000860	.0000425	34.83487	.0008853	.0015190	.0097451	.1028080

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6248024	3.751978	.0036568	-.000347	294.4484	.0003683	.0358258
Stddev	.0029861	.036690	.0001493	.000218	.3474	.0026967	.0004924
%RSD	.4779266	.9778933	4.083093	62.71659	.1179838	732.2044	1.374574

#1	.6214046	3.709674	.0035345	-.000132	294.4106	.0024818	.0355563
#2	.6270093	3.771149	.0036127	-.000343	294.8132	-.002669	.0355270
#3	.6259933	3.775112	.0038232	-.000567	294.1215	.001292	.0363942

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3805721	.0082698	-.003043	-.000125	.3297035	1.827912	-.004048
Stddev	.0484875	.0036482	.001565	.000068	.0009788	.017260	.000780
%RSD	12.74070	44.11495	51.42438	54.45164	.2968787	.9442255	19.26787

#1	.4002202	.0090036	-.003518	-.000048	.3303831	1.827573	-.004036
#2	.3253442	.0043104	-.004314	-.000176	.3301458	1.810824	-.004834
#3	.4161518	.0114952	-.001295	-.000152	.3285816	1.845338	-.003274

Sample Name: K3620-02DUP Acquired: 07/15/2019 14:13:44 Type: Unk
 Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CL-01-071219 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0026548	-.005575	.1301827
Stddev	.0011949	.000871	.0009391
%RSD	45.00876	15.62678	.7213886

#1	.0032078	-.006534	.1292555
#2	.0012836	-.005361	.1301593
#3	.0034730	-.004831	.1311333

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2176.963	3199.313	47187.54	9218.662	3476.495
Stddev	12.095	3.385	262.61	71.401	7.803
%RSD	.5556132	.1058139	.5565166	.7745305	.2244428

#1	2190.807	3195.407	47384.23	9212.011	3467.610
#2	2171.638	3201.396	47289.05	9293.156	3482.233
#3	2168.443	3201.137	46889.32	9150.819	3479.641

Sample Name: CCV03 Acquired: 07/15/2019 14:28:47 Type: Unk
 Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV15249 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.917057	4.921585	4.857221	4.920871	4.940925	9.539370	9.875154
Stddev	.016824	.012206	.011224	.001107	.013080	.082708	.035302
%RSD	.3421637	.2480119	.2310845	.0224902	.2647310	.8670191	.3574858

#1	4.901973	4.907539	4.849708	4.921045	4.955638	9.464249	9.834457
#2	4.913995	4.927597	4.851832	4.921881	4.930612	9.525859	9.893492
#3	4.935201	4.929619	4.870124	4.919688	4.936526	9.628001	9.897513

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2348276	2.404824	24.09857	.9678565	2.420266	1.198320	4.878700
Stddev	.0023097	.004465	.11022	.0019016	.003990	.011169	.028024
%RSD	.9835682	.1856876	.4573665	.1964774	.1648478	.9320584	.5744084

#1	.2324720	2.400474	23.97131	.9675595	2.418222	1.187942	4.848056
#2	.2370885	2.404602	24.16128	.9661208	2.417711	1.196877	4.885022
#3	.2349222	2.409396	24.16314	.9698891	2.424863	1.210140	4.903023

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.418347	23.69288	2.423977	1.237965	24.01610	2.392108	2.448931
Stddev	.008988	.23477	.004442	.007533	.07490	.012208	.015163
%RSD	.3716405	.9908942	.1832714	.6084794	.3118770	.5103379	.6191635

#1	2.409039	23.46318	2.421280	1.243409	24.05210	2.386771	2.465572
#2	2.419027	23.68304	2.421547	1.229368	23.92999	2.383477	2.445324
#3	2.426976	23.93241	2.429105	1.241119	24.06620	2.406075	2.435896

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.71367	5.059580	4.736431	4.946307	4.891783	4.621404	4.878134
Stddev	.20350	.015722	.009326	.007714	.009555	.032918	.012329
%RSD	.8581683	.3107423	.1968965	.1559479	.1953273	.7122976	.2527410

#1	23.53509	5.076960	4.728174	4.944823	4.902692	4.583997	4.864058
#2	23.67069	5.046348	4.746546	4.939444	4.887758	4.645948	4.883327
#3	23.93523	5.055432	4.734572	4.954655	4.884900	4.634268	4.887017

Sample Name: CCV03 Acquired: 07/15/2019 14:28:47 Type: Unk
 Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV15249 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.900362	4.859982	5.043679
Stddev	.028330	.024114	.100574
%RSD	.5781194	.4961762	1.994052

#1	4.875756	4.832230	4.928892
#2	4.931333	4.875832	5.116335
#3	4.893998	4.871882	5.085811

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.230	3276.078	47830.54	9250.726	3603.248
Stddev	11.046	1.931	212.04	61.763	5.144
%RSD	.4988820	.0589459	.4433223	.6676532	.1427659

#1	2202.311	3278.009	47650.65	9306.602	3609.024
#2	2216.257	3274.147	48064.33	9184.407	3599.159
#3	2224.123	3276.078	47776.64	9261.169	3601.562

Sample Name: PB121372BS Acquired: 07/15/2019 14:25:05 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.7708117	1.947695	.9658939	1.989341	.7842244	1.971141	.2020141
Stddev	.0021840	.001994	.0027246	.003514	.0017460	.019703	.0005263
%RSD	.2833437	.1023921	.2820848	.1766367	.2226386	.9995700	.2605093

#1	.7715888	1.947356	.9634976	1.991016	.7838715	1.983344	.2014467
#2	.7725008	1.945891	.9688575	1.991703	.7861199	1.981670	.2024862
#3	.7683453	1.949836	.9653265	1.985302	.7826819	1.948411	.2021094

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1953493	.1964287	1.020364	.4045698	.1983981	.3022631	3.157045
Stddev	.0029129	.0001181	.010622	.0020257	.0001103	.0018442	.018983
%RSD	1.491143	.0601063	1.041029	.5007037	.0555750	.6101355	.6012975

#1	.1958837	.1963855	1.032171	.4023012	.1985155	.3022820	3.135263
#2	.1979580	.1963382	1.017337	.4061974	.1982967	.3004095	3.165802
#3	.1922061	.1965622	1.011584	.4052110	.1983821	.3040978	3.170068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2024414	1.945800	.5007364	.0737773	3.225082	.3027513	.2037596
Stddev	.0011642	.024962	.0004679	.0005978	.102403	.0018493	.0010210
%RSD	.5750927	1.282872	.0934446	.8102831	3.175211	.6108443	.5010843

#1	.2011778	1.972577	.5010253	.0744315	3.182645	.3041276	.2028417
#2	.2034705	1.941653	.5001965	.0732596	3.150719	.3006491	.2035779
#3	.2026759	1.923172	.5009873	.0736407	3.341882	.3034770	.2048593

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.457998	6.025007	.2741161	.3955999	-.014322	.8588768	.6837595
Stddev	.065818	.016998	.0034841	.0007808	.004984	.0136344	.0032954
%RSD	.6959006	.2821199	1.271034	.1973735	34.80025	1.587470	.4819482

#1	9.506580	6.010254	.2742445	.3948558	-.019076	.8637944	.6858784
#2	9.484322	6.043594	.2775342	.3964129	-.014753	.8693703	.6799629
#3	9.383092	6.021172	.2705695	.3955310	-.009136	.8434658	.6854373

Sample Name: PB121372BS Acquired: 07/15/2019 14:25:05 Type: Unk
 Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1972613	.2065172	.2077442
Stddev	.0026986	.0019993	.0014684
%RSD	1.368057	.9680899	.7068223

#1	.1949567	.2051719	.2062179
#2	.2002300	.2088146	.2091468
#3	.1965971	.2055652	.2078680

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2284.599	3365.341	49091.04	9351.842	3771.474
Stddev	15.620	6.901	289.88	86.912	2.495
%RSD	.6837177	.2050666	.5905044	.9293523	.0661497

#1	2275.045	3358.202	48928.54	9279.862	3768.678
#2	2302.625	3365.845	49425.72	9327.269	3773.472
#3	2276.128	3371.977	48918.86	9448.394	3772.272

Sample Name: CCB03 Acquired: 07/15/2019 14:32:28 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15249 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056184	.0013656	-.000999	.0018159	-.000980	-.026281	.0011580
Stddev	.0029376	.0009319	.000743	.0013661	.001499	.011153	.0004268
%RSD	52.28472	68.24391	74.38764	75.23158	153.0025	42.43781	36.86240

#1	.0086748	.0024282	-.001024	.0007241	-.000237	-.013770	.0016503
#2	.0053642	.0006877	-.001730	.0013757	.000003	-.029889	.0009325
#3	.0028162	.0009807	-.000244	.0033478	-.002706	-.035183	.0008911

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002151	-.000054	.0072252	.0002732	.0001764	-.000441	.0048963
Stddev	.0000431	.000138	.0027862	.0004792	.0000581	.002636	.0026673
%RSD	20.05142	255.7394	38.56249	175.3911	32.93030	597.2528	54.47554

#1	.0001665	.000095	.0099085	-.000181	.0001636	.000349	.0043259
#2	.0002296	-.000081	.0043463	.000774	.0002399	.001709	.0025604
#3	.0002490	-.000176	.0074208	.000227	.0001258	-.003382	.0078027

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000030	-.010516	-.000040	.0001804	.0490049	.0018765	-.001283
Stddev	.0001491	.025527	.000360	.0007527	.3142222	.0014725	.000609
%RSD	5048.356	242.7412	910.0132	417.3038	641.2061	78.47010	47.50137

#1	.0001389	.003431	-.000289	-.000600	.2661310	.0018988	-.001252
#2	.0000265	.004999	.000373	.000902	-.311308	.0003930	-.000690
#3	-.000157	-.039978	-.000203	.000240	.192191	.0033377	-.001907

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.080265	-.006273	-.002505	.0004575	-.004542	.0011886	.0004255
Stddev	.132275	.001450	.000820	.0002240	.002512	.0004853	.0001600
%RSD	164.7990	23.11415	32.71315	48.95664	55.31546	40.82821	37.60026

#1	.035364	-.007658	-.002256	.0007156	-.002341	.0008238	.0002413
#2	-.051655	-.006396	-.001840	.0003141	-.007279	.0010026	.0005302
#3	-.224504	-.004766	-.003421	.0003429	-.004006	.0017394	.0005049

