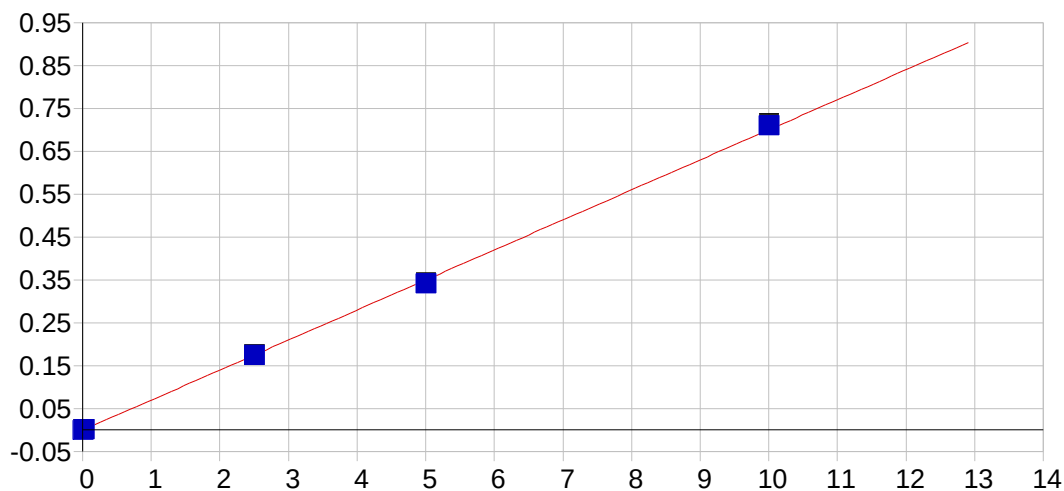


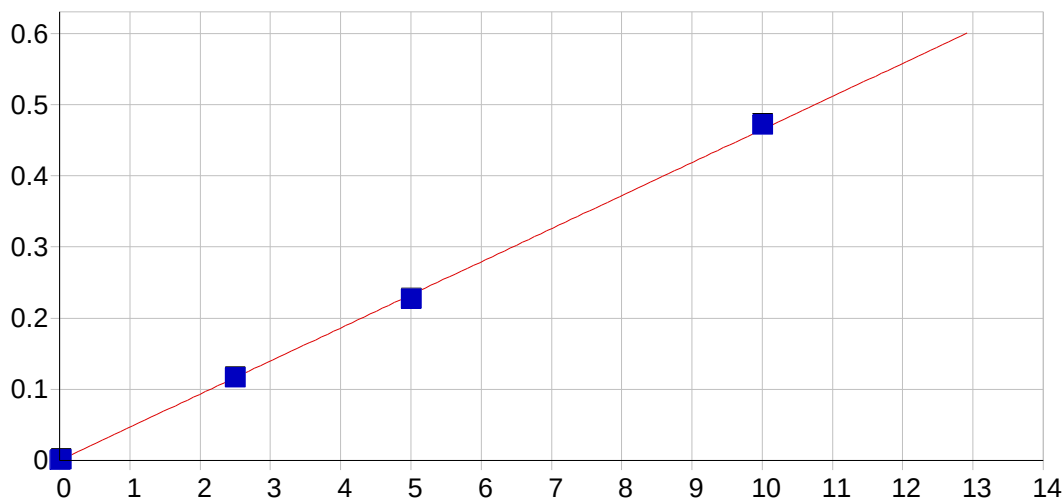


As 189.042 {478}

Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000169 Re-Slope: 1.000000
 A1 (Gain): 0.070048 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.003825
 Predicted MQL: 0.012751

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.02000	.02040	.000	2.01	.00126	.000	1
S3	2.5000	2.4906	-.009	-.376	.17428	.000	1
S4	5.0000	4.8745	-.126	-2.51	.34125	.001	1
S5	10.000	10.135	.135	1.35	.70968	.004	1



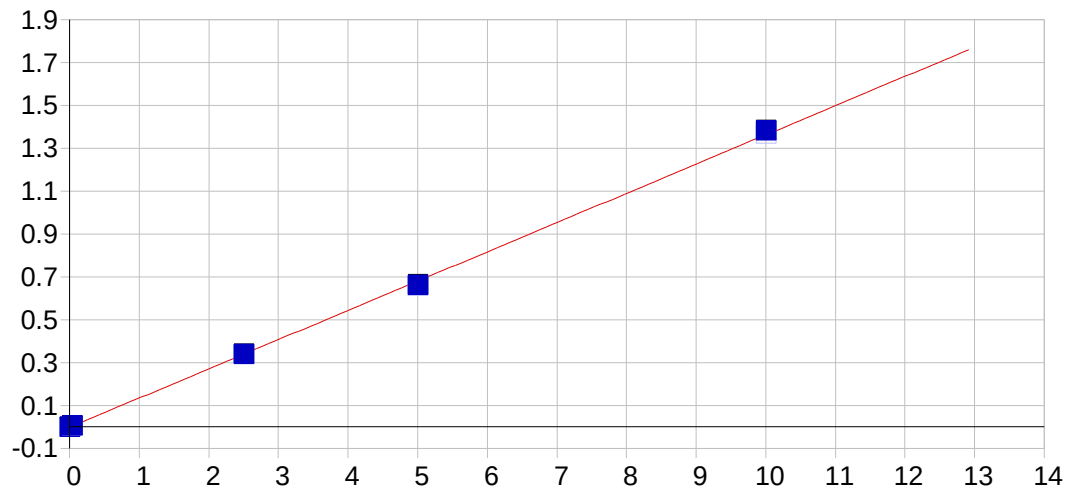
As 189.042 {479}

Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000332 Re-Slope: 1.000000

A1 (Gain): 0.046453 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999861 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.003716
 Predicted MQL: 0.012387

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00033	.000	1
S1	.02000	.01996	-.000	-.201	.00126	.000	1
S3	2.5000	2.4951	-.005	-.196	.11624	.000	1
S4	5.0000	4.8744	-.126	-2.51	.22677	.000	1
S5	10.000	10.131	.131	1.31	.47093	.002	1

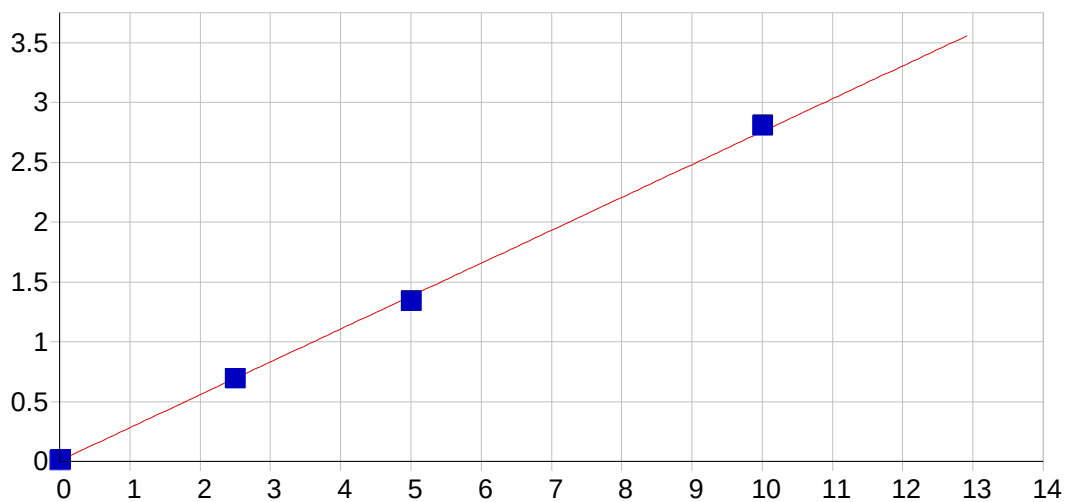


TI 190.856 {477}

Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001498 Re-Slope: 1.000000
 A1 (Gain): 0.136414 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999844 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.001696
 Predicted MQL: 0.005653

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00150	.000	1
S1	.04000	.03977	-.000	-.574	.00378	.000	1
S3	2.5000	2.4993	-.001	-.027	.33592	.001	1
S4	5.0000	4.8668	-.133	-2.66	.65535	.001	1
S5	10.000	10.134	.134	1.34	1.3668	.004	1

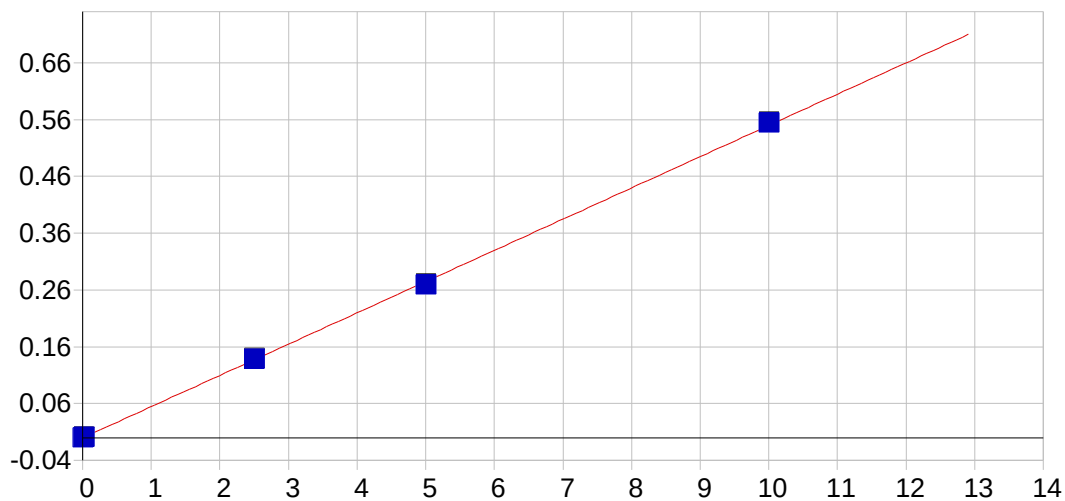


Pb 220.353 {453}

Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007005 Re-Slope: 1.000000
 A1 (Gain): 0.274891 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999762 Status: OK.
 Std Error of Est: 0.000112
 Predicted MDL: 0.001342
 Predicted MQL: 0.004474

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00701	.000	1
S1	.01200	.01066	-.001	-11.2	.00987	.000	1
S3	2.5000	2.4804	-.020	-.786	.68790	.000	1
S4	5.0000	4.8439	-.156	-3.12	1.3367	.002	1
S5	10.000	10.177	.177	1.77	2.8008	.006	1



Se 196.090 {472}

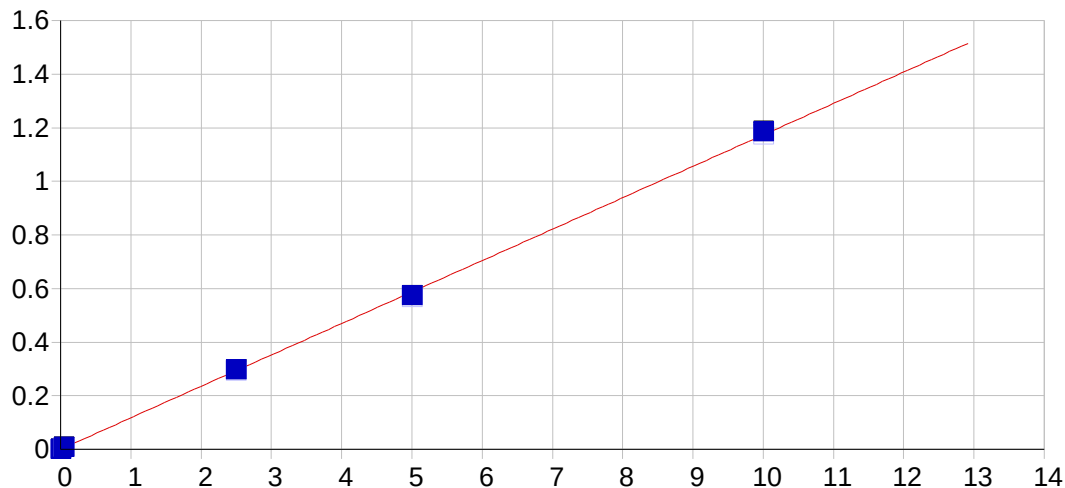
Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000497 Re-Slope: 1.000000
 A1 (Gain): 0.055022 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918
 Std Error of Est: 0.000017
 Predicted MDL: 0.004538
 Predicted MQL: 0.015125

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00050	.000	1
S1	.02000	.01977	-.000	-1.16	.00059	.000	1
S3	2.5000	2.5249	.025	.996	.13840	.000	1
S4	5.0000	4.8993	-.101	-2.01	.26901	.000	1
S5	10.000	10.076	.076	.760	.55378	.001	1



Sb 206.833 {463}

Date of Fit: 7/31/2019 16:44:20

Type of Fit: Linear

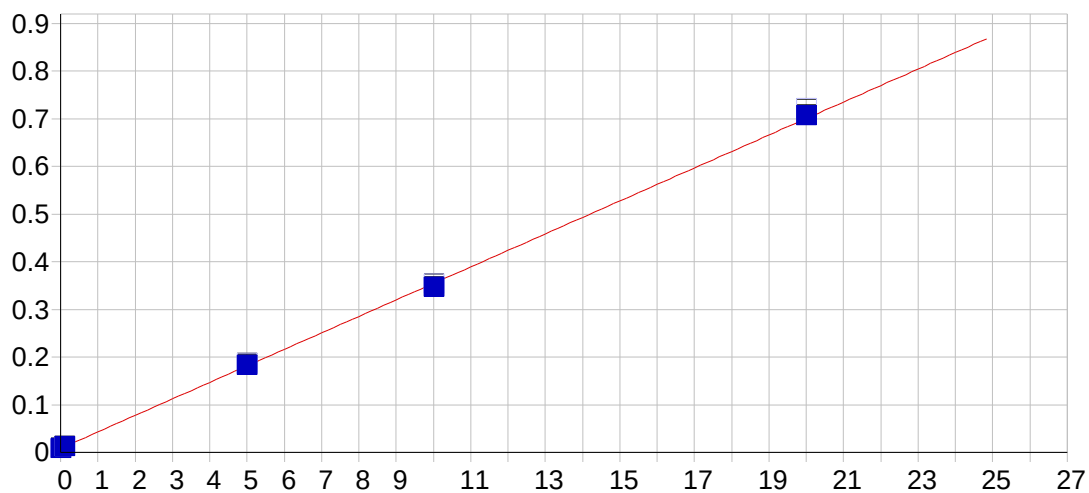
Weighting: 1/Conc

A0 (Offset): 0.000470
 A1 (Gain): 0.117268
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892
 Std Error of Est: 0.000065
 Predicted MDL: 0.002610
 Predicted MQL: 0.008701

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00047	.000	1
S1	.05000	.05159	.002	3.17	.00637	.000	1
S3	2.5000	2.5142	.014	.566	.29200	.000	1
S4	5.0000	4.8858	-.114	-2.28	.56683	.001	1
S5	10.000	10.098	.098	.984	1.1715	.002	1

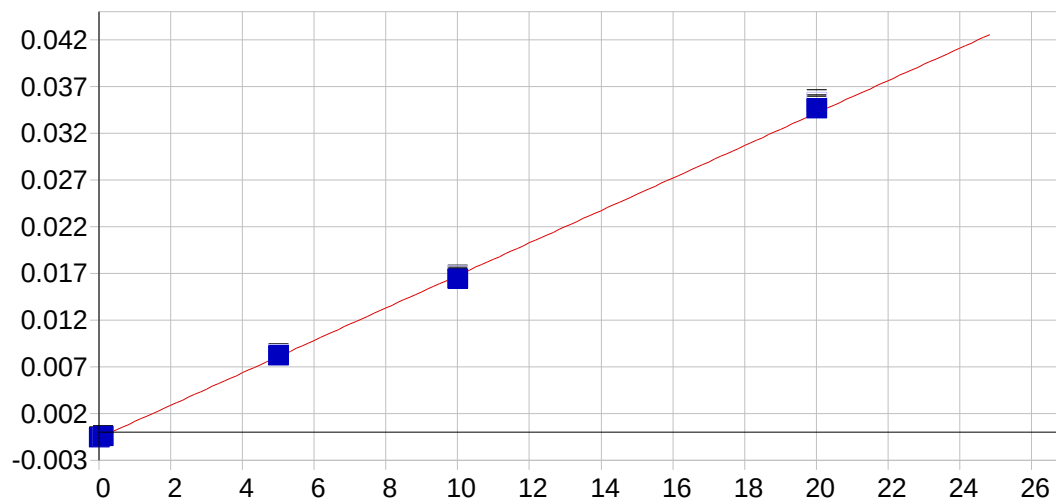


AI 308.215 {109}

Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008461 Re-Slope: 1.000000
 A1 (Gain): 0.034612 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.004164
 Predicted MQL: 0.013880

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00846	.000	1
S1	.10000	.11168	.012	11.7	.01257	.000	1
S3	5.0000	5.0355	.036	.711	.18620	.000	1
S4	10.000	9.7678	-.232	-2.32	.35344	.000	1
S5	20.000	20.184	.184	.922	.72086	.000	1



AI 309.271 {109}

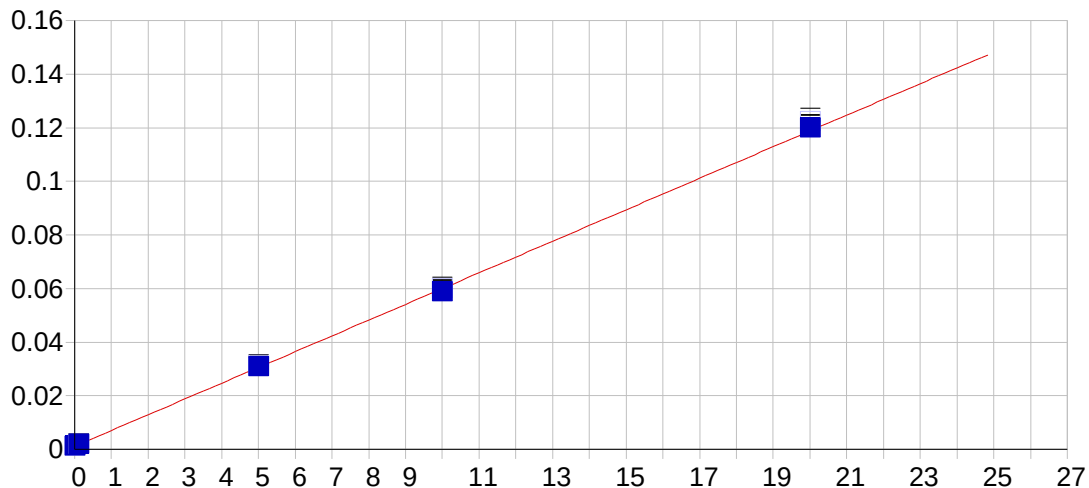
Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000588 Re-Slope: 1.000000
 A1 (Gain): 0.001737 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999721
 Std Error of Est: 0.000003
 Predicted MDL: 0.050880
 Predicted MQL: 0.169601

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.00059	.000	1
S1	.10000	.06682	-.033	-33.2	-.00046	.000	1
S3	5.0000	5.0339	.034	.678	.00833	.000	1
S4	10.000	9.7535	-.247	-2.47	.01670	.000	1
S5	20.000	20.247	.247	1.24	.03526	.000	1



Date of Fit: 7/31/2019 16:44:20

Type of Fit: Linear

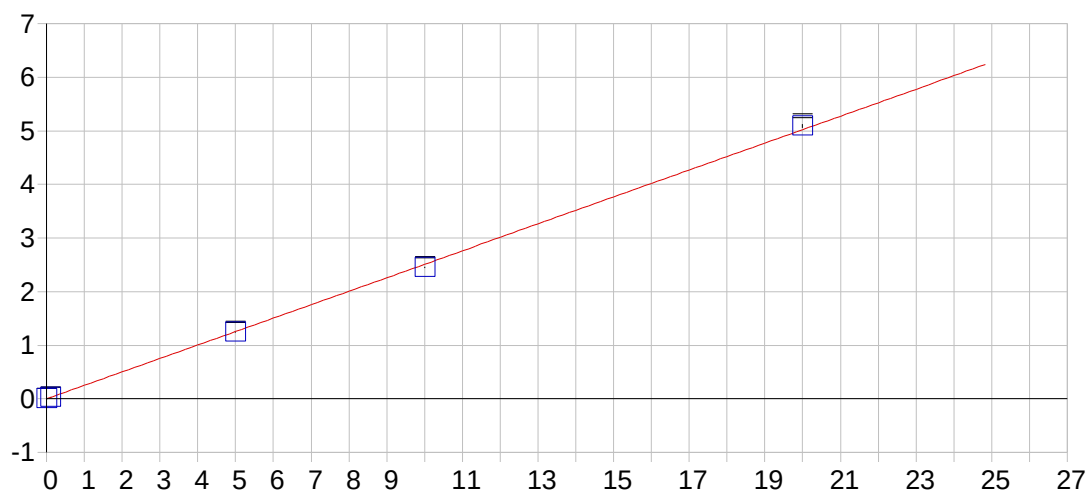
Weighting: 1/Conc

A0 (Offset): 0.001140
 A1 (Gain): 0.005882
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999854
 Std Error of Est: 0.000008
 Predicted MDL: 0.022977
 Predicted MQL: 0.076590

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00114	.000	1
S1	.10000	.12047	.020	20.5	.00189	.000	1
S3	5.0000	5.0232	.023	.464	.03127	.000	1
S4	10.000	9.7808	-.219	-2.19	.05984	.000	1
S5	20.000	20.175	.175	.873	.12215	.001	1

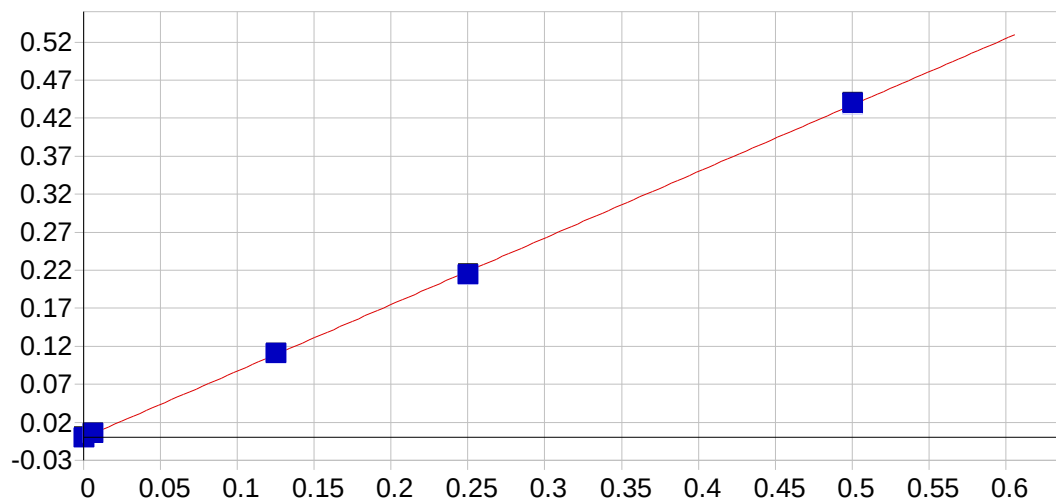


Ba 493.409 { 68}

Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002483 Re-Slope: 1.000000
 A1 (Gain): 0.251234 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865 Status: OK.
 Std Error of Est: 0.000315
 Predicted MDL: 0.001016
 Predicted MQL: 0.003388

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00248	.000	1
S1	.10000	.10076	.001	.761	.02283	.000	1
S3	5.0000	4.9727	-.027	-.546	1.2468	.008	1
S5	20.000	20.266	.266	1.33	5.0891	.041	1
S4	10.000	9.7601	-.240	-2.40	2.4496	.008	1



Be 234.861 {144}

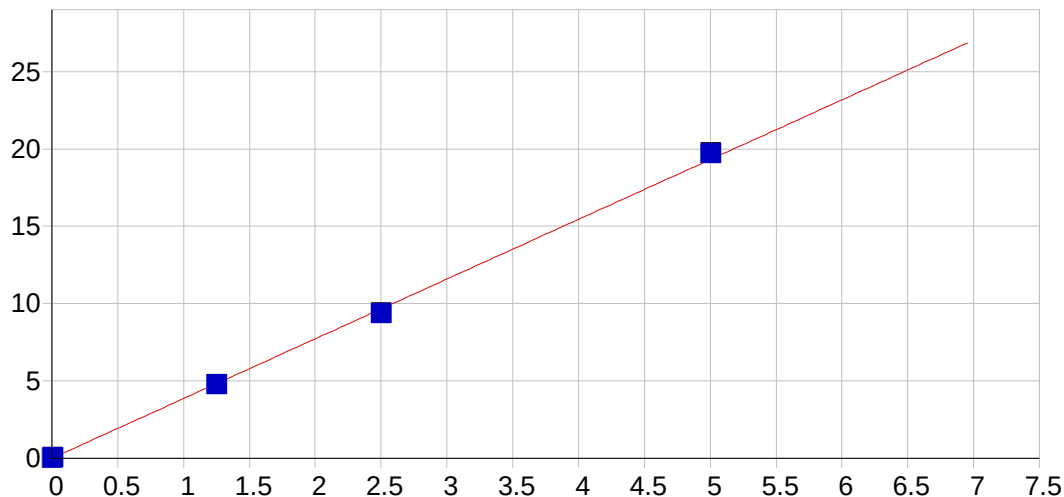
Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000193 Re-Slope: 1.000000
 A1 (Gain): 0.874727 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894
 Std Error of Est: 0.000038
 Predicted MDL: 0.000109
 Predicted MQL: 0.000363

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00019	.000	1
S1	.00600	.00664	.001	10.6	.00556	.000	1
S3	.12500	.12619	.001	.950	.10950	.000	1
S4	.25000	.24528	-.005	-1.89	.21298	.000	1
S5	.50000	.50290	.003	.580	.43696	.001	1



Cd 226.502 {449}

Date of Fit: 7/31/2019 16:44:20

Type of Fit: Linear

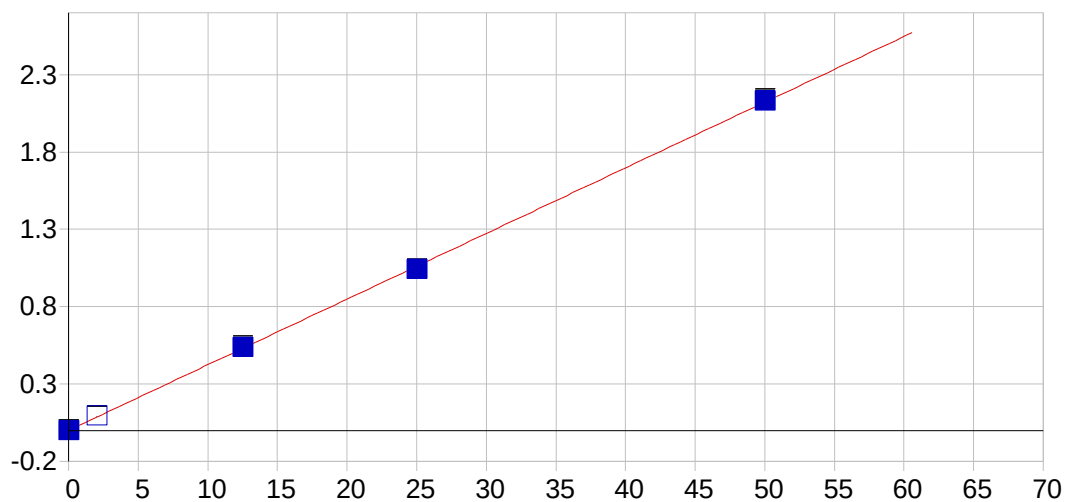
Weighting: 1/Conc

A0 (Offset): 0.000965
 A1 (Gain): 3.861613
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999735
 Std Error of Est: 0.000832
 Predicted MDL: 0.000109
 Predicted MQL: 0.000363

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00097	.000	1
S1	.00600	.00618	.000	2.99	.02487	.000	1
S3	1.2500	1.2297	-.020	-1.63	4.7506	.008	1
S4	2.5000	2.4224	-.078	-3.10	9.3577	.013	1
S5	5.0000	5.0977	.098	1.95	19.691	.035	1

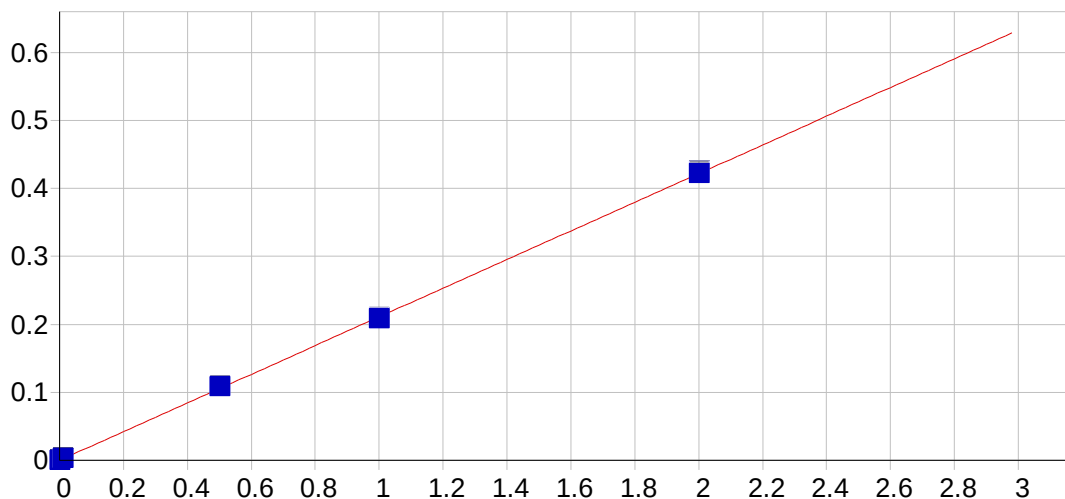


Ca 373.690 { 90}

Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000256 Re-Slope: 1.000000
 A1 (Gain): 0.042431 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835 Status: OK.
 Std Error of Est: 0.000421
 Predicted MDL: 0.033776
 Predicted MQL: 0.112585

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1867	.187	9.34	.09304	.003	1
S0	.00000	-.00018	-.000	.000	.00025	.001	1
S3	12.500	12.664	.164	1.31	.53788	.005	1
S4	25.000	24.510	-.490	-1.96	1.0408	.004	1
S5	50.000	50.140	.140	.279	2.1289	.012	1



Cr 267.716 {126}

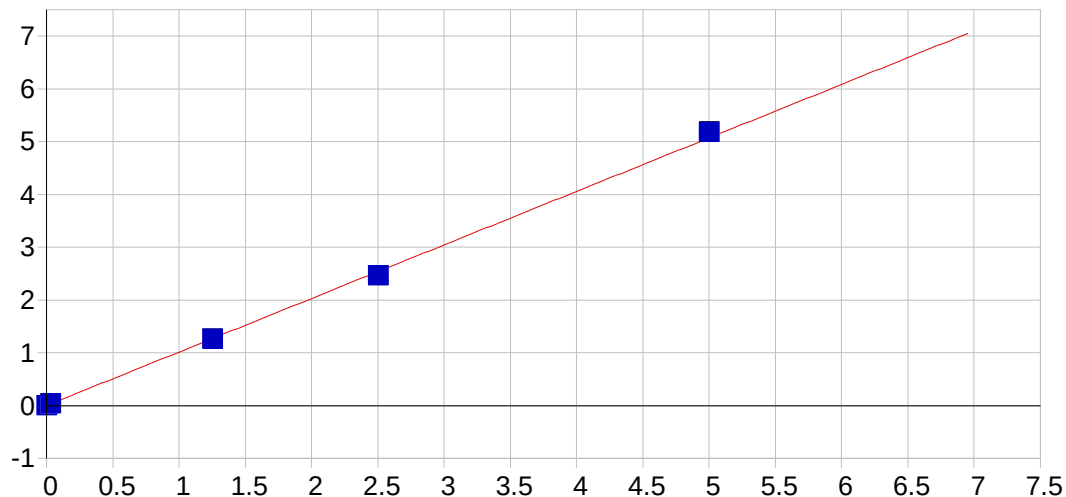
Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000093 Re-Slope: 1.000000
 A1 (Gain): 0.210887 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892
 Std Error of Est: 0.000024
 Predicted MDL: 0.000624
 Predicted MQL: 0.002082

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00009	.000	1
S1	.01000	.01153	.002	15.3	.00254	.000	1
S3	.50000	.51283	.013	2.57	.10907	.000	1
S4	1.0000	.98565	-.014	-1.44	.20961	.001	1
S5	2.0000	2.0000	-.000	-.000	.42518	.000	1



Co 228.616 {447}

Date of Fit: 7/31/2019 16:44:20

Type of Fit: Linear

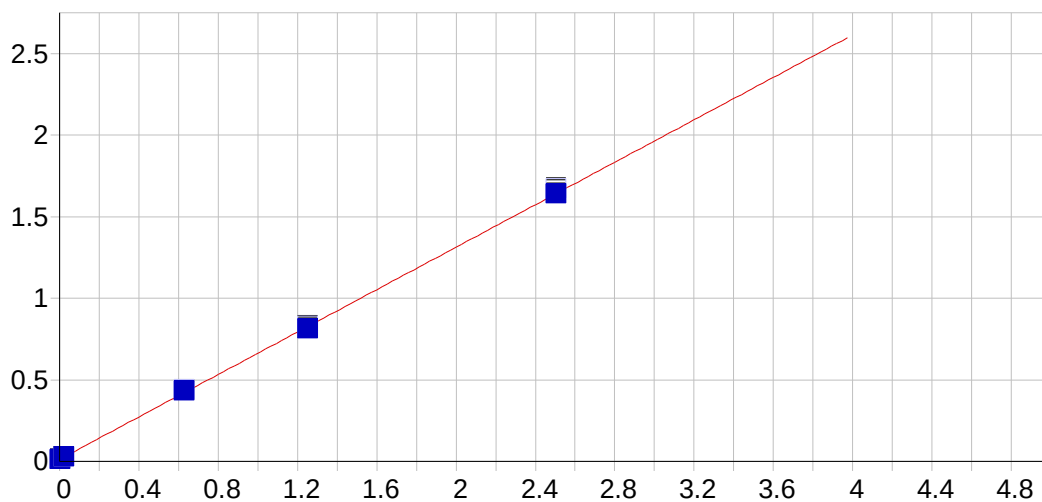
Weighting: 1/Conc

A0 (Offset): -0.000564
 A1 (Gain): 1.014276
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999731
 Std Error of Est: 0.000493
 Predicted MDL: 0.000340
 Predicted MQL: 0.001134

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00056	.000	1
S1	.03000	.03062	.001	2.06	.03029	.000	1
S3	1.2500	1.2372	-.013	-1.03	1.2553	.001	1
S4	2.5000	2.4168	-.083	-3.33	2.4527	.001	1
S5	5.0000	5.0954	.095	1.91	5.1716	.013	1

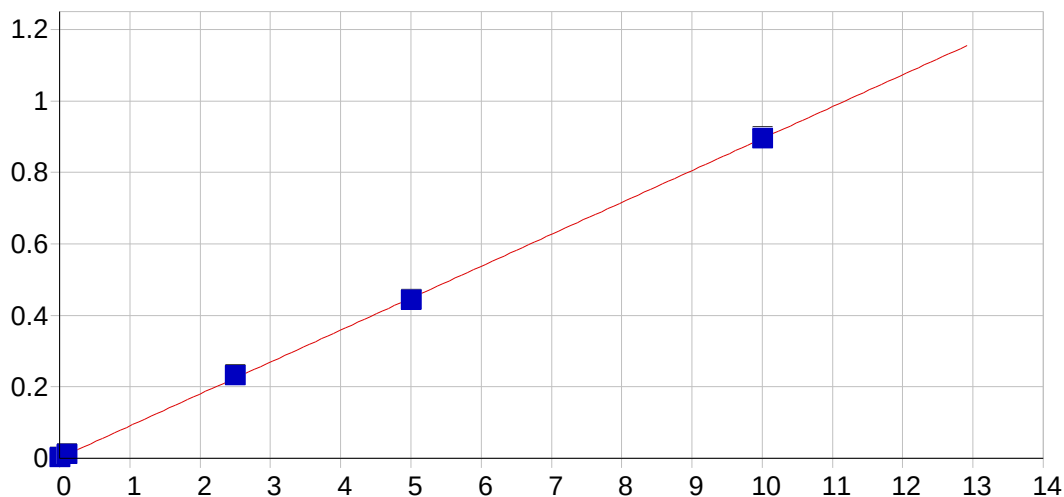


Cu 224.700 {450}

Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.012492 Re-Slope: 1.000000
 A1 (Gain): 0.650333 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.000120
 Predicted MDL: 0.000612
 Predicted MQL: 0.002039

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01249	.000	1
S1	.02000	.02226	.002	11.3	.02722	.000	1
S3	.62500	.64174	.017	2.68	.43754	.001	1
S4	1.2500	1.2302	-.020	-1.59	.82791	.002	1
S5	2.5000	2.5008	.001	.034	1.6697	.007	1



Fe 240.488 {140}

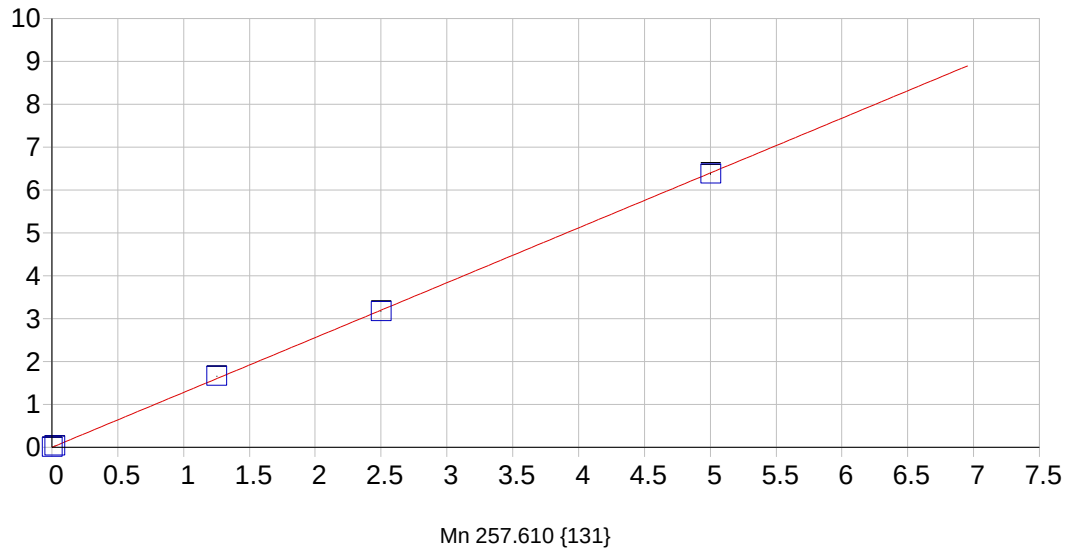
Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001376 Re-Slope: 1.000000
 A1 (Gain): 0.089318 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999871
 Std Error of Est: 0.000078
 Predicted MDL: 0.001155
 Predicted MQL: 0.003849