Sample Name: CCB03 Acquired: 07/15/2019 14:32:28 Type: Unk
 Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB15249 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0018334	-.000088	.0003578
Stddev	.0019073	.001094	.0001785
%RSD	104.0294	1242.432	49.87274

#1	.0024599	.000920	.0005546
#2	.0033488	-.001251	.0003126
#3	-.000308	.000067	.0002063

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2223.932	3305.360	47917.84	9127.736	3674.998
Stddev	11.405	4.397	78.62	20.187	11.524
%RSD	.5128452	.1330297	.1640703	.2211584	.3135918

#1	2217.476	3303.176	47868.72	9150.349	3676.791
#2	2237.101	3310.422	47876.30	9121.324	3685.521
#3	2217.219	3302.483	48008.52	9111.533	3662.682

Sample Name: K3620-02MSD Acquired: 07/15/2019 14:36:21 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CL-01-071219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8155758	2.095107	1.057538	1.780539	.8342431	2.752003	.3329868
Stddev	.0052072	.007156	.000278	.001750	.0007410	.011459	.0024542
%RSD	.6384649	.3415617	.0263107	.0983039	.0888242	.4163720	.7370406

#1	.8095673	2.100219	1.057652	1.781425	.8333875	2.739565	.3302454
#2	.8187766	2.086929	1.057741	1.778522	.8346753	2.754315	.3337355
#3	.8183834	2.098172	1.057221	1.781669	.8346666	2.762130	.3349795

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1958230	.2101642	38.09719	.4358935	.2202408	.3375934	4.134881
Stddev	.0011178	.0003738	.37105	.0019726	.0005053	.0033375	.148348
%RSD	.5708317	.1778448	.9739591	.4525511	.2294449	.9886000	3.587728

#1	.1948806	.2099026	37.67869	.4364465	.2200222	.3341068	4.221887
#2	.1955303	.2099976	38.38596	.4337034	.2208186	.3407584	4.219166
#3	.1970580	.2105923	38.22692	.4375306	.2198816	.3379149	3.963590

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8898641	6.009240	.5454537	.0803612	319.2232	.3325797	.2520515
Stddev	.0086250	.040626	.0004658	.0003869	2.9241	.0042847	.0005335
%RSD	.9692510	.6760653	.0853933	.4814395	.9159978	1.288322	.2116718

#1	.8805485	5.962624	.5449356	.0807040	315.8878	.3284160	.2525542
#2	.8975724	6.037099	.5455877	.0804377	321.3456	.3323470	.2514917
#3	.8914713	6.027996	.5458378	.0799417	320.4360	.3369760	.2521086

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.61370	6.706671	.2919028	.4516349	.3372706	2.893210	.8057802
Stddev	.13622	.008066	.0018573	.0015721	.0067776	.027458	.0033977
%RSD	1.172890	.1202677	.6362873	.3480993	2.009546	.9490464	.4216713

#1	11.47777	6.698250	.2897758	.4520628	.3315627	2.871842	.8018658
#2	11.75020	6.714327	.2932043	.4498931	.3354876	2.883609	.8079678
#3	11.61312	6.707438	.2927282	.4529488	.3447614	2.924180	.8075068

Sample Name: K3620-02MSD Acquired: 07/15/2019 14:36:21 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CL-01-071219 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2210794	.2264384	.3663540
Stddev	.0016217	.0032662	.0041432
%RSD	.7335360	1.442443	1.130919

#1	.2192473	.2226683	.3616477
#2	.2216605	.2282326	.3679631
#3	.2223306	.2284143	.3694512

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2111.705	3098.919	46369.42	9044.405	3385.958
Stddev	24.216	2.646	502.80	45.881	1.810
%RSD	1.146770	.0853962	1.084329	.5072905	.0534442

#1	2105.168	3096.857	46530.91	9081.731	3383.918
#2	2091.429	3101.903	45805.71	8993.182	3386.584
#3	2138.519	3097.997	46771.62	9058.303	3387.371

Sample Name: K3620-02A Acquired: 07/15/2019 14:40:02 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.8161716	2.099355	1.066897	1.780622	.8282026	2.385903	.3338827
Stddev	.0061899	.001873	.004209	.008736	.0027334	.010646	.0032759
%RSD	.7584091	.0892198	.3945221	.4906066	.3300355	.4461971	.9811422

#1	.8231378	2.100557	1.062092	1.789555	.8312505	2.382948	.3305043
#2	.8113032	2.100311	1.068665	1.772098	.8259688	2.377048	.3340985
#3	.8140738	2.097197	1.069933	1.780212	.8273883	2.397715	.3370454

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1978728	.2107800	38.33536	.4399937	.2210467	.3368141	3.483836
Stddev	.0021586	.0005004	.34650	.0015700	.0003098	.0061522	.024854
%RSD	1.090926	.2374231	.9038561	.3568314	.1401310	1.826573	.7134158

#1	.1996371	.2102073	37.97031	.4415198	.2207019	.3344594	3.462125
#2	.1954658	.2110001	38.37605	.4383832	.2211368	.3321871	3.478436
#3	.1985155	.2111327	38.65971	.4400780	.2213014	.3437958	3.510946

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8897682	6.053414	.5478303	.0803001	320.5178	.3349298	.2503029
Stddev	.0076037	.018801	.0006886	.0002003	2.6307	.0029518	.0005714
%RSD	.8545727	.3105914	.1256968	.2494491	.8207547	.8813231	.2282773

#1	.8825025	6.032911	.5470437	.0804352	317.8632	.3315571	.2496812
#2	.8891321	6.057483	.5483244	.0803951	320.5663	.3361899	.2504221
#3	.8976700	6.069847	.5481227	.0800700	323.1238	.3370425	.2508052

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.63556	6.723021	.2926553	.4494077	.3420905	2.902246	.8120929
Stddev	.04608	.013223	.0051972	.0018978	.0021621	.031260	.0020497
%RSD	.3960258	.1966832	1.775889	.4222983	.6320240	1.077096	.2523919

#1	11.64374	6.707757	.2967888	.4508172	.3432420	2.919118	.8098877
#2	11.58594	6.730984	.2868207	.4472498	.3395963	2.866175	.8139397
#3	11.67700	6.730322	.2943564	.4501561	.3434331	2.921444	.8124512

Sample Name: K3620-02A Acquired: 07/15/2019 14:40:02 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2217415	.2289556	.3679543
Stddev	.0059557	.0040617	.0040769
%RSD	2.685883	1.774024	1.108003

#1	.2165720	.2245320	.3641745
#2	.2203984	.2298181	.3674139
#3	.2282541	.2325169	.3722745

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2126.258	3114.456	46355.32	9020.767	3394.902
Stddev	12.416	4.259	60.24	76.489	6.102
%RSD	.5839449	.1367604	.1299616	.8479214	.1797503

#1	2137.707	3109.542	46350.24	8950.850	3396.178
#2	2113.060	3117.094	46297.77	9102.462	3388.262
#3	2128.008	3116.731	46417.94	9008.991	3400.265

Sample Name: K3620-04 Acquired: 07/15/2019 14:43:42 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CL-01-071219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021158	-.005025	.0005726	.0067901	-.000892	.0543501	.0901526
Stddev	.0018816	.000325	.0015203	.0022985	.001982	.0012110	.0007085
%RSD	88.93249	6.463018	265.4985	33.85012	222.1554	2.228086	.7858578

#1	.0002970	-.005271	-.001133	.0079844	-.002549	.0532999	.0894225
#2	.0019958	-.004657	.001784	.0082455	.001304	.0540757	.0901980
#3	.0040545	-.005147	.001067	.0041403	-.001431	.0556747	.0908373

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000403	.0001352	85.54275	.0011531	.0011446	.0027244	.0354249
Stddev	.0000917	.0000695	.79480	.0009738	.0002084	.0007316	.0076822
%RSD	227.6054	51.39250	.9291244	84.44956	18.20369	26.85377	21.68599

#1	-.000049	.0001850	84.73530	.0008476	.0013841	.0026252	.0386022
#2	.000035	.0001647	85.56869	.0003687	.0010052	.0020474	.0410089
#3	.000135	.0000558	86.32426	.0022430	.0010444	.0035005	.0266637

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4812740	2.478768	.0031797	-.000464	262.0861	-.000141	.0246560
Stddev	.0027532	.013249	.0004257	.000303	2.1714	.001991	.0008014
%RSD	.5720571	.5345083	13.38771	65.35532	.8285171	1416.969	3.250335

#1	.4784365	2.473691	.0035151	-.000748	260.0422	-.000790	.0255636
#2	.4814510	2.468808	.0027008	-.000145	261.8503	-.001725	.0240457
#3	.4839343	2.493805	.0033232	-.000498	264.3658	.002094	.0243587

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6238107	.0017751	-.003191	.0002164	.3327705	1.091932	-.003551
Stddev	.1038255	.0025381	.000707	.0003437	.0075600	.015179	.000474
%RSD	16.64376	142.9822	22.17055	158.8090	2.271837	1.390136	13.34482

#1	.6025215	.0007198	-.003811	.0006132	.3281273	1.093852	-.003479
#2	.5322799	-.000065	-.003341	.0000160	.3414939	1.075884	-.003117
#3	.7366308	.004671	-.002420	.0000200	.3286901	1.106060	-.004056

Sample Name: K3620-04 Acquired: 07/15/2019 14:43:42 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CL-01-071219 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001154	.0011346	.1175972
Stddev	.001981	.0019158	.0012180
%RSD	171.6152	168.8563	1.035770

#1	.000993	-.000954	.1162293
#2	-.002911	.002810	.1179981
#3	-.001546	.001548	.1185643

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2066.321	3084.000	45400.63	9044.623	3375.676
Stddev	11.768	2.478	117.01	94.311	3.632
%RSD	.5695297	.0803498	.2577198	1.042725	.1075915

#1	2054.900	3083.896	45288.83	9015.694	3376.295
#2	2065.654	3081.576	45390.83	9150.010	3371.775
#3	2078.409	3086.528	45522.23	8968.166	3378.959