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00138	.000	1
S1	.10000	.11306	.013	13.1	.01152	.000	1
S3	2.5000	2.5678	.068	2.71	.23156	.000	1
S4	5.0000	4.9283	-.072	-1.43	.44323	.001	1
S5	10.000	9.9908	-.009	-.092	.89707	.002	1



Date of Fit: 7/31/2019 16:44:20

Type of Fit: Linear

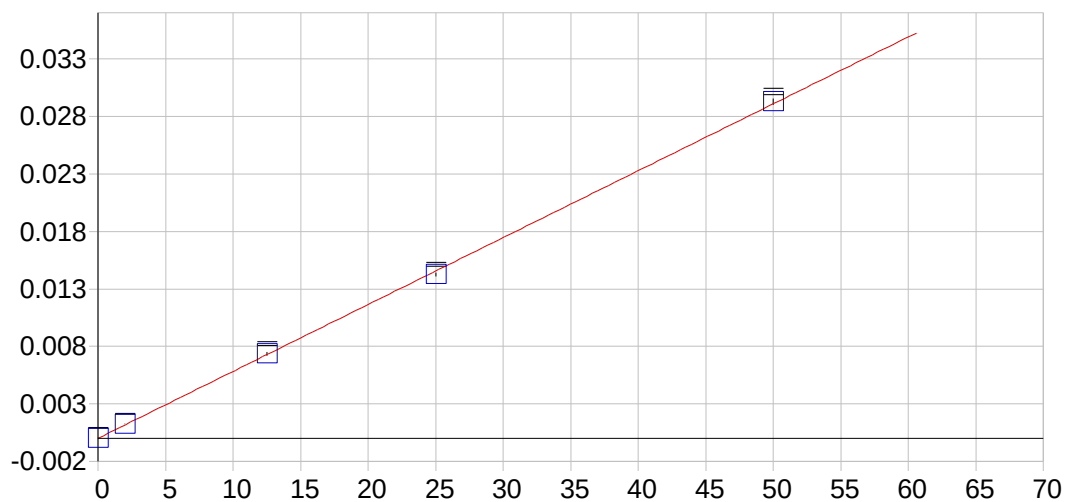
Weighting: 1/Conc

A0 (Offset): 0.000501
 A1 (Gain): 1.279980
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866
 Std Error of Est: 0.000359
 Predicted MDL: 0.000094
 Predicted MQL: 0.000315

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00050	.000	1
S1	.02000	.02371	.004	18.5	.03085	.000	1
S3	1.2500	1.2909	.041	3.27	1.6528	.001	1
S4	2.5000	2.4747	-.025	-1.01	3.1681	.009	1
S5	5.0000	4.9807	-.019	-.387	6.3756	.023	1

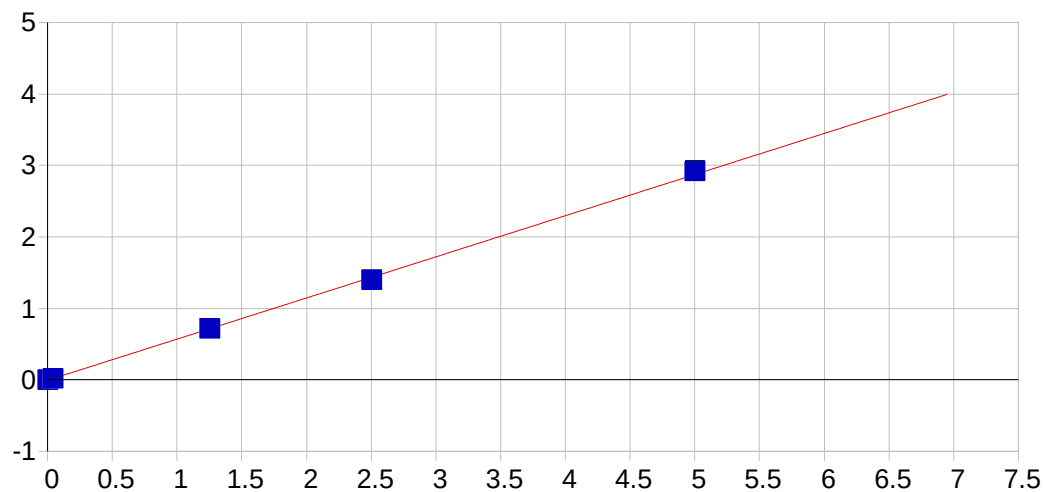


Mg 279.079 {121}

Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000016 Re-Slope: 1.000000
 A1 (Gain): 0.000582 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.081742
 Predicted MQL: 0.272473

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1152	.115	5.76	.00125	.000	1
S0	.00000	-.00010	-.000	.000	.00002	.000	1
S3	12.500	12.594	.094	.750	.00734	.000	1
S4	25.000	24.458	-.542	-2.17	.01425	.000	1
S5	50.000	50.333	.333	.665	.02930	.000	1



Ni 231.604 {445}

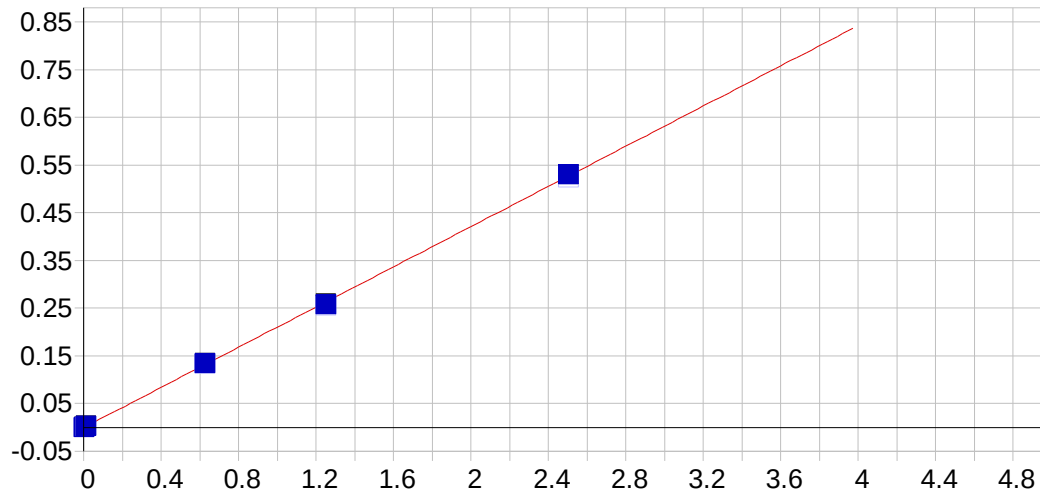
Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.009673 Re-Slope: 1.000000
 A1 (Gain): 0.576713 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999825
 Std Error of Est: 0.000262
 Predicted MDL: 0.000633
 Predicted MQL: 0.002110

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00967	.000	1
S1	.04000	.04296	.003	7.39	.01511	.000	1
S3	1.2500	1.2531	.003	.250	.71381	.001	1
S4	2.5000	2.4289	-.071	-2.84	1.3927	.001	1
S5	5.0000	5.0650	.065	1.30	2.9145	.007	1



Ag 328.068 {103}

Date of Fit: 7/31/2019 16:44:20

Type of Fit: Linear

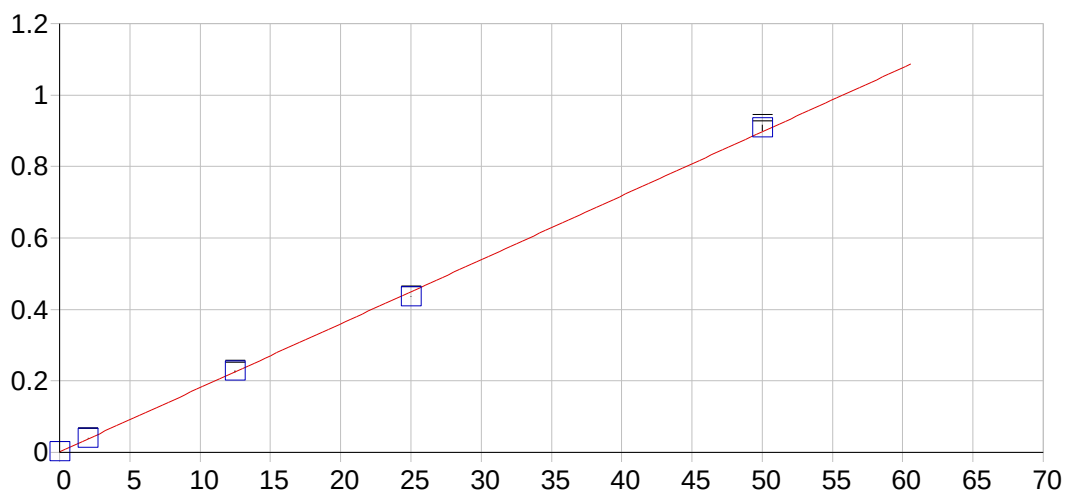
Weighting: 1/Conc

A0 (Offset): -0.000395
 A1 (Gain): 0.210766
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890
 Std Error of Est: 0.000026
 Predicted MDL: 0.000948
 Predicted MQL: 0.003160

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00040	.000	1
S1	.01000	.01135	.001	13.5	.00195	.000	1
S3	.62500	.63640	.011	1.82	.13224	.001	1
S4	1.2500	1.2252	-.025	-1.99	.25483	.000	1
S5	2.5000	2.5121	.012	.484	.52307	.001	1

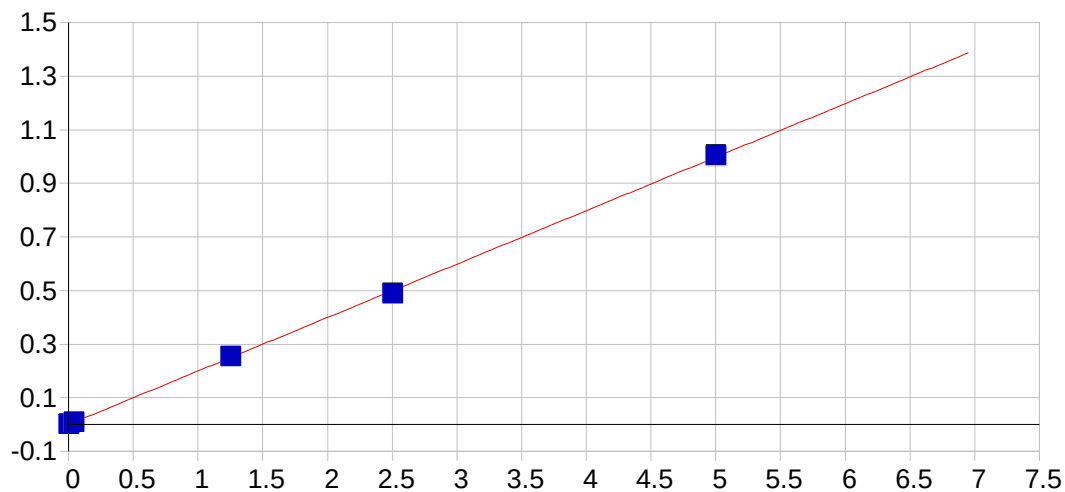


Na 589.592 { 57}

Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001765 Re-Slope: 1.000000
 A1 (Gain): 0.017909 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999805 Status: OK.
 Std Error of Est: 0.000193
 Predicted MDL: 0.019087
 Predicted MQL: 0.063624

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0905	.091	4.53	.03920	.000	1
S0	.00000	-.00006	-.000	.000	.00176	.000	1
S3	12.500	12.562	.062	.497	.22674	.003	1
S4	25.000	24.240	-.760	-3.04	.43587	.001	1
S5	50.000	50.607	.607	1.21	.90808	.008	1



V 292.402 {115}

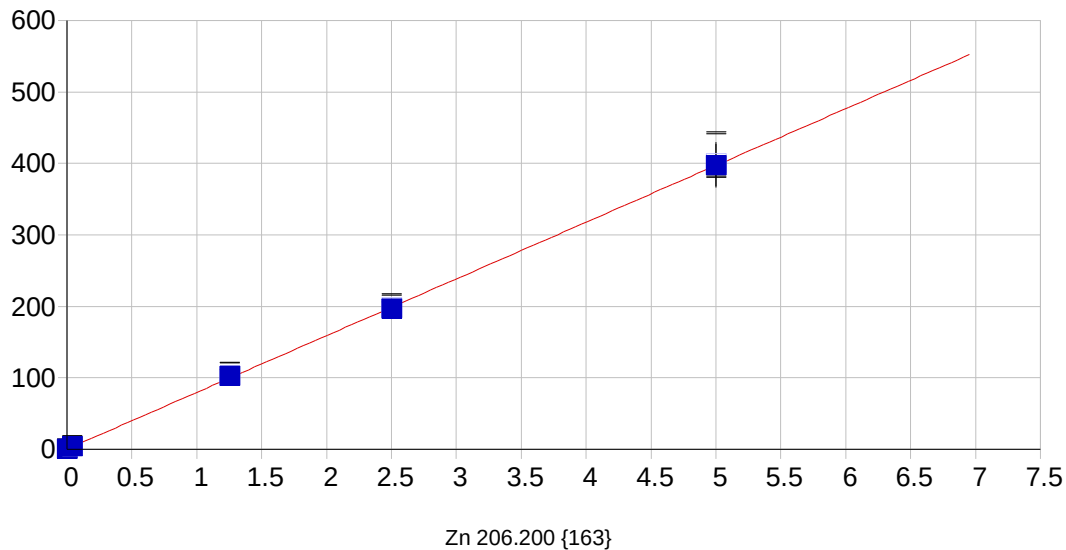
Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000130 Re-Slope: 1.000000
 A1 (Gain): 0.199555 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901
 Std Error of Est: 0.000067
 Predicted MDL: 0.000753
 Predicted MQL: 0.002511

Status: OK.

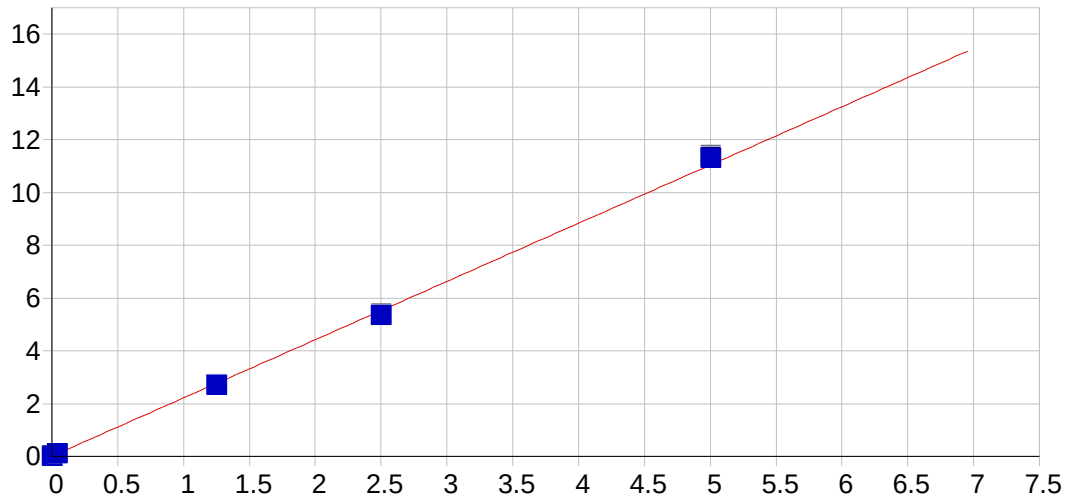
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00013	.000	1
S1	.04000	.04274	.003	6.86	.00828	.000	1
S3	1.2500	1.2672	.017	1.38	.25113	.001	1
S4	2.5000	2.4480	-.052	-2.08	.48513	.001	1
S5	5.0000	5.0320	.032	.640	.99751	.001	1



Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.270588 Re-Slope: 1.000000
 A1 (Gain): 79.388672 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882 Status: OK.
 Std Error of Est: 0.029680
 Predicted MDL: 0.000503
 Predicted MQL: 0.001677

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.27004	.021	1
S1	.04000	.04648	.006	16.2	3.9817	.204	1
S3	1.2500	1.2798	.030	2.39	102.47	5.09	1
S4	2.5000	2.4716	-.028	-1.14	197.69	5.21	1
S5	5.0000	4.9921	-.008	-.158	398.99	30.8	1

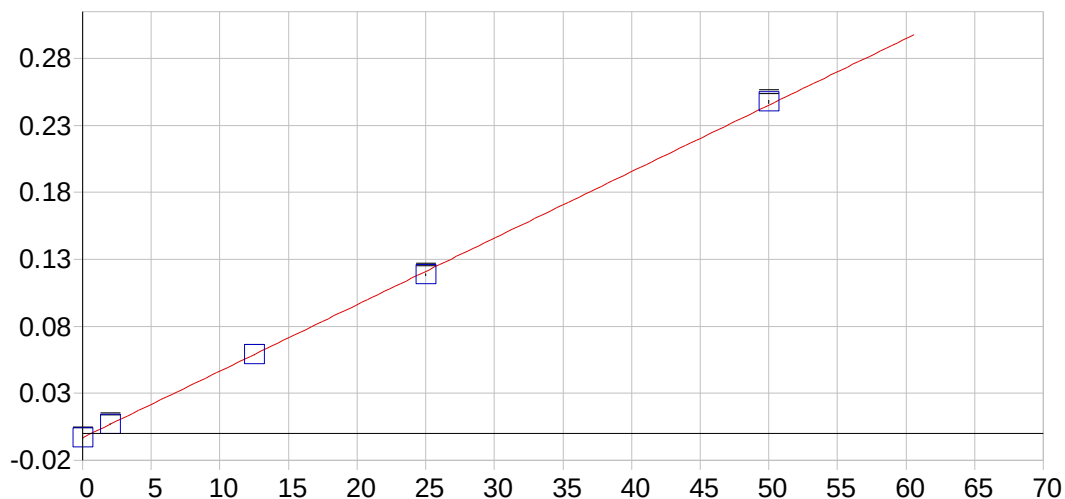


Zn 213.856 {458}

Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008703 Re-Slope: 1.000000
 A1 (Gain): 2.206461 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999629 Status: OK.
 Std Error of Est: 0.001463
 Predicted MDL: 0.000132
 Predicted MQL: 0.000441

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00870	.001	1
S1	.04000	.04343	.003	8.58	.10515	.000	1
S3	1.2500	1.2188	-.031	-2.50	2.7155	.006	1
S4	2.5000	2.4142	-.086	-3.43	5.3706	.002	1
S5	5.0000	5.1136	.114	2.27	11.362	.027	1



K 766.490 {44}

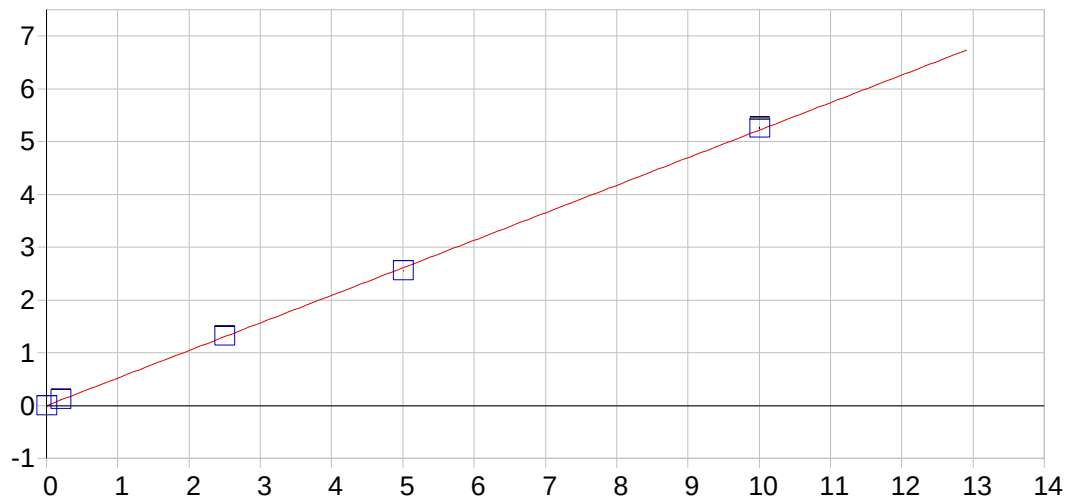
Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003083 Re-Slope: 1.000000
 A1 (Gain): 0.004966 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913
 Std Error of Est: 0.000036
 Predicted MDL: 0.072275
 Predicted MQL: 0.240917

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0292	.029	1.46	.00699	.000	1
S0	.00000	-.00000	-.000	.000	-.00308	.000	1
S3	12.500	12.468	-.032	-.252	.05883	.000	1
S4	25.000	24.501	-.499	-2.00	.11858	.001	1
S5	50.000	50.502	.502	1.00	.24769	.001	1



Mo 202.030 {467}

Date of Fit: 7/31/2019 16:44:20

Type of Fit: Linear

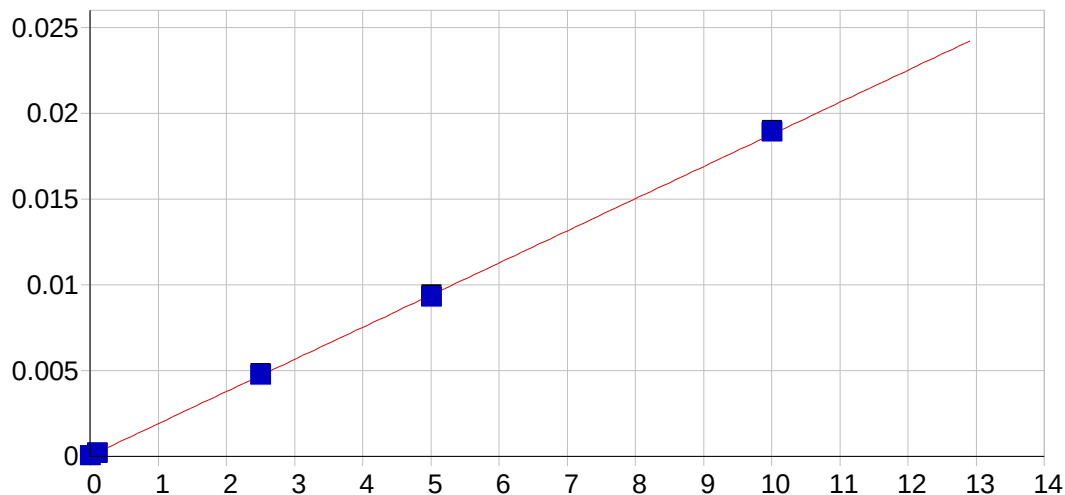
Weighting: 1/Conc

A0 (Offset): -0.000084
 A1 (Gain): 0.521673
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902
 Std Error of Est: 0.000561
 Predicted MDL: 0.000468
 Predicted MQL: 0.001559

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00009	.000	1
S1	.20000	.21272	.013	6.36	.11088	.000	1
S3	2.5000	2.5135	.013	.538	1.3111	.003	1
S4	5.0000	4.8993	-.101	-2.01	2.5557	.003	1
S5	10.000	10.075	.075	.746	5.2555	.021	1

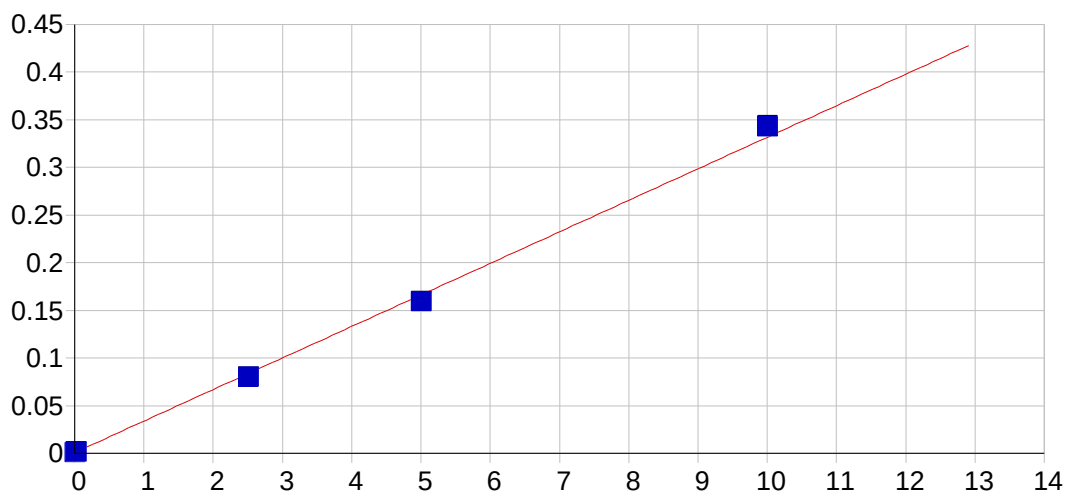


B 249.678 {135}

Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000033 Re-Slope: 1.000000
 A1 (Gain): 0.001873 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999751 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.021393
 Predicted MQL: 0.071308

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00003	.000	1
S1	.10000	.07316	-.027	-26.8	.00017	.000	1
S3	2.5000	2.5062	.006	.247	.00472	.000	1
S4	5.0000	4.9368	-.063	-1.26	.00926	.000	1
S5	10.000	10.084	.084	.838	.01889	.000	1



S 182.034 {485}

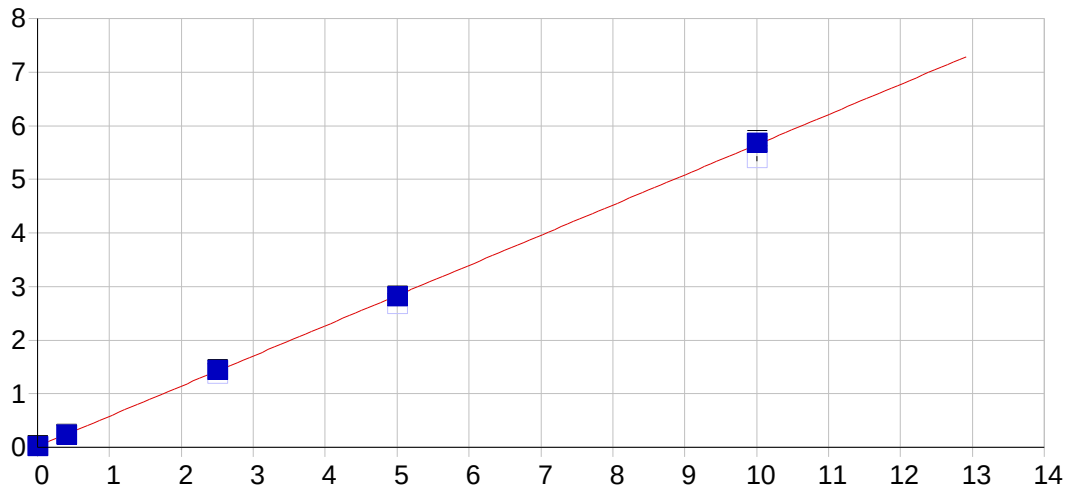
Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000759 Re-Slope: 1.000000
 A1 (Gain): 0.033091 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999242
 Std Error of Est: 0.000031
 Predicted MDL: 0.004722
 Predicted MQL: 0.015741

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00076	.000	1
S1	.02000	.01854	-.001	-7.31	.00135	.000	1
S3	2.5000	2.3851	-.115	-4.60	.07959	.000	1
S4	5.0000	4.7791	-.221	-4.42	.15872	.001	1
S5	10.000	10.337	.337	3.37	.34246	.001	1



Si 288.158 {117}

Date of Fit: 7/31/2019 16:44:20

Type of Fit: Linear

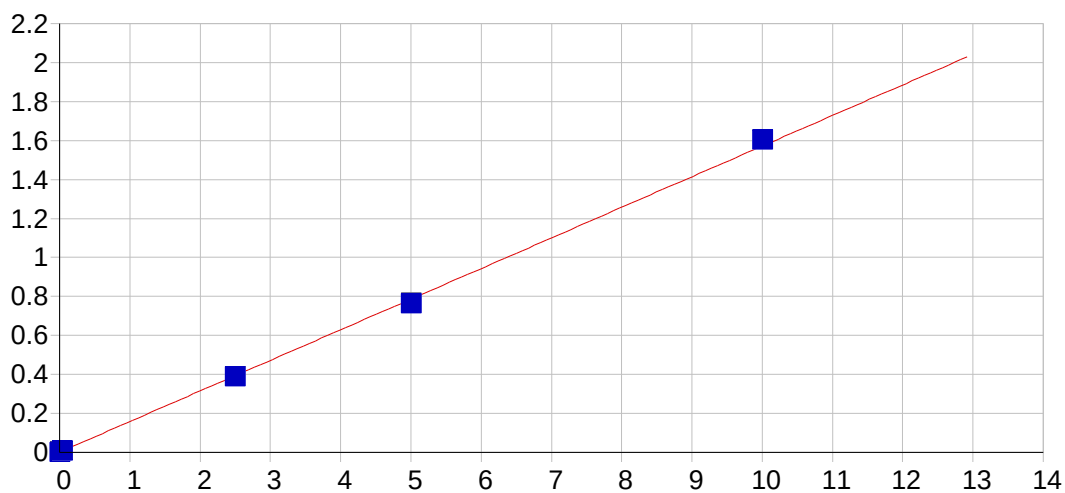
Weighting: 1/Conc

A0 (Offset): 0.016591
 A1 (Gain): 0.562871
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951
 Std Error of Est: 0.000576
 Predicted MDL: 0.003607
 Predicted MQL: 0.012023

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.01660	.004	1
S1	.40000	.38287	-.017	-4.28	.22910	.001	1
S3	2.5000	2.5227	.023	.908	1.3654	.003	1
S4	5.0000	4.9524	-.048	-.952	2.6619	.010	1
S5	10.000	10.043	.043	.427	5.3849	.053	1

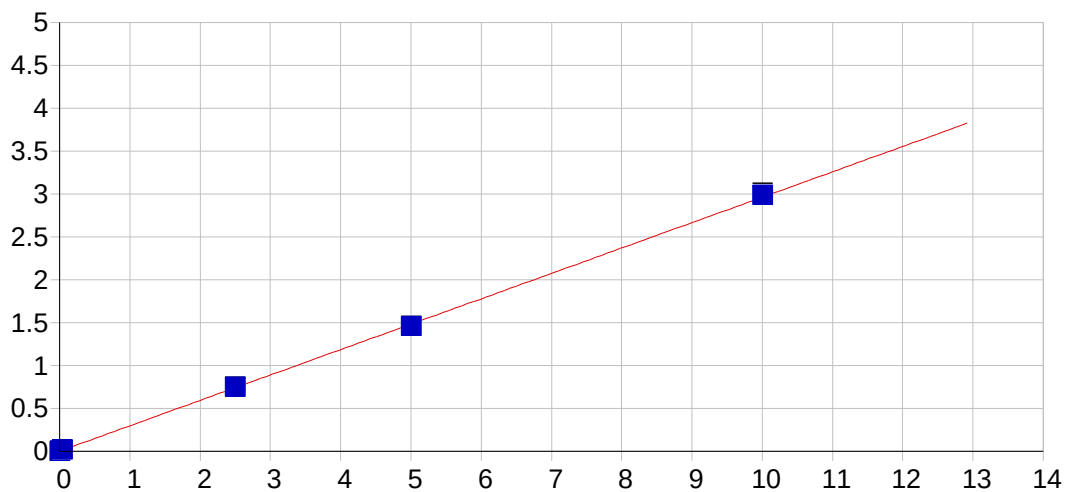


Sn 189.989 {477}

Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001147 Re-Slope: 1.000000
 A1 (Gain): 0.157028 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999750 Status: OK.
 Std Error of Est: 0.000120
 Predicted MDL: 0.001049
 Predicted MQL: 0.003497

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00115	.000	1
S1	.04000	.03702	-.003	-7.44	.00696	.000	1
S3	2.5000	2.4590	-.041	-1.64	.38735	.000	1
S4	5.0000	4.8540	-.146	-2.92	.76350	.001	1
S5	10.000	10.190	.190	1.90	1.6015	.002	1



Ti 336.121 {100}

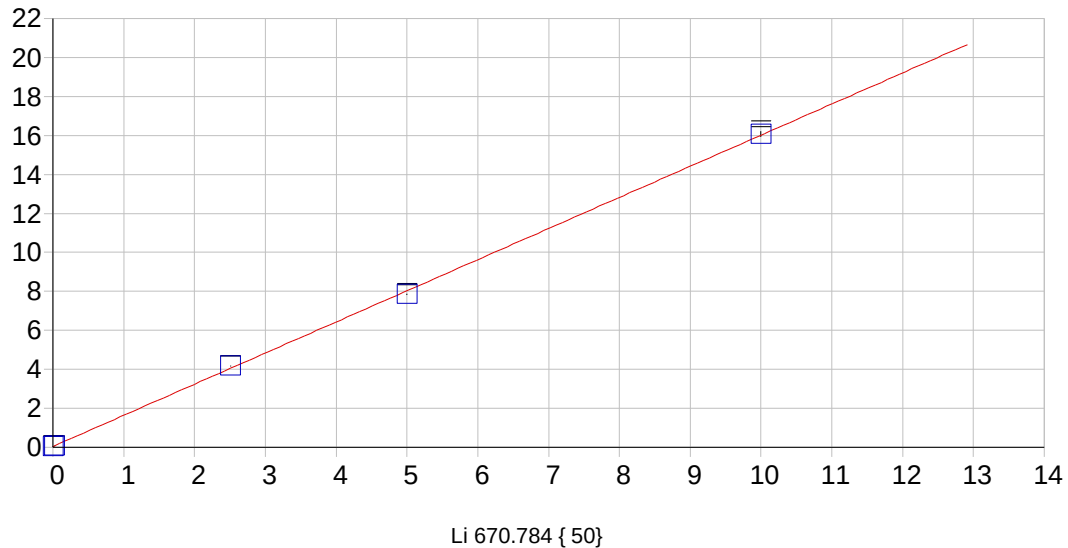
Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001472 Re-Slope: 1.000000
 A1 (Gain): 0.296101 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919
 Std Error of Est: 0.000129
 Predicted MDL: 0.003627
 Predicted MQL: 0.012091

Status: OK.