Sample Name: K3620-06 Acquired: 07/15/2019 14:47:32 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CL-01-071219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001471	-.004243	.0043039	.0099428	-.001450	.1727035	.0909471
Stddev	.003764	.001086	.0014142	.0007638	.000964	.0154725	.0011257
%RSD	255.8889	25.60377	32.85747	7.681750	66.50530	8.959014	1.237733

#1	-.002803	-.004681	.0035750	.0093321	-.002195	.1812039	.0902371
#2	.002778	-.005042	.0034029	.0107992	-.000361	.1820623	.0903591
#3	-.004387	-.003006	.0059338	.0096972	-.001792	.1548442	.0922450

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000843	.0002538	25.14002	.0007972	.0021261	.0050336	.0918417
Stddev	.0000935	.0000455	.39054	.0006896	.0002070	.0037281	.0028865
%RSD	110.9457	17.90702	1.553474	86.50936	9.738221	74.06296	3.142897

#1	.0001049	.0002819	24.83206	.0010175	.0022600	.0007345	.0903278
#2	-.000018	.0002782	25.00870	.0000243	.0022307	.0069925	.0951702
#3	.000166	.0002014	25.57930	.0013497	.0018876	.0073739	.0900270

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4732049	2.946413	.0038738	.0000955	262.6573	-.002315	.0404107
Stddev	.0062482	.066779	.0002987	.0005577	3.4214	.001656	.0009160
%RSD	1.320398	2.266468	7.710116	583.7852	1.302615	71.54157	2.266693

#1	.4689631	2.871935	.0035344	-.000337	260.2382	-.000420	.0398969
#2	.4702717	2.966351	.0039906	.000725	261.1619	-.003483	.0414683
#3	.4803801	3.000952	.0040964	-.000102	266.5719	-.003042	.0398669

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4281840	.0060379	-.003981	.0000897	.2932377	1.514106	-.001302
Stddev	.0268800	.0029513	.000353	.0000697	.0047790	.011079	.001301
%RSD	6.277673	48.87898	8.857620	77.70149	1.629744	.7317242	99.90577

#1	.4049502	.0040401	-.004345	.0000311	.2884557	1.523407	-.002785
#2	.4219775	.0046459	-.003641	.0001668	.2980138	1.501849	-.000354
#3	.4576244	.0094277	-.003957	.0000713	.2932437	1.517062	-.000768

Sample Name: K3620-06 Acquired: 07/15/2019 14:47:32 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CL-01-071219 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0036850	.0005597	.0996694
Stddev	.0018713	.0007252	.0010532
%RSD	50.78040	129.5559	1.056649

#1	.0021097	-.000022	.0986311
#2	.0057534	.000328	.0996403
#3	.0031919	.001372	.1007368

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2107.771	3128.773	46189.24	9113.404	3427.487
Stddev	16.184	16.663	233.15	41.527	9.628
%RSD	.7678312	.5325800	.5047678	.4556707	.2809141

#1	2125.469	3109.625	46454.84	9106.179	3417.489
#2	2093.725	3139.988	46018.36	9158.069	3436.697
#3	2104.118	3136.705	46094.52	9075.963	3428.274

Sample Name: K3620-08 Acquired: 07/15/2019 14:57:23 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CL-01-071219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001536	-.004768	.0045057	.0065692	-.001974	.0945691	.1045050
Stddev	.002474	.000982	.0013159	.0023113	.001328	.0101520	.0012002
%RSD	161.0297	20.60401	29.20581	35.18415	67.28857	10.73500	1.148415

#1	-.000891	-.005446	.0034216	.0081519	-.003461	.0982493	.1031835
#2	.000551	-.003641	.0041258	.0076387	-.000906	.1023677	.1048041
#3	-.004269	-.005217	.0059698	.0039168	-.001554	.0830902	.1055273

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000315	.0001343	13.45584	.0008219	.0025490	.0072065	.0307678
Stddev	.0000722	.0000168	.15343	.0001566	.0003723	.0011022	.0008241
%RSD	229.1084	12.48957	1.140227	19.05520	14.60661	15.29523	2.678370

#1	.0000687	.0001150	13.28349	.0009165	.0029660	.0067062	.0316987
#2	.0000775	.0001456	13.50653	.0009080	.0024309	.0084702	.0304727
#3	-.000052	.0001422	13.57752	.0006411	.0022500	.0064431	.0301318

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5691831	1.882683	.0148501	-.000452	308.5147	-.001739	.0743020
Stddev	.0080845	.037925	.0003394	.000126	3.7154	.001123	.0005181
%RSD	1.420376	2.014430	2.285361	27.92900	1.204276	64.58988	.6972799

#1	.5606078	1.849758	.0151467	-.000547	304.4491	-.002497	.0748113
#2	.5702757	1.874139	.0149238	-.000309	309.3613	-.002271	.0743192
#3	.5766658	1.924152	.0144800	-.000500	311.7337	-.000449	.0737756

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3819301	.0076566	-.004215	.0000013	.1383838	.8568578	-.001818
Stddev	.1827082	.0021976	.000736	.0001070	.0017064	.0057476	.000243
%RSD	47.83811	28.70152	17.45179	8572.814	1.233107	.6707776	13.38486

#1	.1747052	.0051194	-.003377	.0001168	.1396476	.8510880	-.001595
#2	.5198301	.0089579	-.004514	-.000019	.1390609	.8569025	-.001782
#3	.4512551	.0088925	-.004753	-.000094	.1364427	.8625829	-.002077

Sample Name: K3620-08 Acquired: 07/15/2019 14:57:23 Type: Unk
 Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CL-01-071219 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019098	.0001003	.0663242
Stddev	.0012086	.0020118	.0005406
%RSD	63.28521	2004.968	.8151139

#1	.0028701	-.001517	.0657887
#2	.0005526	-.000535	.0663140
#3	.0023067	.002353	.0668698

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2108.263	3098.601	45932.73	8995.618	3380.503
Stddev	22.080	6.154	296.57	30.821	1.898
%RSD	1.047296	.1986138	.6456600	.3426262	.0561556

#1	2085.757	3098.770	45592.55	9031.054	3378.342
#2	2109.143	3092.364	46068.75	8980.755	3381.268
#3	2129.890	3104.669	46136.89	8975.045	3381.900

Sample Name: K3620-01 Acquired: 07/15/2019 15:05:01 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CL-01-071219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204076	-.005241	.5178348	.0087407	.0024119	103.9715	.5536557
Stddev	.0049709	.001322	.0040141	.0037753	.0014738	.5071	.0024249
%RSD	24.35814	25.22876	.7751646	43.19200	61.10303	.4877123	.4379872

#1	.0261376	-.006074	.5132229	.0088935	.0029733	104.0197	.5539025
#2	.0178352	-.003716	.5205418	.0124373	.0035225	103.4421	.5511167
#3	.0172500	-.005933	.5197397	.0048914	.0007400	104.4528	.5559477

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053910	.0026824	56.21853	.1347749	.1007937	.3669510	205.8002
Stddev	.0001156	.0000997	.48384	.0000358	.0003990	.0001634	1.0309
%RSD	2.144364	3.717651	.8606435	.0265594	.3958154	.0445161	.5009409

#1	.0055239	.0025776	56.17275	.1347385	.1003422	.3668609	205.9026
#2	.0053138	.0026934	55.75921	.1348100	.1010988	.3671395	204.7219
#3	.0053353	.0027761	56.72364	.1347760	.1009400	.3668525	206.7761

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.359144	42.28483	.1838013	-.003567	4.480929	.2868826	.5933877
Stddev	.025203	.25795	.0003926	.000481	.199244	.0015485	.0017306
%RSD	.7502888	.6100334	.2135876	13.47296	4.446494	.5397545	.2916399

#1	3.355306	42.28257	.1840526	-.004014	4.704161	.2858292	.5921182
#2	3.336080	42.02801	.1833489	-.003629	4.321105	.2861581	.5953589
#3	3.386047	42.54390	.1840024	-.003059	4.417522	.2886605	.5926858

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.120758	6.415656	-.016366	.0017189	3.121164	2.807275	.0024389
Stddev	.053278	.020205	.001471	.0005289	.011720	.022187	.0007162
%RSD	.6560742	.3149372	8.987268	30.76785	.3754910	.7903338	29.36442

#1	8.069463	6.420826	-.017586	.0021785	3.114914	2.786296	.0023001
#2	8.116992	6.393368	-.016780	.0018373	3.134684	2.830499	.0018023
#3	8.175819	6.432774	-.014733	.0011408	3.113895	2.805030	.0032143

Sample Name: K3620-01 Acquired: 07/15/2019 15:05:01 Type: Unk
 Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CL-01-071219 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.287850	.1255221	.2858969
Stddev	.015198	.0031245	.0015001
%RSD	.6642786	2.489166	.5246831

#1	2.279789	.1261378	.2851624
#2	2.278381	.1221356	.2849057
#3	2.305380	.1282928	.2876227

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2458.678	3619.844	53138.12	10545.07	3505.423
Stddev	5.476	7.120	183.28	102.62	.851
%RSD	.2227114	.1967008	.3449216	.9731495	.0242655

#1	2462.528	3613.392	53330.56	10461.62	3504.533
#2	2461.098	3618.657	52965.63	10659.65	3505.507
#3	2452.410	3627.483	53118.17	10513.95	3506.228

Sample Name: K3620-10 Acquired: 07/15/2019 15:01:11 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CL-01-071219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000761	-.002192	.0056573	.0073835	-.001915	.0861721	.0969047
Stddev	.003178	.001398	.0010343	.0046607	.002673	.0105748	.0004925
%RSD	417.6440	63.79113	18.28152	63.12329	139.6019	12.27168	.5082445

#1	-.004410	-.003254	.0068510	.0125703	-.001659	.0871275	.0963366
#2	.000726	-.000608	.0050936	.0060335	-.004706	.0751521	.0971668
#3	.001401	-.002712	.0050275	.0035468	.000621	.0962368	.0972108

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000063	.0002718	34.68008	.0009437	.0011554	.0045963	.0223810
Stddev	.000055	.0000161	.33347	.0004712	.0002779	.0012843	.0041199
%RSD	88.06332	5.928452	.9615591	49.93633	24.05271	27.94195	18.40816

#1	-.000062	.0002552	34.29545	.0012229	.0009591	.0057029	.0176952
#2	-.000008	.0002728	34.85667	.0012087	.0014735	.0031880	.0240123
#3	-.000118	.0002873	34.88812	.0003996	.0010338	.0048979	.0254354