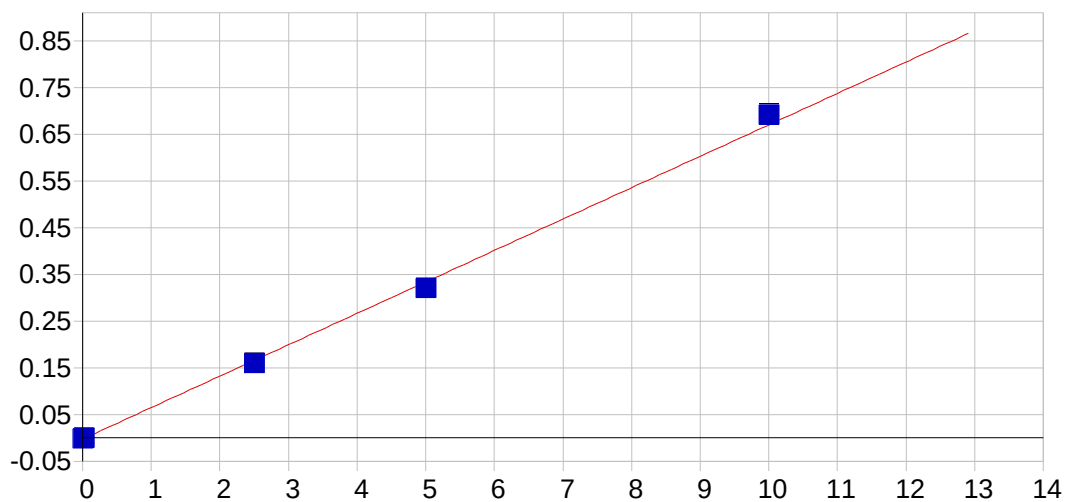
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00147	.001	1
S1	.04000	.03855	-.001	-3.62	.01288	.001	1
S3	2.5000	2.5121	.012	.485	.74522	.001	1
S4	5.0000	4.9013	-.099	-1.97	1.4526	.004	1
S5	10.000	10.088	.088	.880	2.9881	.017	1



Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.043942 Re-Slope: 1.000000
 A1 (Gain): 1.597211 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999851 Status: OK.
 Std Error of Est: 0.000666
 Predicted MDL: 0.003079
 Predicted MQL: 0.010265

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.04394	.008	1
S1	.02000	.01975	-.000	-1.26	.07548	.004	1
S3	2.5000	2.5792	.079	3.17	4.1635	.009	1
S4	5.0000	4.8863	-.114	-2.27	7.8484	.036	1
S5	10.000	10.035	.035	.347	16.071	.134	1

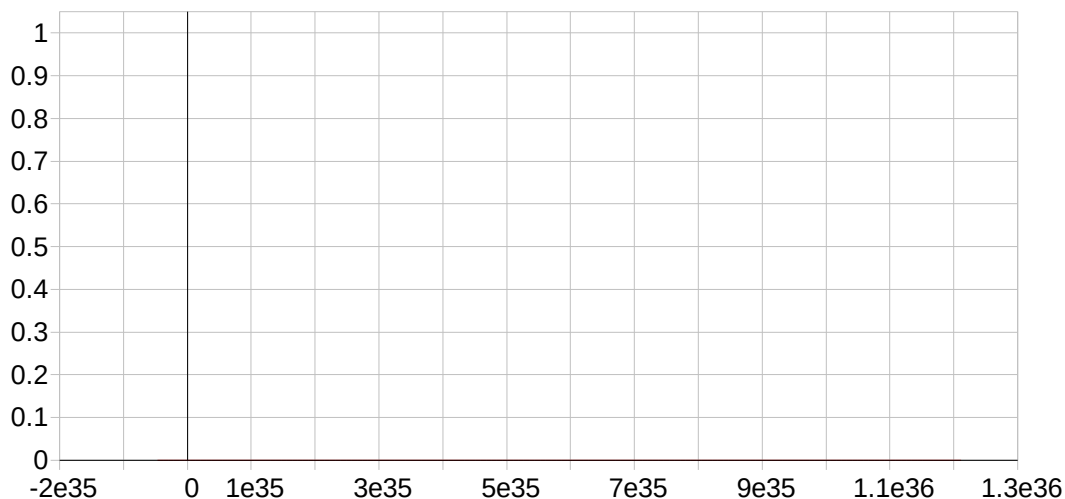


P 177.495 {490}

Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002125 Re-Slope: 1.000000
 A1 (Gain): 0.067225 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999341 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.002451
 Predicted MQL: 0.008169

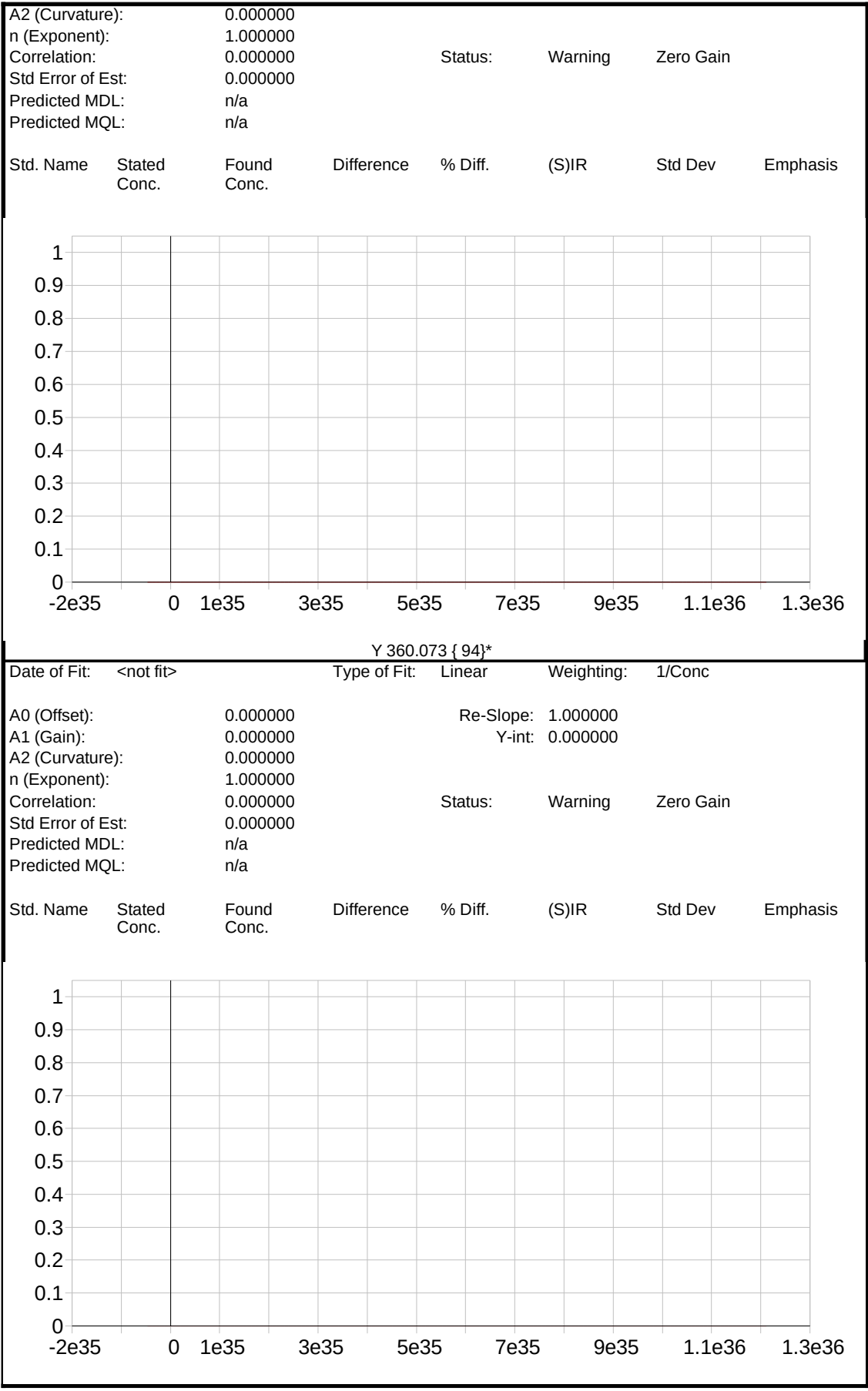
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00213	.000	1
S1	.02000	.01741	-.003	-13.0	-.00096	.000	1
S3	2.5000	2.3957	-.104	-4.17	.15868	.001	1
S4	5.0000	4.7935	-.206	-4.13	.31963	.000	1
S5	10.000	10.313	.313	3.13	.69022	.003	1

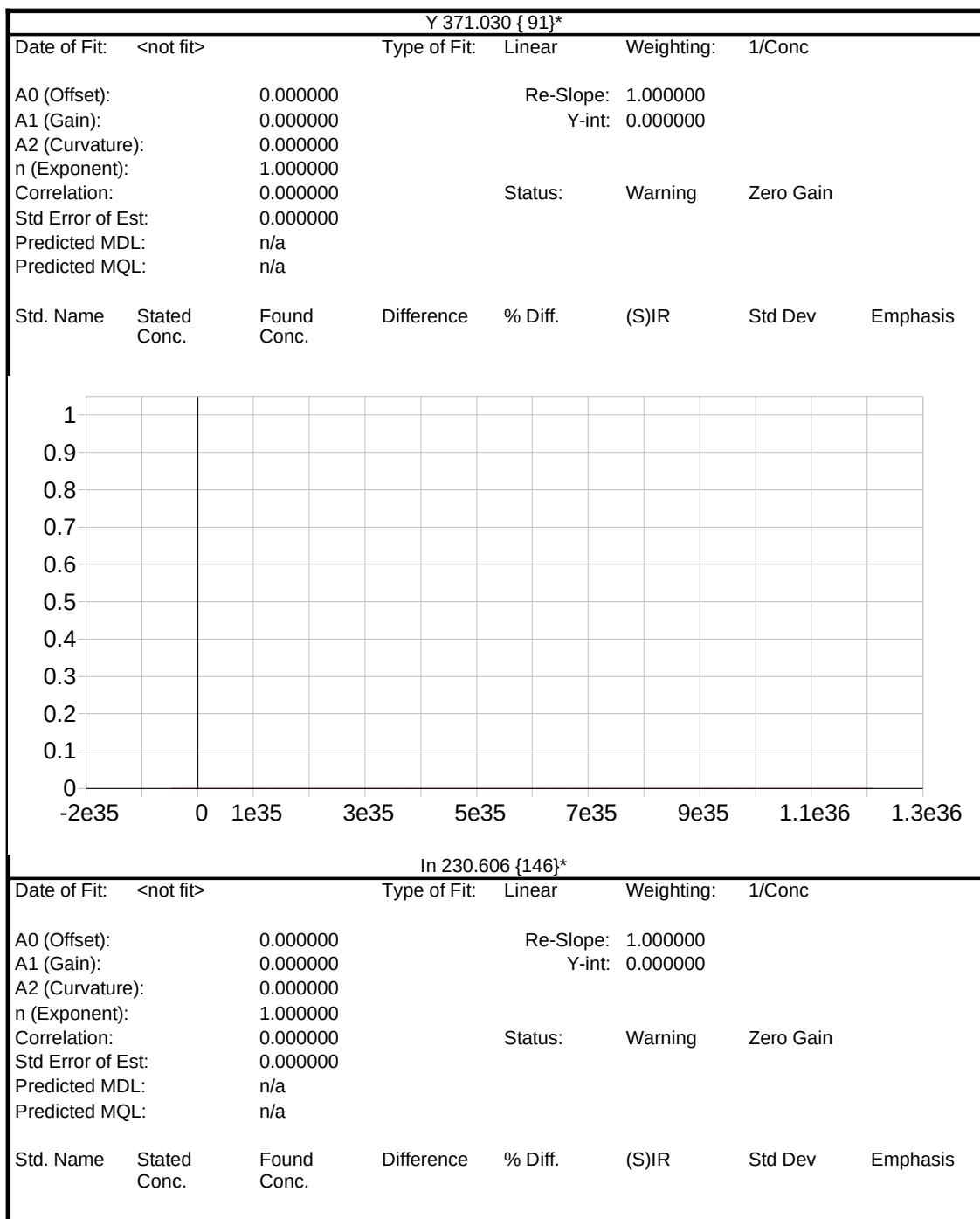


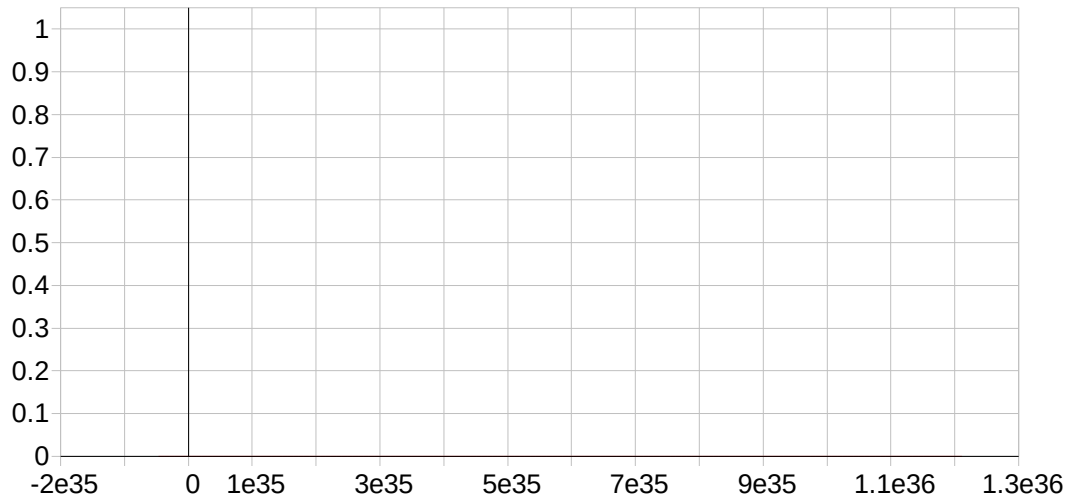
Y 224.306 {450}*

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







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

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

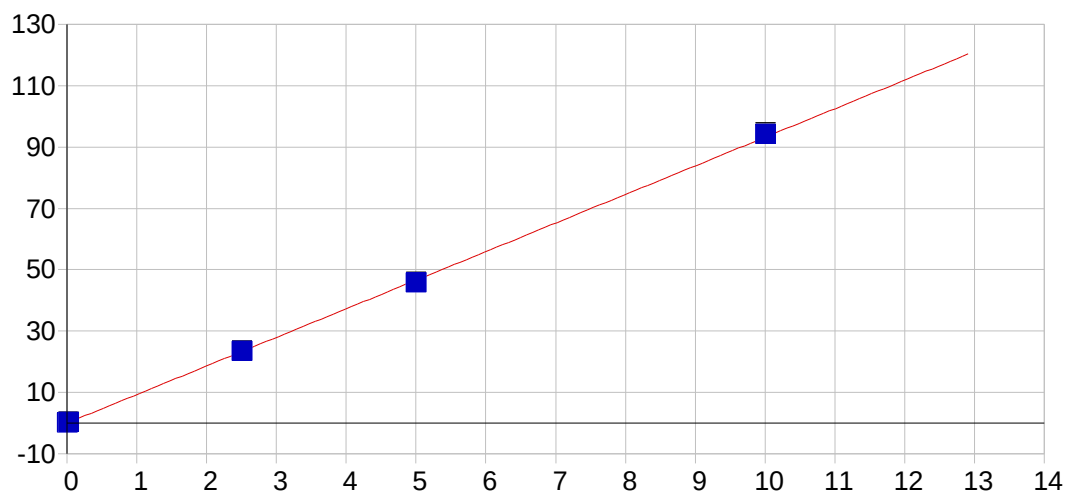
Status: Warning Zero Gain

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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Sr 407.771 { 83}

Date of Fit: 7/31/2019 16:44:20

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006755

Re-Slope: 1.000000

A1 (Gain): 9.318307

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999913

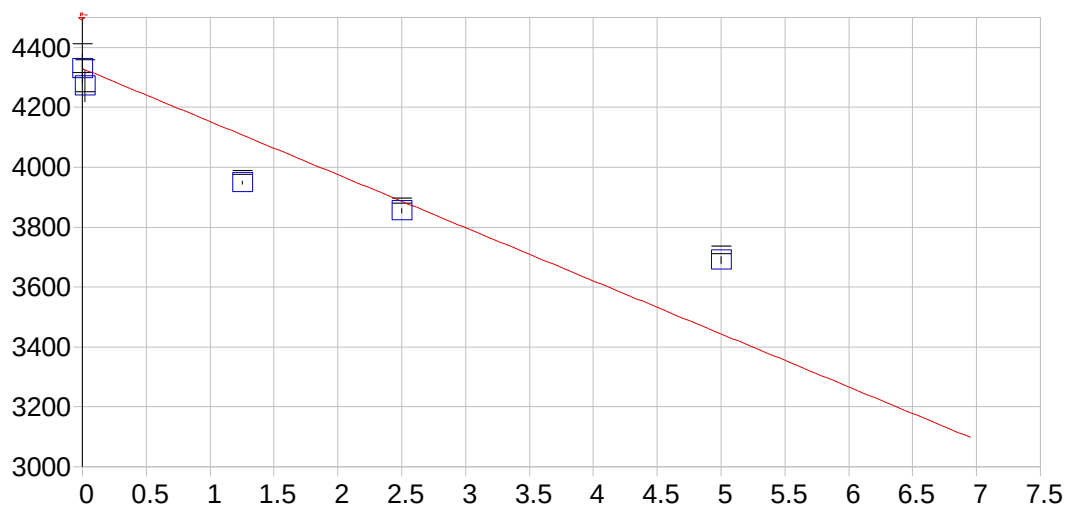
Status: OK.

Std Error of Est: 0.002968

Predicted MDL: 0.000206

Predicted MQL: 0.000687

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00677	.001	1
S1	.02000	.02160	.002	8.00	.19555	.001	1
S3	2.5000	2.5083	.008	.334	23.392	.113	1
S4	5.0000	4.8986	-.101	-2.03	45.692	.128	1
S5	10.000	10.091	.091	.914	94.131	.431	1

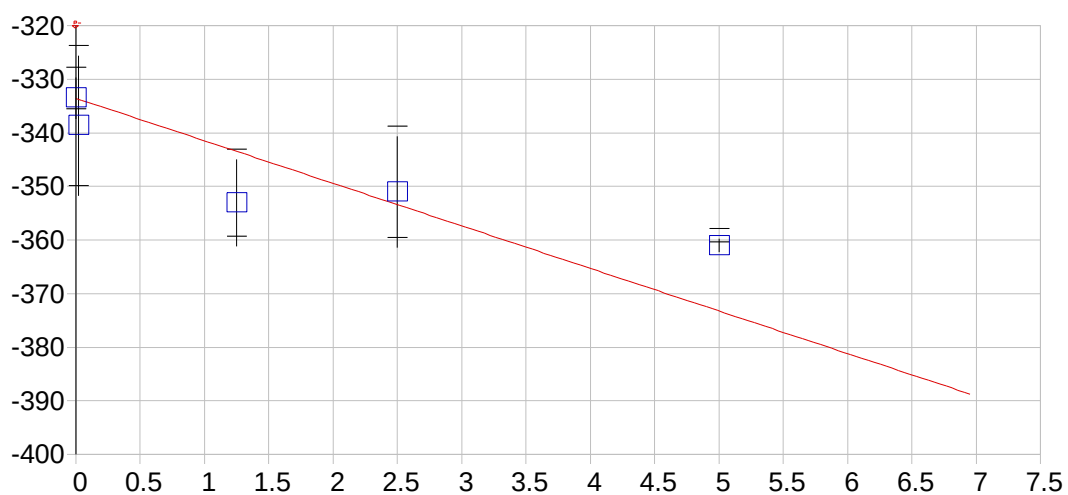


U 367.007 { 92 }

Date of Fit: 7/31/2019 16:44:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4329.677307 Re-Slope: 1.000000
A1 (Gain): -177.192293 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.773897 Status: Warning Negative Gain
Std Error of Est: 2.477921
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00032	-.000	.000	4329.7	48.1	1
S1	.02000	.33052	.311	1550.	4271.1	54.0	1
S3	1.2500	2.1494	.899	72.0	3948.8	6.58	1
S4	2.5000	2.6801	.180	7.20	3854.8	7.60	1
S5	5.0000	3.6100	-1.39	-27.8	3690.0	12.6	1



U 385.958 { 87}							
Date of Fit:		7/31/2019 16:44:20		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):		-333.554738		Re-Slope:		1.000000	
A1 (Gain):		-7.938187		Y-int:		0.000000	
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.541993		Status:	Warning	Negative Gain	
Std Error of Est:		0.210336					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00063	-.001	.000	-333.55	3.92	1
S1	.02000	.64267	.623	3110.	-338.66	13.0	1
S3	1.2500	2.4600	1.21	96.8	-353.08	8.14	1
S4	2.5000	2.2020	-.298	-11.9	-351.03	10.4	1
S5	5.0000	3.4654	-1.53	-30.7	-361.06	1.25	1

Sample Name: S0 Acquired: 7/31/2019 12:44:43 Type: Cal
Method: P4-ICP2(v3306) 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	.00033	-.00150	.00701	-.00050	.00047	.00114	-.00248	-.00019
Stddev	.00001	.00020	.00039	.00021	.00007	.00010	.00030	.00012
%RSD	3.1696	13.262	5.5650	43.172	15.280	8.7322	12.098	64.057
#1	.00033	-.00152	.00742	-.00050	.00042	.00104	-.00248	-.00006
#2	.00032	-.00168	.00664	-.00028	.00044	.00114	-.00218	-.00030
#3	.00034	-.00129	.00696	-.00071	.00055	.00124	-.00278	-.00022
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00097	.00025	.00009	-.00056	.01249	.00138	.00050	.00002
Stddev	.00043	.00142	.00008	.00011	.00024	.00004	.00007	.00002
%RSD	44.497	571.33	85.298	19.754	1.8981	2.8990	14.689	117.04
#1	.00108	.00040	.00017	-.00059	.01238	.00142	.00043	-.00000
#2	.00133	.00159	.00001	-.00066	.01276	.00136	.00057	.00004
#3	.00049	-.00124	.00010	-.00044	.01233	.00134	.00048	.00001
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00967	-.00040	.00176	-.00013	.00870	-.00308	-.00009	.00003
Stddev	.00014	.00007	.00007	.00006	.00051	.00016	.00011	.00001
%RSD	1.4131	18.370	3.7358	46.639	5.9023	5.3295	127.10	37.078
#1	-.00955	-.00046	.00174	-.00007	.00898	-.00296	.00004	.00003
#2	-.00965	-.00041	.00171	-.00019	.00901	-.00302	-.00015	.00005
#3	-.00982	-.00032	.00184	-.00013	.00811	-.00327	-.00016	.00002
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00076	.01660	.00115	.00147	.04394	-.0021	-.00677	4329.7
Stddev	.00019	.00387	.00018	.00124	.00822	.0001	.00117	48.1
%RSD	25.385	23.297	15.552	84.316	18.703	2.808	17.341	1.1110
#1	.00054	.01667	.00116	.00019	.04002	-.0021	-.00809	4276.9
#2	.00088	.01270	.00132	.00266	.03842	-.0022	-.00586	4371.0
#3	.00086	.02043	.00096	.00157	.05339	-.0022	-.00636	4341.3

Sample Name: S0 Acquired: 7/31/2019 12:44:43 Type: Cal
Method: P4-ICP2(v3306) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-333.55
Stddev	3.92
%RSD	1.1763

#1	-329.58
#2	-333.65
#3	-337.42

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2799.2	32916.	2197.0	34.103	3048.9
Stddev	12.5	192.	10.5	1.283	12.4
%RSD	.44654	.58242	.47869	3.7635	.40803

#1	2794.6	32799.	2186.0	33.118	3042.4
#2	2789.7	32812.	2197.9	35.555	3041.0
#3	2813.4	33137.	2207.0	33.636	3063.2

Sample Name: S1 Acquired: 7/31/2019 12:49:08 Type: Cal
 Method: P4-ICP2(v3306) 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	.00126	.00378	.00987	.00059	.00637	.00189	.02283	.00556
Stddev	.00016	.00021	.00033	.00032	.00017	.00009	.00012	.00006
%RSD	12.527	5.5875	3.2937	54.068	2.6296	4.6837	.50928	1.1443

#1	.00144	.00388	.00950	.00023	.00626	.00196	.02283	.00560
#2	.00116	.00354	.01012	.00082	.00629	.00179	.02295	.00548
#3	.00118	.00393	.01000	.00073	.00657	.00192	.02272	.00559

Elem	Cd2265	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02487	.00254	.03029	.02722	.01152	.03085	.01511	.00195
Stddev	.00023	.00012	.00021	.00037	.00008	.00032	.00014	.00011
%RSD	.91532	4.8503	.70025	1.3662	.71558	1.0518	.93141	5.6380

#1	.02513	.00268	.03007	.02762	.01157	.03088	.01527	.00203
#2	.02471	.00244	.03029	.02715	.01142	.03115	.01505	.00200
#3	.02477	.00249	.03049	.02688	.01156	.03051	.01501	.00183

Elem	V_2924	Zn2138	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00828	.10515	.11088	.00017	.00135	.22910	.00696	.01288
Stddev	.00007	.00032	.00028	.00002	.00018	.00083	.00024	.00091
%RSD	.87322	.30048	.24912	14.524	13.245	.36032	3.4522	7.0298

#1	.00822	.10520	.11114	.00018	.00151	.22994	.00724	.01382
#2	.00836	.10544	.11059	.00018	.00139	.22905	.00684	.01201
#3	.00825	.10481	.11093	.00014	.00116	.22830	.00680	.01281

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07548	-.0010	.19555	4271.1	-338.66
Stddev	.00388	.0001	.00093	54.0	13.05
%RSD	5.1423	9.442	.47310	1.2643	3.8532

#1	.07403	-.0009	.19456	4319.3	-328.41
#2	.07988	-.0010	.19571	4281.3	-334.21
#3	.07253	-.0010	.19639	4212.7	-353.35

Sample Name: S1 Acquired: 7/31/2019 12:49:08 Type: Cal
Method: P4-ICP2(v3306) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2775.9	32870.	2199.0	33.918	3033.8
Stddev	3.2	114.	8.0	2.000	1.2
%RSD	.11383	.34599	.36434	5.8956	.04061
#1	2772.6	32810.	2197.7	36.173	3033.2
#2	2778.9	32798.	2191.7	33.223	3032.9
#3	2776.3	33001.	2207.6	32.359	3035.2

Sample Name: S2 Acquired: 7/31/2019 12:53:39 Type: Cal
 Method: P4-ICP2(v3306) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ca3736	Mg2790	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.09304	.00125	.03920	.00699
Stddev	.00252	.00004	.00042	.00049
%RSD	2.7048	2.9460	1.0625	6.9471

#1	.09285	.00121	.03876	.00662
#2	.09565	.00124	.03927	.00754
#3	.09063	.00128	.03958	.00681

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	33089.	2205.6
Stddev	113.	36.1
%RSD	.34144	1.6363

#1	33034.	2166.4
#2	33013.	2212.8
#3	33218.	2237.5

Sample Name: S3 Acquired: 7/31/2019 12:57:53 Type: Cal
Method: P4-ICP2(v3306) 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	.11624	.33592	.68790	.13840	.29200	.03127	1.2468	.10950
Stddev	.00036	.00063	.00043	.00047	.00035	.00021	.0084	.00049
%RSD	.30980	.18802	.06206	.33678	.11969	.66461	.67448	.44665

#1	.11652	.33660	.68753	.13893	.29212	.03111	1.2376	.10930
#2	.11583	.33580	.68780	.13818	.29161	.03120	1.2488	.11006
#3	.11637	.33535	.68837	.13808	.29228	.03151	1.2541	.10914

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.7506	.53788	.10907	1.2553	.43754	.23156	1.6528	.00734
Stddev	.0078	.00508	.00011	.0009	.00056	.00046	.0015	.00018
%RSD	.16520	.94453	.10500	.07022	.12860	.19744	.08899	2.4371

#1	4.7417	.53216	.10907	1.2544	.43792	.23204	1.6512	.00720
#2	4.7567	.53958	.10918	1.2552	.43689	.23112	1.6541	.00728
#3	4.7532	.54188	.10895	1.2562	.43781	.23153	1.6532	.00755

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.71381	.13224	.22674	.25113	2.7155	.05883	1.3111	.00472
Stddev	.00079	.00054	.00251	.00113	.0059	.00019	.0031	.00007
%RSD	.11109	.41084	1.1061	.44857	.21828	.32063	.23309	1.4342

#1	.71451	.13161	.22453	.25211	2.7125	.05862	1.3076	.00464
#2	.71397	.13255	.22621	.25137	2.7223	.05891	1.3128	.00477
#3	.71295	.13255	.22947	.24990	2.7116	.05897	1.3130	.00475

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07959	1.3654	.38735	.74522	4.1635	.1587	23.392	3948.8
Stddev	.00046	.0030	.00044	.00099	.0095	.0006	.113	6.6
%RSD	.57325	.21987	.11401	.13257	.22762	.3845	.48186	.16661

#1	.08012	1.3653	.38685	.74421	4.1605	.1594	23.263	3949.7
#2	.07937	1.3685	.38752	.74526	4.1741	.1583	23.471	3941.8
#3	.07929	1.3625	.38767	.74618	4.1559	.1584	23.443	3954.9

Sample Name: S3 Acquired: 7/31/2019 12:57:53 Type: Cal
Method: P4-ICP2(v3306) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-353.08
Stddev	8.14
%RSD	2.3050

#1	-359.42
#2	-343.91
#3	-355.92

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2745.6	32322.	2210.6	33.041	2878.1
Stddev	3.7	50.	7.1	1.616	3.5
%RSD	.13631	.15537	.32307	4.8903	.12270

#1	2742.7	32298.	2204.7	31.903	2877.5
#2	2744.4	32379.	2208.6	32.330	2874.9
#3	2749.9	32288.	2218.6	34.890	2881.9

Sample Name: S4 Acquired: 7/31/2019 13:01:59 Type: Cal
Method: P4-ICP2(v3306) 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	.22677	.65535	1.3367	.26901	.56683	.05984	2.4496	.21298
Stddev	.00037	.00051	.0021	.00042	.00090	.00049	.0080	.00035
%RSD	.16119	.07804	.15499	.15729	.15821	.81046	.32767	.16370

#1	.22706	.65594	1.3389	.26948	.56741	.05941	2.4403	.21260
#2	.22688	.65500	1.3364	.26866	.56729	.05975	2.4539	.21307
#3	.22636	.65513	1.3348	.26889	.56580	.06037	2.4545	.21328

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.3577	1.0408	.20961	2.4527	.82791	.44323	3.1681	.01425
Stddev	.0128	.0041	.00056	.0013	.00224	.00083	.0089	.00015
%RSD	.13655	.39772	.26937	.05465	.27085	.18811	.28093	1.0855

#1	9.3687	1.0387	.21026	2.4541	.83045	.44407	3.1783	.01408
#2	9.3437	1.0456	.20933	2.4514	.82618	.44241	3.1622	.01427
#3	9.3607	1.0381	.20925	2.4527	.82711	.44321	3.1638	.01439

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3927	.25483	.43587	.48513	5.3706	.11858	2.5557	.00926
Stddev	.0007	.00020	.00078	.00141	.0024	.00090	.0029	.00010
%RSD	.05043	.07802	.17919	.28992	.04492	.76269	.11280	1.1156

#1	1.3935	.25487	.43498	.48658	5.3729	.11756	2.5557	.00915
#2	1.3923	.25500	.43643	.48377	5.3709	.11890	2.5586	.00927
#3	1.3923	.25461	.43622	.48505	5.3681	.11928	2.5529	.00936

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.15872	2.6619	.76350	1.4526	7.8484	.3196	45.692	3854.8
Stddev	.00051	.0103	.00128	.0043	.0361	.0002	.128	7.6
%RSD	.32204	.38613	.16756	.29969	.45999	.0540	.28090	.19714

#1	.15819	2.6737	.76497	1.4516	7.8800	.3197	45.798	3853.3
#2	.15877	2.6577	.76292	1.4488	7.8562	.3197	45.728	3863.0
#3	.15921	2.6545	.76261	1.4573	7.8091	.3194	45.549	3848.1

Sample Name: S4 Acquired: 7/31/2019 13:01:59 Type: Cal
Method: P4-ICP2(v3306) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-351.03
Stddev	10.42
%RSD	2.9690

#1	-362.55
#2	-342.25
#3	-348.30

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2715.7	32377.	2234.6	33.182	2794.2
Stddev	6.8	15.	14.8	.857	6.0
%RSD	.24865	.04556	.66075	2.5824	.21541

#1	2717.1	32360.	2218.1	34.032	2793.7
#2	2708.3	32385.	2239.3	33.196	2788.4
#3	2721.6	32386.	2246.4	32.318	2800.4

Sample Name: S5 Acquired: 7/31/2019 13:05:58 Type: Cal
Method: P4-ICP2(v3306) 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	.47093	1.3668	2.8008	.55378	1.1715	.12215	5.0891	.43696
Stddev	.00225	.0040	.0056	.00138	.0023	.00123	.0412	.00099
%RSD	.47780	.29299	.20118	.24858	.19740	1.0073	.81023	.22593
#1	.46891	1.3654	2.8020	.55320	1.1706	.12132	5.0870	.43767
#2	.47336	1.3714	2.8058	.55535	1.1741	.12157	5.0490	.43583
#3	.47053	1.3637	2.7947	.55279	1.1698	.12357	5.1314	.43738
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	19.691	2.1289	.42518	5.1716	1.6697	.89707	6.3756	.02930
Stddev	.035	.0120	.00006	.0135	.0065	.00193	.0227	.00028
%RSD	.18016	.56214	.01337	.26052	.39019	.21556	.35573	.93889
#1	19.700	2.1285	.42524	5.1776	1.6668	.89930	6.3956	.02940
#2	19.721	2.1410	.42518	5.1810	1.6772	.89604	6.3510	.02899
#3	19.652	2.1171	.42513	5.1561	1.6651	.89586	6.3804	.02951
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9145	.52307	.90808	.99751	11.362	.24769	5.2555	.01889
Stddev	.0067	.00059	.00811	.00144	.027	.00131	.0210	.00005
%RSD	.23093	.11302	.89282	.14408	.23836	.53029	.39943	.25675
#1	2.9148	.52336	.90764	.99788	11.375	.24731	5.2429	.01893
#2	2.9211	.52239	.90019	.99592	11.380	.24661	5.2798	.01884
#3	2.9076	.52346	.91639	.99873	11.331	.24916	5.2439	.01889
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.34246	5.3849	1.6015	2.9881	16.071	.6902	94.131	3690.0
Stddev	.00076	.0526	.0020	.0174	.134	.0028	.431	12.6
%RSD	.22188	.97722	.12241	.58088	.83405	.4022	.45774	.34211
#1	.34334	5.3558	1.6027	2.9871	15.985	.6871	93.918	3696.6
#2	.34204	5.4456	1.6026	3.0060	16.226	.6912	94.626	3675.5
#3	.34200	5.3532	1.5993	2.9714	16.003	.6924	93.848	3698.0

Sample Name: S5 Acquired: 7/31/2019 13:05:58 Type: Cal
 Method: P4-ICP2(v3306) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-361.06
Stddev	1.25
%RSD	.34566

#1	-362.21
#2	-359.73
#3	-361.25

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2675.3	31885.	2211.9	32.778	2663.9
Stddev	8.6	95.	22.1	2.376	4.2
%RSD	.32185	.29656	.99937	7.2472	.15921

#1	2679.5	31815.	2210.4	34.750	2662.7
#2	2665.4	31992.	2190.7	30.141	2660.4
#3	2681.0	31846.	2234.8	33.442	2668.6

Sample Name: ICV01 Acquired: 7/31/2019 13:09:58 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99302	1.0019	.98490	1.0048	1.0049	2.5202	.50066	.49367
Stddev	.00264	.0022	.00398	.0046	.0026	.0101	.00119	.00051
%RSD	.26623	.21411	.40439	.45784	.25911	.39911	.23695	.10302
#1	.99364	1.0040	.98150	1.0097	1.0078	2.5121	.49950	.49311
#2	.99531	.99970	.98928	1.0006	1.0031	2.5172	.50059	.49376
#3	.99013	1.0020	.98392	1.0041	1.0037	2.5315	.50187	.49412
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48300	10.161	.50755	.49714	.51352	5.1390	.51181	5.9852
Stddev	.00033	.028	.00052	.00080	.00210	.0108	.00153	.0945
%RSD	.06881	.27876	.10238	.16016	.40923	.21099	.29846	1.5798
#1	.48322	10.185	.50745	.49802	.51314	5.1294	.51090	6.0386
#2	.48262	10.130	.50810	.49647	.51164	5.1368	.51358	5.8761
#3	.48317	10.168	.50708	.49694	.51579	5.1508	.51096	6.0411
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50031	.47720	9.9600	.49501	.97505	9.8390	2.4814	2.4525
Stddev	.00043	.00055	.0406	.00109	.00124	.0845	.0024	.0522
%RSD	.08647	.11573	.40797	.22076	.12685	.85853	.09757	2.1282
#1	.49986	.47692	9.9313	.49611	.97544	9.8832	2.4822	2.3923
#2	.50034	.47784	10.007	.49499	.97604	9.7416	2.4833	2.4800
#3	.50073	.47685	9.9423	.49392	.97366	9.8922	2.4787	2.4852
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.3061	2.5082	2.4005	2.4574	2.4731	F 2.332	2.3988	F 2.3143
Stddev	.0023	.0108	.0016	.0045	.0056	.006	.0064	.1373
%RSD	.10101	.42880	.06712	.18150	.22855	.2684	.26855	5.9311
#1	2.3034	2.5174	2.3992	2.4616	2.4772	2.334	2.3957	2.4599
#2	2.3073	2.4964	2.4000	2.4578	2.4755	2.325	2.3946	2.2957
#3	2.3076	2.5108	2.4023	2.4527	2.4667	2.337	2.4063	2.1873

Sample Name: ICV01 Acquired: 7/31/2019 13:09:58 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.2753
Stddev	.8084
%RSD	24.681

#1	3.9937
#2	2.4000
#3	3.4322

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2763.6	32984.	2253.8	33.871	2931.9
Stddev	8.5	161.	3.0	1.036	5.0
%RSD	.30834	.48801	.13401	3.0593	.16941

#1	2754.7	33046.	2250.4	34.888	2927.1
#2	2764.4	32801.	2255.6	33.910	2931.7
#3	2771.7	33104.	2255.6	32.816	2937.0

Sample Name: LLICV01 Acquired: 7/31/2019 13:14:05 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01983	.03771	.00973	.02202	.05188	.10757	.10176	.00656
Stddev	.00251	.00072	.00057	.00325	.00185	.00300	.00124	.00003
%RSD	12.643	1.9019	5.8692	14.738	3.5630	2.7861	1.2163	.49618
#1	.02241	.03831	.00987	.02188	.05377	.11073	.10035	.00656
#2	.01741	.03692	.01022	.02534	.05008	.10721	.10223	.00653
#3	.01965	.03791	.00911	.01885	.05179	.10477	.10269	.00659
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00598	2.0813	.01153	.03004	.02168	.11042	.02245	2.0171
Stddev	.00006	.0468	.00060	.00052	.00061	.00079	.00011	.0897
%RSD	1.0524	2.2508	5.2365	1.7455	2.8140	.71360	.47839	4.4484
#1	.00600	2.0273	.01132	.03064	.02225	.10955	.02238	2.0917
#2	.00603	2.1113	.01221	.02972	.02174	.11109	.02257	1.9175
#3	.00591	2.1052	.01106	.02976	.02104	.11061	.02240	2.0420
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04188	.01153	1.9636	.04099	.04245	1.8543	.20757	.09649
Stddev	.00056	.00027	.0304	.00070	.00018	.0545	.00061	.02274
%RSD	1.3361	2.3033	1.5503	1.7196	.41377	2.9411	.29601	23.565
#1	.04226	.01174	1.9647	.04018	.04227	1.7916	.20788	.07177
#2	.04124	.01162	1.9326	.04144	.04262	1.8805	.20796	.11652
#3	.04215	.01123	1.9935	.04135	.04246	1.8909	.20686	.10117
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02185	.37147	.03673	.04042	.01838	.0162	.02143	F 2.0644
Stddev	.00311	.00530	.00091	.00283	.00183	.0030	.00013	.2762
%RSD	14.247	1.4265	2.4676	7.0084	9.9693	18.28	.58701	13.380
#1	.02124	.36798	.03642	.04213	.01842	.0186	.02133	2.2818
#2	.01908	.37757	.03775	.03715	.02019	.0172	.02157	1.7536
#3	.02521	.36888	.03601	.04198	.01653	.0129	.02138	2.1579

Sample Name: LLICV01 Acquired: 7/31/2019 13:14:05 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.5841
 Stddev .6125
 %RSD 17.089

#1 3.0109
 #2 4.2296
 #3 3.5119

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2790.5	33340.	2251.9	35.009	3035.3
Stddev	5.5	79.	15.3	.354	8.1
%RSD	.19887	.23776	.67860	1.0121	.26552

#1	2786.8	33325.	2243.3	34.709	3027.2
#2	2787.9	33426.	2242.9	35.400	3035.6
#3	2796.9	33270.	2269.6	34.918	3043.3