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5946061	3.249721	.0025662	-.000369	240.4834	-.001833	.0350193
Stddev	.0058019	.052656	.0002594	.000158	2.1291	.002033	.0001469
%RSD	.9757510	1.620326	10.11013	42.77073	.8853314	110.9362	.4194718

#1	.5879883	3.196786	.0026133	-.000263	238.0324	.000351	.0349281
#2	.5988180	3.302093	.0022865	-.000294	241.5433	-.003671	.0351887
#3	.5970120	3.250283	.0027989	-.000551	241.8745	-.002178	.0349410

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2687633	.0024701	-.005889	-.000331	.2271546	1.435419	-.004548
Stddev	.1129807	.0013782	.000985	.000305	.0043034	.006796	.001988
%RSD	42.03724	55.79686	16.71839	92.04195	1.894498	.4734478	43.70703

#1	.1844089	.0018845	-.006423	.000001	.2290720	1.437397	-.006825
#2	.3971257	.0040444	-.004753	-.000598	.2222258	1.427854	-.003665
#3	.2247554	.0014813	-.006492	-.000398	.2301662	1.441007	-.003155

Sample Name: K3620-10 Acquired: 07/15/2019 15:01:11 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CL-01-071219 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000766	-.003269	.1647339
Stddev	.000724	.002755	.0012772
%RSD	94.61780	84.25914	.7753306

#1	-.000848	-.005246	.1632643
#2	-.001445	-.000123	.1653613
#3	-.000003	-.004439	.1655761

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2118.998	3150.181	46186.56	9051.590	3447.958
Stddev	18.793	3.600	189.38	13.057	5.662
%RSD	.8868596	.1142789	.4100325	.1442511	.1642276

#1	2140.130	3148.960	46374.15	9037.173	3452.540
#2	2104.160	3147.350	45995.44	9054.977	3449.706
#3	2112.705	3154.233	46190.07	9062.620	3441.628

Sample Name: K3620-07 Acquired: 07/15/2019 15:16:12 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CL-01-071219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226570	-.000020	.3130950	.0025232	.0023538	96.64758	.5171880
Stddev	.0044374	.002704	.0026807	.0008485	.0014633	.82793	.0051388
%RSD	19.58528	13289.51	.8562068	33.63014	62.16757	.8566521	.9935944

#1	.0275168	-.000797	.3113503	.0016745	.0032277	95.75347	.5115181
#2	.0188209	-.002251	.3161817	.0033716	.0031692	96.80155	.5185078
#3	.0216332	.002987	.3117530	.0025233	.0006645	97.38772	.5215382

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048811	.0020313	98.61347	.1090305	.0788445	.2448371	143.2479
Stddev	.0000569	.0000906	.77817	.0006789	.0001866	.0037513	.7845
%RSD	1.166617	4.462686	.7891153	.6226219	.2366317	1.532145	.5476693

#1	.0048530	.0021209	97.72331	.1090179	.0789278	.2436215	142.3437
#2	.0048436	.0020333	98.95237	.1097156	.0786309	.2418444	143.6515
#3	.0049466	.0019396	99.16472	.1083580	.0789750	.2490454	143.7484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.402451	65.66367	.1441063	-.002566	5.610449	.2633693	.5067217
Stddev	.021416	.68245	.0008109	.000371	.127504	.0014488	.0009762
%RSD	.6294256	1.039310	.5627157	14.47445	2.272612	.5500884	.1926527

#1	3.377726	64.88065	.1444702	-.002993	5.713516	.2617197	.5078436
#2	3.415165	65.97833	.1446716	-.002323	5.467865	.2639536	.5060655
#3	3.414464	66.13202	.1431772	-.002381	5.649964	.2644347	.5062560

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.216267	4.500987	-.041417	.0022632	2.307977	2.346852	-.001458
Stddev	.024649	.003059	.004479	.0001133	.000621	.018524	.002030
%RSD	.3965305	.0679695	10.81440	5.007714	.0268879	.7893327	139.2794

#1	6.244668	4.504235	-.046389	.0023939	2.307889	2.367433	-.001348
#2	6.203693	4.498160	-.040162	.0021920	2.308637	2.341608	-.003541
#3	6.200440	4.500565	-.037699	.0022038	2.307405	2.331515	.000515

Sample Name: K3620-07 Acquired: 07/15/2019 15:16:12 Type: Unk
 Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CL-01-071219 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.467082	.1020733	.2209160
Stddev	.013290	.0029728	.0011000
%RSD	.9059100	2.912433	.4979151

#1	1.453816	.0986491	.2198322
#2	1.467034	.1039946	.2208843
#3	1.480397	.1035762	.2220315

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2366.413	3506.340	51337.25	10086.48	3448.654
Stddev	5.046	7.064	227.21	62.12	7.075
%RSD	.2132424	.2014536	.4425744	.6158824	.2051641

#1	2369.256	3501.516	51366.06	10017.14	3449.937
#2	2360.587	3514.448	51097.02	10105.28	3455.000
#3	2369.396	3503.056	51548.68	10137.04	3441.025

Sample Name: CCV04 Acquired: 07/15/2019 15:19:58 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15251 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.994734	4.987836	4.924623	5.001287	4.999251	9.715710	10.05085
Stddev	.003868	.005581	.018165	.011502	.010929	.230802	.22385
%RSD	.0774396	.1118964	.3688660	.2299711	.2186100	2.375551	2.227222

#1	4.999012	4.984729	4.921874	5.004119	4.994907	9.496317	9.86282
#2	4.993705	4.984498	4.907989	5.011108	5.011684	9.694373	9.99125
#3	4.991484	4.994279	4.944006	4.988634	4.991162	9.956439	10.29847

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2404471	2.442012	24.66914	.9810600	2.452129	1.222942	4.975073
Stddev	.0033954	.007195	.59550	.0012385	.005672	.020281	.064867
%RSD	1.412103	.2946255	2.413948	.1262464	.2313141	1.658346	1.303845

#1	.2388002	2.441092	24.21164	.9812131	2.450796	1.204911	4.932332
#2	.2381893	2.435321	24.45332	.9797520	2.447242	1.219016	4.943173
#3	.2443519	2.449622	25.34246	.9822149	2.458349	1.244898	5.049713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.473263	24.30978	2.456994	1.254825	24.19574	2.444951	2.469803
Stddev	.057750	.55573	.007457	.008002	.43106	.054629	.009180
%RSD	2.334984	2.286043	.3035086	.6377223	1.781565	2.234369	.3717065

#1	2.426997	23.91174	2.451523	1.260298	23.76676	2.395992	2.479837
#2	2.454807	24.07290	2.453971	1.245641	24.19161	2.434982	2.467747
#3	2.537985	24.94471	2.465488	1.258537	24.62886	2.503878	2.461825

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.96525	5.144525	4.830745	5.008683	4.987856	4.746322	4.941264
Stddev	.43439	.010697	.072820	.014448	.007124	.072778	.020385
%RSD	1.812596	.2079208	1.507431	.2884536	.1428331	1.533357	.4125513

#1	23.55282	5.134946	4.798312	5.002643	4.983562	4.712846	4.935627
#2	23.92423	5.156067	4.779777	5.025171	4.983927	4.696305	4.924290
#3	24.41870	5.142562	4.914147	4.998236	4.996080	4.829814	4.963874

Sample Name: CCV04 Acquired: 07/15/2019 15:19:58 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15251 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.994121	4.939316	5.093616
Stddev	.107093	.104378	.077577
%RSD	2.144389	2.113214	1.523030

#1	4.931324	4.854061	5.014572
#2	4.933263	4.908164	5.096638
#3	5.117777	5.055724	5.169638

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2212.264	3261.711	47631.93	9126.212	3587.846
Stddev	7.733	6.827	249.84	153.304	7.049
%RSD	.3495668	.2093133	.5245301	1.679820	.1964579

#1	2204.740	3258.557	47515.96	9179.561	3584.125
#2	2220.191	3257.031	47918.69	9245.713	3595.976
#3	2211.860	3269.545	47461.15	8953.361	3583.439

Sample Name: CCB04 Acquired: 07/15/2019 15:23:37 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB15251 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044656	.0023179	.0001805	.0040040	-.002219	-.014128	.0010235
Stddev	.0019107	.0011791	.0004580	.0017068	.001559	.014298	.0003888
%RSD	42.78716	50.86859	253.7243	42.62735	70.27778	101.2091	37.98260

#1	.0040236	.0014428	.0005261	.0051952	-.000649	-.029900	.0012642
#2	.0028146	.0036587	-.000339	.0047681	-.002240	-.010468	.0012314
#3	.0065585	.0018522	.000354	.0020487	-.003767	-.002015	.0005750

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001825	-.000089	.0056801	.0004093	.0000284	-.000219	.0039880
Stddev	.0000527	.000047	.0106635	.0003496	.0001845	.001230	.0167118
%RSD	28.85737	52.39267	187.7350	85.40417	649.7483	560.8648	419.0560

#1	.0001653	-.000084	.0179929	.0001985	.0001713	-.000949	-.008038
#2	.0002417	-.000045	-.000549	.0002166	-.000180	-.000910	.023071
#3	.0001407	-.000138	-.000404	.0008129	.000094	.001201	-.003068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000225	-.020413	.0001487	-.000401	.0054179	-.002365	-.001140
Stddev	.000636	.032649	.0003325	.000206	.4593898	.002203	.000172
%RSD	282.6946	159.9404	223.5332	51.40916	8479.165	93.15718	15.09149

#1	.000444	.016196	-.000227	-.000632	-.099770	-.003829	-.001129
#2	-.000296	-.046513	.000268	-.000237	.508279	-.003434	-.001318
#3	-.000823	-.030922	.000405	-.000334	-.392256	.000169	-.000974

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.278814	-.004251	-.004107	.0002006	.0002593	-.004876	-.002074
Stddev	.088372	.000580	.001100	.0001699	.0029884	.000062	.000630
%RSD	31.69569	13.64978	26.78064	84.73018	1152.383	1.264414	30.38106

#1	-.193491	-.004669	-.003827	.0003485	-.000125	-.004828	-.002115
#2	-.369948	-.004495	-.003174	.0002381	.003421	-.004853	-.001424
#3	-.273001	-.003589	-.005320	.0000150	-.002518	-.004945	-.002682

Sample Name: CCB04 Acquired: 07/15/2019 15:23:37 Type: Unk
 Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB15251 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0020322	-.003761	.0003794
Stddev	.0014829	.002753	.0002660
%RSD	72.97343	73.19501	70.10431

#1	.0034336	-.004299	.0006685
#2	.0021835	-.000779	.0003249
#3	.0004793	-.006205	.0001449

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2254.546	3337.945	48436.28	9188.242	3710.924
Stddev	18.163	7.840	208.19	67.783	7.896
%RSD	.8056101	.2348669	.4298151	.7377109	.2127882

#1	2266.085	3339.591	48561.98	9111.903	3718.409
#2	2263.943	3344.831	48550.89	9211.453	3711.690
#3	2233.610	3329.413	48195.97	9241.370	3702.672

Sample Name: K3620-09 Acquired: 07/15/2019 15:27:31 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CL-01-071219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0309448	-.002870	.5490610	.0080067	.0019883	113.0267	.6369954
Stddev	.0020232	.002693	.0028969	.0023106	.0017540	.9504	.0048068
%RSD	6.538109	93.83383	.5276023	28.85885	88.21913	.8408854	.7545968

#1	.0291801	.000117	.5500511	.0056024	.0014425	111.9334	.6314471
#2	.0305013	-.005112	.5513330	.0082071	.0005720	113.4913	.6399012
#3	.0331529	-.003615	.5457989	.0102106	.0039503	113.6555	.6396378

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057440	.0031019	183.7029	.1537109	.0880220	.2403517	161.9113
Stddev	.0000234	.0002182	1.5981	.0003594	.0003529	.0016100	1.5914
%RSD	.4079639	7.034662	.8699638	.2337992	.4008763	.6698522	.9828621

#1	.0057621	.0033081	181.8970	.1533357	.0876563	.2385210	160.0755
#2	.0057524	.0031242	184.9345	.1537450	.0880493	.2415473	162.7600
#3	.0057175	.0028734	184.2773	.1540520	.0883604	.2409867	162.8984

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.461734	73.47624	.1503328	-.002896	5.586952	.2706012	.5561376
Stddev	.047002	.90135	.0004988	.000200	.205733	.0017547	.0015304
%RSD	1.053449	1.226725	.3318215	6.922587	3.682377	.6484388	.2751871

#1	4.407502	72.44920	.1501430	-.003024	5.582206	.2696822	.5544558
#2	4.490690	73.84372	.1508987	-.002998	5.383634	.2694968	.5565084
#3	4.487009	74.13579	.1499567	-.002665	5.795018	.2726245	.5574485

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.814905	5.823011	-.045295	.0045319	3.408408	3.562789	.0020165
Stddev	.146946	.003265	.001880	.0001855	.013648	.035154	.0019246
%RSD	2.156241	.0560680	4.150852	4.093507	.4004195	.9866886	95.44481

#1	6.645846	5.822417	-.043198	.0045594	3.395659	3.524143	.0042318
#2	6.911976	5.820084	-.046830	.0043342	3.406760	3.571358	.0010610
#3	6.886894	5.826532	-.045858	.0047022	3.422805	3.592865	.0007566

Sample Name: K3620-09 Acquired: 07/15/2019 15:27:31 Type: Unk
 Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CL-01-071219 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.302310	.1069680	.5411346
Stddev	.007366	.0027233	.0038174
%RSD	.5656449	2.545927	.7054462

#1	1.293989	.1039958	.5367436
#2	1.307998	.1075650	.5429955
#3	1.304942	.1093434	.5436647

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2374.597	3528.854	51625.53	10308.48	3342.886
Stddev	14.993	8.384	348.26	29.02	2.503
%RSD	.6314026	.2375925	.6745843	.2814771	.0748782

#1	2362.473	3522.160	51438.01	10289.66	3341.358
#2	2369.956	3538.258	51411.21	10293.88	3345.775
#3	2391.362	3526.143	52027.37	10341.89	3341.525

Sample Name: K3740-04 Acquired: 07/15/2019 15:34:56 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: COMP-23 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0893038	.0062572	5.356429	.0086773	.0108003	174.7761	2.577063
Stddev	.0022246	.0009752	.020133	.0047729	.0028378	1.8021	.015152
%RSD	2.491064	15.58553	.3758755	55.00452	26.27497	1.031075	.5879416

#1	.0878284	.0073618	5.344330	.0033165	.0104616	172.7295	2.559571
#2	.0882203	.0058949	5.345286	.0102500	.0081470	175.4742	2.586104
#3	.0918625	.0055150	5.379670	.0124655	.0137922	176.1247	2.585514

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096463	.0154151	531.3086	.4143754	.1814516	1.134874	376.2715
Stddev	.0000466	.0001397	4.1499	.0018022	.0011351	.012193	3.7592
%RSD	.4825700	.9061587	.7810678	.4349147	.6255799	1.074405	.9990745

#1	.0096994	.0155693	526.5451	.4123860	.1824107	1.121505	372.1201
#2	.0096124	.0152969	534.1413	.4158988	.1801984	1.137736	377.2487
#3	.0096272	.0153791	533.2393	.4148415	.1817459	1.145383	379.4456

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.064803	142.7446	.4205888	-.005448	19.64090	.6246634	4.356326
Stddev	.040857	1.4862	.0004699	.000816	.13227	.0056375	.011414
%RSD	.8066948	1.041172	.1117234	14.98412	.6734417	.9024838	.2620120

#1	5.017845	141.1665	.4202689	-.006363	19.50260	.6191107	4.352227
#2	5.084345	142.9495	.4203692	-.004796	19.76617	.6244976	4.369224
#3	5.092221	144.1177	.4211283	-.005184	19.65393	.6303820	4.347528

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.41730	12.17299	-.100590	.0123065	21.14106	3.301790	.1920895
Stddev	.47833	.04702	.005249	.0003028	.08795	.008751	.0020848
%RSD	1.127681	.3862982	5.218321	2.460241	.4160068	.2650236	1.085340

#1	41.86730	12.13570	-.106635	.0126524	21.05914	3.296999	.1914655
#2	42.73617	12.15746	-.097948	.0120895	21.13003	3.296481	.1903880
#3	42.64844	12.22582	-.097187	.0121776	21.23400	3.311890	.1944151

Sample Name: K3740-04 Acquired: 07/15/2019 15:34:56 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: COMP-23 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.401934	.2606180	1.652950
Stddev	.041214	.0027147	.009519
%RSD	.4383571	1.041639	.5758973

#1	9.354360	.2581900	1.642123
#2	9.424674	.2635490	1.656722
#3	9.426769	.2601149	1.660006

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2303.684	3399.923	50609.22	10140.10	3105.990
Stddev	13.850	10.020	147.60	37.07	6.856
%RSD	.6012232	.2947093	.2916398	.3655520	.2207416

#1	2289.966	3388.918	50463.54	10104.42	3103.503
#2	2303.422	3408.518	50605.47	10137.47	3113.743
#3	2317.663	3402.332	50758.66	10178.41	3100.724

Sample Name: K3740-02 Acquired: 07/15/2019 15:31:16 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: COMP-22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0772979	.0059968	1.655917	.0060322	.0129634	176.4441	1.887616
Stddev	.0048073	.0012241	.001950	.0017825	.0021155	2.1038	.021356
%RSD	6.219198	20.41281	.1177672	29.54922	16.31885	1.192359	1.131380

#1	.0718322	.0067888	1.657887	.0073864	.0147219	174.2624	1.864761
#2	.0808702	.0045869	1.655877	.0066973	.0135525	176.6097	1.891023
#3	.0791913	.0066146	1.653987	.0040128	.0106158	178.4603	1.907064

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127164	.0101158	607.8866	.3415908	.1715572	.8376103	312.1623
Stddev	.0001762	.0001051	5.9778	.0013469	.0005189	.0087992	2.5562
%RSD	1.385539	1.039233	.9833678	.3942921	.3024493	1.050508	.8188709

#1	.0129130	.0101957	601.8685	.3400368	.1709594	.8309990	309.9154
#2	.0125727	.0099968	607.9683	.3423130	.1718219	.8342344	311.6280
#3	.0126636	.0101551	613.8231	.3424225	.1718903	.8475975	314.9434

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.723640	197.3972	.3774521	-.003186	14.38373	.5558964	2.326210
Stddev	.037984	2.1064	.0005339	.000228	.20661	.0034162	.008827
%RSD	.8041231	1.067102	.1414492	7.160020	1.436417	.6145308	.3794742

#1	4.689073	195.4916	.3769905	-.003109	14.15357	.5584544	2.318018
#2	4.717544	197.0408	.3773289	-.003443	14.55321	.5520169	2.325054
#3	4.764303	199.6590	.3780368	-.003007	14.44440	.5572179	2.335558

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.44792	11.12810	-.063454	.0147028	21.42442	2.855650	.0210586
Stddev	.64721	.04153	.002111	.0004083	.04812	.008320	.0026834
%RSD	1.524705	.3731855	3.327471	2.776962	.2246132	.2913618	12.74235

#1	41.70770	11.08295	-.065317	.0142998	21.37050	2.863766	.0241417
#2	42.72894	11.13667	-.063885	.0151162	21.46302	2.847139	.0197846
#3	42.90711	11.16467	-.061160	.0146924	21.43974	2.856047	.0192496

Sample Name: K3740-02 Acquired: 07/15/2019 15:31:16 Type: Unk
 Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: COMP-22 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.408694	.2683144	1.419975
Stddev	.067759	.0045586	.011483
%RSD	.7201699	1.698971	.8086622

#1	9.340244	.2634128	1.408046
#2	9.410100	.2691036	1.420927
#3	9.475739	.2724270	1.430952

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2278.342	3372.455	49952.82	10168.62	3070.663
Stddev	10.500	5.398	321.05	26.17	3.189
%RSD	.4608671	.1600684	.6427108	.2573813	.1038519

#1	2288.580	3366.227	50083.66	10141.98	3068.607
#2	2267.598	3375.345	49587.01	10194.30	3074.337
#3	2278.849	3375.793	50187.79	10169.57	3069.046