Sample Name: ICB01 Acquired: 7/31/2019 13:18:32 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	-.00040	-.00210	-.00010	-.00069	-.01027	.00095	-.00002
Stddev	.00433	.00125	.00109	.00411	.00082	.02509	.00035	.00001
%RSD	275.02	314.14	52.011	3933.4	118.74	244.40	37.470	30.877
#1	.00116	-.00010	-.00285	.00309	.00025	-.03887	.00057	-.00002
#2	-.00656	.00067	-.00260	-.00474	-.00127	.00799	.00128	-.00001
#3	.00069	-.00176	-.00085	.00134	-.00104	.00008	.00098	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.01623	.00046	.00018	-.00052	.00029	-.00013	-.00283
Stddev	.00007	.02359	.00049	.00026	.00055	.00145	.00015	.03153
%RSD	66.066	145.31	107.37	147.94	106.20	492.94	108.54	1113.3
#1	-.00018	.01082	-.00010	.00048	-.00003	.00114	-.00029	-.00675
#2	-.00009	-.03250	.00067	-.00000	-.00112	-.00138	-.00011	-.03223
#3	-.00005	-.02702	.00081	.00006	-.00041	.00111	-.00000	.03047
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	.00037	-.08018	-.00025	-.00161	-.03807	-.00013	-.02281
Stddev	.00053	.00040	.01155	.00065	.00012	.11110	.00009	.00620
%RSD	150.45	107.75	14.402	258.40	7.6628	291.83	66.953	27.176
#1	.00090	.00013	-.06711	-.00006	-.00148	.08343	-.00012	-.01797
#2	-.00015	.00015	-.08901	.00028	-.00163	-.13446	-.00023	-.02980
#3	.00029	.00083	-.08441	-.00098	-.00172	-.06317	-.00005	-.02066
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00166	.00154	-.00067	-.00045	-.00696	-.0030	.00007	F 1.9031
Stddev	.00510	.00274	.00031	.00140	.00297	.0024	.00007	.2521
%RSD	306.70	177.16	45.808	309.33	42.631	81.53	99.317	13.246
#1	-.00423	-.00112	-.00054	-.00203	-.00630	-.0051	.00011	1.9512
#2	.00454	.00434	-.00102	.00063	-.00438	-.0036	.00011	2.1277
#3	.00467	.00141	-.00045	.00004	-.01020	-.0003	-.00001	1.6305

Sample Name: ICB01 Acquired: 7/31/2019 13:18:32 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4.2125
Stddev .5325
%RSD 12.642

#1 3.6451
#2 4.7015
#3 4.2910

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2779.8	33419.	2267.0	33.923	3017.7
Stddev	6.9	31.	5.2	.263	8.0
%RSD	.24711	.09209	.22943	.77488	.26433

#1	2785.2	33417.	2262.0	34.177	3023.7
#2	2782.2	33451.	2266.5	33.652	3020.8
#3	2772.1	33389.	2272.4	33.939	3008.6

Sample Name: CRI01 Acquired: 7/31/2019 13:23:01 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01810	.04092	.00989	.01982	.05155	.09189	.10317	.00654
Stddev	.00562	.00017	.00022	.00516	.00150	.00946	.00235	.00019
%RSD	31.071	.41367	2.1881	26.028	2.9043	10.294	2.2821	2.9456
#1	.02387	.04072	.00978	.01546	.05102	.10280	.10060	.00671
#2	.01263	.04098	.01014	.02552	.05324	.08685	.10366	.00633
#3	.01780	.04105	.00975	.01849	.05040	.08602	.10523	.00658
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00593	2.1114	.01116	.03050	.02194	.11151	.02253	2.1858
Stddev	.00010	.0149	.00027	.00030	.00068	.00048	.00012	.0962
%RSD	1.6581	.70660	2.4603	.97641	3.1142	.42965	.54468	4.4030
#1	.00598	2.1169	.01141	.03024	.02135	.11140	.02255	2.2779
#2	.00581	2.1227	.01087	.03043	.02269	.11203	.02240	2.1936
#3	.00599	2.0944	.01121	.03082	.02180	.11109	.02265	2.0859
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04219	.01164	1.9653	.04127	.04260	1.8920	.20902	.09822
Stddev	.00087	.00024	.0210	.00045	.00006	.0395	.00046	.03961
%RSD	2.0643	2.0384	1.0677	1.0967	.14696	2.0890	.22165	40.331
#1	.04286	.01191	1.9650	.04146	.04267	1.8535	.20865	.05262
#2	.04250	.01157	1.9445	.04159	.04259	1.8899	.20887	.11792
#3	.04120	.01145	1.9864	.04075	.04255	1.9325	.20954	.12413
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01824	.36840	.03605	.04150	.01754	.0177	.02158	F 2.5530
Stddev	.01024	.00770	.00136	.00255	.00050	.0011	.00013	.1897
%RSD	56.105	2.0891	3.7605	6.1498	2.8689	6.141	.59854	7.4308
#1	.02972	.37455	.03505	.04314	.01714	.0167	.02144	2.4104
#2	.01493	.35977	.03551	.03856	.01737	.0175	.02162	2.7683
#3	.01007	.37088	.03760	.04280	.01810	.0189	.02169	2.4802

Sample Name: CRI01 Acquired: 7/31/2019 13:23:01 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 4.6253
Stddev	.8513
%RSD	18.405

#1	5.0640
#2	3.6441
#3	5.1676

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2761.5	33305.	2247.7	35.585	3008.1
Stddev	8.4	131.	12.6	.168	5.2
%RSD	.30583	.39288	.56192	.47199	.17279

#1	2765.2	33189.	2233.2	35.682	3009.0
#2	2751.9	33278.	2254.5	35.391	3002.5
#3	2767.5	33447.	2255.5	35.682	3012.8

Sample Name: ICSA01 Acquired: 7/31/2019 13:27:29 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01324	.00093	.01139	.01851	.01116	275.58	.03437	.00015
Stddev	.00667	.00101	.00063	.00325	.00316	.50	.00070	.00009
%RSD	50.372	108.97	5.5486	17.529	28.345	.18168	2.0280	57.039
#1	.02011	.00210	.01173	.02166	.00858	275.00	.03385	.00018
#2	.01280	.00035	.01179	.01871	.01469	275.81	.03410	.00022
#3	.00680	.00034	.01067	.01518	.01020	275.93	.03516	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00417	257.03	.05687	.00484	.02051	100.42	.02330	279.14
Stddev	.00035	.40	.00095	.00025	.00109	.54	.00020	1.09
%RSD	8.3872	.15622	1.6702	5.0851	5.3328	.53494	.84021	.39172
#1	.00436	257.45	.05649	.00512	.01945	101.04	.02315	277.92
#2	.00438	256.65	.05795	.00467	.02163	100.07	.02352	280.03
#3	.00377	256.99	.05617	.00472	.02044	100.16	.02323	279.47
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	-.00246	.08093	.00718	-.00876	.08697	.00852	.00817
Stddev	.00014	.00064	.01172	.00042	.00035	.06728	.00118	.02539
%RSD	42.017	26.183	14.478	5.8474	3.9482	77.366	13.823	310.64
#1	.00038	-.00220	.06819	.00753	-.00837	.07869	.00940	.03440
#2	.00017	-.00199	.08339	.00730	-.00887	.15800	.00899	-.01630
#3	.00043	-.00319	.09123	.00671	-.00904	.02421	.00718	.00642
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03113	F 5.0319	.01665	.01131	.01392	.0121	.01135	4.5367
Stddev	.00442	.0262	.00188	.00112	.00315	.0022	.00072	.1009
%RSD	14.192	.52000	11.285	9.9029	22.626	18.28	6.3363	2.2247
#1	.02788	5.0618	.01869	.01181	.01755	.0120	.01084	4.5355
#2	.02935	5.0136	.01628	.01209	.01186	.0143	.01217	4.6382
#3	.03616	5.0202	.01499	.01003	.01236	.0099	.01103	4.4364

Sample Name: ICSA01 Acquired: 7/31/2019 13:27:29 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.4211
Stddev	2.0815
%RSD	146.47

#1	-.77594
#2	1.6756
#3	3.3636

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2568.6	30397.	2192.7	32.889	2526.3
Stddev	7.2	103.	10.3	1.027	6.5
%RSD	.27883	.34026	.47037	3.1225	.25599

#1	2561.0	30279.	2180.8	31.786	2519.2
#2	2569.4	30439.	2199.0	33.817	2531.9
#3	2575.3	30473.	2198.3	33.065	2527.8

Sample Name: ICSAB01 Acquired: 7/31/2019 13:32:07 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10323	.08752	.05320	.05522	.63869	268.12	.56048	.55501
Stddev	.00284	.00032	.00144	.00086	.00296	.76	.00055	.00139
%RSD	2.7544	.36453	2.7141	1.5619	.46420	.28223	.09735	.25098
#1	.10614	.08784	.05176	.05511	.64072	267.29	.55985	.55653
#2	.10046	.08754	.05465	.05442	.63529	268.78	.56074	.55379
#3	.10309	.08720	.05319	.05614	.64007	268.28	.56085	.55471
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0299	251.53	.57504	.51666	.52613	98.271	.52887	270.56
Stddev	.0032	.53	.00108	.00178	.00046	.544	.00044	1.22
%RSD	.30822	.21095	.18864	.34494	.08674	.55316	.08252	.45144
#1	1.0335	251.12	.57442	.51513	.52625	98.759	.52911	269.61
#2	1.0289	251.33	.57629	.51622	.52651	98.370	.52915	271.94
#3	1.0274	252.13	.57441	.51862	.52562	97.685	.52837	270.12
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0173	.21538	-.01072	.53183	1.0773	-.03916	1.0626	1.0715
Stddev	.0003	.00044	.00673	.00112	.0031	.02805	.0022	.0481
%RSD	.02663	.20324	62.792	.21081	.29109	71.621	.20459	4.4933
#1	1.0176	.21498	-.01810	.53213	1.0808	-.04092	1.0639	1.0907
#2	1.0171	.21585	-.00914	.53059	1.0762	-.06629	1.0637	1.1072
#3	1.0172	.21533	-.00492	.53277	1.0748	-.01028	1.0600	1.0168
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .44670	F 5.8031	1.1013	1.0632	F .42860	F .4321	F .45000	5.1048
Stddev	.01355	.0241	.0046	.0086	.00884	.0118	.00641	.0622
%RSD	3.0327	.41520	.41396	.80463	2.0627	2.723	1.4251	1.2185
#1	.43247	5.8231	1.1016	1.0679	.43817	.4239	.45638	5.0444
#2	.44818	5.8100	1.1057	1.0533	.42688	.4267	.45007	5.1686
#3	.45944	5.7764	1.0966	1.0682	.42074	.4456	.44356	5.1015

Sample Name: ICSAB01 Acquired: 7/31/2019 13:32:07 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0814
Stddev .5058
%RSD 46.775

#1 .50454
#2 1.4491
#3 1.2906

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2573.8	30560.	2191.2	32.818	2532.8
Stddev	11.3	97.	7.7	2.015	8.1
%RSD	.43777	.31694	.35088	6.1408	.32002

#1	2561.3	30522.	2182.6	34.263	2524.0
#2	2576.9	30489.	2197.4	33.674	2534.6
#3	2583.2	30671.	2193.6	30.516	2539.9

Sample Name: CCV01 Acquired: 7/31/2019 13:36:33 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8976	4.8968	4.8707	4.9400	4.8999	9.6913	9.7972	.24700
Stddev	.0141	.0099	.0078	.0068	.0088	.0807	.0290	.00036
%RSD	.28850	.20248	.16012	.13781	.17884	.83286	.29616	.14480
#1	4.8820	4.9080	4.8754	4.9363	4.9025	9.6015	9.7743	.24739
#2	4.9094	4.8891	4.8617	4.9478	4.9070	9.7146	9.7873	.24692
#3	4.9014	4.8934	4.8749	4.9358	4.8901	9.7578	9.8298	.24669
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4217	24.719	.98423	2.4393	1.2376	4.9506	2.4323	24.506
Stddev	.0036	.123	.00117	.0036	.0017	.0094	.0036	.126
%RSD	.14966	.49775	.11917	.14588	.13328	.19059	.14695	.51429
#1	2.4259	24.650	.98376	2.4434	1.2393	4.9399	2.4342	24.387
#2	2.4197	24.647	.98337	2.4369	1.2360	4.9576	2.4282	24.493
#3	2.4195	24.862	.98557	2.4375	1.2375	4.9543	2.4345	24.638
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4287	1.2275	24.388	2.4583	2.4346	24.028	4.8996	4.8281
Stddev	.0025	.0028	.029	.0053	.0032	.191	.0043	.0317
%RSD	.10449	.22484	.11987	.21571	.13168	.79431	.08705	.65712
#1	2.4314	1.2259	24.379	2.4596	2.4381	23.808	4.8983	4.7920
#2	2.4282	1.2307	24.421	2.4629	2.4318	24.156	4.9044	4.8514
#3	2.4264	1.2259	24.365	2.4525	2.4339	24.119	4.8962	4.8410
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8727	4.8956	4.8782	4.9149	4.8228	4.917	4.9387	F 3.8671
Stddev	.0265	.0242	.0112	.0354	.0173	.019	.0161	.0443
%RSD	.54394	.49433	.23047	.72069	.35888	.3829	.32557	1.1466
#1	4.8921	4.8849	4.8878	4.8841	4.8127	4.935	4.9276	3.8864
#2	4.8834	4.8786	4.8658	4.9070	4.8129	4.898	4.9315	3.8986
#3	4.8425	4.9233	4.8809	4.9536	4.8428	4.917	4.9572	3.8164

Sample Name: CCV01 Acquired: 7/31/2019 13:36:33 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.9671
Stddev 3.0916
%RSD 62.243

#1 7.9725
#2 5.1328
#3 1.7959

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2681.1	32344.	2222.1	34.567	2755.4
Stddev	7.1	54.	5.8	1.264	9.8
%RSD	.26646	.16557	.26112	3.6566	.35418

#1	2673.9	32364.	2222.4	33.787	2744.2
#2	2681.2	32385.	2227.7	33.889	2760.2
#3	2688.2	32283.	2216.1	36.026	2761.8

Sample Name: LLCCV01 Acquired: 7/31/2019 13:40:32 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02063	.04069	.01110	.02203	.05135	.09087	.10356	.00660
Stddev	.00496	.00102	.00035	.00225	.00502	.01650	.00096	.00020
%RSD	24.052	2.5090	3.1360	10.215	9.7791	18.155	.93021	3.0180
#1	.02619	.04064	.01149	.02378	.04830	.07542	.10402	.00664
#2	.01905	.03969	.01099	.02281	.04860	.08895	.10245	.00639
#3	.01665	.04173	.01082	.01949	.05715	.10825	.10420	.00679
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00612	2.1108	.01178	.03063	.02153	.11268	.02236	2.0910
Stddev	.00011	.0218	.00044	.00003	.00053	.00208	.00007	.0959
%RSD	1.7770	1.0334	3.7261	.09525	2.4746	1.8474	.30744	4.5843
#1	.00602	2.1296	.01189	.03061	.02165	.11277	.02236	1.9811
#2	.00611	2.1158	.01129	.03066	.02200	.11055	.02229	2.1347
#3	.00623	2.0869	.01215	.03062	.02095	.11471	.02242	2.1573
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04261	.01149	2.0066	.04203	.04284	1.8580	.20979	.11662
Stddev	.00043	.00036	.0353	.00075	.00029	.0752	.00152	.01832
%RSD	1.0008	3.1589	1.7610	1.7769	.67312	4.0476	.72632	15.713
#1	.04224	.01114	1.9660	.04118	.04288	1.8760	.21153	.09948
#2	.04307	.01148	2.0239	.04234	.04253	1.7754	.20870	.13593
#3	.04251	.01187	2.0300	.04257	.04310	1.9225	.20912	.11446
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01745	.37049	.03719	.03966	.01729	.0173	.02188	F 3.0389
Stddev	.00422	.00863	.00043	.00317	.00231	.0014	.00018	.1645
%RSD	24.185	2.3289	1.1525	7.9959	13.352	8.095	.84363	5.4123
#1	.01262	.38042	.03671	.03736	.01936	.0179	.02182	3.1944
#2	.02041	.36626	.03734	.04328	.01480	.0157	.02173	3.0556
#3	.01932	.36479	.03753	.03836	.01771	.0183	.02208	2.8667

Sample Name: LLCCV01 Acquired: 7/31/2019 13:40:32 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.5487
 Stddev .8086
 %RSD 22.785

#1 3.2244
 #2 2.9526
 #3 4.4691

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2752.7	33169.	2245.9	35.994	2993.3
Stddev	.7	59.	21.6	.520	5.8
%RSD	.02595	.17720	.96289	1.4451	.19265

#1	2752.0	33193.	2221.1	36.150	2995.8
#2	2752.7	33212.	2255.5	36.418	2997.4
#3	2753.5	33102.	2261.1	35.414	2986.7

Sample Name: CCB01 Acquired: 7/31/2019 13:45:00 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00168	.00044	-.00162	-.00122	-.00138	.00227	.00031	-.00001
Stddev	.00166	.00102	.00083	.00135	.00244	.02139	.00080	.00005
%RSD	99.128	231.23	51.512	110.67	176.73	942.65	257.30	961.81
#1	-.00089	.00006	-.00093	.00016	-.00283	-.01951	-.00058	-.00006
#2	-.00358	.00159	-.00138	-.00129	.00144	.02326	.00094	.00004
#3	-.00055	-.00033	-.00255	-.00252	-.00275	.00306	.00057	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.01249	.00018	-.00006	-.00110	.00132	-.00015	.00821
Stddev	.00011	.01295	.00061	.00028	.00075	.00047	.00003	.05750
%RSD	100.31	103.70	344.64	490.00	68.304	35.793	20.967	700.63
#1	.00002	.00237	.00055	.00026	-.00118	.00117	-.00012	.00839
#2	-.00016	-.01844	.00050	-.00021	-.00031	.00095	-.00018	.06562
#3	-.00019	-.02138	-.00053	-.00022	-.00181	.00186	-.00016	-.04939
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	.00027	-.07325	-.00077	-.00198	-.07306	-.00034	.00094
Stddev	.00020	.00065	.02411	.00009	.00008	.02170	.00020	.01188
%RSD	95.452	243.25	32.909	12.194	3.8310	29.699	60.540	1257.7
#1	-.00000	.00019	-.06352	-.00088	-.00189	-.08038	-.00030	.01374
#2	-.00022	.00096	-.10070	-.00069	-.00201	-.04865	-.00016	-.00973
#3	-.00040	-.00034	-.05553	-.00075	-.00204	-.09016	-.00056	-.00118
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00230	.00288	-.00238	.00087	-.00417	-.0007	.00018	F 3.1975
Stddev	.00466	.00249	.00078	.00232	.00327	.0007	.00011	.1499
%RSD	202.64	86.481	32.889	264.95	78.427	104.6	58.126	4.6884
#1	.00695	.00196	-.00205	.00342	-.00054	-.0008	.00030	3.0613
#2	.00233	.00098	-.00181	.00031	-.00506	-.0014	.00009	3.1730
#3	-.00238	.00570	-.00327	-.00111	-.00689	.0001	.00016	3.3581

Sample Name: CCB01 Acquired: 7/31/2019 13:45:00 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 4.7296
 Stddev 1.1252
 %RSD 23.789

#1 3.6451
 #2 4.6524
 #3 5.8914

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2736.5	32897.	2231.5	35.670	2970.1
Stddev	5.7	73.	34.7	1.190	8.0
%RSD	.20663	.22324	1.5567	3.3364	.27012

#1	2742.1	32814.	2191.6	34.818	2979.1
#2	2730.8	32953.	2254.3	37.030	2963.7
#3	2736.7	32924.	2248.8	35.161	2967.4

Sample Name: LR CHECK 1 Acquired: 7/31/2019 13:53:07 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08953	-.19569	.02896	-.20688	.06443	1875.7	.01687	.03067
Stddev	.00332	.00184	.00343	.01484	.00287	2.9	.00025	.00022
%RSD	3.7049	.93822	11.852	7.1714	4.4557	.15539	1.5036	.70631

#1	-.08593	-.19748	.02574	-.20320	.06699	1874.2	.01695	.03064
#2	-.09246	-.19381	.03257	-.22321	.06498	1873.8	.01707	.03090
#3	-.09020	-.19577	.02855	-.19423	.06133	1879.0	.01658	.03047

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12195	1940.7	-.04702	.08236	1.4380	810.29	.00680	1936.9
Stddev	.00066	7.8	.00035	.00051	.0021	2.02	.00056	3.5
%RSD	.54362	.40347	.74622	.61666	.14710	.24938	8.2016	.17937

#1	.12119	1949.6	-.04674	.08295	1.4404	812.26	.00729	1933.0
#2	.12234	1934.8	-.04741	.08208	1.4370	808.23	.00693	1939.5
#3	.12233	1937.7	-.04691	.08205	1.4366	810.38	.00619	1938.3

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05659	3.7776	1789.1	.00663	.18326	1094.3	-.02304	-1.2367
Stddev	.00213	.0117	12.3	.00067	.00122	2.7	.00056	.0231
%RSD	3.7579	.30927	.68468	10.072	.66672	.24466	2.4134	1.8693

#1	.05488	3.7886	1799.4	.00621	.18200	1095.7	-.02245	-1.2247
#2	.05591	3.7653	1775.6	.00740	.18332	1091.2	-.02312	-1.2633
#3	.05897	3.7791	1792.3	.00628	.18444	1095.9	-.02355	-1.2220

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37433	40.490	.06840	-.06480	.04215	.0516	-.87416	.85974
Stddev	.02959	.100	.00872	.00758	.00178	.0076	.00230	.13519
%RSD	7.9058	.24719	12.745	11.703	4.2238	14.72	.26296	15.724

#1	.34262	40.587	.05834	-.06673	.04212	.0497	-.87650	.74765
#2	.40122	40.387	.07333	-.05644	.04038	.0451	-.87190	.82169
#3	.37915	40.496	.07355	-.07124	.04394	.0599	-.87407	1.0099

Sample Name: LR CHECK 1 Acquired: 7/31/2019 13:53:07 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 3.5701
%RSD 1.5013

#1 -240.24
#2 -233.70
#3 -239.46

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2096.5	24247.	1962.5	27.273	1688.4
Stddev	3.0	29.	12.4	.223	2.1
%RSD	.14297	.11958	.63044	.81936	.12284

#1	2099.9	24215.	1948.2	27.530	1690.6
#2	2094.1	24255.	1969.4	27.126	1686.5
#3	2095.6	24272.	1969.9	27.163	1688.1

Sample Name: LR CHECK 2 Acquired: 7/31/2019 13:57:47 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	-.02469	252.65	.02065	-.03731	-.00078	96.286	-.00125
Stddev	.00094	.00160	2.03	.00081	.00230	.00674	.200	.00006
%RSD	70.584	6.4697	.80451	3.9134	6.1536	868.99	.20810	4.9698

#1	.00074	-.02547	254.65	.01972	-.03989	-.00613	96.286	-.00118
#2	.00084	-.02285	250.58	.02117	-.03550	.00680	96.085	-.00131
#3	.00241	-.02574	252.72	.02106	-.03654	-.00300	96.486	-.00125

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00692	.57267	-.09565	-.00600	262.57	-.69023	42.890	.01745
Stddev	.00008	.04619	.00142	.00033	3.07	.00644	.264	.02382
%RSD	1.1149	8.0653	1.4830	5.5275	1.1690	.93326	.61468	136.50

#1	-.00696	.52463	-.09728	-.00605	265.50	-.69568	43.194	-.00920
#2	-.00696	.57661	-.09469	-.00631	259.38	-.68312	42.717	.02486
#3	-.00683	.61675	-.09498	-.00565	262.82	-.69188	42.760	.03669

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.237	.00257	1.6952	-.13058	37.858	.88993	-.00455	-.00330
Stddev	.411	.00060	.0685	.00076	.277	.08683	.00043	.01084
%RSD	.78762	23.223	4.0411	.57933	.73173	9.7575	9.5279	328.09

#1	52.666	.00266	1.7417	-.13138	38.114	.98857	-.00503	.00921
#2	51.846	.00194	1.7274	-.12987	37.564	.85620	-.00440	-.00951
#3	52.200	.00312	1.6165	-.13050	37.896	.82503	-.00420	-.00962

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09646	-.03670	-.00069	.02217	-.00449	-.0414	.00157	4.0025
Stddev	.00538	.00409	.00080	.00235	.00271	.0093	.00012	.0853
%RSD	5.5761	11.137	116.48	10.609	60.285	22.36	7.3869	2.1301

#1	.10056	-.03805	-.00046	.02346	-.00729	-.0394	.00154	4.0689
#2	.09037	-.03211	-.00158	.02358	-.00189	-.0334	.00170	4.0323
#3	.09844	-.03994	-.00003	.01945	-.00428	-.0516	.00147	3.9064

Sample Name: LR CHECK 2 Acquired: 7/31/2019 13:57:47 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.0200
 Stddev .0425
 %RSD 1.0581

#1 4.0271
 #2 4.0585
 #3 3.9744

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2643.2	34067.	2231.7	34.321	2850.8
Stddev	23.4	162.	17.3	.367	21.5
%RSD	.88487	.47535	.77659	1.0697	.75333

#1	2630.8	33893.	2218.6	34.075	2840.7
#2	2670.2	34096.	2225.2	34.743	2875.4
#3	2628.6	34213.	2251.4	34.145	2836.2

Sample Name: PB121860BS Acquired: 7/31/2019 14:02:16 Type: Unk
Method: P4-ICP2(v3306) 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	.77903	2.0344	1.0326	1.9583	.80438	2.0165	.21436
Stddev	.00770	.0025	.0048	.0094	.00236	.0337	.00272
%RSD	.98810	.12495	.46108	.48023	.29320	1.6708	1.2676

#1	.78574	2.0365	1.0380	1.9689	.80593	1.9799	.21124
#2	.77062	2.0316	1.0309	1.9554	.80555	2.0461	.21565
#3	.78073	2.0351	1.0290	1.9507	.80167	2.0236	.21619

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19912	.19750	1.0913	.43064	.20868	.33572	3.2636
Stddev	.00087	.00063	.0338	.00160	.00016	.00118	.0098
%RSD	.43604	.31767	3.0962	.37236	.07846	.35276	.30115

#1	.19823	.19819	1.1069	.42907	.20859	.33642	3.2646
#2	.19914	.19734	1.0525	.43056	.20857	.33639	3.2533
#3	.19997	.19697	1.1145	.43228	.20886	.33435	3.2728

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21652	2.1106	.51913	.08834	3.5697	.32229	.20677
Stddev	.00116	.0659	.00086	.00148	.0155	.00138	.00077
%RSD	.53560	3.1245	.16505	1.6717	.43325	.42955	.37045

#1	.21618	2.1264	.52011	.08665	3.5591	.32238	.20762
#2	.21558	2.1672	.51877	.08938	3.5874	.32086	.20657
#3	.21782	2.0382	.51851	.08900	3.5625	.32362	.20613

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.357	.41028	.28496	F -.00065	1.0413	.68972	.20241
Stddev	.122	.00059	.00964	.00567	.0026	.00287	.00325
%RSD	1.1750	.14289	3.3830	869.42	.24686	.41580	1.6051

#1	10.247	.41016	.28036	-.00203	1.0434	.69041	.20376
#2	10.487	.41091	.27847	.00558	1.0384	.68657	.20476
#3	10.337	.40976	.29603	-.00551	1.0421	.69218	.19870

Sample Name: PB121860BS Acquired: 7/31/2019 14:02:16 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22395	5.808	.21510	F 3.4232	F<.00000
Stddev	.00156	.010	.00070	.0919	1.3110
%RSD	.69597	.1752	.32413	2.6832	293.61

#1	.22348	5.802	.21500	3.4718	-1.1285
#2	.22569	5.820	.21584	3.3173	-1.2759
#3	.22268	5.802	.21446	3.4806	1.0649

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2672.7	32813.	2204.5	34.820	2891.1
Stddev	5.3	171.	16.4	.493	4.7
%RSD	.19756	.52083	.74346	1.4151	.16287

#1	2673.1	32699.	2186.7	34.255	2893.0
#2	2667.3	33009.	2218.9	35.155	2885.7
#3	2677.8	32730.	2207.8	35.052	2894.5

Sample Name: K3621-07 Acquired: 7/31/2019 14:14:40 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OK-01-072919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02812	-.06970	.51039	.04160	.00666	169.11	.82788
Stddev	.00461	.00302	.00151	.00372	.00111	.81	.00343
%RSD	16.404	4.3399	.29655	8.9483	16.641	.48180	.41411

#1	.02676	-.07218	.51214	.03754	.00751	168.21	.82417
#2	.02433	-.06633	.50962	.04486	.00707	169.33	.83093
#3	.03325	-.07059	.50942	.04241	.00541	169.80	.82853

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00943	.00416	57.088	.25383	.22384	.71546	304.93
Stddev	.00010	.00038	.198	.00287	.00038	.00470	.71
%RSD	1.0764	9.1142	.34765	1.1302	.17012	.65730	.23137

#1	.00950	.00383	56.886	.25712	.22428	.71265	305.52
#2	.00931	.00408	57.094	.25245	.22361	.72089	304.15
#3	.00948	.00457	57.283	.25191	.22363	.71285	305.13

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1667	76.106	.34444	1.4902	13.757	.44638	.90961
Stddev	.0243	.461	.00202	.0036	.089	.00375	.00176
%RSD	.33901	.60619	.58771	.24397	.64938	.83912	.19327

#1	7.1918	75.589	.34254	1.4935	13.667	.44828	.90896
#2	7.1647	76.254	.34657	1.4863	13.846	.44880	.90827
#3	7.1434	76.475	.34419	1.4908	13.760	.44207	.91160

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.199	.00262	-.02855	4.0876	F 17.388	.03239	5.5582
Stddev	.055	.00068	.04026	.0270	.049	.00097	.0234
%RSD	.38581	26.050	141.02	.66127	.28058	2.9964	.42193

#1	14.139	.00202	.01689	4.1169	17.432	.03236	5.5312
#2	14.209	.00247	-.05978	4.0822	17.335	.03143	5.5702
#3	14.247	.00336	-.04277	4.0636	17.397	.03338	5.5733

Sample Name: K3621-07 Acquired: 7/31/2019 14:14:40 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OK-01-072919 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24975	9.031	-.19387	<.00000	F<.00000
Stddev	.00225	.017	.00114	.11035	1.6748
%RSD	.90040	.1930	.58767	3.5297	5.3097

#1	.25211	9.043	-.19499	-3.2150	-29.682
#2	.24763	9.039	-.19271	-3.1615	-32.017
#3	.24950	9.011	-.19389	-3.0028	-32.929

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3256.1	38949.	2757.2	34.476	2647.9
Stddev	15.9	93.	21.7	1.224	2.7
%RSD	.48810	.23934	.78608	3.5489	.10346

#1	3268.2	38852.	2732.3	33.064	2645.2
#2	3238.1	38959.	2770.9	35.226	2650.7
#3	3262.1	39038.	2768.6	35.138	2647.8

Sample Name: K3621-07DUP Acquired: 7/31/2019 14:19:13 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OK-01-072919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03000	-.07004	.51599	.04176	.00475	170.78	.84734
Stddev	.00242	.00153	.00306	.00504	.00450	.50	.00163
%RSD	8.0733	2.1849	.59255	12.061	94.649	.29346	.19216

#1	.03035	-.06952	.51698	.03911	.00662	170.96	.84546
#2	.03222	-.07177	.51843	.03860	-.00038	171.16	.84821
#3	.02742	-.06885	.51256	.04757	.00801	170.21	.84834

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00980	.00422	57.546	.24693	.22325	.71718	307.10
Stddev	.00043	.00023	.254	.00267	.00061	.00120	1.03
%RSD	4.3561	5.5465	.44190	1.0799	.27423	.16742	.33481

#1	.01028	.00425	57.284	.24505	.22393	.71617	308.17
#2	.00966	.00397	57.792	.24998	.22274	.71851	307.01
#3	.00946	.00444	57.561	.24574	.22307	.71686	306.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4373	75.876	.34527	1.5011	13.754	.44449	.92231
Stddev	.0233	.143	.00024	.0048	.043	.00266	.00129
%RSD	.31402	.18908	.06834	.32243	.31075	.59789	.14000

#1	7.4520	76.033	.34526	1.5059	13.735	.44689	.92099
#2	7.4495	75.842	.34551	1.5010	13.803	.44494	.92357
#3	7.4104	75.752	.34504	1.4962	13.725	.44164	.92238

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.940	.00233	-.00911	4.3071	F 17.523	.03354	5.5095
Stddev	.096	.00034	.00930	.0228	.047	.00105	.0121
%RSD	.68857	14.415	102.08	.53045	.27096	3.1377	.21862

#1	14.027	.00195	-.00123	4.3335	17.574	.03232	5.4961
#2	13.956	.00256	-.00673	4.2950	17.517	.03407	5.5128
#3	13.837	.00249	-.01936	4.2929	17.479	.03421	5.5195

Sample Name: K3621-07DUP Acquired: 7/31/2019 14:19:13 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OK-01-072919 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25389	8.986	-.19494	<.00000	F<.00000
Stddev	.00111	.012	.00106	.09969	1.0466
%RSD	.43527	.1358	.54272	2.8797	3.2860
#1	.25292	8.997	-.19595	-3.5350	-31.035
#2	.25365	8.987	-.19505	-3.3482	-31.484
#3	.25510	8.973	-.19384	-3.5020	-33.030
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3253.0	38714.	2719.8	33.870	2631.3
Stddev	15.7	137.	14.1	.774	7.9
%RSD	.48141	.35459	.51962	2.2841	.30071
#1	3260.8	38656.	2724.7	34.536	2634.6
#2	3235.0	38616.	2703.9	34.052	2622.3
#3	3263.2	38871.	2730.9	33.021	2637.1

Sample Name: K3621-07LX5 Acquired: 7/31/2019 14:23:46 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00480	-.01566	.10310	.01175	.00040	40.936	.20038	.00145
Stddev	.00440	.00154	.00078	.00470	.00052	.195	.00118	.00008
%RSD	91.718	9.8419	.76106	40.005	129.25	.47661	.58798	5.5015

#1	.00759	-.01571	.10399	.01714	-.00020	40.946	.20162	.00154
#2	-.00028	-.01410	.10279	.00959	.00074	41.126	.20026	.00138
#3	.00709	-.01718	.10251	.00851	.00066	40.736	.19927	.00142

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00207	14.183	.06294	.04613	.18125	84.773	1.8357	18.589
Stddev	.00014	.051	.00052	.00041	.00094	.246	.0083	.269
%RSD	6.9445	.36017	.82004	.89376	.51763	.28965	.45098	1.4490

#1	-.00193	14.149	.06304	.04590	.18206	84.888	1.8422	18.678
#2	-.00221	14.160	.06340	.04661	.18022	84.939	1.8386	18.802
#3	-.00206	14.242	.06238	.04588	.18146	84.491	1.8264	18.286

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07032	.41659	3.2137	.10976	.17525	3.3899	-.00014	-.01197
Stddev	.00042	.00122	.0231	.00035	.00057	.0709	.00016	.02018
%RSD	.60237	.29170	.71971	.32009	.32337	2.0912	115.83	168.55

#1	.06995	.41626	3.1955	.11013	.17513	3.4556	-.00030	-.03152
#2	.07078	.41794	3.2397	.10943	.17586	3.3994	-.00014	.00879
#3	.07021	.41557	3.2058	.10972	.17475	3.3148	.00002	-.01319

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84520	5.8577	.00426	1.5038	.05933	1.861	-.05795	2.2312
Stddev	.00200	.0078	.00127	.0122	.00388	.002	.00056	.1430
%RSD	.23685	.13287	29.806	.80845	6.5324	.0853	.96926	6.4077

#1	.84518	5.8655	.00402	1.4953	.05671	1.863	-.05841	2.1035
#2	.84721	5.8499	.00313	1.4983	.06378	1.862	-.05811	2.2045
#3	.84321	5.8578	.00563	1.5177	.05750	1.860	-.05732	2.3857

Sample Name: K3621-07LX5 Acquired: 7/31/2019 14:23:46 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7764
 Stddev 1.6246
 %RSD 91.456

#1 1.0001
 #2 .68553
 #3 3.6435

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2846.7	34083.	2320.8	34.383	2840.3
Stddev	9.4	150.	23.1	1.368	11.8
%RSD	.33074	.43905	.99380	3.9790	.41517

#1	2837.9	33957.	2314.7	34.143	2829.6
#2	2845.4	34044.	2346.3	35.855	2838.5
#3	2856.6	34249.	2301.4	33.150	2852.9

Sample Name: K3621-07MS Acquired: 7/31/2019 14:28:15 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OK-01-072919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68932	2.0244	1.5523	1.7267	.70104	166.28	.98845
Stddev	.00190	.0164	.0109	.0117	.00158	.46	.00515
%RSD	.27519	.81214	.69958	.67594	.22542	.27617	.52071

#1	.68907	2.0299	1.5610	1.7348	.70017	165.75	.98459
#2	.68756	2.0374	1.5557	1.7319	.70287	166.51	.99429
#3	.69133	2.0059	1.5401	1.7133	.70009	166.57	.98647

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18513	.21146	56.903	.59184	.43392	.95688	303.28
Stddev	.00065	.00134	.115	.00126	.00290	.00656	1.72
%RSD	.35306	.63574	.20123	.21256	.66800	.68548	.56636

#1	.18546	.21202	56.777	.59182	.43497	.95858	301.74
#2	.18555	.21243	57.001	.59059	.43615	.96242	302.97
#3	.18438	.20992	56.930	.59311	.43065	.94964	305.13

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2346	75.514	.86535	1.5460	16.038	.69594	1.1088
Stddev	.0308	.484	.00519	.0086	.092	.00107	.0096
%RSD	.42570	.64110	.59984	.55958	.57531	.15333	.86382

#1	7.2003	75.504	.86900	1.5385	15.973	.69632	1.1142
#2	7.2599	76.003	.86764	1.5439	16.143	.69676	1.1145
#3	7.2435	75.035	.85941	1.5555	15.996	.69473	1.0978

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.493	.34390	.23880	4.0528	F 17.192	.79047	5.5387
Stddev	.081	.00206	.02231	.0182	.092	.00457	.0588
%RSD	.35897	.59876	9.3424	.44801	.53255	.57760	1.0615

#1	22.462	.34561	.25119	4.0606	17.126	.79489	5.4807
#2	22.433	.34447	.21305	4.0657	17.154	.79077	5.5370
#3	22.585	.34161	.25217	4.0320	17.297	.78577	5.5983

Sample Name: K3621-07MS Acquired: 7/31/2019 14:28:15 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OK-01-072919 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.43273	F 15.31	-.01533	<.00000	F<.00000
Stddev	.00516	.13	.00047	.22416	1.0780
%RSD	1.1933	.8393	3.0748	9.3571	3.3929

#1	.43029	15.37	-.01574	-2.4653	-31.496
#2	.42923	15.40	-.01481	-2.1449	-30.858
#3	.43866	15.16	-.01543	-2.5766	-32.961

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3238.0	38704.	2706.1	33.852	2632.9
Stddev	10.9	79.	7.4	1.753	12.6
%RSD	.33723	.20319	.27340	5.1773	.47963

#1	3234.3	38727.	2699.8	32.230	2627.0
#2	3229.5	38616.	2714.2	33.615	2624.4
#3	3250.3	38768.	2704.1	35.711	2647.5

Sample Name: K3621-07MSD Acquired: 7/31/2019 14:32:44 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OK-01-072919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68114	1.9898	1.5311	1.7006	.68879	166.85	.98749
Stddev	.00463	.0056	.0049	.0097	.00411	.65	.00228
%RSD	.67925	.28235	.31857	.56820	.59610	.39158	.23049

#1	.68010	1.9837	1.5294	1.7026	.68952	166.34	.98651
#2	.67712	1.9947	1.5273	1.7092	.68437	166.61	.98586
#3	.68619	1.9910	1.5366	1.6902	.69248	167.58	.99009

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18214	.20847	57.084	.58060	.43039	.95304	301.54
Stddev	.00019	.00031	.223	.00150	.00048	.00215	.79
%RSD	.10319	.14668	.39039	.25818	.11057	.22602	.26360

#1	.18234	.20828	57.084	.58188	.43093	.95077	301.01
#2	.18196	.20832	57.307	.58096	.43008	.95506	301.16
#3	.18213	.20883	56.861	.57895	.43015	.95328	302.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2407	75.995	.85534	1.5356	16.045	.68663	1.1081
Stddev	.0498	.274	.00178	.0039	.058	.00254	.0020
%RSD	.68726	.36110	.20867	.25129	.35885	.37020	.17755

#1	7.1934	75.809	.85530	1.5331	16.009	.68834	1.1071
#2	7.2361	75.865	.85357	1.5338	16.014	.68785	1.1104
#3	7.2926	76.310	.85714	1.5401	16.111	.68371	1.1069

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.235	.33864	.22299	4.0810	F 17.084	.77393	5.5424
Stddev	.199	.00053	.03950	.0053	.029	.00166	.0183
%RSD	.89518	.15585	17.716	.13023	.16683	.21510	.33037

#1	22.133	.33849	.20957	4.0761	17.062	.77361	5.5353
#2	22.108	.33820	.19193	4.0804	17.073	.77245	5.5632
#3	22.465	.33923	.26745	4.0866	17.116	.77573	5.5287

Sample Name: K3621-07MSD Acquired: 7/31/2019 14:32:44 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OK-01-072919 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.42683	F 15.23	-.01653	<.00000	F<.00000
Stddev	.00293	.02	.00183	.31660	1.2836
%RSD	.68729	.1047	11.042	12.972	3.9874

#1	.42577	15.23	-.01575	-2.1672	-32.563
#2	.43014	15.22	-.01523	-2.3671	-33.247
#3	.42457	15.25	-.01862	-2.7875	-30.762

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3234.6	38714.	2701.8	32.780	2631.8
Stddev	13.1	87.	20.5	1.970	8.2
%RSD	.40617	.22425	.76029	6.0098	.31286

#1	3242.3	38666.	2690.4	34.391	2635.7
#2	3219.4	38814.	2689.5	30.584	2622.3
#3	3242.0	38661.	2725.5	33.366	2637.3

Sample Name: PB121846BS Acquired: 7/31/2019 14:43:27 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: SP-3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77530	2.0092	.98712	2.0358	.81480	1.9135	.20572
Stddev	.00552	.0052	.00375	.0052	.00471	.0289	.00070
%RSD	.71233	.25836	.38037	.25584	.57849	1.5079	.34034

#1	.76951	2.0144	.99137	2.0323	.81955	1.9016	.20492
#2	.78051	2.0093	.98570	2.0333	.81473	1.9464	.20607
#3	.77588	2.0040	.98427	2.0418	.81013	1.8925	.20618

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20410	.19656	1.0292	.41557	.20323	.32484	3.1978
Stddev	.00100	.00080	.0122	.00228	.00054	.00113	.0052
%RSD	.49220	.40803	1.1826	.54946	.26699	.34873	.16266

#1	.20300	.19590	1.0153	.41381	.20384	.32494	3.1995
#2	.20434	.19745	1.0341	.41815	.20307	.32592	3.2019
#3	.20496	.19631	1.0381	.41474	.20279	.32366	3.1920

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20864	2.1417	.50664	.08938	3.0108	.31077	.20109
Stddev	.00039	.0193	.00266	.00059	.0228	.00130	.00031
%RSD	.18742	.90208	.52522	.65703	.75762	.41851	.15238

#1	.20908	2.1497	.50944	.08875	2.9849	.30962	.20085
#2	.20835	2.1558	.50635	.08949	3.0280	.31219	.20144
#3	.20849	2.1197	.50414	.08990	3.0195	.31052	.20099

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6553	.40481	.30147	F -.00062	1.0120	.69524	.20438
Stddev	.0783	.00046	.00654	.00367	.0101	.00131	.00096
%RSD	.81141	.11245	2.1678	591.82	1.0015	.18826	.47040

#1	9.6043	.40455	.30312	.00359	1.0143	.69412	.20392
#2	9.7455	.40534	.30702	-.00236	1.0008	.69492	.20549
#3	9.6161	.40455	.29427	-.00310	1.0207	.69668	.20374

Sample Name: PB121846BS Acquired: 7/31/2019 14:43:27 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SP-3 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21116	5.873	.20726	F 3.9061	F 2.5243
Stddev	.00406	.020	.00152	.2175	1.8038
%RSD	1.9224	.3331	.73448	5.5672	71.458
#1	.20894	5.871	.20581	3.7521	.73947
#2	.21585	5.893	.20884	4.1549	4.3465
#3	.20870	5.854	.20714	3.8114	2.4870
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2723.6	32853.	2209.0	34.600	2944.1
Stddev	7.7	189.	6.8	1.491	9.5
%RSD	.28134	.57594	.30629	4.3082	.32127
#1	2717.6	32786.	2206.4	33.652	2934.1
#2	2721.0	32706.	2203.9	36.318	2945.3
#3	2732.3	33066.	2216.7	33.830	2952.8

Sample Name: CCV02 Acquired: 7/31/2019 14:47:34 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15308 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0006	4.9942	4.9694	5.0465	4.9937	9.6979	10.033	.25233	2.4658
Stddev	.0063	.0129	.0109	.0097	.0018	.0797	.034	.00035	.0031
%RSD	.12506	.25823	.21988	.19257	.03638	.82227	.33701	.13949	.12651

#1	4.9935	4.9972	4.9695	5.0383	4.9920	9.6191	9.9946	.25240	2.4630
#2	5.0055	4.9800	4.9584	5.0438	4.9956	9.7786	10.058	.25195	2.4652
#3	5.0028	5.0053	4.9802	5.0572	4.9934	9.6962	10.047	.25264	2.4692

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.055	.99528	2.4900	1.2580	5.0344	2.4387	25.019	2.4709	1.2474
Stddev	.140	.00495	.0016	.0016	.0040	.0054	.229	.0022	.0008
%RSD	.55688	.49710	.06518	.12422	.07929	.22223	.91513	.08912	.06744

#1	24.975	.99081	2.4904	1.2572	5.0342	2.4423	25.013	2.4698	1.2465
#2	24.975	.99442	2.4882	1.2570	5.0306	2.4325	25.250	2.4735	1.2479
#3	25.216	1.0006	2.4913	1.2598	5.0385	2.4414	24.792	2.4695	1.2479

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.891	2.4958	2.4860	24.087	4.9769	4.8095	4.9896	4.8541	4.9782
Stddev	.090	.0022	.0016	.249	.0051	.0478	.0031	.0721	.0031
%RSD	.36304	.08739	.06519	1.0329	.10249	.99356	.06255	1.4858	.06165

#1	24.810	2.4948	2.4870	23.834	4.9716	4.7584	4.9930	4.8466	4.9752
#2	24.988	2.4943	2.4842	24.332	4.9773	4.8532	4.9887	4.7860	4.9813
#3	24.875	2.4983	2.4870	24.094	4.9818	4.8167	4.9870	4.9297	4.9782

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	4.9693	4.7934	5.116	5.0184	5.1162	5.4339			
Stddev	.0317	.0736	.007	.0547	.0317	.5662			
%RSD	.63709	1.5344	.1319	1.0893	.61939	10.420			

#1	4.9585	4.7715	5.123	5.0135	5.0815	4.8037			
#2	4.9444	4.7334	5.109	4.9664	5.1234	5.8999			
#3	5.0049	4.8755	5.117	5.0754	5.1436	5.5982			

Sample Name: CCV02 Acquired: 7/31/2019 14:47:34 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15308 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2656.4	31989.	2212.4	34.511	2722.1
Stddev	.5	63.	27.6	.932	1.9
%RSD	.01872	.19811	1.2482	2.7003	.06812
#1	2656.3	31924.	2203.5	35.009	2724.0
#2	2656.0	32050.	2243.4	33.436	2720.3
#3	2656.9	31992.	2190.4	35.089	2722.0

Sample Name: CCB02 Acquired: 7/31/2019 14:51:33 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB15308 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00156	.00087	.00061	.00265	.00106	-.01116	.00114
Stddev	.00060	.00098	.00092	.00306	.00070	.00900	.00057
%RSD	38.630	113.24	149.61	115.40	66.644	80.607	50.372

#1	-.00224	-.00024	.00157	.00571	.00175	-.01475	.00064
#2	-.00131	.00122	-.00026	.00262	.00107	-.01781	.00176
#3	-.00112	.00162	.00054	-.00040	.00034	-.00092	.00101

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00002	.01475	.00004	-.00008	-.00006	.00078
Stddev	.00008	.00007	.03415	.00081	.00012	.00056	.00110
%RSD	200.03	367.18	231.53	1854.9	153.51	1003.3	141.41

#1	-.00005	.00002	.04903	.00080	-.00022	-.00061	.00178
#2	.00009	-.00010	.01449	-.00081	-.00000	.00051	-.00041
#3	.00009	.00002	-.01927	.00014	-.00001	-.00007	.00097

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.04564	.00048	.00083	-.03503	.00001	-.00165
Stddev	.00007	.03844	.00010	.00079	.00223	.00080	.00012
%RSD	129.25	84.218	20.486	95.891	6.3712	9301.5	7.0507

#1	-.00004	-.08665	.00051	.00152	-.03679	-.00091	-.00155
#2	-.00013	-.03985	.00056	-.00004	-.03252	.00042	-.00178
#3	.00001	-.01043	.00037	.00099	-.03578	.00052	-.00163

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03217	.00027	-.02574	-.00080	-.00029	-.00053	.00041
Stddev	.06051	.00022	.02447	.00624	.00210	.00057	.00227
%RSD	188.11	81.887	95.069	779.57	733.51	108.61	554.90

#1	-.10046	.00006	-.01732	.00014	-.00186	-.00102	-.00156
#2	-.01082	.00051	-.00660	.00492	-.00110	.00010	-.00009
#3	.01478	.00024	-.05332	-.00746	.00210	-.00066	.00288

Sample Name: CCB02 Acquired: 7/31/2019 14:51:33 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB15308 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00316	-.0019	.00019	F 3.4535	F 4.2811
Stddev	.00096	.0022	.00009	.0242	.1853
%RSD	30.516	119.6	47.199	.69956	4.3284

#1	-.00363	-.0014	.00012	3.4788	4.1725
#2	-.00379	-.0043	.00015	3.4307	4.4951
#3	-.00205	.0001	.00028	3.4510	4.1758

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2738.7	33132.	2244.6	34.670	2970.6
Stddev	4.9	143.	9.9	2.411	5.0
%RSD	.17974	.43168	.44198	6.9548	.16946

#1	2741.6	33054.	2245.0	34.909	2973.8
#2	2733.0	33046.	2254.4	36.952	2964.8
#3	2741.5	33298.	2234.5	32.148	2973.1

Sample Name: K3621-07A Acquired: 7/31/2019 14:56:02 Type: Unk
Method: P4-ICP2(v3306) 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	.69300	2.0259	1.5509	1.7262	.69665	167.11	.99322
Stddev	.00233	.0054	.0025	.0105	.00385	.79	.00336
%RSD	.33553	.26677	.15979	.60773	.55234	.47338	.33849

#1	.69043	2.0236	1.5530	1.7156	.70106	166.20	.98959
#2	.69495	2.0221	1.5516	1.7262	.69491	167.62	.99383
#3	.69362	2.0321	1.5482	1.7366	.69399	167.50	.99623

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18433	.21149	57.561	.58821	.43510	.95980	302.57
Stddev	.00058	.00036	.209	.00213	.00023	.00128	1.63
%RSD	.31599	.17007	.36307	.36275	.05335	.13310	.53999

#1	.18409	.21182	57.535	.59023	.43537	.96120	300.72
#2	.18500	.21153	57.782	.58840	.43499	.95951	303.22
#3	.18391	.21111	57.367	.58598	.43494	.95870	303.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2789	76.121	.86783	1.5415	16.101	.69500	1.1161
Stddev	.0417	.173	.00070	.0089	.040	.00130	.0024
%RSD	.57263	.22732	.08016	.57571	.24603	.18651	.21359

#1	7.2361	76.290	.86716	1.5314	16.057	.69616	1.1185
#2	7.2813	75.944	.86855	1.5447	16.112	.69523	1.1137
#3	7.3194	76.129	.86777	1.5483	16.134	.69360	1.1162

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.372	.34462	.22437	4.1001	F 17.151	.78834	5.5709
Stddev	.023	.00136	.00275	.0082	.072	.00279	.0473
%RSD	.10257	.39503	1.2258	.19905	.41999	.35423	.84838

#1	22.352	.34554	.22291	4.1060	17.068	.78594	5.5221
#2	22.397	.34306	.22264	4.0908	17.188	.78768	5.6165
#3	22.366	.34526	.22754	4.1035	17.197	.79141	5.5742

Sample Name: K3621-07A Acquired: 7/31/2019 14:56:02 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.43136	F 15.45	-.01427	<.00000	F<.00000
Stddev	.00252	.01	.00158	.24195	1.2535
%RSD	.58312	.0920	11.078	10.377	3.7922

#1	.42902	15.45	-.01477	-2.4218	-34.487
#2	.43402	15.44	-.01250	-2.0575	-32.533
#3	.43105	15.47	-.01554	-2.5155	-32.149

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3239.4	38781.	2707.0	33.688	2630.4
Stddev	9.1	90.	13.2	1.629	4.6
%RSD	.28119	.23205	.48870	4.8352	.17510

#1	3231.5	38885.	2704.8	32.181	2625.7
#2	3249.4	38722.	2695.1	35.416	2634.9
#3	3237.4	38737.	2721.2	33.466	2630.6

Sample Name: K4049-03DLX10 Acquired: 7/31/2019 15:00:32 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03147	-.00598	6.8015	.01317	.06763	12.421	.57784	.00077
Stddev	.00158	.00245	.0156	.00026	.00240	.120	.00360	.00009
%RSD	5.0275	40.892	.22992	1.9631	3.5456	.96667	.62369	11.746

#1	.02968	-.00646	6.7981	.01288	.06486	12.393	.57461	.00068
#2	.03267	-.00333	6.8186	.01328	.06893	12.318	.57719	.00076
#3	.03206	-.00816	6.7878	.01337	.06910	12.553	.58173	.00086

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01254	43.325	.06989	.01389	2.9054	57.101	.51224	4.9240
Stddev	.00010	.195	.00027	.00043	.0090	.053	.00147	.0450
%RSD	.81130	.44981	.37922	3.1041	.31028	.09246	.28756	.91300

#1	.01251	43.371	.06998	.01417	2.9125	57.159	.51109	4.8748
#2	.01265	43.112	.07011	.01339	2.9084	57.055	.51172	4.9344
#3	.01245	43.493	.06960	.01410	2.8952	57.091	.51390	4.9629

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03931	.28584	.96059	.04192	14.789	1.4711	.00136	.00529
Stddev	.00075	.00070	.01833	.00048	.050	.0479	.00024	.02052
%RSD	1.8990	.24361	1.9081	1.1563	.33719	3.2571	17.928	388.26

#1	.03956	.28659	.94306	.04241	14.812	1.4682	.00109	-.01002
#2	.03989	.28521	.95909	.04191	14.824	1.5204	.00154	.02861
#3	.03847	.28573	.97962	.04145	14.732	1.4247	.00146	-.00274

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2727	3.2504	2.2201	.32392	.01443	1.482	.18586	4.0049
Stddev	.0035	.0068	.0059	.00225	.00246	.004	.00082	.1318
%RSD	.27692	.20818	.26708	.69442	17.059	.2897	.44235	3.2913

#1	1.2749	3.2579	2.2156	.32369	.01693	1.477	.18550	4.0123
#2	1.2747	3.2447	2.2268	.32180	.01201	1.486	.18529	4.1329
#3	1.2687	3.2487	2.2179	.32628	.01436	1.482	.18680	3.8696

Sample Name: K4049-03DLX10 Acquired: 7/31/2019 15:00:32 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.3790
Stddev .9884
%RSD 41.549

#1 1.5321
#2 3.4651
#3 2.1396

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2736.8	33237.	2271.7	34.483	2861.4
Stddev	12.8	94.	9.8	.982	11.5
%RSD	.46774	.28164	.43026	2.8483	.40116

#1	2724.8	33150.	2260.7	35.100	2853.3
#2	2735.4	33336.	2279.4	33.350	2856.3
#3	2750.3	33225.	2275.1	34.998	2874.5

Sample Name: K4011-03DLX10 Acquired: 7/31/2019 15:04:50 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04439	-.01411	.01008	.00594	-.00205	22.716	.20973	.00098
Stddev	.00160	.00150	.00059	.00225	.00238	.260	.00125	.00006
%RSD	3.5954	10.652	5.8071	37.900	115.87	1.1432	.59370	6.3628

#1	.04276	-.01366	.01046	.00337	-.00267	22.418	.20853	.00105
#2	.04446	-.01579	.01037	.00755	.00057	22.834	.21101	.00092
#3	.04595	-.01289	.00941	.00690	-.00406	22.896	.20965	.00097

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00108	271.89	.02561	.01298	.06383	43.512	2.5450	66.689
Stddev	.00008	1.28	.00033	.00037	.00042	.099	.0040	.941
%RSD	7.6497	.46927	1.2932	2.8831	.65464	.22730	.15879	1.4118

#1	-.00104	270.86	.02596	.01274	.06425	43.625	2.5411	65.764
#2	-.00103	273.32	.02529	.01279	.06341	43.471	2.5492	67.646
#3	-.00118	271.49	.02559	.01341	.06382	43.441	2.5447	66.656

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01988	.21385	.56490	.03596	.21963	2.5095	.00020	.02020
Stddev	.00042	.00139	.00519	.00007	.00064	.0241	.00042	.01628
%RSD	2.0895	.65043	.91808	.20803	.29296	.96035	211.77	80.565

#1	.02032	.21484	.55898	.03602	.22008	2.5340	.00059	.00682
#2	.01983	.21226	.56708	.03598	.21993	2.5086	-.00024	.01546
#3	.01950	.21444	.56864	.03588	.21890	2.4858	.00024	.03832

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8168	2.5977	-.00021	.82847	.04598	1.284	.89514	4.7554
Stddev	.0269	.0077	.00167	.00429	.00385	.007	.00459	.2059
%RSD	.46208	.29496	814.79	.51757	8.3714	.5108	.51309	4.3297

#1	5.8457	2.6065	.00166	.82656	.04170	1.291	.89188	4.9905
#2	5.7925	2.5943	-.00071	.83338	.04915	1.284	.90039	4.6689
#3	5.8123	2.5924	-.00157	.82548	.04709	1.278	.89315	4.6069

Sample Name: K4011-03DLX10 Acquired: 7/31/2019 15:04:50 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.6768
Stddev .9657
%RSD 26.263

#1 3.7906
#2 4.5806
#3 2.6593

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2639.8	31600.	2223.4	32.020	2625.0
Stddev	.7	90.	17.1	.737	4.9
%RSD	.02478	.28484	.76800	2.3028	.18719

#1	2640.0	31559.	2208.5	32.714	2620.1
#2	2639.0	31537.	2219.6	31.245	2625.1
#3	2640.3	31703.	2242.0	32.099	2629.9

Sample Name: PB121846BL Acquired: 7/31/2019 15:09:11 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB121846BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	.00011	-.00037	-.00059	-.00085	-.00998	.00066
Stddev	.00099	.00115	.00153	.00452	.00104	.01565	.00076
%RSD	147.88	1046.8	416.76	767.70	122.66	156.77	114.29

#1	.00018	.00142	.00070	.00214	-.00051	-.00448	.00152
#2	-.00044	-.00071	-.00212	.00190	-.00002	.00217	.00037
#3	-.00176	-.00038	.00032	-.00581	-.00202	-.02764	.00009

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00011	-.00807	.00019	.00009	-.00029	.00079
Stddev	.00004	.00014	.01846	.00048	.00014	.00056	.00073
%RSD	73.260	121.33	228.84	248.21	161.17	195.13	92.289

#1	.00008	.00001	.01090	.00022	.00016	.00013	.00106
#2	.00001	-.00009	-.00914	.00066	.00019	-.00007	.00134
#3	.00007	-.00026	-.02597	-.00030	-.00008	-.00092	-.00004

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.05738	.00025	.00093	-.06214	.00066	-.00112
Stddev	.00004	.10935	.00024	.00058	.01131	.00006	.00017
%RSD	209.28	190.56	97.060	62.160	18.195	9.4667	14.737

#1	.00006	.18173	.00029	.00142	-.06915	.00069	-.00098
#2	-.00002	-.02378	.00046	.00106	-.04910	.00059	-.00109
#3	.00002	.01421	-.00001	.00030	-.06818	.00070	-.00130

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01446	-.00040	-.01551	.00368	-.00189	-.00174	-.00089
Stddev	.02942	.00046	.00371	.00289	.00503	.00140	.00149
%RSD	203.39	114.45	23.911	78.404	266.95	80.187	167.98

#1	-.04073	-.00013	-.01746	.00228	-.00099	-.00175	.00002
#2	-.01999	-.00092	-.01783	.00177	.00264	-.00314	-.00261
#3	.01732	-.00014	-.01123	.00701	-.00731	-.00034	-.00007

Sample Name: PB121846BL Acquired: 7/31/2019 15:09:11 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB121846BL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00249	-.0018	.00023	F 3.3385	F 5.2699
Stddev	.00152	.0025	.00005	.3145	1.4157
%RSD	60.857	136.2	23.805	9.4196	26.863

#1	-.00422	-.0046	.00017	3.6211	6.0167
#2	-.00190	-.0010	.00027	3.3948	6.1558
#3	-.00136	.0001	.00025	2.9997	3.6372

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2735.9	33255.	2231.2	35.231	2959.0
Stddev	1.8	202.	15.7	.660	1.6
%RSD	.06526	.60748	.70162	1.8742	.05303

#1	2733.8	33150.	2219.2	35.141	2959.9
#2	2737.0	33128.	2248.9	34.620	2960.0
#3	2736.7	33488.	2225.4	35.932	2957.2

Sample Name: PB121860BL Acquired: 7/31/2019 15:13:38 Type: Unk
Method: P4-ICP2(v3306) 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	-.00157	-.00252	-.00021	-.00159	-.00038	-.02553	.00106
Stddev	.00479	.00201	.00088	.00380	.00223	.02570	.00120
%RSD	306.12	79.725	426.51	238.44	588.06	100.63	113.33

#1	-.00541	-.00470	-.00026	.00123	.00049	-.02738	-.00009
#2	-.00308	-.00075	-.00106	-.00592	.00128	.00103	.00229
#3	.00380	-.00210	.00070	-.00009	-.00291	-.05026	.00097

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00003	-.03499	-.00011	.00037	-.00046	.00019
Stddev	.00007	.00012	.03026	.00047	.00034	.00010	.00032
%RSD	837.00	409.34	86.482	410.19	91.637	22.287	165.09

#1	.00005	.00010	-.05149	-.00027	.00075	-.00048	.00030
#2	-.00008	-.00007	-.00007	-.00049	.00028	-.00054	-.00016
#3	.00005	-.00012	-.05343	.00041	.00008	-.00035	.00044

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.06279	.00017	.00113	-.07386	-.00017	-.00162
Stddev	.00008	.05641	.00019	.00035	.02352	.00061	.00010
%RSD	81.260	89.835	111.15	30.785	31.847	362.20	6.3285

#1	-.00003	.08046	.00037	.00105	-.06823	-.00086	-.00153
#2	-.00008	-.00033	.00013	.00150	-.09968	.00030	-.00173
#3	-.00018	.10826	.00001	.00082	-.05365	.00006	-.00159

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00208	-.00023	-.02897	.00050	.00129	-.00232	-.00288
Stddev	.04283	.00041	.01245	.00506	.00524	.00108	.00176
%RSD	2058.3	177.77	42.979	1007.8	407.39	46.553	61.192

#1	.04669	-.00047	-.04241	-.00192	-.00267	-.00222	-.00258
#2	-.01938	.00025	-.02666	-.00289	.00722	-.00130	-.00478
#3	-.03355	-.00047	-.01783	.00632	-.00069	-.00345	-.00129

Sample Name: PB121860BL Acquired: 7/31/2019 15:13:38 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00482	-.0040	.00011	F 3.5843	F 4.1512
Stddev	.00203	.0008	.00024	.0785	1.3906
%RSD	42.123	20.10	208.52	2.1889	33.498

#1	-.00644	-.0037	-.00014	3.5063	5.6165
#2	-.00254	-.0048	.00033	3.6632	2.8500
#3	-.00548	-.0033	.00015	3.5835	3.9870

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2734.1	33002.	2222.0	33.615	2959.9
Stddev	6.9	18.	35.6	1.160	7.0
%RSD	.25316	.05430	1.6035	3.4499	.23559

#1	2732.4	32983.	2184.9	32.802	2962.3
#2	2741.7	33004.	2225.2	33.100	2965.4
#3	2728.2	33018.	2256.0	34.943	2952.1

Sample Name: PB121857BL Acquired: 7/31/2019 15:18:06 Type: Unk
Method: P4-ICP2(v3306) 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	-.00049	-.00041	-.00130	.00073	-.00132	-.01385	.00155
Stddev	.00670	.00137	.00230	.00166	.00283	.01187	.00034
%RSD	1364.6	337.02	176.52	226.78	214.51	85.721	22.089

#1	.00318	.00017	.00115	.00201	-.00163	-.00022	.00171
#2	-.00823	-.00197	-.00342	.00133	-.00399	-.02191	.00180
#3	.00357	.00058	-.00164	-.00114	.00165	-.01941	.00116

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00012	-.00830	.00012	.00013	-.00046	.00157
Stddev	.00009	.00002	.03409	.00071	.00013	.00020	.00072
%RSD	191.03	16.012	410.51	604.81	102.45	42.746	45.696

#1	.00003	-.00011	.02338	-.00005	.00028	-.00056	.00237
#2	-.00002	-.00012	-.00392	.00089	.00008	-.00059	.00134
#3	-.00014	-.00015	-.04438	-.00049	.00003	-.00023	.00099

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00422	.00034	.00111	-.07980	.00003	-.00172
Stddev	.00002	.02498	.00017	.00090	.00731	.00014	.00009
%RSD	25.680	591.53	50.611	81.255	9.1603	443.12	5.3255

#1	-.00006	-.02116	.00021	.00176	-.08569	.00018	-.00172
#2	-.00009	-.01598	.00027	.00148	-.08210	.00001	-.00164
#3	-.00010	.02446	.00053	.00008	-.07162	-.00009	-.00182

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02273	-.00019	-.00918	-.00001	-.00030	-.00115	.00195
Stddev	.04363	.00023	.02864	.00149	.00353	.00054	.00141
%RSD	191.95	119.94	312.14	12452.	1190.5	47.252	72.536

#1	-.00722	-.00039	.02363	-.00172	.00176	-.00107	.00308
#2	-.07200	.00006	-.02921	.00068	-.00437	-.00065	.00239
#3	.01102	-.00025	-.02194	.00101	.00172	-.00172	.00037

Sample Name: PB121857BL Acquired: 7/31/2019 15:18:06 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00372	-.0040	.00003	F 3.8449	F 4.1157
Stddev	.00140	.0007	.00023	.2248	.8672
%RSD	37.760	17.97	722.76	5.8479	21.070

#1	-.00256	-.0043	-.00023	3.6226	3.2645
#2	-.00331	-.0046	.00012	4.0722	4.9980
#3	-.00528	-.0032	.00021	3.8399	4.0848

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2721.3	33016.	2224.5	35.239	2949.5
Stddev	14.5	56.	4.8	.407	18.9
%RSD	.53273	.17022	.21711	1.1558	.63931

#1	2706.4	32952.	2220.9	35.361	2927.8
#2	2722.3	33056.	2222.6	35.570	2958.8
#3	2735.3	33040.	2229.9	34.784	2961.9

Sample Name: PB121860TB Acquired: 7/31/2019 15:22:33 Type: Unk
Method: P4-ICP2(v3306) 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	-.00216	-.00345	-.00098	-.00312	.00024	-.02010	.00055
Stddev	.00148	.00224	.00088	.00290	.00245	.01755	.00074
%RSD	68.634	64.862	89.575	92.962	1001.2	87.272	132.78

#1	-.00053	-.00176	-.00072	-.00566	-.00058	-.00042	.00132
#2	-.00252	-.00599	-.00197	-.00373	.00300	-.02578	.00050
#3	-.00342	-.00260	-.00026	.00004	-.00169	-.03411	-.00015

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00016	.01953	.00065	-.00021	.00057	.00241
Stddev	.00009	.00005	.01854	.00015	.00023	.00028	.00130
%RSD	308.59	30.266	94.946	22.765	106.79	49.522	53.755

#1	.00002	-.00014	.03988	.00052	-.00017	.00037	.00094
#2	-.00013	-.00022	.00360	.00061	-.00046	.00089	.00338
#3	.00003	-.00013	.01511	.00081	-.00001	.00045	.00292

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.02028	.00072	.00309	F 347.19	.00004	.00224
Stddev	.00003	.02532	.00030	.00022	1.64	.00059	.00004
%RSD	46.622	124.88	41.784	7.2256	.47182	1511.9	1.9814

#1	-.00003	-.00754	.00056	.00285	345.74	.00052	.00228
#2	-.00006	-.04945	.00107	.00315	346.85	-.00062	.00225
#3	-.00008	-.00386	.00053	.00328	348.97	.00022	.00220

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05425	.00015	-.02274	F .01301	.00385	-.00071	.00042
Stddev	.09574	.00033	.01641	.00179	.00118	.00041	.00372
%RSD	176.48	216.22	72.150	13.775	30.696	57.815	880.62

#1	-.16091	.00009	-.01377	.01219	.00427	-.00118	-.00387
#2	-.02609	.00050	-.01278	.01506	.00251	-.00043	.00253
#3	.02425	-.00014	-.04168	.01177	.00476	-.00053	.00261

Sample Name: PB121860TB Acquired: 7/31/2019 15:22:33 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00219	-.0029	.00014	5.5077	11.426
Stddev	.00182	.0017	.00006	.1641	1.287
%RSD	83.361	59.77	42.422	2.9804	11.266

#1	-.00090	-.0012	.00011	5.6861	12.912
#2	-.00428	-.0047	.00021	5.3630	10.677
#3	-.00140	-.0029	.00010	5.4739	10.688

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2589.5	30843.	2212.8	34.404	2660.3
Stddev	6.8	109.	22.0	1.455	5.9
%RSD	.26140	.35255	.99299	4.2288	.22038

#1	2582.7	30733.	2190.4	35.311	2658.9
#2	2596.2	30951.	2213.5	32.726	2666.7
#3	2589.7	30845.	2234.4	35.175	2655.2

Sample Name: K3618-09 Acquired: 7/31/2019 15:27:01 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02536	-.11265	.15723	.01928	.00173	127.79	.58499
Stddev	.00203	.00088	.00088	.00086	.00192	.93	.00506
%RSD	8.0134	.78432	.55743	4.4706	110.88	.72485	.86477

#1	.02554	-.11169	.15632	.01924	.00040	126.79	.57978
#2	.02324	-.11285	.15731	.02016	.00086	127.94	.58530
#3	.02730	-.11343	.15807	.01844	.00393	128.62	.58988

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01687	.02469	30.433	.06119	.16318	.30661	201.87
Stddev	.00014	.00015	.108	.00092	.00031	.00158	.54
%RSD	.85483	.61076	.35584	1.5099	.18897	.51396	.26822

#1	.01675	.02486	30.545	.06211	.16322	.30565	201.67
#2	.01684	.02456	30.426	.06119	.16346	.30576	201.45
#3	.01703	.02466	30.328	.06026	.16285	.30843	202.48

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4669	33.355	.12244	.98278	7.8041	.26054	1.0271
Stddev	.0027	.356	.00055	.00246	.0218	.00020	.0043
%RSD	.10863	1.0679	.44868	.25057	.27917	.07692	.41452

#1	2.4639	32.950	.12226	.98222	7.7831	.26060	1.0312
#2	2.4679	33.497	.12201	.98064	7.8025	.26071	1.0273
#3	2.4690	33.619	.12306	.98547	7.8266	.26032	1.0227

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9637	.00711	-.01976	3.3352	F 11.419	.03460	4.3319
Stddev	.0722	.00036	.02094	.0147	.024	.00059	.0022
%RSD	1.2105	5.0241	105.95	.43924	.20759	1.6971	.05019

#1	5.8807	.00683	-.00243	3.3519	11.419	.03526	4.3328
#2	6.0116	.00699	-.01384	3.3246	11.395	.03414	4.3334
#3	5.9988	.00751	-.04303	3.3291	11.442	.03441	4.3294

Sample Name: K3618-09 Acquired: 7/31/2019 15:27:01 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05585	F 10.05	-.15744	<.00000	F<.00000
Stddev	.00187	.02	.00050	.26875	2.1276
%RSD	3.3444	.2162	.31834	1.0421	4.2677

#1	.05372	10.08	-.15731	-26.064	-47.784
#2	.05664	10.04	-.15702	-25.527	-49.743
#3	.05720	10.05	-.15799	-25.774	-52.035

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5860.9	71165.	5042.2	33.888	2601.6
Stddev	12.4	124.	37.0	.628	8.9
%RSD	.21237	.17416	.73403	1.8537	.34210

#1	5861.9	71294.	5000.8	33.744	2593.3
#2	5872.9	71154.	5053.8	33.344	2600.5
#3	5848.0	71047.	5072.0	34.576	2611.0

Sample Name: K3618-09DUP Acquired: 7/31/2019 15:31:29 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02741	-.11156	.15366	.02538	.00135	126.53	.57838
Stddev	.00465	.00150	.00128	.00195	.00059	.45	.00209
%RSD	16.970	1.3460	.83132	7.6851	43.549	.35537	.36072

#1	.03249	-.10997	.15486	.02503	.00168	126.86	.58062
#2	.02336	-.11176	.15232	.02748	.00067	126.02	.57804
#3	.02638	-.11295	.15382	.02363	.00170	126.71	.57649

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01651	.02415	31.607	.06207	.16177	.30706	201.43
Stddev	.00006	.00034	.079	.00004	.00041	.00110	.65
%RSD	.38229	1.4175	.24899	.05995	.25080	.35938	.32169

#1	.01658	.02443	31.685	.06210	.16191	.30742	201.85
#2	.01647	.02377	31.527	.06203	.16132	.30583	200.68
#3	.01647	.02427	31.608	.06208	.16210	.30794	201.74

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4825	33.735	.12229	.97994	7.7250	.26099	1.0154
Stddev	.0101	.209	.00040	.00283	.0194	.00089	.0032
%RSD	.40904	.61828	.33109	.28885	.25166	.34189	.31197

#1	2.4838	33.494	.12184	.98198	7.7036	.26127	1.0132
#2	2.4718	33.869	.12240	.97671	7.7296	.26171	1.0191
#3	2.4920	33.840	.12263	.98113	7.7417	.25999	1.0140

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9297	.00708	-.01214	3.3595	F 11.425	.03197	4.3267
Stddev	.0491	.00027	.00432	.0222	.027	.00149	.0184
%RSD	.82798	3.8568	35.586	.65980	.23972	4.6520	.42564

#1	5.9643	.00700	-.00735	3.3614	11.431	.03191	4.3063
#2	5.9512	.00686	-.01574	3.3364	11.395	.03348	4.3422
#3	5.8735	.00738	-.01333	3.3806	11.449	.03051	4.3315

Sample Name: K3618-09DUP Acquired: 7/31/2019 15:31:29 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05692	9.976	-.15644	<.00000	F<.00000
Stddev	.00038	.014	.00109	.25949	2.9798
%RSD	.66138	.1443	.69582	.98498	6.0742

#1	.05664	9.973	-.15736	-26.116	-45.870
#2	.05677	9.963	-.15524	-26.291	-51.774
#3	.05735	9.992	-.15673	-26.626	-49.527

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5846.5	70564.	4955.8	32.697	2622.0
Stddev	13.2	225.	9.8	1.154	3.0
%RSD	.22516	.31893	.19777	3.5292	.11397

#1	5832.1	70334.	4945.7	34.023	2622.4
#2	5857.9	70784.	4965.3	32.145	2618.8
#3	5849.4	70575.	4956.5	31.922	2624.7

Sample Name: K3618-09LX5 Acquired: 7/31/2019 15:35:56 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01058	-.02070	.02108	.01593	.00006	44.581	.20437	.00511
Stddev	.00169	.00110	.00061	.00154	.00079	.207	.00142	.00020
%RSD	15.973	5.3346	2.9100	9.6700	1350.4	.46540	.69495	3.8968

#1	.00867	-.02189	.02159	.01426	.00069	44.466	.20465	.00503
#2	.01120	-.01970	.02125	.01621	.00032	44.820	.20563	.00533
#3	.01188	-.02050	.02040	.01730	-.00083	44.456	.20283	.00495

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00084	11.414	.02231	.03077	.11118	84.107	.91682	11.994
Stddev	.00007	.088	.00029	.00023	.00086	.738	.00153	.129
%RSD	8.2199	.76916	1.3043	.73339	.77247	.87713	.16723	1.0785

#1	-.00078	11.314	.02256	.03080	.11126	83.316	.91557	12.114
#2	-.00092	11.477	.02237	.03098	.11028	84.777	.91853	12.012
#3	-.00083	11.451	.02199	.03053	.11199	84.229	.91636	11.857

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02208	.41215	2.6681	.09417	.18345	1.9664	.00177	-.00533
Stddev	.00077	.00368	.0100	.00053	.00007	.0340	.00010	.02245
%RSD	3.5014	.89381	.37568	.56571	.04033	1.7263	5.8768	420.97

#1	.02275	.40837	2.6768	.09398	.18347	2.0056	.00166	.00619
#2	.02226	.41573	2.6703	.09376	.18352	1.9458	.00180	-.03121
#3	.02123	.41234	2.6571	.09477	.18337	1.9479	.00186	.00902

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65682	4.7136	.00458	1.5492	.01871	1.933	-.06927	<.00000
Stddev	.00584	.0368	.00080	.0053	.00034	.001	.00093	.24617
%RSD	.88963	.78063	17.413	.34375	1.8146	.0705	1.3374	11.106