Sample Name: K3776-03 Acquired: 07/15/2019 15:46:00 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FK-SF-01-006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0707819	-.000236	1.255010	.0023877	.0068541	115.9749	1.116088
Stddev	.0021584	.003220	.007787	.0026665	.0023458	.9694	.001700
%RSD	3.049312	1361.788	.6204546	111.6786	34.22511	.8358847	.1523411

#1	.0709024	-.003550	1.257686	.0038797	.0044716	115.2131	1.114153
#2	.0685659	.002881	1.246238	-.000691	.0069291	117.0661	1.117342
#3	.0728776	-.000040	1.261106	.003974	.0091615	115.6456	1.116769

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092736	.0056699	775.9359	.3283019	.1614644	1.186414	264.9739
Stddev	.0000399	.0001888	8.7243	.0008501	.0007386	.013008	1.4644
%RSD	.4304266	3.330587	1.124356	.2589455	.4574545	1.096427	.5526684

#1	.0093152	.0058791	785.3308	.3275633	.1606141	1.184830	264.1416
#2	.0092699	.0055120	774.3873	.3292312	.1618313	1.200143	266.6648
#3	.0092356	.0056187	768.0897	.3281113	.1619477	1.174271	264.1154

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.196972	219.4205	.8064852	-.005572	8.588387	.5101675	3.113109
Stddev	.017283	1.0386	.0049869	.000511	.182058	.0035679	.009910
%RSD	.4117912	.4733514	.6183477	9.174891	2.119816	.6993592	.3183176

#1	4.187024	218.6262	.8017594	-.005513	8.379802	.5069834	3.121948
#2	4.216928	220.5959	.8059987	-.006110	8.670006	.5140237	3.102396
#3	4.186962	219.0395	.8116975	-.005093	8.715355	.5094955	3.114984

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.44779	7.942798	.0189666	.0138621	29.42286	2.902915	.1710579
Stddev	.21943	.041904	.0047915	.0005426	.13078	.019299	.0022491
%RSD	1.420466	.5275671	25.26273	3.914419	.4444881	.6648044	1.314817

#1	15.29566	7.895552	.0136799	.0141087	29.29225	2.918189	.1685076
#2	15.69933	7.957375	.0201969	.0142376	29.42252	2.909331	.1727579
#3	15.34837	7.975466	.0230229	.0132400	29.55381	2.881226	.1719082

Sample Name: K3776-03 Acquired: 07/15/2019 15:46:00 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FK-SF-01-006 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.162066	.1544737	1.833271
Stddev	.014325	.0018538	.003542
%RSD	.3441698	1.200076	.1932257

#1	4.164678	.1549158	1.830630
#2	4.146615	.1524389	1.831886
#3	4.174905	.1560666	1.837296

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2263.887	3326.154	49787.70	10070.52	3018.262
Stddev	5.997	2.542	159.05	76.39	4.454
%RSD	.2649093	.0764259	.3194532	.7585757	.1475622

#1	2259.366	3326.194	49617.62	9994.40	3021.959
#2	2270.690	3323.592	49812.71	10069.98	3019.509
#3	2261.605	3328.676	49932.76	10147.18	3013.317

Sample Name: K3776-03DUP Acquired: 07/15/2019 15:49:47 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FK-SF-01-006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0626002	.0038804	1.274152	.0055557	.0087451	116.7578	1.099621
Stddev	.0043718	.0013487	.010058	.0025077	.0015030	1.2177	.006512
%RSD	6.983621	34.75689	.7893655	45.13778	17.18736	1.042890	.5921998
#1	.0635316	.0049709	1.264674	.0029300	.0077703	115.3917	1.092749
#2	.0578378	.0023723	1.273077	.0079258	.0079888	117.7289	1.100414
#3	.0664312	.0042979	1.284703	.0058112	.0104760	117.1528	1.105701
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092985	.0057262	765.0515	.3294038	.1612395	1.142926	256.1797
Stddev	.0001190	.0001201	13.6293	.0004706	.0004202	.011634	2.4520
%RSD	1.279391	2.097869	1.781489	.1428734	.2606147	1.017883	.9571392
#1	.0091637	.0056453	755.7009	.3297852	.1609380	1.132666	253.4917
#2	.0093429	.0056691	780.6896	.3288778	.1617194	1.155565	258.2939
#3	.0093888	.0058642	758.7640	.3295483	.1610609	1.140546	256.7536
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.187901	217.9590	.7934829	-.005079	8.513531	.5135637	3.345588
Stddev	.039908	2.2724	.0019315	.000388	.150776	.0026892	.017641
%RSD	.9529438	1.042602	.2434179	7.644755	1.771012	.5236319	.5272836
#1	4.142048	215.3673	.7935068	-.005397	8.340176	.5104897	3.365936
#2	4.214802	219.6105	.7915397	-.005193	8.614144	.5147204	3.336225
#3	4.206854	218.8990	.7954024	-.004646	8.586274	.5154810	3.334602
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.46647	7.954531	.0278826	.0132054	29.55253	2.921015	.1653930
Stddev	.12698	.010854	.0030497	.0002014	.07243	.011501	.0012039
%RSD	.8209742	.1364524	10.93753	1.525206	.2450750	.3937258	.7278741
#1	15.36078	7.952752	.0244266	.0129775	29.47158	2.915902	.1642788
#2	15.60732	7.944677	.0290251	.0132792	29.57481	2.934185	.1652303
#3	15.43131	7.966165	.0301960	.0133595	29.61119	2.912956	.1666700

Sample Name: K3776-03DUP Acquired: 07/15/2019 15:49:47 Type: Unk
 Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: FK-SF-01-006 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.160234	.1520117	1.790293
Stddev	.024714	.0008593	.010429
%RSD	.5940507	.5652880	.5825266

#1	4.144595	.1526180	1.778958
#2	4.147381	.1510283	1.792439
#3	4.188726	.1523888	1.799482

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2244.823	3328.139	49644.94	10034.70	3018.371
Stddev	15.981	5.321	183.46	11.02	2.287
%RSD	.7119235	.1598683	.3695419	.1098057	.0757815

#1	2227.389	3322.494	49441.53	10027.10	3020.098
#2	2258.779	3328.860	49797.88	10029.67	3015.777
#3	2248.300	3333.062	49695.41	10047.34	3019.238

Sample Name: K3776-03LX5 Acquired: 07/15/2019 15:53:33 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.0208405	.0020028	.2332486	.0040889	.0006985	24.17675	.2430188
Stddev	.0027765	.0004719	.0015575	.0039208	.0003395	.39162	.0023005
%RSD	13.32251	23.56189	.6677251	95.88758	48.60426	1.619839	.9466480

#1	.0203954	.0024382	.2344587	.0084476	.0010109	23.95242	.2405523
#2	.0183134	.0015014	.2337956	.0029698	.0003372	23.94887	.2433977
#3	.0238125	.0020688	.2314914	.0008494	.0007473	24.62895	.2451063

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023266	.0006278	175.0269	.0736790	.0292306	.2735013	62.67114
Stddev	.0000040	.0000247	1.6673	.0006247	.0002007	.0019235	.71820
%RSD	.1706538	3.934463	.9525705	.8478851	.6864446	.7032734	1.145984

#1	.0023287	.0006014	173.2219	.0733394	.0291015	.2717840	62.07393
#2	.0023220	.0006318	175.3495	.0744000	.0294618	.2755797	62.47144
#3	.0023290	.0006503	176.5092	.0732976	.0291285	.2731404	63.46806

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9408345	48.00037	.1594049	-.001033	1.740842	.1087879	.6230104
Stddev	.0111171	.62740	.0005403	.000159	.007706	.0007942	.0023747
%RSD	1.181622	1.307071	.3389186	15.40060	.4426381	.7300858	.3811645

#1	.9302251	47.51992	.1596281	-.001190	1.737365	.1079533	.6213926
#2	.9398806	47.77101	.1597977	-.000872	1.749673	.1088758	.6257367
#3	.9523978	48.71017	.1587888	-.001037	1.735488	.1095345	.6219020

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.988171	1.458061	-.006009	.0023771	5.354940	.6451391	.0275377
Stddev	.079805	.003043	.003105	.0002907	.007679	.0032984	.0007577
%RSD	2.670692	.2087266	51.67892	12.23027	.1433969	.5112761	2.751627

#1	3.033524	1.461512	-.007762	.0021417	5.363805	.6431220	.0270965
#2	2.896025	1.456910	-.007841	.0027021	5.350624	.6489456	.0284126
#3	3.034966	1.455761	-.002423	.0022875	5.350390	.6433499	.0271039

Sample Name: K3776-03LX5 Acquired: 07/15/2019 15:53:33 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.8949078	.0295780	.3997612
Stddev	.0111474	.0017318	.0028229
%RSD	1.245652	5.855102	.7061537

#1	.8840035	.0277210	.3965016
#2	.9062834	.0298641	.4013773
#3	.8944366	.0311490	.4014047

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2232.119	3264.515	48265.77	9318.959	3488.178
Stddev	28.342	9.612	406.15	59.247	6.571
%RSD	1.269730	.2944479	.8414824	.6357688	.1883735

#1	2219.211	3258.229	47822.06	9284.386	3484.468
#2	2264.618	3259.735	48619.14	9387.370	3484.302
#3	2212.530	3275.580	48356.12	9285.120	3495.765

Sample Name: K3776-03MS Acquired: 07/15/2019 15:57:19 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FK-SF-01-006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7524817	2.024769	2.162707	1.547010	.0645079	133.0567	1.250734
Stddev	.0018010	.005978	.003526	.002060	.0033734	1.6664	.017152
%RSD	.2393364	.2952478	.1630139	.1331499	5.229367	1.252398	1.371334

#1	.7545582	2.018836	2.158944	1.548784	.0681639	131.5024	1.231185
#2	.7515407	2.024681	2.163245	1.544751	.0638439	132.8516	1.257756
#3	.7513461	2.030791	2.165933	1.547495	.0615160	134.8162	1.263260

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1750007	.2036229	755.4446	.6361049	.3600491	1.187321	216.0194
Stddev	.0027078	.0000709	9.1296	.0013229	.0005803	.010398	2.7818
%RSD	1.547283	.0347974	1.208513	.2079613	.1611592	.8757885	1.287748

#1	.1760747	.2035413	744.9026	.6366593	.3603310	1.183635	213.1598
#2	.1719207	.2036692	760.7437	.6345951	.3593817	1.179268	216.1822
#3	.1770067	.2036582	760.6875	.6370605	.3604345	1.199060	218.7162