#1	.65181	4.6739	.00429	1.5443	.01832	1.932	-.06833	-1.9512
#2	.66324	4.7466	.00397	1.5486	.01895	1.935	-.07018	-2.2609
#3	.65540	4.7204	.00549	1.5548	.01886	1.932	-.06932	-2.4374

Sample Name: K3618-09LX5 Acquired: 7/31/2019 15:35:56 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .24180
Stddev .39151
%RSD 161.91

#1 .12510
#2 -.07809
#3 .67839

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3345.7	40624.	2785.3	35.333	2813.9
Stddev	28.0	109.	19.5	.706	3.8
%RSD	.83647	.26872	.69840	1.9967	.13476

#1	3324.0	40566.	2798.9	35.850	2809.8
#2	3377.3	40556.	2794.0	34.530	2817.3
#3	3335.8	40750.	2763.0	35.620	2814.5

Sample Name: CCV03 Acquired: 7/31/2019 15:40:25 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15311 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0959	5.0866	5.0671	5.1546	5.0894	10.090	10.340
Stddev	.0067	.0110	.0119	.0202	.0122	.151	.080
%RSD	.13113	.21594	.23425	.39255	.23933	1.4989	.77656

#1	5.0910	5.0862	5.0534	5.1467	5.0824	9.9300	10.248
#2	5.0931	5.0759	5.0744	5.1395	5.0823	10.231	10.379
#3	5.1035	5.0979	5.0736	5.1776	5.1034	10.110	10.394

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26020	2.5169	25.609	1.0209	2.5387	1.2780	5.1831
Stddev	.00088	.0043	.224	.0011	.0029	.0043	.0015
%RSD	.33671	.17269	.87420	.11127	.11347	.33305	.02893

#1	.25976	2.5122	25.383	1.0215	2.5356	1.2738	5.1848
#2	.26121	2.5178	25.831	1.0216	2.5413	1.2779	5.1825
#3	.25964	2.5208	25.615	1.0196	2.5391	1.2823	5.1819

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5162	25.854	2.5182	1.2858	25.574	2.5589	2.5423
Stddev	.0077	.484	.0061	.0015	.189	.0010	.0060
%RSD	.30786	1.8735	.24063	.11817	.74026	.03750	.23692

#1	2.5125	25.361	2.5113	1.2855	25.355	2.5596	2.5371
#2	2.5251	26.330	2.5224	1.2874	25.680	2.5578	2.5489
#3	2.5109	25.871	2.5210	1.2844	25.685	2.5593	2.5408

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.999	5.0521	4.9767	5.1391	4.9400	5.0568	5.1168
Stddev	.266	.0133	.0523	.0212	.0283	.0087	.0353
%RSD	1.0649	.26232	1.0504	.41296	.57227	.17209	.69089

#1	24.711	5.0409	4.9207	5.1189	4.9637	5.0586	5.0762
#2	25.237	5.0487	5.0243	5.1372	4.9087	5.0644	5.1406
#3	25.048	5.0668	4.9852	5.1612	4.9475	5.0473	5.1337

Sample Name: CCV03 Acquired: 7/31/2019 15:40:25 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15311 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9303	5.257	5.1461	4.9696	F 4.0086
Stddev	.0147	.004	.0207	.0645	.8763
%RSD	.29782	.0836	.40171	1.2985	21.860

#1	4.9258	5.263	5.1321	4.9734	5.0041
#2	4.9183	5.255	5.1364	4.9032	3.3538
#3	4.9467	5.255	5.1699	5.0321	3.6680

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2671.9	31889.	2217.2	34.533	2734.0
Stddev	3.8	91.	10.3	.988	3.1
%RSD	.14280	.28462	.46351	2.8605	.11338

#1	2675.9	31947.	2205.8	33.522	2735.8
#2	2671.4	31784.	2225.7	34.581	2730.4
#3	2668.3	31934.	2220.1	35.496	2735.8

Sample Name: CCB03 Acquired: 7/31/2019 15:44:24 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB15311 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	-.00120	-.00098	.00252	-.00164	-.02581	.00097
Stddev	.00253	.00175	.00035	.00472	.00146	.01077	.00061
%RSD	337.16	145.65	36.317	187.19	89.155	41.719	62.916

#1	-.00213	.00078	-.00128	.00341	-.00272	-.01725	.00027
#2	.00174	-.00254	-.00059	.00673	.00002	-.03789	.00133
#3	.00264	-.00185	-.00106	-.00258	-.00221	-.02228	.00132

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00001	-.01673	.00027	-.00003	-.00054	.00169
Stddev	.00005	.00002	.02755	.00019	.00038	.00069	.00067
%RSD	83.070	224.74	164.70	70.958	1316.6	128.16	39.865

#1	.00007	-.00001	-.00162	.00048	.00020	-.00092	.00145
#2	.00001	.00000	-.00003	.00014	.00018	-.00095	.00245
#3	.00012	.00003	-.04852	.00017	-.00047	.00026	.00117

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.02992	.00054	.00083	-.06079	.00038	-.00189
Stddev	.00007	.05912	.00048	.00015	.01082	.00050	.00003
%RSD	53.458	197.59	89.383	18.258	17.798	132.00	1.5809

#1	-.00015	.03229	.00033	.00069	-.06182	-.00002	-.00187
#2	-.00020	-.08537	.00020	.00099	-.07106	.00022	-.00192
#3	-.00006	-.03668	.00109	.00080	-.04949	.00095	-.00187

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00827	.00040	-.04134	.00070	.00476	-.00175	.00290
Stddev	.04724	.00047	.00941	.00264	.00045	.00080	.00500
%RSD	571.12	117.45	22.754	377.99	9.5316	45.958	172.42

#1	.04186	.00047	-.05107	-.00042	.00445	-.00084	-.00116
#2	-.05196	-.00010	-.03229	.00371	.00454	-.00236	.00849
#3	-.01472	.00082	-.04065	-.00120	.00528	-.00206	.00137

Sample Name: CCB03 Acquired: 7/31/2019 15:44:24 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB15311 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00158	-.0045	.00030	F 3.4803	F 4.2456
Stddev	.00263	.0018	.00009	.2771	1.4010
%RSD	166.76	40.19	29.209	7.9621	32.998

#1	-.00192	-.0056	.00030	3.5107	3.8272
#2	.00121	-.0054	.00038	3.7409	5.8082
#3	-.00402	-.0024	.00021	3.1892	3.1016

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2750.8	33351.	2254.8	34.616	2981.1
Stddev	8.7	53.	25.6	1.208	9.2
%RSD	.31541	.15876	1.1374	3.4903	.30953

#1	2744.4	33290.	2230.8	35.950	2971.7
#2	2747.2	33379.	2281.9	33.595	2981.4
#3	2760.6	33384.	2251.8	34.302	2990.1

Sample Name: K3618-09MS Acquired: 7/31/2019 15:48:53 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38987	1.9729	1.2259	.92976	.08019	135.18	.67298
Stddev	.00555	.0023	.0036	.00470	.00189	.91	.00178
%RSD	1.4241	.11793	.29240	.50599	2.3574	.67202	.26388

#1	.38414	1.9750	1.2265	.92462	.07837	136.04	.67383
#2	.39024	1.9732	1.2292	.93385	.08214	134.23	.67094
#3	.39522	1.9704	1.2221	.93081	.08007	135.26	.67417

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11375	.23210	28.197	.24691	.37531	.44693	201.40
Stddev	.00009	.00032	1.033	.00136	.00084	.00190	.21
%RSD	.07852	.13678	3.6620	.54989	.22291	.42582	.10422

#1	.11384	.23183	29.389	.24563	.37616	.44483	201.64
#2	.11366	.23245	27.588	.24833	.37449	.44741	201.30
#3	.11374	.23202	27.613	.24676	.37529	.44854	201.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7054	32.890	.65604	1.0154	8.9256	.39036	1.2299
Stddev	.0050	.211	.00181	.0012	.0362	.00137	.0056
%RSD	.18499	.64118	.27619	.11319	.40551	.35219	.45425

#1	2.7058	32.973	.65629	1.0167	8.9660	.38899	1.2351
#2	2.7101	32.650	.65772	1.0147	8.8961	.39174	1.2305
#3	2.7001	33.046	.65412	1.0147	8.9146	.39036	1.2240

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.844	.17232	.09657	3.1346	F 11.838	.72229	4.4996
Stddev	.043	.00069	.00657	.0054	.068	.00346	.1643
%RSD	.39964	.40154	6.8001	.17284	.57552	.47876	3.6522

#1	10.893	.17197	.09847	3.1283	11.913	.71890	4.6862
#2	10.814	.17312	.10197	3.1376	11.780	.72214	4.3765
#3	10.824	.17187	.08926	3.1378	11.820	.72582	4.4360

Sample Name: K3618-09MS Acquired: 7/31/2019 15:48:53 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16576	F 17.16	-.05772	<.00000	F<.00000
Stddev	.00720	.03	.00574	.17678	1.1534
%RSD	4.3407	.1687	9.9436	.70372	2.3094

#1	.17403	17.16	-.05114	-25.323	-49.634
#2	.16089	17.19	-.06168	-24.993	-51.220
#3	.16237	17.13	-.06034	-25.048	-48.976

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5736.0	69784.	4829.5	33.098	2611.3
Stddev	6.8	147.	167.5	2.498	9.9
%RSD	.11815	.21117	3.4690	7.5466	.37999

#1	5743.9	69812.	4636.5	30.335	2602.1
#2	5731.9	69625.	4914.6	35.197	2609.9
#3	5732.4	69916.	4937.5	33.762	2621.8

Sample Name: K3618-09MSD Acquired: 7/31/2019 15:53:15 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38562	1.9627	1.2246	.92989	.08085	135.44	.67146
Stddev	.00062	.0019	.0009	.00126	.00170	.29	.00263
%RSD	.15968	.09692	.07358	.13541	2.1061	.21718	.39197

#1	.38633	1.9649	1.2236	.93008	.08249	135.12	.66872
#2	.38533	1.9612	1.2247	.92854	.08096	135.50	.67170
#3	.38520	1.9622	1.2254	.93104	.07909	135.70	.67396

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11382	.23239	26.794	.24698	.37436	.44558	200.50
Stddev	.00027	.00062	.113	.00023	.00070	.00084	.30
%RSD	.23373	.26829	.42260	.09299	.18733	.18822	.15024

#1	.11356	.23261	26.872	.24723	.37359	.44497	200.79
#2	.11409	.23287	26.664	.24693	.37495	.44654	200.53
#3	.11383	.23169	26.846	.24678	.37455	.44524	200.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6562	32.300	.65678	1.0116	8.9211	.39168	1.2285
Stddev	.0037	.194	.00114	.0008	.0277	.00097	.0022
%RSD	.14062	.60008	.17297	.08376	.31064	.24812	.18129

#1	2.6535	32.106	.65548	1.0123	8.8910	.39079	1.2281
#2	2.6605	32.494	.65760	1.0119	8.9455	.39272	1.2265
#3	2.6547	32.300	.65724	1.0107	8.9266	.39153	1.2309

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.839	.17289	.08918	3.0260	F 11.760	.71970	4.4741
Stddev	.079	.00088	.00334	.0079	.039	.00360	.0090
%RSD	.72612	.50809	3.7406	.26084	.33035	.50048	.20133

#1	10.783	.17352	.08924	3.0246	11.804	.72345	4.4715
#2	10.929	.17326	.08582	3.0345	11.745	.71937	4.4841
#3	10.804	.17189	.09249	3.0188	11.732	.71627	4.4666

Sample Name: K3618-09MSD Acquired: 7/31/2019 15:53:15 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16188	F 16.84	-.05946	<.00000	F<.00000
Stddev	.00102	.02	.00030	.23065	1.0527
%RSD	.62954	.1229	.50567	.92867	2.2333
#1	.16205	16.81	-.05979	-24.829	-48.071
#2	.16280	16.85	-.05938	-25.071	-47.349
#3	.16079	16.85	-.05921	-24.609	-45.997
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5726.8	69517.	4897.6	33.486	2611.7
Stddev	18.0	73.	28.5	1.268	4.6
%RSD	.31388	.10430	.58178	3.7853	.17422
#1	5708.4	69486.	4865.9	32.470	2606.7
#2	5727.6	69465.	4921.1	33.082	2615.5
#3	5744.3	69600.	4905.9	34.906	2613.0

Sample Name: K3618-09A Acquired: 7/31/2019 15:57:38 Type: Unk
Method: P4-ICP2(v3306) 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	.38620	1.9642	1.2258	.92821	.08049	133.78	.66547
Stddev	.00136	.0117	.0040	.00191	.00087	.84	.00228
%RSD	.35115	.59715	.32328	.20587	1.0849	.62776	.34228

#1	.38760	1.9672	1.2220	.92749	.08000	134.48	.66648
#2	.38610	1.9513	1.2255	.93038	.07996	132.85	.66286
#3	.38489	1.9742	1.2299	.92677	.08149	134.02	.66707

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11373	.23255	27.521	.24669	.37403	.44619	200.43
Stddev	.00038	.00088	.128	.00066	.00109	.00059	1.24
%RSD	.33812	.38052	.46374	.26709	.29035	.13131	.61659

#1	.11329	.23203	27.635	.24601	.37331	.44594	201.77
#2	.11393	.23205	27.383	.24732	.37350	.44685	200.17
#3	.11398	.23357	27.546	.24675	.37528	.44576	199.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6826	32.209	.65375	1.0107	8.8013	.38811	1.2264
Stddev	.0121	.080	.00075	.0060	.0119	.00025	.0024
%RSD	.45202	.24704	.11518	.59492	.13542	.06570	.19319

#1	2.6964	32.214	.65293	1.0172	8.8148	.38781	1.2261
#2	2.6736	32.285	.65390	1.0094	8.7967	.38827	1.2242
#3	2.6778	32.127	.65441	1.0054	8.7923	.38823	1.2289

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.696	.17277	.09780	3.0722	F 11.782	.71587	4.4604
Stddev	.023	.00030	.01592	.0173	.074	.00333	.0177
%RSD	.21466	.17341	16.279	.56395	.63027	.46543	.39628

#1	10.717	.17278	.08562	3.0592	11.867	.71837	4.4763
#2	10.671	.17247	.09197	3.0655	11.749	.71209	4.4636
#3	10.700	.17307	.11582	3.0918	11.729	.71717	4.4414

Sample Name: K3618-09A Acquired: 7/31/2019 15:57:38 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16350	F 16.95	-.05879	<.00000	F<.00000
Stddev	.00115	.03	.00094	.25793	.48312
%RSD	.70554	.1549	1.5998	1.0251	1.0330

#1	.16380	16.92	-.05983	-25.449	-46.219
#2	.16448	16.95	-.05854	-24.951	-46.969
#3	.16223	16.97	-.05799	-25.083	-47.122

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5723.5	69893.	4833.4	33.392	2616.5
Stddev	25.3	479.	40.6	.479	3.1
%RSD	.44187	.68482	.83935	1.4353	.12024

#1	5706.1	69350.	4787.0	33.619	2613.9
#2	5711.8	70079.	4851.4	33.716	2615.7
#3	5752.5	70252.	4861.9	32.842	2620.0

Sample Name: K4066-01 Acquired: 7/31/2019 16:01:59 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-1-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02601	-.03090	.74326	.03026	.00767	169.17	1.3523
Stddev	.00043	.00138	.00332	.00541	.00193	.55	.0081
%RSD	1.6466	4.4656	.44683	17.867	25.145	.32787	.60089

#1	.02646	-.03171	.74031	.02427	.00904	169.81	1.3555
#2	.02561	-.02931	.74685	.03175	.00546	168.87	1.3583
#3	.02597	-.03169	.74261	.03478	.00851	168.82	1.3430

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00996	.00258	30.919	.20891	.15819	.66860	247.99
Stddev	.00026	.00020	.112	.00179	.00032	.00058	.73
%RSD	2.5908	7.7121	.36072	.85555	.20238	.08717	.29507

#1	.00997	.00251	30.882	.21082	.15787	.66871	248.79
#2	.01022	.00280	31.045	.20862	.15851	.66912	247.84
#3	.00970	.00242	30.831	.20728	.15821	.66797	247.35

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1597	70.049	.30199	1.2171	8.2807	.30154	1.2393
Stddev	.0412	.521	.00115	.0030	.0266	.00110	.0003
%RSD	.50486	.74400	.37947	.24882	.32132	.36580	.02276

#1	8.2072	70.628	.30118	1.2205	8.3114	.30280	1.2391
#2	8.1348	69.902	.30330	1.2161	8.2653	.30104	1.2391
#3	8.1369	69.617	.30149	1.2147	8.2653	.30076	1.2396

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.424	.00045	.00619	.97963	F 15.878	.03167	2.1095
Stddev	.081	.00042	.01261	.01376	.031	.00227	.0117
%RSD	.39448	93.347	203.64	1.4046	.19359	7.1623	.55240

#1	20.517	.00094	-.00780	.98981	15.913	.03216	2.1119
#2	20.380	.00021	.00970	.98511	15.855	.02919	2.0969
#3	20.375	.00020	.01668	.96398	15.867	.03365	2.1198

Sample Name: K4066-01 Acquired: 7/31/2019 16:01:59 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-1-A Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.33525	7.927	-.00427	<.00000	F<.00000
Stddev	.00146	.025	.00065	.21602	.19539
%RSD	.43554	.3141	15.325	18.721	1.3716

#1	.33591	7.955	-.00502	-1.4032	-14.460
#2	.33358	7.909	-.00391	-1.0354	-14.078
#3	.33627	7.916	-.00388	-1.0231	-14.197

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3117.5	37775.	2648.3	33.867	2690.4
Stddev	4.9	160.	6.9	.882	6.8
%RSD	.15772	.42300	.26024	2.6033	.25384

#1	3111.9	37620.	2646.5	33.785	2682.5
#2	3121.4	37767.	2642.6	34.787	2695.1
#3	3119.1	37939.	2656.0	33.029	2693.4

Sample Name: K4066-07 Acquired: 7/31/2019 16:06:35 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03418	-.02845	.57267	.02595	.00587	103.00	.92914
Stddev	.00434	.00155	.00206	.00653	.00542	.82	.01031
%RSD	12.706	5.4304	.35945	25.162	92.416	.79898	1.1098

#1	.03590	-.02929	.57063	.02832	.00755	102.33	.91896
#2	.02924	-.02667	.57475	.01856	.01024	102.74	.92889
#3	.03740	-.02940	.57262	.03096	-.00020	103.92	.93957

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00601	-.00062	159.56	.16481	.11290	1.0919	185.39
Stddev	.00021	.00014	.58	.00124	.00051	.0025	.10
%RSD	3.4129	22.497	.36327	.75053	.44926	.22980	.05145

#1	.00614	-.00055	159.73	.16564	.11237	1.0931	185.46
#2	.00612	-.00052	158.92	.16541	.11295	1.0937	185.43
#3	.00578	-.00078	160.04	.16339	.11338	1.0891	185.29

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0499	53.828	.17881	.91168	18.997	.24283	.70561
Stddev	.0140	.620	.00068	.00011	.252	.00164	.00318
%RSD	.27754	1.1509	.38031	.01215	1.3243	.67350	.45029

#1	5.0340	53.391	.17850	.91180	18.784	.24422	.70926
#2	5.0601	53.555	.17835	.91166	18.933	.24103	.70350
#3	5.0557	54.537	.17959	.91158	19.275	.24324	.70406

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.002	.00109	.04314	3.7937	F 12.463	.09864	2.3177
Stddev	.098	.00022	.03145	.0069	.041	.00203	.0108
%RSD	.65160	19.825	72.904	.18070	.33245	2.0575	.46535

#1	14.932	.00087	.07220	3.7997	12.504	.09755	2.3128
#2	14.960	.00111	.00975	3.7950	12.465	.09738	2.3102
#3	15.113	.00130	.04748	3.7862	12.421	.10098	2.3300

Sample Name: K4066-07 Acquired: 7/31/2019 16:06:35 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-11 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19205	4.840	.52788	1.5248	F<.00000
Stddev	.00419	.025	.00160	.0875	1.4467
%RSD	2.1820	.5056	.30331	5.7400	25.441

#1	.19546	4.854	.52852	1.4380	-4.0874
#2	.18737	4.812	.52606	1.5233	-6.9047
#3	.19333	4.855	.52907	1.6130	-6.0671

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2917.1	35483.	2490.8	34.381	2705.1
Stddev	11.4	86.	17.7	.317	10.0
%RSD	.39022	.24261	.71218	.92173	.37097

#1	2905.0	35573.	2471.2	34.329	2693.6
#2	2918.7	35474.	2495.4	34.721	2711.8
#3	2927.6	35402.	2505.8	34.093	2710.0

Sample Name: K4066-11 Acquired: 7/31/2019 16:10:54 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01794	-.03262	.29422	.03005	.00763	163.54	1.0096
Stddev	.00546	.00144	.00282	.00207	.00351	1.26	.0086
%RSD	30.457	4.4270	.95907	6.9019	46.075	.76801	.85703

#1	.02156	-.03279	.29737	.03184	.01127	162.14	1.0005
#2	.01165	-.03110	.29337	.02777	.00425	163.90	1.0107
#3	.02060	-.03398	.29193	.03053	.00737	164.57	1.0177

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00886	.00207	91.666	.19795	.15712	.73991	235.28
Stddev	.00023	.00033	.540	.00101	.00037	.00360	.49
%RSD	2.5652	15.693	.58874	.51230	.23399	.48653	.20991

#1	.00863	.00230	91.538	.19686	.15721	.73873	235.45
#2	.00886	.00222	92.258	.19810	.15671	.73705	234.73
#3	.00908	.00170	91.202	.19887	.15743	.74395	235.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2876	66.887	.28676	1.1555	20.571	.32628	1.0241
Stddev	.0154	.654	.00039	.0026	.184	.00127	.0024
%RSD	.29128	.97776	.13644	.22652	.89419	.38994	.23837

#1	5.2990	66.186	.28721	1.1562	20.374	.32490	1.0254
#2	5.2937	66.993	.28657	1.1526	20.600	.32652	1.0213
#3	5.2701	67.481	.28649	1.1576	20.738	.32742	1.0256

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.581	.00666	.01136	2.0208	F 15.949	.02630	2.4720
Stddev	.147	.00032	.01331	.0087	.060	.00116	.0055
%RSD	.78961	4.8522	117.18	.43009	.37763	4.3946	.22388

#1	18.426	.00702	.01989	2.0295	16.019	.02527	2.4656
#2	18.599	.00639	-.00398	2.0122	15.917	.02607	2.4756
#3	18.718	.00658	.01816	2.0206	15.911	.02755	2.4747

Sample Name: K4066-11 Acquired: 7/31/2019 16:10:54 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-12 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.27795	5.751	.27021	.02753	F<.00000
Stddev	.00115	.007	.00401	.13398	1.4361
%RSD	.41305	.1183	1.4837	486.73	11.085

#1	.27920	5.743	.27043	.01925	-11.394
#2	.27769	5.755	.27411	.16545	-13.250
#3	.27694	5.754	.26610	-.10212	-14.221

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3020.7	36644.	2591.3	34.262	2687.4
Stddev	25.4	68.	30.9	2.386	9.3
%RSD	.84183	.18544	1.1909	6.9638	.34748

#1	3033.0	36577.	2566.1	31.801	2689.6
#2	3037.7	36644.	2582.1	34.419	2695.5
#3	2991.5	36713.	2625.7	36.566	2677.2

Sample Name: K4066-15 Acquired: 7/31/2019 16:15:20 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04588	-.03824	.66743	.03028	.00256	206.35	1.4967
Stddev	.00229	.00144	.00306	.00480	.00240	.84	.0083
%RSD	4.9842	3.7653	.45861	15.838	93.749	.40857	.55572

#1	.04361	-.03898	.66985	.02551	.00364	205.39	1.4882
#2	.04584	-.03658	.66399	.03510	.00422	206.95	1.5048
#3	.04819	-.03916	.66845	.03024	-.00019	206.72	1.4971

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01084	.00173	181.11	.25246	.14278	.58561	243.68
Stddev	.00024	.00013	.80	.00103	.00026	.00110	.50
%RSD	2.2361	7.6071	.43964	.40762	.18145	.18750	.20420

#1	.01089	.00188	180.23	.25188	.14307	.58454	243.91
#2	.01105	.00164	181.32	.25365	.14256	.58673	244.02
#3	.01057	.00166	181.78	.25185	.14272	.58555	243.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8084	68.763	.27103	1.1943	28.727	.37438	.79833
Stddev	.0132	.591	.00068	.0030	.164	.00121	.00065
%RSD	.22749	.85912	.24931	.24950	.56930	.32289	.08136

#1	5.8052	68.396	.27162	1.1954	28.596	.37331	.79883
#2	5.8229	69.445	.27029	1.1966	28.910	.37569	.79858
#3	5.7970	68.449	.27118	1.1910	28.675	.37413	.79760

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.590	.00147	-.01546	F 13.828	F 16.931	.02662	2.3340
Stddev	.085	.00086	.00711	.009	.074	.00160	.0084
%RSD	.37782	58.681	45.993	.06251	.43885	6.0059	.36152

#1	22.597	.00182	-.02207	13.824	16.891	.02810	2.3244
#2	22.672	.00211	-.01638	13.821	16.885	.02492	2.3402
#3	22.501	.00049	-.00794	13.837	17.017	.02685	2.3374

Sample Name: K4066-15 Acquired: 7/31/2019 16:15:20 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-13 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29709	6.652	.88326	<.00000	F<.00000
Stddev	.00310	.005	.00625	.19502	2.3275
%RSD	1.0444	.0745	.70817	55.270	14.621

#1	.29788	6.656	.87686	-.21898	-18.579
#2	.29366	6.654	.88355	-.57660	-14.920
#3	.29972	6.646	.88936	-.26297	-14.259

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3076.9	36959.	2667.8	34.001	2644.7
Stddev	.9	53.	11.0	.462	3.4
%RSD	.02798	.14414	.41385	1.3593	.13019

#1	3076.6	36960.	2670.2	34.027	2641.0
#2	3076.2	36906.	2677.4	34.449	2647.9
#3	3077.8	37012.	2655.7	33.526	2645.2

Sample Name: K4077-06 Acquired: 7/31/2019 16:19:46 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 20190612-LOC Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00566	-.03511	.00499	.02192	-.00294	29.772	.17786
Stddev	.00092	.00102	.00066	.00084	.00140	.135	.00077
%RSD	16.259	2.9135	13.204	3.8168	47.784	.45322	.43158

#1	.00509	-.03551	.00485	.02278	-.00268	29.633	.17703
#2	.00517	-.03588	.00441	.02111	-.00445	29.781	.17801
#3	.00673	-.03395	.00570	.02188	-.00168	29.903	.17854

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00239	.00400	92.514	.06719	.11691	.37723	153.93
Stddev	.00006	.00017	.261	.00073	.00034	.00035	.17
%RSD	2.4359	4.2368	.28189	1.0829	.28943	.09407	.11108

#1	.00241	.00392	92.215	.06636	.11728	.37710	154.06
#2	.00243	.00419	92.695	.06754	.11661	.37764	153.74
#3	.00232	.00388	92.631	.06768	.11683	.37696	153.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4597	27.518	.13273	.75275	1.3791	.21429	.26268
Stddev	.0046	.010	.00012	.00124	.0148	.00168	.00046
%RSD	.31308	.03508	.09067	.16513	1.0703	.78452	.17406

#1	1.4601	27.526	.13271	.75397	1.3890	.21240	.26216
#2	1.4550	27.522	.13262	.75148	1.3862	.21562	.26292
#3	1.4641	27.508	.13285	.75282	1.3621	.21485	.26297

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.710	.00164	-.01531	F 21.044	F 10.439	.00178	1.7315
Stddev	.089	.00027	.01612	.009	.024	.00088	.0109
%RSD	.65097	16.473	105.28	.04207	.22985	49.660	.62742

#1	13.751	.00133	-.01749	21.035	10.447	.00221	1.7245
#2	13.607	.00182	.00179	21.046	10.412	.00076	1.7440
#3	13.770	.00178	-.03023	21.052	10.457	.00237	1.7259

Sample Name: K4077-06 Acquired: 7/31/2019 16:19:46 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 20190612-LOC Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05136	F 24.41	.01982	<.00000	F<.00000
Stddev	.00066	.04	.00067	.28207	1.1550
%RSD	1.2772	.1603	3.3734	3.1074	12.122

#1	.05146	24.45	.01907	-8.9369	-8.6923
#2	.05196	24.38	.02033	-8.8936	-10.846
#3	.05066	24.40	.02007	-9.4024	-9.0455

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4041.7	49652.	3441.8	34.828	2787.0
Stddev	2.1	52.	6.2	.325	4.4
%RSD	.05313	.10543	.18010	.93336	.15800

#1	4040.6	49598.	3436.9	35.200	2786.1
#2	4040.3	49657.	3439.8	34.597	2783.2
#3	4044.2	49702.	3448.8	34.686	2791.9

Sample Name: K4079-02 Acquired: 7/31/2019 16:24:08 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TANK-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07526	-.00364	-.00242	.00120	-.00273	1.1872	.04092
Stddev	.00111	.00141	.00124	.00209	.00086	.0294	.00070
%RSD	1.4796	38.558	51.170	173.92	31.315	2.4728	1.7066

#1	.07545	-.00239	-.00253	.00347	-.00287	1.2144	.04084
#2	.07406	-.00516	-.00113	.00076	-.00352	1.1561	.04027
#3	.07626	-.00338	-.00360	-.00063	-.00182	1.1912	.04166

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00011	75.759	.01116	.00041	.00621	-.00740
Stddev	.00006	.00003	.177	.00019	.00015	.00050	.00054
%RSD	53.638	30.965	.23416	1.6603	37.248	8.0038	7.3041

#1	.00014	-.00012	75.699	.01096	.00023	.00607	-.00678
#2	.00004	-.00013	75.958	.01120	.00050	.00676	-.00779
#3	.00015	-.00007	75.619	.01132	.00049	.00579	-.00762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00178	1.3592	.00111	.00019	101.53	.02824	.01948
Stddev	.00006	.1221	.00049	.00085	.50	.00023	.00014
%RSD	3.2732	8.9841	43.943	443.75	.48791	.80625	.72819

#1	.00179	1.4628	.00062	.00094	101.76	.02850	.01955
#2	.00184	1.2246	.00160	-.00073	101.88	.02812	.01957
#3	.00172	1.3902	.00111	.00036	100.97	.02810	.01932

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	55.028	.02372	.21845	F 52.135	F 16.464	-.02278	-.00235
Stddev	.301	.00059	.00744	.174	.117	.00063	.00023
%RSD	.54715	2.4874	3.4065	.33431	.70938	2.7681	9.6168

#1	55.276	.02341	.21100	52.321	16.375	-.02335	-.00236
#2	55.116	.02440	.22588	51.976	16.596	-.02210	-.00258
#3	54.693	.02335	.21847	52.109	16.422	-.02288	-.00212

Sample Name: K4079-02 Acquired: 7/31/2019 16:24:08 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TANK-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00764	.0066	1.6344	3.1731	9.0057
Stddev	.00218	.0012	.0156	.0667	.6326
%RSD	28.573	17.84	.95221	2.1032	7.0245

#1	.01013	.0071	1.6271	3.1578	9.5618
#2	.00669	.0074	1.6523	3.1154	9.1380
#3	.00609	.0052	1.6239	3.2462	8.3175

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2813.7	33813.	2359.4	37.790	2994.2
Stddev	.7	105.	17.8	.425	5.9
%RSD	.02321	.31048	.75475	1.1242	.19842

#1	2813.0	33709.	2368.3	38.184	2988.2
#2	2813.9	33810.	2338.9	37.847	2994.4
#3	2814.2	33919.	2371.0	37.340	3000.1

Sample Name: K4079-02DUP Acquired: 7/31/2019 16:28:31 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TANK-4DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07212	-.00286	-.00105	-.00173	-.00185	1.1858	.03931
Stddev	.00094	.00169	.00067	.00461	.00172	.0115	.00110
%RSD	1.2988	59.165	63.748	266.91	92.814	.97034	2.7997

#1	.07152	-.00428	-.00176	.00299	-.00330	1.1909	.03928
#2	.07320	-.00099	-.00099	-.00623	-.00230	1.1727	.03822
#3	.07165	-.00331	-.00042	-.00194	.00005	1.1939	.04042

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00002	75.687	.01107	.00054	.00656	-.00928
Stddev	.00009	.00011	.277	.00049	.00024	.00053	.00139
%RSD	103.94	523.85	.36654	4.4562	44.631	8.0178	14.970

#1	.00003	-.00007	75.469	.01123	.00031	.00717	-.00844
#2	.00005	.00011	75.999	.01052	.00052	.00622	-.00852
#3	.00020	-.00010	75.593	.01146	.00078	.00629	-.01088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00178	1.3606	.00116	.00010	100.67	.02785	.01937
Stddev	.00013	.0331	.00060	.00095	.43	.00044	.00014
%RSD	7.0776	2.4305	51.480	926.36	.43119	1.5935	.74458

#1	.00192	1.3720	.00184	.00062	101.18	.02833	.01954
#2	.00173	1.3233	.00069	.00068	100.43	.02745	.01929
#3	.00168	1.3863	.00096	-.00100	100.42	.02776	.01929

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.481	.02358	.19908	F 52.320	F 16.584	-.02238	.00056
Stddev	.037	.00024	.03049	.116	.133	.00134	.00090
%RSD	.06824	1.0249	15.316	.22164	.79935	5.9759	161.74

#1	54.517	.02381	.22303	52.379	16.515	-.02317	.00143
#2	54.442	.02333	.20947	52.187	16.737	-.02313	.00061
#3	54.483	.02359	.16476	52.396	16.501	-.02084	-.00037

Sample Name: K4079-02DUP Acquired: 7/31/2019 16:28:31 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TANK-4DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00894	.0070	1.6335	3.3285	9.2861
Stddev	.00178	.0007	.0115	.0615	1.2067
%RSD	19.899	10.42	.70217	1.8466	12.995

#1	.00729	.0073	1.6299	3.3717	9.2064
#2	.00870	.0076	1.6463	3.2581	8.1212
#3	.01082	.0062	1.6243	3.3557	10.531

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.2	33710.	2332.4	36.728	2977.2
Stddev	10.4	203.	23.8	1.641	6.3
%RSD	.37037	.60139	1.0185	4.4674	.21101

#1	2791.0	33504.	2330.0	36.255	2977.5
#2	2807.1	33718.	2309.9	35.376	2983.4
#3	2787.7	33909.	2357.3	38.554	2970.8

Sample Name: CCV04 Acquired: 7/31/2019 16:32:55 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0557	5.0059	5.0304	5.0885	5.0529	9.9912	10.189
Stddev	.0171	.0060	.0047	.0123	.0179	.0525	.040
%RSD	.33775	.11887	.09316	.24181	.35486	.52517	.39200

#1	5.0452	5.0124	5.0358	5.1017	5.0547	9.9344	10.143
#2	5.0754	5.0046	5.0280	5.0866	5.0698	10.038	10.213
#3	5.0464	5.0007	5.0273	5.0773	5.0341	10.001	10.211

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25544	2.4756	25.073	.99698	2.5121	1.2742	5.0646
Stddev	.00067	.0040	.240	.00145	.0048	.0022	.0205
%RSD	.26036	.16272	.95739	.14561	.18951	.17065	.40531

#1	.25566	2.4801	24.862	.99844	2.5165	1.2744	5.0880
#2	.25469	2.4746	25.022	.99553	2.5129	1.2762	5.0497
#3	.25597	2.4722	25.334	.99697	2.5071	1.2719	5.0561

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4653	25.720	2.4681	1.2611	25.174	2.4937	2.5278
Stddev	.0109	.422	.0012	.0033	.130	.0004	.0049
%RSD	.44032	1.6403	.04727	.25964	.51832	.01809	.19321

#1	2.4736	25.236	2.4694	1.2640	25.024	2.4936	2.5328
#2	2.4692	25.913	2.4676	1.2619	25.261	2.4932	2.5276
#3	2.4530	26.011	2.4672	1.2576	25.237	2.4941	2.5230

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.891	5.0400	4.9223	5.2016	4.8700	5.0142	5.0043
Stddev	.102	.0087	.0756	.0410	.0535	.0151	.0323
%RSD	.41167	.17242	1.5362	.78817	1.0989	.30199	.64502

#1	24.778	5.0479	4.8791	5.2441	4.9021	5.0240	4.9964
#2	24.916	5.0414	4.8781	5.1982	4.8083	5.0220	4.9767
#3	24.979	5.0307	5.0096	5.1624	4.8998	4.9968	5.0398

Sample Name: CCV04 Acquired: 7/31/2019 16:32:55 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.7649	5.186	5.0077	4.7397	F 4.1588
Stddev	.0242	.012	.0304	.2474	.2338
%RSD	.50826	.2302	.60701	5.2199	5.6222

#1	4.7732	5.189	5.0006	4.6562	4.3753
#2	4.7376	5.195	4.9815	4.5449	3.9109
#3	4.7839	5.172	5.0410	5.0181	4.1901

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2661.1	32265.	2268.8	33.752	2743.2
Stddev	9.1	30.	17.5	1.094	7.5
%RSD	.34359	.09258	.77301	3.2412	.27350

#1	2651.6	32230.	2256.0	34.170	2734.8
#2	2662.1	32286.	2288.8	34.576	2745.5
#3	2669.8	32278.	2261.7	32.511	2749.3

Sample Name: CCB04 Acquired: 7/31/2019 16:36:53 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA8446 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00208	.00020	-.00046	.00206	-.00163	-.01440	.00175
Stddev	.00445	.00133	.00076	.00203	.00176	.01240	.00033
%RSD	213.73	666.15	166.13	98.843	108.29	86.069	18.555

#1	.00304	.00090	.00006	.00001	-.00034	-.00009	.00141
#2	-.00433	-.00134	-.00010	.00407	-.00090	-.02146	.00180
#3	-.00496	.00104	-.00133	.00209	-.00364	-.02167	.00205

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00000	-.02601	.00023	.00022	-.00044	.00126
Stddev	.00008	.00005	.03024	.00040	.00014	.00019	.00082
%RSD	2331.7	1262.4	116.23	176.67	62.456	42.052	64.892

#1	-.00010	.00006	-.02085	.00017	.00006	-.00047	.00218
#2	.00004	-.00002	-.05850	-.00014	.00030	-.00061	.00063
#3	.00004	-.00003	.00131	.00065	.00030	-.00024	.00097