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.372650	232.3963	1.161071	.0649369	12.09350	.7979378	1.581845
Stddev	.057288	3.2534	.002222	.0007259	.34468	.0092882	.010584
%RSD	1.310136	1.399924	.1914027	1.117905	2.850125	1.164024	.6690834

#1	4.310048	228.7998	1.160183	.0641018	12.20275	.7888150	1.583134
#2	4.385440	233.2547	1.159430	.0652919	11.70744	.7976155	1.591725
#3	4.422461	235.1343	1.163600	.0654170	12.37032	.8073829	1.570676

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.04093	14.85419	.2789901	.3222409	30.17709	3.202932	.5796419
Stddev	.30464	.02091	.0050335	.0010726	.05671	.032744	.0009488
%RSD	1.169864	.1407654	1.804179	.3328436	.1879243	1.022310	.1636937

#1	25.83264	14.83103	.2770224	.3215413	30.11456	3.198544	.5804400
#2	25.89958	14.85988	.2752378	.3217057	30.22521	3.172603	.5798929
#3	26.39057	14.87167	.2847103	.3234758	30.19149	3.237648	.5785928

Sample Name: K3776-03MS Acquired: 07/15/2019 15:57:19 Type: Unk
 Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: FK-SF-01-006 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.592264	.3683701	1.875419
Stddev	.096569	.0059308	.032879
%RSD	2.102854	1.610026	1.753130

#1	4.481358	.3615395	1.837520
#2	4.657741	.3722119	1.896317
#3	4.637692	.3713589	1.892418

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2288.617	3322.773	50236.60	10076.05	3000.608
Stddev	35.382	5.479	571.33	18.35	2.290
%RSD	1.546014	.1648971	1.137278	.1820937	.0763306

#1	2302.693	3324.807	50441.59	10096.74	3002.517
#2	2248.363	3326.945	49591.06	10069.65	3001.237
#3	2314.795	3316.568	50677.15	10061.76	2998.068

Sample Name: CCV05 Acquired: 07/15/2019 16:04:48 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15252 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.951967	4.983673	4.843324	4.985694	4.983665	9.591846	9.853638
Stddev	.012221	.009031	.010972	.008938	.003590	.165481	.102940
%RSD	.2468002	.1812176	.2265346	.1792751	.0720381	1.725222	1.044688

#1	4.945392	4.976940	4.831026	4.985106	4.983839	9.410086	9.734774
#2	4.944440	4.980143	4.852110	4.977064	4.979990	9.631672	9.912834
#3	4.966068	4.993936	4.846835	4.994912	4.987164	9.733779	9.913307

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2396271	2.421004	24.19836	.9769191	2.425930	1.206345	4.856397
Stddev	.0017925	.001923	.24915	.0022206	.002834	.022616	.031476
%RSD	.7480402	.0794393	1.029595	.2273033	.1168343	1.874754	.6481265

#1	.2398460	2.418946	23.91141	.9753606	2.422813	1.183277	4.820213
#2	.2377352	2.421313	24.35959	.9759350	2.428353	1.207276	4.871535
#3	.2413000	2.422755	24.32410	.9794616	2.426622	1.228480	4.877444

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.425272	23.87298	2.438353	1.230329	24.31847	2.410913	2.429221
Stddev	.028717	.27219	.002783	.002765	.81983	.035386	.010924
%RSD	1.184087	1.140169	.1141485	.2247694	3.371203	1.467751	.4497038

#1	2.392145	23.56416	2.435257	1.228501	23.37538	2.370085	2.441218
#2	2.443123	23.97680	2.440648	1.233510	24.71901	2.429926	2.426600
#3	2.440547	24.07799	2.439154	1.228976	24.86103	2.432729	2.419847

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.70002	5.188526	4.751373	5.030973	5.002613	4.664076	4.916263
Stddev	.46469	.018986	.029340	.010124	.017922	.033870	.006663
%RSD	1.960707	.3659177	.6175003	.2012267	.3582542	.7261949	.1355290

#1	23.24548	5.188855	4.745560	5.036606	4.981923	4.656292	4.920341
#2	23.68035	5.169377	4.725374	5.019286	5.012596	4.634776	4.908574
#3	24.17423	5.207345	4.783184	5.037027	5.013320	4.701161	4.919873

Sample Name: CCV05 Acquired: 07/15/2019 16:04:48 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV15252 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.881534	4.840918	4.988784
Stddev	.025937	.030861	.078143
%RSD	.5313353	.6375127	1.566383

#1	4.901361	4.805860	4.902934
#2	4.891061	4.863980	5.007654
#3	4.852180	4.852915	5.055766

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2223.821	3240.035	47582.27	9113.856	3582.337
Stddev	23.336	5.319	389.21	20.022	1.084
%RSD	1.049383	.1641693	.8179810	.2196840	.0302714

#1	2209.771	3235.112	47565.18	9103.043	3583.584
#2	2210.933	3245.677	47201.88	9101.566	3581.813
#3	2250.759	3239.316	47979.75	9136.959	3581.614

Sample Name: K3776-03MSD Acquired: 07/15/2019 16:01:04 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FK-SF-01-006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7467824	2.018972	2.137888	1.548825	.0633820	133.4093	1.270657
Stddev	.0068798	.001933	.003272	.004747	.0034684	.9786	.006804
%RSD	.9212562	.0957430	.1530365	.3064871	5.472258	.7334961	.5354606

#1	.7515627	2.020905	2.139347	1.543461	.0631092	132.3587	1.263865
#2	.7498871	2.017039	2.134140	1.552484	.0669788	133.5744	1.270632
#3	.7388975	2.018973	2.140176	1.550531	.0600581	134.2948	1.277473

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1748400	.2028845	796.9560	.6315173	.3551901	1.127825	216.2108
Stddev	.0013646	.0001699	8.6168	.0013004	.0002921	.005560	1.1900
%RSD	.7804642	.0837643	1.081220	.2059086	.0822374	.4929492	.5503905

#1	.1762790	.2028618	791.9047	.6303974	.3549736	1.122697	214.8475
#2	.1746764	.2030647	792.0578	.6329434	.3550745	1.127044	216.7431
#3	.1735646	.2027271	806.9055	.6312110	.3555223	1.133733	217.0416

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.399454	249.4111	1.131800	.0649633	11.95448	.8015747	1.553661
Stddev	.018539	1.6841	.000963	.0005704	.18370	.0103011	.010081
%RSD	.4213943	.6752276	.0851009	.8780159	1.536692	1.285108	.6488640

#1	4.379022	247.7104	1.131142	.0653966	11.81010	.7918419	1.546087
#2	4.404139	249.4449	1.131353	.0643171	11.89210	.8005193	1.549793
#3	4.415201	251.0780	1.132906	.0651762	12.16126	.8123629	1.565104

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.15524	14.76879	.3010246	.3214424	30.85157	3.125443	.5741191
Stddev	.05502	.02171	.0007948	.0011421	.04674	.018526	.0013629
%RSD	.2103449	.1469705	.2640423	.3553086	.1514853	.5927420	.2373924

#1	26.13718	14.76171	.3008511	.3204131	30.79946	3.143988	.5742594
#2	26.21702	14.75152	.3018919	.3212430	30.86546	3.125405	.5754065
#3	26.11152	14.79316	.3003309	.3226710	30.88979	3.106936	.5726915

Sample Name: K3776-03MSD Acquired: 07/15/2019 16:01:04 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FK-SF-01-006 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.551822	.3688253	1.932515
Stddev	.022186	.0016884	.008156
%RSD	.4874012	.4577679	.4220534

#1	4.537913	.3670584	1.926758
#2	4.540146	.3689953	1.928939
#3	4.577407	.3704223	1.941849

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2257.122	3300.993	49887.76	9955.512	2990.356
Stddev	18.422	4.129	116.48	42.782	3.474
%RSD	.8161666	.1250805	.2334795	.4297324	.1161644

#1	2268.762	3296.604	49948.32	9906.589	2986.426
#2	2266.720	3301.576	49961.48	9985.905	2991.630
#3	2235.883	3304.800	49753.47	9974.043	2993.014

Sample Name: K3778-01 Acquired: 07/15/2019 16:16:06 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: STOCKPILE-CO Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0389666	-.011677	.2832152	.0092975	.0127769	260.5584	1.246572
Stddev	.0016233	.003527	.0026336	.0037652	.0006500	2.4232	.008305
%RSD	4.165766	30.20943	.9298821	40.49670	5.087538	.9300091	.6662386

#1	.0376154	-.007639	.2820202	.0095016	.0135275	257.7975	1.237872
#2	.0407672	-.013233	.2862344	.0054344	.0123929	261.5451	1.247430
#3	.0385172	-.014158	.2813910	.0129565	.0124104	262.3326	1.254416

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157680	.0061308	32.88113	.3005633	.2338519	.4392729	460.9677
Stddev	.0001003	.0003248	.30710	.0008153	.0002764	.0048763	3.1957
%RSD	.6363469	5.297401	.9339553	.2712468	.1181997	1.110083	.6932635

#1	.0157721	.0064820	32.57148	.3000992	.2338133	.4336680	457.2904
#2	.0156656	.0058413	32.88632	.3015046	.2335969	.4425412	462.5402
#3	.0158662	.0060690	33.18560	.3000860	.2341456	.4416096	463.0725

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.139155	69.13684	.3740840	-.009872	4.014845	.6011464	.8208224
Stddev	.065950	.68114	.0005089	.000220	.350751	.0049052	.0055379
%RSD	.8102791	.9852114	.1360461	2.230409	8.736345	.8159762	.6746752

#1	8.063213	68.35046	.3735638	-.009942	4.175110	.5969032	.8272157
#2	8.172227	69.51708	.3741074	-.009626	3.612590	.6000188	.8177338
#3	8.182025	69.54297	.3745808	-.010049	4.256834	.6065172	.8175176

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.87261	8.088725	.0820175	-.000642	1.561496	4.473473	.0008329
Stddev	.14409	.014712	.0096232	.000326	.008908	.018489	.0015181
%RSD	1.119336	.1818887	11.73307	50.75752	.5704839	.4133000	182.2708

#1	12.70626	8.075301	.0712815	-.001018	1.571439	4.486858	.0014490
#2	12.95841	8.086422	.0849034	-.000438	1.554242	4.452377	.0019460
#3	12.95316	8.104454	.0898674	-.000470	1.558807	4.481186	-.000896

Sample Name: K3778-01 Acquired: 07/15/2019 16:16:06 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: STOCKPILE-CO Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.935322	.3132857	.1470537
Stddev	.009735	.0018427	.0010852
%RSD	.3316652	.5881975	.7379870

#1	2.927997	.3121833	.1458117
#2	2.931601	.3154130	.1475304
#3	2.946370	.3122607	.1478190

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2625.998	3833.805	56467.22	10998.54	3344.931
Stddev	22.613	4.802	452.40	60.58	4.664
%RSD	.8611163	.1252542	.8011651	.5507702	.1394203

#1	2604.620	3837.695	56439.15	10929.54	3340.573
#2	2623.702	3835.283	56029.51	11042.96	3344.372
#3	2649.670	3828.438	56933.00	11023.13	3349.850

Sample Name: K3807-01 Acquired: 07/15/2019 16:19:48 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FK-PS-01-053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0515340	-.000171	.1042089	.0061672	.0005249	63.79760	.1310208
Stddev	.0010053	.000376	.0013173	.0009562	.0016305	.51127	.0008759
%RSD	1.950690	220.1814	1.264122	15.50506	310.6265	.8013884	.6684986

#1	.0516214	-.000219	.1048550	.0060154	.0019266	63.21203	.1300109
#2	.0504880	-.000521	.1026932	.0071902	.0009127	64.15536	.1314790
#3	.0524928	.000227	.1050783	.0052959	-.001265	64.02541	.1315726

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017406	.0017934	29.39883	.2045113	.0051685	.0985902	110.8087
Stddev	.0001103	.0000980	.20747	.0008144	.0004039	.0017748	.7763
%RSD	6.337095	5.463643	.7057231	.3982024	7.814158	1.800178	.7005633

#1	.0017347	.0018906	29.18332	.2039190	.0053312	.0997078	109.9143
#2	.0018537	.0017949	29.41597	.2054399	.0047086	.0995191	111.3075
#3	.0016333	.0016947	29.59721	.2041749	.0054656	.0965437	111.2043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3365583	3.528715	.0173674	-.001723	1.022482	.2665819	.2041412
Stddev	.0022677	.041146	.0003369	.000272	.165875	.0059337	.0009513
%RSD	.6737940	1.166021	1.939829	15.79883	16.22277	2.225845	.4659880

#1	.3340282	3.483807	.0173634	-.001411	.930879	.2601412	.2030605
#2	.3384077	3.537737	.0170324	-.001844	1.213959	.2718263	.2045116
#3	.3372390	3.564601	.0177062	-.001912	.922610	.2677783	.2048516

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.907009	2.100647	-.013515	.0032080	4.880726	6.589196	.0002100
Stddev	.019886	.002432	.002022	.0003157	.013445	.052673	.0008344
%RSD	.6840594	.1157853	14.96257	9.840162	.2754630	.7993881	397.4136

#1	2.884420	2.103455	-.014805	.0029083	4.875256	6.625370	-.000432
#2	2.914733	2.099182	-.014556	.0035375	4.870880	6.613454	-.000091
#3	2.921874	2.099304	-.011184	.0031782	4.896044	6.528765	.001153

Sample Name: K3807-01 Acquired: 07/15/2019 16:19:48 Type: Unk
 Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: FK-PS-01-053 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4597846	.0083765	.1163783
Stddev	.0087008	.0017502	.0007506
%RSD	1.892371	20.89380	.6449221

#1	.4557631	.0064036	.1155131
#2	.4697688	.0097421	.1167672
#3	.4538220	.0089840	.1168546

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2326.000	3434.238	50298.73	9799.500	3569.800
Stddev	18.562	14.728	339.41	40.149	7.829
%RSD	.7980283	.4288699	.6747965	.4097085	.2193111

#1	2322.095	3421.727	50181.57	9774.925	3561.724
#2	2346.204	3430.516	50681.20	9777.742	3570.318
#3	2309.701	3450.470	50033.41	9845.832	3577.357

Sample Name: CCB06 Acquired: 07/15/2019 16:31:11 Type: Unk
Method: NON EPA-6010-200.7(v119) 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	.0031151	.0015959	-.001066	.0014837	-.001682	-.015926	.0010454
Stddev	.0030093	.0012737	.001919	.0026507	.000653	.004400	.0003159
%RSD	96.60318	79.81034	179.9839	178.6553	38.84980	27.62859	30.21910

#1	.0044146	.0029130	.000119	.0023383	-.002235	-.019597	.0009093
#2	.0052562	.0015042	-.003281	.0036017	-.001849	-.017132	.0008203
#3	-.000326	.0003705	-.000038	-.001489	-.000961	-.011049	.0014065

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001115	-.000036	.0062954	.0000556	.0001419	-.000165	.0067785
Stddev	.0000729	.000046	.0145814	.0004347	.0001763	.003069	.0045327
%RSD	65.40552	128.9424	231.6205	782.3628	124.2631	1856.276	66.86790

#1	.0000606	-.000020	-.005123	-.000386	-.000014	-.003520	.0093479
#2	.0001951	-.000088	.022721	.000071	.000333	.000522	.0094427
#3	.0000789	.000000	.001289	.000483	.000106	.002502	.0015450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000113	-.006822	.0002521	.0002731	.3094237	-.001863	-.001443
Stddev	.000374	.015706	.0003584	.0002943	.2135471	.005108	.000168
%RSD	330.2440	230.2166	142.1713	107.7850	69.01446	274.2457	11.63452

#1	.000051	-.013998	.0000429	.0006129	.3108669	-.001799	-.001532
#2	-.000542	-.017659	.0000475	.0000971	.5222455	.003213	-.001548
#3	.000151	.011190	.0006659	.0001093	.0951586	-.007003	-.001249

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.331171	-.003681	.0011271	.0003566	-.001604	.0003732	-.001063
Stddev	.047413	.000263	.0012018	.0002789	.005689	.0016260	.000711
%RSD	14.31687	7.143908	106.6276	78.22621	354.5994	435.7217	66.90022

#1	-.381698	-.003439	.0024186	.0006745	-.001029	.0021384	-.001733
#2	-.287652	-.003644	.0009211	.0002424	.003775	.0000444	-.001138
#3	-.324162	-.003961	.0000416	.0001529	-.007559	-.001063	-.000317

Sample Name: CCB06 Acquired: 07/15/2019 16:31:11 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009597	-.003374	.0003800
Stddev	.0017330	.002831	.0001608
%RSD	180.5662	83.89801	42.30369

#1	-.000966	-.002800	.0005599
#2	.001451	-.006448	.0003297
#3	.002394	-.000874	.0002504

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2292.858	3335.454	49063.47	9210.155	3719.849
Stddev	7.342	7.825	220.91	38.891	9.682
%RSD	.3202237	.2346082	.4502552	.4222602	.2602822

#1	2295.921	3334.902	48855.59	9168.015	3711.799
#2	2298.172	3327.920	49295.43	9244.666	3717.155
#3	2284.480	3343.541	49039.37	9217.783	3730.593

Sample Name: CCV06 Acquired: 07/15/2019 16:27:14 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB8406 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.003382	5.014875	4.909997	5.016033	5.009317	9.637548	9.943345
Stddev	.017531	.015018	.009699	.013917	.012088	.139724	.067574
%RSD	.3503820	.2994664	.1975293	.2774419	.2413116	1.449789	.6795853

#1	4.993315	5.014699	4.921015	5.005465	5.010133	9.510014	9.873766
#2	5.023625	5.029980	4.902752	5.031801	5.020976	9.786896	10.00872
#3	4.993206	4.999945	4.906224	5.010834	4.996841	9.615734	9.94755

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2402891	2.443393	24.42559	.9844772	2.447542	1.213533	4.908202
Stddev	.0021023	.003283	.16110	.0014321	.001856	.015502	.027904
%RSD	.8748886	.1343586	.6595693	.1454652	.0758255	1.277463	.5685076

#1	.2426764	2.444673	24.26851	.9837984	2.448300	1.196128	4.880028
#2	.2394766	2.439664	24.59043	.9861224	2.445427	1.225859	4.935827
#3	.2387144	2.445844	24.41783	.9835107	2.448899	1.218611	4.908749

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.449998	24.13951	2.457945	1.251842	24.23623	2.435337	2.485984
Stddev	.015907	.19894	.000782	.008847	.31868	.024490	.012635
%RSD	.6492470	.8241451	.0318338	.7067258	1.314911	1.005621	.5082330

#1	2.432959	23.95212	2.457781	1.249139	24.03440	2.407537	2.486974
#2	2.464456	24.34828	2.457258	1.261725	24.60362	2.453726	2.498094
#3	2.452579	24.11813	2.458797	1.244662	24.07066	2.444747	2.472883

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.87046	5.238118	4.851672	5.030882	5.040505	4.775619	4.949682
Stddev	.23384	.016036	.039689	.008822	.018811	.033231	.005643
%RSD	.9796340	.3061427	.8180547	.1753518	.3731904	.6958559	.1140055

#1	23.60830	5.252370	4.893861	5.025738	5.042552	4.811496	4.954364
#2	24.05755	5.241230	4.846081	5.041068	5.058208	4.769470	4.951266
#3	23.94554	5.220754	4.815075	5.025840	5.020754	4.745892	4.943416

Sample Name: CCV06 Acquired: 07/15/2019 16:27:14 Type: Unk
Method: NON EPA-6010-200.7(v119) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB8406 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.917134	4.863040	5.027548
Stddev	.015950	.023180	.057362
%RSD	.3243688	.4766498	1.140948

#1	4.903316	4.837065	4.961359
#2	4.913497	4.881619	5.062801
#3	4.934588	4.870436	5.058483

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2207.695	3249.835	47457.13	9130.143	3578.162
Stddev	14.599	3.892	332.43	110.196	.824
%RSD	.6612848	.1197628	.7004787	1.206944	.0230188

#1	2208.962	3252.559	47432.11	9018.777	3578.409
#2	2192.504	3245.378	47137.93	9132.522	3578.834
#3	2221.620	3251.570	47801.37	9239.130	3577.243