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00706	.00065	.00093	-.02920	-.00026	-.00175
Stddev	.00005	.04661	.00011	.00090	.01683	.00072	.00004
%RSD	42.093	659.85	17.685	96.245	57.661	275.20	2.4021

#1	-.00007	-.00156	.00058	.00195	-.02716	-.00020	-.00179
#2	-.00017	-.05618	.00058	.00024	-.04696	-.00101	-.00171
#3	-.00015	.03655	.00078	.00061	-.01347	.00043	-.00174

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04586	.00043	.00218	F .03182	.00122	-.00156	-.00102
Stddev	.06460	.00047	.03508	.00951	.00166	.00048	.00188
%RSD	140.85	108.11	1611.9	29.893	135.84	30.877	184.39

#1	-.01100	.00097	-.03829	.04064	.00164	-.00109	-.00313
#2	.03249	.00008	.02403	.03307	-.00061	-.00153	-.00042
#3	.11610	.00026	.02078	.02174	.00262	-.00205	.00049

Sample Name: CCB04 Acquired: 7/31/2019 16:36:53 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA8446 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00066	-.0047	.00015	F 3.6221	F 5.3349
Stddev	.00058	.0009	.00016	.2723	1.5403
%RSD	88.428	19.73	106.68	7.5185	28.873

#1	.00117	-.0057	.00033	3.4007	6.0372
#2	.00002	-.0043	.00001	3.9262	6.3989
#3	.00078	-.0040	.00012	3.5393	3.5686

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2748.7	33704.	2271.7	35.365	2998.2
Stddev	2.8	161.	16.2	.489	7.0
%RSD	.10369	.47866	.71412	1.3822	.23381

#1	2750.3	33668.	2257.3	35.407	2990.8
#2	2750.3	33564.	2268.6	34.857	3004.7
#3	2745.4	33881.	2289.3	35.832	2999.1

Sample Name: K4079-02LX5 Acquired: 7/31/2019 16:41:23 Type: Unk
Method: P4-ICP2(v3306) 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	.01405	-.00177	-.00183	.00045	-.00042	.22537	.00953
Stddev	.00361	.00144	.00083	.00184	.00130	.01853	.00014
%RSD	25.693	81.667	45.164	407.63	311.96	8.2205	1.4275

#1	.01513	-.00230	-.00106	-.00167	-.00178	.21176	.00937
#2	.01002	-.00287	-.00270	.00132	.00080	.21788	.00956
#3	.01699	-.00013	-.00172	.00170	-.00027	.24647	.00964

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00012	15.550	.00250	.00026	.00216	-.00204
Stddev	.00010	.00003	.058	.00024	.00021	.00051	.00073
%RSD	229.78	23.888	.37188	9.4070	81.506	23.519	35.795

#1	.00014	-.00012	15.486	.00276	.00003	.00240	-.00287
#2	.00006	-.00009	15.566	.00242	.00044	.00158	-.00154
#3	-.00007	-.00015	15.598	.00231	.00030	.00251	-.00170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.26399	.00049	.00140	20.337	.00526	.00288
Stddev	.00004	.07229	.00054	.00072	.093	.00015	.00008
%RSD	20.752	27.382	108.40	51.767	.45658	2.7841	2.8692

#1	.00015	.23228	.00107	.00132	20.300	.00515	.00292
#2	.00022	.21297	.00040	.00071	20.269	.00543	.00278
#3	.00017	.34671	.00001	.00216	20.443	.00521	.00293

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.820	.00488	.01379	F 10.180	3.4136	-.00635	-.00011
Stddev	.037	.00057	.01680	.033	.0247	.00120	.00256
%RSD	.33795	11.645	121.88	.32464	.72359	18.913	2364.7

#1	10.842	.00552	.03231	10.147	3.3858	-.00766	.00259
#2	10.778	.00443	-.00047	10.213	3.4332	-.00530	-.00040
#3	10.841	.00470	.00952	10.182	3.4216	-.00610	-.00251

Sample Name: K4079-02LX5 Acquired: 7/31/2019 16:41:23 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00058	-.0021	.34214	3.9627	7.3607
Stddev	.00425	.0024	.00234	.2167	.3219
%RSD	730.13	113.5	.68475	5.4695	4.3731

#1	-.00394	-.0013	.34020	4.2104	6.9930
#2	.00448	-.0047	.34149	3.8693	7.5916
#3	.00120	-.0002	.34474	3.8082	7.4974

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2751.0	33483.	2294.3	37.237	3036.8
Stddev	7.7	123.	4.7	.944	4.7
%RSD	.28039	.36750	.20647	2.5343	.15611

#1	2742.8	33389.	2299.8	36.264	3031.8
#2	2758.1	33622.	2291.4	38.148	3041.2
#3	2752.2	33439.	2291.7	37.301	3037.5

Sample Name: K4079-02MS Acquired: 7/31/2019 16:45:48 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TANK-4MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94814	2.0820	1.0396	2.1576	.85792	3.2783	.25954
Stddev	.01017	.0183	.0106	.0110	.00634	.0403	.00292
%RSD	1.0731	.88096	1.0168	.50965	.73850	1.2306	1.1235

#1	.94393	2.0609	1.0275	2.1460	.85269	3.2496	.25661
#2	.94074	2.0906	1.0469	2.1588	.85610	3.2610	.25958
#3	.95974	2.0944	1.0444	2.1679	.86496	3.3245	.26244

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22517	.20560	77.686	.44022	.21520	.34433	3.2977
Stddev	.00130	.00180	.398	.00299	.00191	.00216	.0153
%RSD	.57952	.87532	.51170	.67894	.88974	.62871	.46231

#1	.22420	.20355	77.294	.43732	.21303	.34248	3.2822
#2	.22467	.20634	78.089	.44005	.21593	.34379	3.2982
#3	.22665	.20692	77.674	.44329	.21664	.34671	3.3127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21573	3.5415	.52838	.09223	104.29	.36102	.24880
Stddev	.00171	.1094	.00508	.00099	1.03	.00127	.00201
%RSD	.79363	3.0876	.96197	1.0714	.98385	.35072	.80875

#1	.21488	3.4243	.52258	.09164	103.70	.36101	.24650
#2	.21461	3.5595	.53053	.09167	103.70	.35976	.24966
#3	.21770	3.6408	.53204	.09337	105.47	.36229	.25023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	65.127	.44706	.51791	F 52.052	F 17.875	.72580	.20796
Stddev	.703	.00302	.01929	.376	.143	.00671	.00301
%RSD	1.0791	.67585	3.7246	.72297	.79977	.92393	1.4461

#1	64.684	.44371	.50155	51.631	17.841	.71847	.20684
#2	64.760	.44788	.51299	52.169	18.032	.72731	.21137
#3	65.937	.44959	.53918	52.355	17.752	.73163	.20568

Sample Name: K4079-02MS Acquired: 7/31/2019 16:45:48 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TANK-4MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22953	6.744	1.8726	3.6021	7.5726
Stddev	.00449	.068	.0096	.1391	.3802
%RSD	1.9545	1.013	.51301	3.8626	5.0206

#1	.22439	6.666	1.8630	3.4688	7.3745
#2	.23154	6.774	1.8822	3.7464	8.0109
#3	.23266	6.793	1.8726	3.5912	7.3323

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2825.5	33908.	2316.5	36.462	2978.0
Stddev	11.2	176.	20.6	.465	18.0
%RSD	.39568	.51967	.88914	1.2766	.60302

#1	2838.3	34047.	2318.6	36.095	2997.6
#2	2817.5	33966.	2295.0	36.986	2962.4
#3	2820.9	33710.	2336.0	36.306	2974.1

Sample Name: K4079-02MSD Acquired: 7/31/2019 16:49:55 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TANK-4MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96391	2.1134	1.0604	2.1991	.87829	3.3733	.26505
Stddev	.00806	.0151	.0065	.0071	.00712	.0219	.00476
%RSD	.83614	.71506	.61126	.32225	.81106	.64913	1.7942

#1	.97317	2.1308	1.0665	2.2071	.88608	3.3538	.26042
#2	.95854	2.1062	1.0536	2.1934	.87211	3.3690	.26480
#3	.96000	2.1033	1.0610	2.1969	.87668	3.3970	.26992

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22988	.20873	78.636	.45237	.21892	.35104	3.3825
Stddev	.00032	.00124	.952	.00108	.00082	.00323	.0026
%RSD	.13773	.59592	1.2106	.23914	.37675	.91986	.07583

#1	.22980	.21017	77.599	.45266	.21984	.35474	3.3798
#2	.23023	.20798	78.839	.45117	.21865	.34963	3.3848
#3	.22961	.20804	79.471	.45327	.21826	.34876	3.3829

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22247	3.5063	.53664	.09437	107.17	.37232	.25224
Stddev	.00071	.0303	.00321	.00087	.74	.00163	.00188
%RSD	.32061	.86402	.59773	.92357	.69234	.43687	.74634

#1	.22281	3.4857	.54033	.09518	106.56	.37372	.25441
#2	.22165	3.4922	.53447	.09449	106.96	.37053	.25098
#3	.22294	3.5411	.53513	.09344	108.00	.37269	.25134

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	67.230	.45632	.52930	F 53.445	F 18.110	.73589	.20918
Stddev	.259	.00236	.01948	.308	.036	.00629	.00241
%RSD	.38574	.51666	3.6799	.57659	.19655	.85430	1.1532

#1	67.025	.45904	.52990	53.798	18.105	.74312	.20648
#2	67.142	.45479	.50952	53.231	18.147	.73288	.20996
#3	67.521	.45514	.54846	53.305	18.076	.73167	.21112

Sample Name: K4079-02MSD Acquired: 7/31/2019 16:49:55 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TANK-4MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23488	6.864	1.8899	3.7130	8.3811
Stddev	.00355	.035	.0154	.1363	.3127
%RSD	1.5124	.5124	.81292	3.6718	3.7312

#1	.23080	6.904	1.8728	3.5713	8.1904
#2	.23724	6.837	1.8944	3.7244	8.2108
#3	.23661	6.851	1.9026	3.8432	8.7420

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.0	33299.	2318.8	36.613	2949.9
Stddev	22.0	58.	2.1	.966	21.3
%RSD	.78804	.17480	.08854	2.6373	.72100

#1	2769.8	33259.	2320.0	37.568	2925.9
#2	2810.3	33366.	2316.5	35.637	2966.2
#3	2804.9	33272.	2320.1	36.634	2957.8

Sample Name: K4079-02A Acquired: 7/31/2019 16:54:01 Type: Unk
Method: P4-ICP2(v3306) 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	.94710	2.0907	1.0487	2.1732	.87104	3.3274	.26161
Stddev	.00474	.0118	.0037	.0116	.00338	.0477	.00474
%RSD	.50091	.56463	.35677	.53316	.38808	1.4341	1.8135

#1	.95240	2.1030	1.0491	2.1825	.87110	3.2964	.25673
#2	.94325	2.0896	1.0523	2.1769	.87439	3.3035	.26189
#3	.94566	2.0794	1.0448	2.1602	.86763	3.3824	.26621

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22658	.20653	77.774	.44672	.21672	.34773	3.3426
Stddev	.00088	.00033	.336	.00145	.00047	.00089	.0162
%RSD	.38827	.16068	.43177	.32460	.21821	.25454	.48555

#1	.22725	.20672	77.476	.44778	.21667	.34795	3.3373
#2	.22558	.20672	78.138	.44507	.21721	.34848	3.3298
#3	.22690	.20615	77.710	.44732	.21627	.34676	3.3609

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21797	3.5840	.53186	.09287	105.20	.36399	.25142
Stddev	.00031	.0520	.00159	.00076	.95	.00159	.00072
%RSD	.14410	1.4497	.29975	.81529	.89894	.43694	.28453

#1	.21783	3.5241	.53319	.09210	104.14	.36533	.25140
#2	.21833	3.6119	.53228	.09290	105.50	.36223	.25214
#3	.21776	3.6161	.53009	.09361	105.96	.36439	.25071

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	65.853	.45046	.51766	F 52.655	F 17.928	.72842	.21245
Stddev	.685	.00032	.01237	.168	.228	.00434	.00717
%RSD	1.0402	.07155	2.3897	.31834	1.2712	.59570	3.3733

#1	65.178	.45044	.51095	52.822	18.171	.73067	.20426
#2	65.833	.45079	.51009	52.487	17.894	.73117	.21556
#3	66.548	.45015	.53193	52.657	17.719	.72342	.21755

Sample Name: K4079-02A Acquired: 7/31/2019 16:54:01 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22801	6.795	1.8716	3.5791	6.8328
Stddev	.00219	.034	.0078	.2639	2.0910
%RSD	.96181	.4960	.41654	7.3729	30.603

#1	.22553	6.823	1.8721	3.3560	9.1012
#2	.22972	6.806	1.8791	3.5108	4.9822
#3	.22877	6.758	1.8636	3.8704	6.4149

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2818.8	33601.	2319.7	35.227	2970.2
Stddev	7.3	182.	15.9	1.588	4.3
%RSD	.25935	.54159	.68397	4.5082	.14556

#1	2815.1	33755.	2304.5	35.265	2966.7
#2	2827.3	33648.	2318.4	33.620	2975.0
#3	2814.1	33400.	2336.2	36.795	2969.0

Sample Name: K3618-10MSD Acquired: 7/31/2019 16:58:06 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80875	2.0287	1.0346	2.0113	.80238	2.1400	.38355	.20577	.20700
Stddev	.00318	.0086	.0025	.0034	.00333	.0180	.00340	.00064	.00022
%RSD	.39352	.42312	.24125	.16771	.41474	.83981	.88639	.31120	.10541

#1	.80524	2.0372	1.0372	2.0104	.80393	2.1280	.38047	.20612	.20700
#2	.81145	2.0287	1.0342	2.0151	.80466	2.1313	.38297	.20615	.20722
#3	.80957	2.0201	1.0323	2.0085	.79856	2.1607	.38720	.20503	.20679

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9976	.41459	.22607	.31983	3.8269	1.1097	4.8070	.52703	.09043
Stddev	.0903	.00065	.00020	.00025	.0025	.0009	.0859	.00145	.00016
%RSD	.90345	.15621	.08884	.07797	.06595	.08288	1.7874	.27474	.18046

#1	9.8988	.41473	.22599	.32011	3.8269	1.1091	4.7108	.52537	.09043
#2	10.018	.41388	.22592	.31977	3.8295	1.1107	4.8341	.52770	.09060
#3	10.076	.41515	.22630	.31962	3.8244	1.1092	4.8761	.52802	.09027

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	304.57	.32145	.24935	11.153	.40700	.28932	.54929	1.5374	.73459
Stddev	1.29	.00212	.00036	.115	.00017	.02492	.03651	.0121	.00170
%RSD	.42412	.65879	.14468	1.0353	.04139	8.6133	6.6468	.78929	.23108

#1	303.32	.32335	.24973	11.097	.40703	.30342	.58630	1.5417	.73647
#2	304.48	.31917	.24902	11.076	.40715	.26055	.54826	1.5468	.73412
#3	305.90	.32183	.24929	11.286	.40682	.30400	.51330	1.5237	.73317

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20417	.21184	6.610	.23413	5.0554	8.0292			
Stddev	.00200	.00091	.029	.00079	.0562	1.1318			
%RSD	.98107	.42989	.4451	.33667	1.1109	14.096			

#1	.20536	.21124	6.639	.23322	4.9925	6.8591			
#2	.20528	.21139	6.610	.23456	5.0728	8.1103			
#3	.20185	.21289	6.580	.23461	5.1007	9.1184			

Sample Name: K3618-10MSD Acquired: 7/31/2019 16:58:06 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2671.4	32023.	2240.0	34.267	2658.8
Stddev	2.5	86.	17.1	.125	4.5
%RSD	.09292	.26861	.76147	.36403	.16750
#1	2671.9	31926.	2228.0	34.127	2659.8
#2	2668.7	32050.	2232.4	34.306	2653.9
#3	2673.6	32092.	2259.5	34.367	2662.7

Sample Name: K3618-10A Acquired: 7/31/2019 17:02:15 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80107	2.0154	1.0218	1.9812	.79141	2.1397	.38187	.20338	.20456
Stddev	.00160	.0059	.0035	.0060	.00361	.0317	.00391	.00065	.00022
%RSD	.19946	.29371	.34636	.30415	.45614	1.4795	1.0249	.31788	.10534

#1	.80232	2.0113	1.0258	1.9881	.78898	2.1135	.37755	.20331	.20432
#2	.79927	2.0222	1.0189	1.9768	.78970	2.1306	.38288	.20278	.20475
#3	.80161	2.0127	1.0208	1.9788	.79556	2.1749	.38518	.20406	.20461

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8299	.40970	.22393	.31540	3.7958	1.0943	4.9367	.52178	.09062
Stddev	.0318	.00184	.00013	.00151	.0026	.0032	.1040	.00102	.00062
%RSD	.32390	.44830	.05915	.47999	.06854	.29637	2.1074	.19529	.67888

#1	9.7934	.41179	.22405	.31456	3.7929	1.0962	4.9345	.52276	.09094
#2	9.8442	.40900	.22395	.31715	3.7979	1.0961	5.0418	.52073	.08991
#3	9.8521	.40832	.22379	.31448	3.7967	1.0905	4.8338	.52186	.09101

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	302.68	.31613	.24534	11.131	.40285	.31371	.41608	1.4857	.72623
Stddev	1.75	.00316	.00036	.120	.00130	.03715	.00541	.0080	.00156
%RSD	.57762	.99989	.14763	1.0822	.32355	11.844	1.3009	.53799	.21441

#1	300.87	.31978	.24569	11.019	.40413	.29300	.42216	1.4945	.72727
#2	302.82	.31437	.24497	11.114	.40288	.29152	.41432	1.4836	.72697
#3	304.36	.31424	.24535	11.258	.40153	.35660	.41177	1.4789	.72444

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19816	.20871	6.509	.22950	4.6837	8.5808			
Stddev	.00343	.00263	.002	.00116	.2049	.7274			
%RSD	1.7331	1.2623	.0226	.50668	4.3745	8.4765			

#1	.20206	.20572	6.510	.22840	4.5514	7.9257			
#2	.19562	.20974	6.508	.23072	4.5799	8.4532			
#3	.19679	.21068	6.510	.22938	4.9197	9.3635			

Sample Name: K3618-10A Acquired: 7/31/2019 17:02:15 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2715.1	32586.	2315.0	35.201	2698.6
Stddev	5.0	82.	20.3	.584	4.4
%RSD	.18486	.25262	.87603	1.6585	.16206
#1	2709.5	32530.	2295.7	34.581	2693.6
#2	2716.7	32680.	2313.1	35.740	2701.0
#3	2719.1	32547.	2336.2	35.281	2701.2

Sample Name: CCV05 Acquired: 7/31/2019 17:06:24 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0522	5.0467	5.0217	5.0971	5.0451	9.8705	10.052
Stddev	.0174	.0069	.0105	.0090	.0077	.1501	.098
%RSD	.34348	.13573	.20853	.17735	.15346	1.5210	.97318

#1	5.0685	5.0520	5.0330	5.1043	5.0534	9.7246	9.9440
#2	5.0339	5.0492	5.0198	5.0999	5.0382	9.8624	10.078
#3	5.0543	5.0390	5.0123	5.0869	5.0437	10.025	10.134

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25369	2.4859	25.162	.99720	2.5107	1.2690	5.0630
Stddev	.00047	.0038	.226	.00191	.0021	.0045	.0104
%RSD	.18343	.15148	.89708	.19133	.08499	.35165	.20480

#1	.25316	2.4901	24.972	.99770	2.5098	1.2736	5.0691
#2	.25388	2.4848	25.102	.99509	2.5131	1.2689	5.0510
#3	.25403	2.4828	25.412	.99880	2.5091	1.2647	5.0689

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4591	25.355	2.4834	1.2571	25.083	2.4986	2.5173
Stddev	.0083	.544	.0035	.0015	.249	.0016	.0009
%RSD	.33747	2.1440	.14231	.11922	.99338	.06466	.03466

#1	2.4560	24.743	2.4873	1.2588	24.815	2.4989	2.5182
#2	2.4527	25.540	2.4826	1.2560	25.128	2.4968	2.5165
#3	2.4684	25.782	2.4804	1.2566	25.308	2.5000	2.5171

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.620	5.0349	4.8036	5.0673	4.8878	5.0198	5.0009
Stddev	.310	.0106	.0981	.0274	.0194	.0169	.0445
%RSD	1.2601	.21051	2.0427	.54043	.39721	.33595	.89093

#1	24.298	5.0470	4.6920	5.0792	4.9046	5.0316	4.9494
#2	24.646	5.0275	4.8427	5.0867	4.8921	5.0005	5.0253
#3	24.917	5.0300	4.8762	5.0360	4.8665	5.0272	5.0278

Sample Name: CCV05 Acquired: 7/31/2019 17:06:24 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.8062	5.208	5.0097	F 4.4925	4.9249
Stddev	.0378	.008	.0259	.1587	.4810
%RSD	.78566	.1570	.51595	3.5317	9.7662

#1	4.7794	5.208	4.9819	4.4105	4.3770
#2	4.8494	5.216	5.0331	4.6754	5.2776
#3	4.7899	5.200	5.0141	4.3916	5.1202

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2697.3	32667.	2267.6	34.598	2770.9
Stddev	3.9	78.	12.9	.405	5.3
%RSD	.14490	.23833	.56990	1.1709	.19271

#1	2695.8	32757.	2262.1	34.399	2770.2
#2	2694.3	32627.	2258.3	35.065	2765.9
#3	2701.7	32618.	2282.4	34.332	2776.5

Sample Name: CCB05 Acquired: 7/31/2019 17:10:22 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00367	-.00104	-.00148	-.00223	.00138	-.00210	.00134
Stddev	.00139	.00065	.00092	.00230	.00086	.00434	.00060
%RSD	37.790	62.237	61.895	103.22	62.159	206.51	44.514

#1	-.00245	-.00085	-.00113	.00022	.00042	.00290	.00117
#2	-.00518	-.00051	-.00079	-.00256	.00208	-.00430	.00085
#3	-.00338	-.00177	-.00252	-.00434	.00164	-.00491	.00201

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00006	-.01249	.00012	.00007	-.00088	.00169
Stddev	.00010	.00007	.01394	.00066	.00011	.00042	.00055
%RSD	372.42	108.73	111.58	551.28	167.33	48.249	32.460

#1	-.00006	-.00010	-.01743	-.00059	-.00003	-.00085	.00147
#2	.00001	.00002	.00324	.00070	.00019	-.00131	.00232
#3	.00014	-.00010	-.02329	.00025	.00004	-.00047	.00129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00065	.00063	.00099	.03242	.00004	-.00207
Stddev	.00007	.19381	.00047	.00048	.01436	.00017	.00003
%RSD	156.73	30009.	74.527	48.763	44.292	489.68	1.2827

#1	-.00009	.16361	.00011	.00067	.03810	.00005	-.00204
#2	.00004	-.21441	.00103	.00075	.04307	.00020	-.00208
#3	-.00009	.04886	.00074	.00154	.01609	-.00015	-.00209

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07930	.00065	-.01673	F .01664	.00375	-.00157	.00114
Stddev	.05369	.00035	.00631	.00151	.00156	.00094	.00391
%RSD	67.699	53.737	37.687	9.0627	41.708	59.509	344.11

#1	.12400	.00104	-.02056	.01719	.00244	-.00172	.00534
#2	.01975	.00038	-.02019	.01780	.00548	-.00243	-.00239
#3	.09415	.00053	-.00945	.01494	.00333	-.00057	.00045

Sample Name: CCB05 Acquired: 7/31/2019 17:10:22 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.0038	.00024	F 2.7984	F 4.3978
Stddev	.00095	.0009	.00019	.2424	.9026
%RSD	68606.	23.56	79.850	8.6623	20.525

#1	.00076	-.0033	.00027	2.9983	3.3644
#2	-.00106	-.0034	.00003	2.8681	5.0321
#3	.00029	-.0049	.00040	2.5288	4.7968

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2789.2	33815.	2279.6	35.929	3029.3
Stddev	5.3	117.	20.9	1.204	6.2
%RSD	.18942	.34571	.91491	3.3512	.20629

#1	2786.0	33717.	2257.0	37.280	3025.9
#2	2786.2	33783.	2284.0	34.968	3025.6
#3	2795.3	33944.	2298.0	35.539	3036.5

Sample Name: PB121857BS Acquired: 7/31/2019 17:14:52 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72706	1.8932	.92240	1.9022	.76378	1.8163	.19230
Stddev	.00200	.0049	.00338	.0035	.00338	.0134	.00167
%RSD	.27447	.25679	.36647	.18511	.44306	.73715	.87014

#1	.72879	1.8922	.91862	1.8992	.75988	1.8071	.19090
#2	.72753	1.8889	.92345	1.9013	.76552	1.8101	.19185
#3	.72488	1.8985	.92513	1.9060	.76595	1.8316	.19415

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19091	.18328	.98554	.38788	.18890	.30378	2.9930
Stddev	.00035	.00036	.02595	.00075	.00016	.00063	.0025
%RSD	.18189	.19903	2.6328	.19302	.08261	.20825	.08312

#1	.19114	.18287	.95578	.38870	.18888	.30309	2.9902
#2	.19051	.18356	.99744	.38768	.18876	.30433	2.9935
#3	.19109	.18343	1.0034	.38724	.18907	.30392	2.9951

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19659	1.8721	.47295	.08493	2.8454	.28898	.18868
Stddev	.00032	.0551	.00169	.00083	.0455	.00082	.00013
%RSD	.16434	2.9426	.35787	.98103	1.5985	.28249	.06974

#1	.19633	1.9117	.47192	.08557	2.7953	.28867	.18862
#2	.19650	1.8092	.47490	.08523	2.8568	.28837	.18883
#3	.19695	1.8954	.47203	.08399	2.8841	.28991	.18859

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1156	.37926	F .24036	F .00692	.95094	.64865	.19186
Stddev	.1033	.00135	.02027	.00367	.01043	.00080	.00089
%RSD	1.1328	.35718	8.4332	53.073	1.0971	.12397	.46409

#1	9.0665	.37770	.21712	.01001	.96293	.64926	.19282
#2	9.0461	.38017	.24956	.00788	.94394	.64896	.19172
#3	9.2343	.37991	.25439	.00286	.94594	.64774	.19106

Sample Name: PB121857BS Acquired: 7/31/2019 17:14:52 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19531	F 5.544	.19358	F 2.8541	F 1.7078
Stddev	.00315	.010	.00107	.0885	.9131
%RSD	1.6133	.1825	.55081	3.1003	53.469

#1	.19888	5.535	.19329	2.8277	1.8150
#2	.19292	5.542	.19268	2.9528	.74576
#3	.19413	5.555	.19476	2.7818	2.5626

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.4	33747.	2274.7	35.476	3027.2
Stddev	5.3	79.	15.3	.471	8.3
%RSD	.18979	.23415	.67394	1.3265	.27448

#1	2789.7	33781.	2257.1	35.689	3019.6
#2	2800.3	33804.	2285.3	34.936	3036.1
#3	2796.1	33657.	2281.7	35.802	3025.8

Sample Name: K4066-02 Acquired: 7/31/2019 17:19:02 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB8446 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	-.00291	.00086	-.00090	-.00029	.06579	.17760	.00008
Stddev	.00616	.00190	.00059	.00255	.00161	.00740	.00183	.00013
%RSD	3582.3	65.250	68.588	282.78	562.27	11.252	1.0278	161.38

#1	.00625	-.00404	.00143	.00156	-.00212	.06477	.17580	.00019
#2	-.00073	-.00072	.00026	-.00354	.00085	.05896	.17755	.00013
#3	-.00603	-.00397	.00089	-.00072	.00041	.07366	.17945	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	8.8183	.00003	.00031	.00508	.01552	.02989	.81509
Stddev	.00004	.0606	.00036	.00013	.00036	.00029	.00026	.01018
%RSD	29.598	.68764	1088.9	42.978	7.1169	1.8639	.86257	1.2491

#1	.00008	8.7510	.00041	.00035	.00545	.01584	.02966	.81521
#2	.00013	8.8351	-.00031	.00016	.00506	.01527	.02985	.80485
#3	.00016	8.8687	.00000	.00041	.00473	.01546	.03017	.82521

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	.00108	255.50	.00048	.09522	1.0068	-.00003	-.01673
Stddev	.00051	.00075	2.14	.00067	.00025	.0470	.00027	.01494
%RSD	86.623	69.209	.83864	139.21	.26348	4.6677	1051.7	89.266

#1	.00060	.00057	253.03	-.00020	.09538	.95666	-.00033	-.01317
#2	.00008	.00194	256.59	.00115	.09534	1.0498	.00012	-.03313
#3	.00111	.00073	256.88	.00051	.09493	1.0139	.00014	-.00390

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35644	.57209	-.00064	-.00051	-.00171	.0296	.07016	4.8518
Stddev	.00036	.00155	.00023	.00249	.00171	.0014	.00022	.2763
%RSD	.10034	.27017	36.478	492.40	99.814	4.616	.31739	5.6940

#1	.35643	.57353	-.00083	-.00279	-.00173	.0281	.06997	5.1489
#2	.35680	.57046	-.00072	.00215	.00001	.0304	.07009	4.8038
#3	.35608	.57227	-.00038	-.00087	-.00341	.0305	.07040	4.6027

Sample Name: K4066-02 Acquired: 7/31/2019 17:19:02 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSAB8446 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.9485
Stddev	1.3347
%RSD	13.416

#1	10.049
#2	8.5663
#3	11.230

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2671.4	31750.	2257.1	35.387	2777.6
Stddev	7.2	94.	12.4	.350	10.8
%RSD	.27121	.29659	.55041	.98839	.39030

#1	2668.9	31725.	2243.0	35.009	2768.4
#2	2665.7	31854.	2261.6	35.453	2774.9
#3	2679.6	31671.	2266.5	35.699	2789.5

Sample Name: PB121860BS Acquired: 7/31/2019 14:02:16 Type: Unk
Method: P4-ICP2(v3306) 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	.77903	2.0344	1.0326	1.9583	.80438	2.0165	.21436
Stddev	.00770	.0025	.0048	.0094	.00236	.0337	.00272
%RSD	.98810	.12495	.46108	.48023	.29320	1.6708	1.2676

#1	.78574	2.0365	1.0380	1.9689	.80593	1.9799	.21124
#2	.77062	2.0316	1.0309	1.9554	.80555	2.0461	.21565
#3	.78073	2.0351	1.0290	1.9507	.80167	2.0236	.21619

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19912	.19750	1.0913	.43064	.20868	.33572	3.2636
Stddev	.00087	.00063	.0338	.00160	.00016	.00118	.0098
%RSD	.43604	.31767	3.0962	.37236	.07846	.35276	.30115

#1	.19823	.19819	1.1069	.42907	.20859	.33642	3.2646
#2	.19914	.19734	1.0525	.43056	.20857	.33639	3.2533
#3	.19997	.19697	1.1145	.43228	.20886	.33435	3.2728

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21652	2.1106	.51913	.08834	3.5697	.32229	.20677
Stddev	.00116	.0659	.00086	.00148	.0155	.00138	.00077
%RSD	.53560	3.1245	.16505	1.6717	.43325	.42955	.37045

#1	.21618	2.1264	.52011	.08665	3.5591	.32238	.20762
#2	.21558	2.1672	.51877	.08938	3.5874	.32086	.20657
#3	.21782	2.0382	.51851	.08900	3.5625	.32362	.20613

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.357	.41028	.28496	F -.00065	1.0413	.68972	.20241
Stddev	.122	.00059	.00964	.00567	.0026	.00287	.00325
%RSD	1.1750	.14289	3.3830	869.42	.24686	.41580	1.6051

#1	10.247	.41016	.28036	-.00203	1.0434	.69041	.20376
#2	10.487	.41091	.27847	.00558	1.0384	.68657	.20476
#3	10.337	.40976	.29603	-.00551	1.0421	.69218	.19870

Sample Name: PB121860BS Acquired: 7/31/2019 14:02:16 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22395	5.808	.21510	F 3.4232	F<.00000
Stddev	.00156	.010	.00070	.0919	1.3110
%RSD	.69597	.1752	.32413	2.6832	293.61

#1	.22348	5.802	.21500	3.4718	-1.1285
#2	.22569	5.820	.21584	3.3173	-1.2759
#3	.22268	5.802	.21446	3.4806	1.0649

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2672.7	32813.	2204.5	34.820	2891.1
Stddev	5.3	171.	16.4	.493	4.7
%RSD	.19756	.52083	.74346	1.4151	.16287

#1	2673.1	32699.	2186.7	34.255	2893.0
#2	2667.3	33009.	2218.9	35.155	2885.7
#3	2677.8	32730.	2207.8	35.052	2894.5

Sample Name: K3621-07 Acquired: 7/31/2019 14:14:40 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OK-01-072919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02812	-.06970	.51039	.04160	.00666	169.11	.82788
Stddev	.00461	.00302	.00151	.00372	.00111	.81	.00343
%RSD	16.404	4.3399	.29655	8.9483	16.641	.48180	.41411

#1	.02676	-.07218	.51214	.03754	.00751	168.21	.82417
#2	.02433	-.06633	.50962	.04486	.00707	169.33	.83093
#3	.03325	-.07059	.50942	.04241	.00541	169.80	.82853

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00943	.00416	57.088	.25383	.22384	.71546	304.93
Stddev	.00010	.00038	.198	.00287	.00038	.00470	.71
%RSD	1.0764	9.1142	.34765	1.1302	.17012	.65730	.23137

#1	.00950	.00383	56.886	.25712	.22428	.71265	305.52
#2	.00931	.00408	57.094	.25245	.22361	.72089	304.15
#3	.00948	.00457	57.283	.25191	.22363	.71285	305.13

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1667	76.106	.34444	1.4902	13.757	.44638	.90961
Stddev	.0243	.461	.00202	.0036	.089	.00375	.00176
%RSD	.33901	.60619	.58771	.24397	.64938	.83912	.19327

#1	7.1918	75.589	.34254	1.4935	13.667	.44828	.90896
#2	7.1647	76.254	.34657	1.4863	13.846	.44880	.90827
#3	7.1434	76.475	.34419	1.4908	13.760	.44207	.91160

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.199	.00262	-.02855	4.0876	F 17.388	.03239	5.5582
Stddev	.055	.00068	.04026	.0270	.049	.00097	.0234
%RSD	.38581	26.050	141.02	.66127	.28058	2.9964	.42193

#1	14.139	.00202	.01689	4.1169	17.432	.03236	5.5312
#2	14.209	.00247	-.05978	4.0822	17.335	.03143	5.5702
#3	14.247	.00336	-.04277	4.0636	17.397	.03338	5.5733

Sample Name: K3621-07 Acquired: 7/31/2019 14:14:40 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OK-01-072919 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24975	9.031	-.19387	<.00000	F<.00000
Stddev	.00225	.017	.00114	.11035	1.6748
%RSD	.90040	.1930	.58767	3.5297	5.3097

#1	.25211	9.043	-.19499	-3.2150	-29.682
#2	.24763	9.039	-.19271	-3.1615	-32.017
#3	.24950	9.011	-.19389	-3.0028	-32.929

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3256.1	38949.	2757.2	34.476	2647.9
Stddev	15.9	93.	21.7	1.224	2.7
%RSD	.48810	.23934	.78608	3.5489	.10346

#1	3268.2	38852.	2732.3	33.064	2645.2
#2	3238.1	38959.	2770.9	35.226	2650.7
#3	3262.1	39038.	2768.6	35.138	2647.8

Sample Name: K3621-07DUP Acquired: 7/31/2019 14:19:13 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OK-01-072919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03000	-.07004	.51599	.04176	.00475	170.78	.84734
Stddev	.00242	.00153	.00306	.00504	.00450	.50	.00163
%RSD	8.0733	2.1849	.59255	12.061	94.649	.29346	.19216

#1	.03035	-.06952	.51698	.03911	.00662	170.96	.84546
#2	.03222	-.07177	.51843	.03860	-.00038	171.16	.84821
#3	.02742	-.06885	.51256	.04757	.00801	170.21	.84834

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00980	.00422	57.546	.24693	.22325	.71718	307.10
Stddev	.00043	.00023	.254	.00267	.00061	.00120	1.03
%RSD	4.3561	5.5465	.44190	1.0799	.27423	.16742	.33481

#1	.01028	.00425	57.284	.24505	.22393	.71617	308.17
#2	.00966	.00397	57.792	.24998	.22274	.71851	307.01
#3	.00946	.00444	57.561	.24574	.22307	.71686	306.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4373	75.876	.34527	1.5011	13.754	.44449	.92231
Stddev	.0233	.143	.00024	.0048	.043	.00266	.00129
%RSD	.31402	.18908	.06834	.32243	.31075	.59789	.14000

#1	7.4520	76.033	.34526	1.5059	13.735	.44689	.92099
#2	7.4495	75.842	.34551	1.5010	13.803	.44494	.92357
#3	7.4104	75.752	.34504	1.4962	13.725	.44164	.92238

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.940	.00233	-.00911	4.3071	F 17.523	.03354	5.5095
Stddev	.096	.00034	.00930	.0228	.047	.00105	.0121
%RSD	.68857	14.415	102.08	.53045	.27096	3.1377	.21862

#1	14.027	.00195	-.00123	4.3335	17.574	.03232	5.4961
#2	13.956	.00256	-.00673	4.2950	17.517	.03407	5.5128
#3	13.837	.00249	-.01936	4.2929	17.479	.03421	5.5195

Sample Name: K3621-07DUP Acquired: 7/31/2019 14:19:13 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OK-01-072919 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25389	8.986	-.19494	<.00000	F<.00000
Stddev	.00111	.012	.00106	.09969	1.0466
%RSD	.43527	.1358	.54272	2.8797	3.2860
#1	.25292	8.997	-.19595	-3.5350	-31.035
#2	.25365	8.987	-.19505	-3.3482	-31.484
#3	.25510	8.973	-.19384	-3.5020	-33.030
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3253.0	38714.	2719.8	33.870	2631.3
Stddev	15.7	137.	14.1	.774	7.9
%RSD	.48141	.35459	.51962	2.2841	.30071
#1	3260.8	38656.	2724.7	34.536	2634.6
#2	3235.0	38616.	2703.9	34.052	2622.3
#3	3263.2	38871.	2730.9	33.021	2637.1

Sample Name: K3621-07LX5 Acquired: 7/31/2019 14:23:46 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00480	-.01566	.10310	.01175	.00040	40.936	.20038	.00145
Stddev	.00440	.00154	.00078	.00470	.00052	.195	.00118	.00008
%RSD	91.718	9.8419	.76106	40.005	129.25	.47661	.58798	5.5015

#1	.00759	-.01571	.10399	.01714	-.00020	40.946	.20162	.00154
#2	-.00028	-.01410	.10279	.00959	.00074	41.126	.20026	.00138
#3	.00709	-.01718	.10251	.00851	.00066	40.736	.19927	.00142

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00207	14.183	.06294	.04613	.18125	84.773	1.8357	18.589
Stddev	.00014	.051	.00052	.00041	.00094	.246	.0083	.269
%RSD	6.9445	.36017	.82004	.89376	.51763	.28965	.45098	1.4490

#1	-.00193	14.149	.06304	.04590	.18206	84.888	1.8422	18.678
#2	-.00221	14.160	.06340	.04661	.18022	84.939	1.8386	18.802
#3	-.00206	14.242	.06238	.04588	.18146	84.491	1.8264	18.286

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07032	.41659	3.2137	.10976	.17525	3.3899	-.00014	-.01197
Stddev	.00042	.00122	.0231	.00035	.00057	.0709	.00016	.02018
%RSD	.60237	.29170	.71971	.32009	.32337	2.0912	115.83	168.55

#1	.06995	.41626	3.1955	.11013	.17513	3.4556	-.00030	-.03152
#2	.07078	.41794	3.2397	.10943	.17586	3.3994	-.00014	.00879
#3	.07021	.41557	3.2058	.10972	.17475	3.3148	.00002	-.01319

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84520	5.8577	.00426	1.5038	.05933	1.861	-.05795	2.2312
Stddev	.00200	.0078	.00127	.0122	.00388	.002	.00056	.1430
%RSD	.23685	.13287	29.806	.80845	6.5324	.0853	.96926	6.4077

#1	.84518	5.8655	.00402	1.4953	.05671	1.863	-.05841	2.1035
#2	.84721	5.8499	.00313	1.4983	.06378	1.862	-.05811	2.2045
#3	.84321	5.8578	.00563	1.5177	.05750	1.860	-.05732	2.3857

Sample Name: K3621-07LX5 Acquired: 7/31/2019 14:23:46 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.7764
Stddev 1.6246
%RSD 91.456

#1 1.0001
#2 .68553
#3 3.6435

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2846.7	34083.	2320.8	34.383	2840.3
Stddev	9.4	150.	23.1	1.368	11.8
%RSD	.33074	.43905	.99380	3.9790	.41517

#1	2837.9	33957.	2314.7	34.143	2829.6
#2	2845.4	34044.	2346.3	35.855	2838.5
#3	2856.6	34249.	2301.4	33.150	2852.9

Sample Name: K3621-07MS Acquired: 7/31/2019 14:28:15 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OK-01-072919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68932	2.0244	1.5523	1.7267	.70104	166.28	.98845
Stddev	.00190	.0164	.0109	.0117	.00158	.46	.00515
%RSD	.27519	.81214	.69958	.67594	.22542	.27617	.52071

#1	.68907	2.0299	1.5610	1.7348	.70017	165.75	.98459
#2	.68756	2.0374	1.5557	1.7319	.70287	166.51	.99429
#3	.69133	2.0059	1.5401	1.7133	.70009	166.57	.98647

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18513	.21146	56.903	.59184	.43392	.95688	303.28
Stddev	.00065	.00134	.115	.00126	.00290	.00656	1.72
%RSD	.35306	.63574	.20123	.21256	.66800	.68548	.56636

#1	.18546	.21202	56.777	.59182	.43497	.95858	301.74
#2	.18555	.21243	57.001	.59059	.43615	.96242	302.97
#3	.18438	.20992	56.930	.59311	.43065	.94964	305.13

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2346	75.514	.86535	1.5460	16.038	.69594	1.1088
Stddev	.0308	.484	.00519	.0086	.092	.00107	.0096
%RSD	.42570	.64110	.59984	.55958	.57531	.15333	.86382

#1	7.2003	75.504	.86900	1.5385	15.973	.69632	1.1142
#2	7.2599	76.003	.86764	1.5439	16.143	.69676	1.1145
#3	7.2435	75.035	.85941	1.5555	15.996	.69473	1.0978

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.493	.34390	.23880	4.0528	F 17.192	.79047	5.5387
Stddev	.081	.00206	.02231	.0182	.092	.00457	.0588
%RSD	.35897	.59876	9.3424	.44801	.53255	.57760	1.0615

#1	22.462	.34561	.25119	4.0606	17.126	.79489	5.4807
#2	22.433	.34447	.21305	4.0657	17.154	.79077	5.5370
#3	22.585	.34161	.25217	4.0320	17.297	.78577	5.5983

Sample Name: K3621-07MS Acquired: 7/31/2019 14:28:15 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OK-01-072919 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.43273	F 15.31	-.01533	<.00000	F<.00000
Stddev	.00516	.13	.00047	.22416	1.0780
%RSD	1.1933	.8393	3.0748	9.3571	3.3929

#1	.43029	15.37	-.01574	-2.4653	-31.496
#2	.42923	15.40	-.01481	-2.1449	-30.858
#3	.43866	15.16	-.01543	-2.5766	-32.961

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3238.0	38704.	2706.1	33.852	2632.9
Stddev	10.9	79.	7.4	1.753	12.6
%RSD	.33723	.20319	.27340	5.1773	.47963

#1	3234.3	38727.	2699.8	32.230	2627.0
#2	3229.5	38616.	2714.2	33.615	2624.4
#3	3250.3	38768.	2704.1	35.711	2647.5

Sample Name: K3621-07MSD Acquired: 7/31/2019 14:32:44 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OK-01-072919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68114	1.9898	1.5311	1.7006	.68879	166.85	.98749
Stddev	.00463	.0056	.0049	.0097	.00411	.65	.00228
%RSD	.67925	.28235	.31857	.56820	.59610	.39158	.23049

#1	.68010	1.9837	1.5294	1.7026	.68952	166.34	.98651
#2	.67712	1.9947	1.5273	1.7092	.68437	166.61	.98586
#3	.68619	1.9910	1.5366	1.6902	.69248	167.58	.99009

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18214	.20847	57.084	.58060	.43039	.95304	301.54
Stddev	.00019	.00031	.223	.00150	.00048	.00215	.79
%RSD	.10319	.14668	.39039	.25818	.11057	.22602	.26360

#1	.18234	.20828	57.084	.58188	.43093	.95077	301.01
#2	.18196	.20832	57.307	.58096	.43008	.95506	301.16
#3	.18213	.20883	56.861	.57895	.43015	.95328	302.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2407	75.995	.85534	1.5356	16.045	.68663	1.1081
Stddev	.0498	.274	.00178	.0039	.058	.00254	.0020
%RSD	.68726	.36110	.20867	.25129	.35885	.37020	.17755

#1	7.1934	75.809	.85530	1.5331	16.009	.68834	1.1071
#2	7.2361	75.865	.85357	1.5338	16.014	.68785	1.1104
#3	7.2926	76.310	.85714	1.5401	16.111	.68371	1.1069

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.235	.33864	.22299	4.0810	F 17.084	.77393	5.5424
Stddev	.199	.00053	.03950	.0053	.029	.00166	.0183
%RSD	.89518	.15585	17.716	.13023	.16683	.21510	.33037

#1	22.133	.33849	.20957	4.0761	17.062	.77361	5.5353
#2	22.108	.33820	.19193	4.0804	17.073	.77245	5.5632
#3	22.465	.33923	.26745	4.0866	17.116	.77573	5.5287

Sample Name: K3621-07MSD Acquired: 7/31/2019 14:32:44 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: OK-01-072919 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.42683	F 15.23	-.01653	<.00000	F<.00000
Stddev	.00293	.02	.00183	.31660	1.2836
%RSD	.68729	.1047	11.042	12.972	3.9874

#1	.42577	15.23	-.01575	-2.1672	-32.563
#2	.43014	15.22	-.01523	-2.3671	-33.247
#3	.42457	15.25	-.01862	-2.7875	-30.762

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3234.6	38714.	2701.8	32.780	2631.8
Stddev	13.1	87.	20.5	1.970	8.2
%RSD	.40617	.22425	.76029	6.0098	.31286

#1	3242.3	38666.	2690.4	34.391	2635.7
#2	3219.4	38814.	2689.5	30.584	2622.3
#3	3242.0	38661.	2725.5	33.366	2637.3

Sample Name: PB121846BS Acquired: 7/31/2019 14:43:27 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77530	2.0092	.98712	2.0358	.81480	1.9135	.20572
Stddev	.00552	.0052	.00375	.0052	.00471	.0289	.00070
%RSD	.71233	.25836	.38037	.25584	.57849	1.5079	.34034

#1	.76951	2.0144	.99137	2.0323	.81955	1.9016	.20492
#2	.78051	2.0093	.98570	2.0333	.81473	1.9464	.20607
#3	.77588	2.0040	.98427	2.0418	.81013	1.8925	.20618

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20410	.19656	1.0292	.41557	.20323	.32484	3.1978
Stddev	.00100	.00080	.0122	.00228	.00054	.00113	.0052
%RSD	.49220	.40803	1.1826	.54946	.26699	.34873	.16266

#1	.20300	.19590	1.0153	.41381	.20384	.32494	3.1995
#2	.20434	.19745	1.0341	.41815	.20307	.32592	3.2019
#3	.20496	.19631	1.0381	.41474	.20279	.32366	3.1920

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20864	2.1417	.50664	.08938	3.0108	.31077	.20109
Stddev	.00039	.0193	.00266	.00059	.0228	.00130	.00031
%RSD	.18742	.90208	.52522	.65703	.75762	.41851	.15238

#1	.20908	2.1497	.50944	.08875	2.9849	.30962	.20085
#2	.20835	2.1558	.50635	.08949	3.0280	.31219	.20144
#3	.20849	2.1197	.50414	.08990	3.0195	.31052	.20099

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6553	.40481	.30147	F -.00062	1.0120	.69524	.20438
Stddev	.0783	.00046	.00654	.00367	.0101	.00131	.00096
%RSD	.81141	.11245	2.1678	591.82	1.0015	.18826	.47040

#1	9.6043	.40455	.30312	.00359	1.0143	.69412	.20392
#2	9.7455	.40534	.30702	-.00236	1.0008	.69492	.20549
#3	9.6161	.40455	.29427	-.00310	1.0207	.69668	.20374

Sample Name: PB121846BS Acquired: 7/31/2019 14:43:27 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SP-3 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21116	5.873	.20726	F 3.9061	F 2.5243
Stddev	.00406	.020	.00152	.2175	1.8038
%RSD	1.9224	.3331	.73448	5.5672	71.458

#1	.20894	5.871	.20581	3.7521	.73947
#2	.21585	5.893	.20884	4.1549	4.3465
#3	.20870	5.854	.20714	3.8114	2.4870

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2723.6	32853.	2209.0	34.600	2944.1
Stddev	7.7	189.	6.8	1.491	9.5
%RSD	.28134	.57594	.30629	4.3082	.32127

#1	2717.6	32786.	2206.4	33.652	2934.1
#2	2721.0	32706.	2203.9	36.318	2945.3
#3	2732.3	33066.	2216.7	33.830	2952.8

Sample Name: CCV02 Acquired: 7/31/2019 14:47:34 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15308 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0006	4.9942	4.9694	5.0465	4.9937	9.6979	10.033	.25233	2.4658
Stddev	.0063	.0129	.0109	.0097	.0018	.0797	.034	.00035	.0031
%RSD	.12506	.25823	.21988	.19257	.03638	.82227	.33701	.13949	.12651

#1	4.9935	4.9972	4.9695	5.0383	4.9920	9.6191	9.9946	.25240	2.4630
#2	5.0055	4.9800	4.9584	5.0438	4.9956	9.7786	10.058	.25195	2.4652
#3	5.0028	5.0053	4.9802	5.0572	4.9934	9.6962	10.047	.25264	2.4692

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.055	.99528	2.4900	1.2580	5.0344	2.4387	25.019	2.4709	1.2474
Stddev	.140	.00495	.0016	.0016	.0040	.0054	.229	.0022	.0008
%RSD	.55688	.49710	.06518	.12422	.07929	.22223	.91513	.08912	.06744

#1	24.975	.99081	2.4904	1.2572	5.0342	2.4423	25.013	2.4698	1.2465
#2	24.975	.99442	2.4882	1.2570	5.0306	2.4325	25.250	2.4735	1.2479
#3	25.216	1.0006	2.4913	1.2598	5.0385	2.4414	24.792	2.4695	1.2479

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.891	2.4958	2.4860	24.087	4.9769	4.8095	4.9896	4.8541	4.9782
Stddev	.090	.0022	.0016	.249	.0051	.0478	.0031	.0721	.0031
%RSD	.36304	.08739	.06519	1.0329	.10249	.99356	.06255	1.4858	.06165

#1	24.810	2.4948	2.4870	23.834	4.9716	4.7584	4.9930	4.8466	4.9752
#2	24.988	2.4943	2.4842	24.332	4.9773	4.8532	4.9887	4.7860	4.9813
#3	24.875	2.4983	2.4870	24.094	4.9818	4.8167	4.9870	4.9297	4.9782

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	4.9693	4.7934	5.116	5.0184	5.1162	5.4339			
Stddev	.0317	.0736	.007	.0547	.0317	.5662			
%RSD	.63709	1.5344	.1319	1.0893	.61939	10.420			

#1	4.9585	4.7715	5.123	5.0135	5.0815	4.8037			
#2	4.9444	4.7334	5.109	4.9664	5.1234	5.8999			
#3	5.0049	4.8755	5.117	5.0754	5.1436	5.5982			

Sample Name: CCV02 Acquired: 7/31/2019 14:47:34 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15308 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2656.4	31989.	2212.4	34.511	2722.1
Stddev	.5	63.	27.6	.932	1.9
%RSD	.01872	.19811	1.2482	2.7003	.06812
#1	2656.3	31924.	2203.5	35.009	2724.0
#2	2656.0	32050.	2243.4	33.436	2720.3
#3	2656.9	31992.	2190.4	35.089	2722.0

Sample Name: CCB02 Acquired: 7/31/2019 14:51:33 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB15308 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00156	.00087	.00061	.00265	.00106	-.01116	.00114
Stddev	.00060	.00098	.00092	.00306	.00070	.00900	.00057
%RSD	38.630	113.24	149.61	115.40	66.644	80.607	50.372

#1	-.00224	-.00024	.00157	.00571	.00175	-.01475	.00064
#2	-.00131	.00122	-.00026	.00262	.00107	-.01781	.00176
#3	-.00112	.00162	.00054	-.00040	.00034	-.00092	.00101

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00002	.01475	.00004	-.00008	-.00006	.00078
Stddev	.00008	.00007	.03415	.00081	.00012	.00056	.00110
%RSD	200.03	367.18	231.53	1854.9	153.51	1003.3	141.41

#1	-.00005	.00002	.04903	.00080	-.00022	-.00061	.00178
#2	.00009	-.00010	.01449	-.00081	-.00000	.00051	-.00041
#3	.00009	.00002	-.01927	.00014	-.00001	-.00007	.00097

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.04564	.00048	.00083	-.03503	.00001	-.00165
Stddev	.00007	.03844	.00010	.00079	.00223	.00080	.00012
%RSD	129.25	84.218	20.486	95.891	6.3712	9301.5	7.0507

#1	-.00004	-.08665	.00051	.00152	-.03679	-.00091	-.00155
#2	-.00013	-.03985	.00056	-.00004	-.03252	.00042	-.00178
#3	.00001	-.01043	.00037	.00099	-.03578	.00052	-.00163

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03217	.00027	-.02574	-.00080	-.00029	-.00053	.00041
Stddev	.06051	.00022	.02447	.00624	.00210	.00057	.00227
%RSD	188.11	81.887	95.069	779.57	733.51	108.61	554.90

#1	-.10046	.00006	-.01732	.00014	-.00186	-.00102	-.00156
#2	-.01082	.00051	-.00660	.00492	-.00110	.00010	-.00009
#3	.01478	.00024	-.05332	-.00746	.00210	-.00066	.00288

Sample Name: CCB02 Acquired: 7/31/2019 14:51:33 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB15308 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00316	-.0019	.00019	F 3.4535	F 4.2811
Stddev	.00096	.0022	.00009	.0242	.1853
%RSD	30.516	119.6	47.199	.69956	4.3284

#1	-.00363	-.0014	.00012	3.4788	4.1725
#2	-.00379	-.0043	.00015	3.4307	4.4951
#3	-.00205	.0001	.00028	3.4510	4.1758

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2738.7	33132.	2244.6	34.670	2970.6
Stddev	4.9	143.	9.9	2.411	5.0
%RSD	.17974	.43168	.44198	6.9548	.16946

#1	2741.6	33054.	2245.0	34.909	2973.8
#2	2733.0	33046.	2254.4	36.952	2964.8
#3	2741.5	33298.	2234.5	32.148	2973.1

Sample Name: K3621-07A Acquired: 7/31/2019 14:56:02 Type: Unk
Method: P4-ICP2(v3306) 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	.69300	2.0259	1.5509	1.7262	.69665	167.11	.99322
Stddev	.00233	.0054	.0025	.0105	.00385	.79	.00336
%RSD	.33553	.26677	.15979	.60773	.55234	.47338	.33849

#1	.69043	2.0236	1.5530	1.7156	.70106	166.20	.98959
#2	.69495	2.0221	1.5516	1.7262	.69491	167.62	.99383
#3	.69362	2.0321	1.5482	1.7366	.69399	167.50	.99623

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18433	.21149	57.561	.58821	.43510	.95980	302.57
Stddev	.00058	.00036	.209	.00213	.00023	.00128	1.63
%RSD	.31599	.17007	.36307	.36275	.05335	.13310	.53999

#1	.18409	.21182	57.535	.59023	.43537	.96120	300.72
#2	.18500	.21153	57.782	.58840	.43499	.95951	303.22
#3	.18391	.21111	57.367	.58598	.43494	.95870	303.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2789	76.121	.86783	1.5415	16.101	.69500	1.1161
Stddev	.0417	.173	.00070	.0089	.040	.00130	.0024
%RSD	.57263	.22732	.08016	.57571	.24603	.18651	.21359

#1	7.2361	76.290	.86716	1.5314	16.057	.69616	1.1185
#2	7.2813	75.944	.86855	1.5447	16.112	.69523	1.1137
#3	7.3194	76.129	.86777	1.5483	16.134	.69360	1.1162

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.372	.34462	.22437	4.1001	F 17.151	.78834	5.5709
Stddev	.023	.00136	.00275	.0082	.072	.00279	.0473
%RSD	.10257	.39503	1.2258	.19905	.41999	.35423	.84838

#1	22.352	.34554	.22291	4.1060	17.068	.78594	5.5221
#2	22.397	.34306	.22264	4.0908	17.188	.78768	5.6165
#3	22.366	.34526	.22754	4.1035	17.197	.79141	5.5742

Sample Name: K3621-07A Acquired: 7/31/2019 14:56:02 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.43136	F 15.45	-.01427	<.00000	F<.00000
Stddev	.00252	.01	.00158	.24195	1.2535
%RSD	.58312	.0920	11.078	10.377	3.7922

#1	.42902	15.45	-.01477	-2.4218	-34.487
#2	.43402	15.44	-.01250	-2.0575	-32.533
#3	.43105	15.47	-.01554	-2.5155	-32.149

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3239.4	38781.	2707.0	33.688	2630.4
Stddev	9.1	90.	13.2	1.629	4.6
%RSD	.28119	.23205	.48870	4.8352	.17510

#1	3231.5	38885.	2704.8	32.181	2625.7
#2	3249.4	38722.	2695.1	35.416	2634.9
#3	3237.4	38737.	2721.2	33.466	2630.6

Sample Name: K4049-03DLX10 Acquired: 7/31/2019 15:00:32 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03147	-.00598	6.8015	.01317	.06763	12.421	.57784	.00077
Stddev	.00158	.00245	.0156	.00026	.00240	.120	.00360	.00009
%RSD	5.0275	40.892	.22992	1.9631	3.5456	.96667	.62369	11.746

#1	.02968	-.00646	6.7981	.01288	.06486	12.393	.57461	.00068
#2	.03267	-.00333	6.8186	.01328	.06893	12.318	.57719	.00076
#3	.03206	-.00816	6.7878	.01337	.06910	12.553	.58173	.00086

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01254	43.325	.06989	.01389	2.9054	57.101	.51224	4.9240
Stddev	.00010	.195	.00027	.00043	.0090	.053	.00147	.0450
%RSD	.81130	.44981	.37922	3.1041	.31028	.09246	.28756	.91300

#1	.01251	43.371	.06998	.01417	2.9125	57.159	.51109	4.8748
#2	.01265	43.112	.07011	.01339	2.9084	57.055	.51172	4.9344
#3	.01245	43.493	.06960	.01410	2.8952	57.091	.51390	4.9629

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03931	.28584	.96059	.04192	14.789	1.4711	.00136	.00529
Stddev	.00075	.00070	.01833	.00048	.050	.0479	.00024	.02052
%RSD	1.8990	.24361	1.9081	1.1563	.33719	3.2571	17.928	388.26

#1	.03956	.28659	.94306	.04241	14.812	1.4682	.00109	-.01002
#2	.03989	.28521	.95909	.04191	14.824	1.5204	.00154	.02861
#3	.03847	.28573	.97962	.04145	14.732	1.4247	.00146	-.00274

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2727	3.2504	2.2201	.32392	.01443	1.482	.18586	4.0049
Stddev	.0035	.0068	.0059	.00225	.00246	.004	.00082	.1318
%RSD	.27692	.20818	.26708	.69442	17.059	.2897	.44235	3.2913

#1	1.2749	3.2579	2.2156	.32369	.01693	1.477	.18550	4.0123
#2	1.2747	3.2447	2.2268	.32180	.01201	1.486	.18529	4.1329
#3	1.2687	3.2487	2.2179	.32628	.01436	1.482	.18680	3.8696

Sample Name: K4049-03DLX10 Acquired: 7/31/2019 15:00:32 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.3790
Stddev .9884
%RSD 41.549

#1 1.5321
#2 3.4651
#3 2.1396

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2736.8	33237.	2271.7	34.483	2861.4
Stddev	12.8	94.	9.8	.982	11.5
%RSD	.46774	.28164	.43026	2.8483	.40116

#1	2724.8	33150.	2260.7	35.100	2853.3
#2	2735.4	33336.	2279.4	33.350	2856.3
#3	2750.3	33225.	2275.1	34.998	2874.5

Sample Name: K4011-03DLX10 Acquired: 7/31/2019 15:04:50 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04439	-.01411	.01008	.00594	-.00205	22.716	.20973	.00098
Stddev	.00160	.00150	.00059	.00225	.00238	.260	.00125	.00006
%RSD	3.5954	10.652	5.8071	37.900	115.87	1.1432	.59370	6.3628

#1	.04276	-.01366	.01046	.00337	-.00267	22.418	.20853	.00105
#2	.04446	-.01579	.01037	.00755	.00057	22.834	.21101	.00092
#3	.04595	-.01289	.00941	.00690	-.00406	22.896	.20965	.00097

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00108	271.89	.02561	.01298	.06383	43.512	2.5450	66.689
Stddev	.00008	1.28	.00033	.00037	.00042	.099	.0040	.941
%RSD	7.6497	.46927	1.2932	2.8831	.65464	.22730	.15879	1.4118

#1	-.00104	270.86	.02596	.01274	.06425	43.625	2.5411	65.764
#2	-.00103	273.32	.02529	.01279	.06341	43.471	2.5492	67.646
#3	-.00118	271.49	.02559	.01341	.06382	43.441	2.5447	66.656

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01988	.21385	.56490	.03596	.21963	2.5095	.00020	.02020
Stddev	.00042	.00139	.00519	.00007	.00064	.0241	.00042	.01628
%RSD	2.0895	.65043	.91808	.20803	.29296	.96035	211.77	80.565

#1	.02032	.21484	.55898	.03602	.22008	2.5340	.00059	.00682
#2	.01983	.21226	.56708	.03598	.21993	2.5086	-.00024	.01546
#3	.01950	.21444	.56864	.03588	.21890	2.4858	.00024	.03832

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8168	2.5977	-.00021	.82847	.04598	1.284	.89514	4.7554
Stddev	.0269	.0077	.00167	.00429	.00385	.007	.00459	.2059
%RSD	.46208	.29496	814.79	.51757	8.3714	.5108	.51309	4.3297

#1	5.8457	2.6065	.00166	.82656	.04170	1.291	.89188	4.9905
#2	5.7925	2.5943	-.00071	.83338	.04915	1.284	.90039	4.6689
#3	5.8123	2.5924	-.00157	.82548	.04709	1.278	.89315	4.6069

Sample Name: K4011-03DLX10 Acquired: 7/31/2019 15:04:50 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.6768
Stddev .9657
%RSD 26.263

#1 3.7906
#2 4.5806
#3 2.6593

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2639.8	31600.	2223.4	32.020	2625.0
Stddev	.7	90.	17.1	.737	4.9
%RSD	.02478	.28484	.76800	2.3028	.18719

#1	2640.0	31559.	2208.5	32.714	2620.1
#2	2639.0	31537.	2219.6	31.245	2625.1
#3	2640.3	31703.	2242.0	32.099	2629.9

Sample Name: PB121846BL Acquired: 7/31/2019 15:09:11 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB121846BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	.00011	-.00037	-.00059	-.00085	-.00998	.00066
Stddev	.00099	.00115	.00153	.00452	.00104	.01565	.00076
%RSD	147.88	1046.8	416.76	767.70	122.66	156.77	114.29

#1	.00018	.00142	.00070	.00214	-.00051	-.00448	.00152
#2	-.00044	-.00071	-.00212	.00190	-.00002	.00217	.00037
#3	-.00176	-.00038	.00032	-.00581	-.00202	-.02764	.00009

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00011	-.00807	.00019	.00009	-.00029	.00079
Stddev	.00004	.00014	.01846	.00048	.00014	.00056	.00073
%RSD	73.260	121.33	228.84	248.21	161.17	195.13	92.289

#1	.00008	.00001	.01090	.00022	.00016	.00013	.00106
#2	.00001	-.00009	-.00914	.00066	.00019	-.00007	.00134
#3	.00007	-.00026	-.02597	-.00030	-.00008	-.00092	-.00004

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.05738	.00025	.00093	-.06214	.00066	-.00112
Stddev	.00004	.10935	.00024	.00058	.01131	.00006	.00017
%RSD	209.28	190.56	97.060	62.160	18.195	9.4667	14.737

#1	.00006	.18173	.00029	.00142	-.06915	.00069	-.00098
#2	-.00002	-.02378	.00046	.00106	-.04910	.00059	-.00109
#3	.00002	.01421	-.00001	.00030	-.06818	.00070	-.00130

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01446	-.00040	-.01551	.00368	-.00189	-.00174	-.00089
Stddev	.02942	.00046	.00371	.00289	.00503	.00140	.00149
%RSD	203.39	114.45	23.911	78.404	266.95	80.187	167.98

#1	-.04073	-.00013	-.01746	.00228	-.00099	-.00175	.00002
#2	-.01999	-.00092	-.01783	.00177	.00264	-.00314	-.00261
#3	.01732	-.00014	-.01123	.00701	-.00731	-.00034	-.00007

Sample Name: PB121846BL Acquired: 7/31/2019 15:09:11 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB121846BL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00249	-.0018	.00023	F 3.3385	F 5.2699
Stddev	.00152	.0025	.00005	.3145	1.4157
%RSD	60.857	136.2	23.805	9.4196	26.863

#1	-.00422	-.0046	.00017	3.6211	6.0167
#2	-.00190	-.0010	.00027	3.3948	6.1558
#3	-.00136	.0001	.00025	2.9997	3.6372

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2735.9	33255.	2231.2	35.231	2959.0
Stddev	1.8	202.	15.7	.660	1.6
%RSD	.06526	.60748	.70162	1.8742	.05303

#1	2733.8	33150.	2219.2	35.141	2959.9
#2	2737.0	33128.	2248.9	34.620	2960.0
#3	2736.7	33488.	2225.4	35.932	2957.2

Sample Name: PB121860BL Acquired: 7/31/2019 15:13:38 Type: Unk
Method: P4-ICP2(v3306) 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	-.00157	-.00252	-.00021	-.00159	-.00038	-.02553	.00106
Stddev	.00479	.00201	.00088	.00380	.00223	.02570	.00120
%RSD	306.12	79.725	426.51	238.44	588.06	100.63	113.33

#1	-.00541	-.00470	-.00026	.00123	.00049	-.02738	-.00009
#2	-.00308	-.00075	-.00106	-.00592	.00128	.00103	.00229
#3	.00380	-.00210	.00070	-.00009	-.00291	-.05026	.00097

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00003	-.03499	-.00011	.00037	-.00046	.00019
Stddev	.00007	.00012	.03026	.00047	.00034	.00010	.00032
%RSD	837.00	409.34	86.482	410.19	91.637	22.287	165.09

#1	.00005	.00010	-.05149	-.00027	.00075	-.00048	.00030
#2	-.00008	-.00007	-.00007	-.00049	.00028	-.00054	-.00016
#3	.00005	-.00012	-.05343	.00041	.00008	-.00035	.00044

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.06279	.00017	.00113	-.07386	-.00017	-.00162
Stddev	.00008	.05641	.00019	.00035	.02352	.00061	.00010
%RSD	81.260	89.835	111.15	30.785	31.847	362.20	6.3285

#1	-.00003	.08046	.00037	.00105	-.06823	-.00086	-.00153
#2	-.00008	-.00033	.00013	.00150	-.09968	.00030	-.00173
#3	-.00018	.10826	.00001	.00082	-.05365	.00006	-.00159

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00208	-.00023	-.02897	.00050	.00129	-.00232	-.00288
Stddev	.04283	.00041	.01245	.00506	.00524	.00108	.00176
%RSD	2058.3	177.77	42.979	1007.8	407.39	46.553	61.192

#1	.04669	-.00047	-.04241	-.00192	-.00267	-.00222	-.00258
#2	-.01938	.00025	-.02666	-.00289	.00722	-.00130	-.00478
#3	-.03355	-.00047	-.01783	.00632	-.00069	-.00345	-.00129

Sample Name: PB121860BL Acquired: 7/31/2019 15:13:38 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00482	-.0040	.00011	F 3.5843	F 4.1512
Stddev	.00203	.0008	.00024	.0785	1.3906
%RSD	42.123	20.10	208.52	2.1889	33.498

#1	-.00644	-.0037	-.00014	3.5063	5.6165
#2	-.00254	-.0048	.00033	3.6632	2.8500
#3	-.00548	-.0033	.00015	3.5835	3.9870

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2734.1	33002.	2222.0	33.615	2959.9
Stddev	6.9	18.	35.6	1.160	7.0
%RSD	.25316	.05430	1.6035	3.4499	.23559

#1	2732.4	32983.	2184.9	32.802	2962.3
#2	2741.7	33004.	2225.2	33.100	2965.4
#3	2728.2	33018.	2256.0	34.943	2952.1

Sample Name: PB121857BL Acquired: 7/31/2019 15:18:06 Type: Unk
Method: P4-ICP2(v3306) 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	-.00049	-.00041	-.00130	.00073	-.00132	-.01385	.00155
Stddev	.00670	.00137	.00230	.00166	.00283	.01187	.00034
%RSD	1364.6	337.02	176.52	226.78	214.51	85.721	22.089

#1	.00318	.00017	.00115	.00201	-.00163	-.00022	.00171
#2	-.00823	-.00197	-.00342	.00133	-.00399	-.02191	.00180
#3	.00357	.00058	-.00164	-.00114	.00165	-.01941	.00116

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00012	-.00830	.00012	.00013	-.00046	.00157
Stddev	.00009	.00002	.03409	.00071	.00013	.00020	.00072
%RSD	191.03	16.012	410.51	604.81	102.45	42.746	45.696

#1	.00003	-.00011	.02338	-.00005	.00028	-.00056	.00237
#2	-.00002	-.00012	-.00392	.00089	.00008	-.00059	.00134
#3	-.00014	-.00015	-.04438	-.00049	.00003	-.00023	.00099

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00422	.00034	.00111	-.07980	.00003	-.00172
Stddev	.00002	.02498	.00017	.00090	.00731	.00014	.00009
%RSD	25.680	591.53	50.611	81.255	9.1603	443.12	5.3255

#1	-.00006	-.02116	.00021	.00176	-.08569	.00018	-.00172
#2	-.00009	-.01598	.00027	.00148	-.08210	.00001	-.00164
#3	-.00010	.02446	.00053	.00008	-.07162	-.00009	-.00182

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02273	-.00019	-.00918	-.00001	-.00030	-.00115	.00195
Stddev	.04363	.00023	.02864	.00149	.00353	.00054	.00141
%RSD	191.95	119.94	312.14	12452.	1190.5	47.252	72.536

#1	-.00722	-.00039	.02363	-.00172	.00176	-.00107	.00308
#2	-.07200	.00006	-.02921	.00068	-.00437	-.00065	.00239
#3	.01102	-.00025	-.02194	.00101	.00172	-.00172	.00037

Sample Name: PB121857BL Acquired: 7/31/2019 15:18:06 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00372	-.0040	.00003	F 3.8449	F 4.1157
Stddev	.00140	.0007	.00023	.2248	.8672
%RSD	37.760	17.97	722.76	5.8479	21.070

#1	-.00256	-.0043	-.00023	3.6226	3.2645
#2	-.00331	-.0046	.00012	4.0722	4.9980
#3	-.00528	-.0032	.00021	3.8399	4.0848

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2721.3	33016.	2224.5	35.239	2949.5
Stddev	14.5	56.	4.8	.407	18.9
%RSD	.53273	.17022	.21711	1.1558	.63931

#1	2706.4	32952.	2220.9	35.361	2927.8
#2	2722.3	33056.	2222.6	35.570	2958.8
#3	2735.3	33040.	2229.9	34.784	2961.9

Sample Name: PB121860TB Acquired: 7/31/2019 15:22:33 Type: Unk
Method: P4-ICP2(v3306) 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	-.00216	-.00345	-.00098	-.00312	.00024	-.02010	.00055
Stddev	.00148	.00224	.00088	.00290	.00245	.01755	.00074
%RSD	68.634	64.862	89.575	92.962	1001.2	87.272	132.78

#1	-.00053	-.00176	-.00072	-.00566	-.00058	-.00042	.00132
#2	-.00252	-.00599	-.00197	-.00373	.00300	-.02578	.00050
#3	-.00342	-.00260	-.00026	.00004	-.00169	-.03411	-.00015

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00016	.01953	.00065	-.00021	.00057	.00241
Stddev	.00009	.00005	.01854	.00015	.00023	.00028	.00130
%RSD	308.59	30.266	94.946	22.765	106.79	49.522	53.755

#1	.00002	-.00014	.03988	.00052	-.00017	.00037	.00094
#2	-.00013	-.00022	.00360	.00061	-.00046	.00089	.00338
#3	.00003	-.00013	.01511	.00081	-.00001	.00045	.00292

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.02028	.00072	.00309	F 347.19	.00004	.00224
Stddev	.00003	.02532	.00030	.00022	1.64	.00059	.00004
%RSD	46.622	124.88	41.784	7.2256	.47182	1511.9	1.9814

#1	-.00003	-.00754	.00056	.00285	345.74	.00052	.00228
#2	-.00006	-.04945	.00107	.00315	346.85	-.00062	.00225
#3	-.00008	-.00386	.00053	.00328	348.97	.00022	.00220

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05425	.00015	-.02274	F .01301	.00385	-.00071	.00042
Stddev	.09574	.00033	.01641	.00179	.00118	.00041	.00372
%RSD	176.48	216.22	72.150	13.775	30.696	57.815	880.62

#1	-.16091	.00009	-.01377	.01219	.00427	-.00118	-.00387
#2	-.02609	.00050	-.01278	.01506	.00251	-.00043	.00253
#3	.02425	-.00014	-.04168	.01177	.00476	-.00053	.00261

Sample Name: PB121860TB Acquired: 7/31/2019 15:22:33 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00219	-.0029	.00014	5.5077	11.426
Stddev	.00182	.0017	.00006	.1641	1.287
%RSD	83.361	59.77	42.422	2.9804	11.266

#1	-.00090	-.0012	.00011	5.6861	12.912
#2	-.00428	-.0047	.00021	5.3630	10.677
#3	-.00140	-.0029	.00010	5.4739	10.688

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2589.5	30843.	2212.8	34.404	2660.3
Stddev	6.8	109.	22.0	1.455	5.9
%RSD	.26140	.35255	.99299	4.2288	.22038

#1	2582.7	30733.	2190.4	35.311	2658.9
#2	2596.2	30951.	2213.5	32.726	2666.7
#3	2589.7	30845.	2234.4	35.175	2655.2

Sample Name: K3618-09 Acquired: 7/31/2019 15:27:01 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02536	-.11265	.15723	.01928	.00173	127.79	.58499
Stddev	.00203	.00088	.00088	.00086	.00192	.93	.00506
%RSD	8.0134	.78432	.55743	4.4706	110.88	.72485	.86477

#1	.02554	-.11169	.15632	.01924	.00040	126.79	.57978
#2	.02324	-.11285	.15731	.02016	.00086	127.94	.58530
#3	.02730	-.11343	.15807	.01844	.00393	128.62	.58988

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01687	.02469	30.433	.06119	.16318	.30661	201.87
Stddev	.00014	.00015	.108	.00092	.00031	.00158	.54
%RSD	.85483	.61076	.35584	1.5099	.18897	.51396	.26822

#1	.01675	.02486	30.545	.06211	.16322	.30565	201.67
#2	.01684	.02456	30.426	.06119	.16346	.30576	201.45
#3	.01703	.02466	30.328	.06026	.16285	.30843	202.48

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4669	33.355	.12244	.98278	7.8041	.26054	1.0271
Stddev	.0027	.356	.00055	.00246	.0218	.00020	.0043
%RSD	.10863	1.0679	.44868	.25057	.27917	.07692	.41452

#1	2.4639	32.950	.12226	.98222	7.7831	.26060	1.0312
#2	2.4679	33.497	.12201	.98064	7.8025	.26071	1.0273
#3	2.4690	33.619	.12306	.98547	7.8266	.26032	1.0227

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9637	.00711	-.01976	3.3352	F 11.419	.03460	4.3319
Stddev	.0722	.00036	.02094	.0147	.024	.00059	.0022
%RSD	1.2105	5.0241	105.95	.43924	.20759	1.6971	.05019

#1	5.8807	.00683	-.00243	3.3519	11.419	.03526	4.3328
#2	6.0116	.00699	-.01384	3.3246	11.395	.03414	4.3334
#3	5.9988	.00751	-.04303	3.3291	11.442	.03441	4.3294

Sample Name: K3618-09 Acquired: 7/31/2019 15:27:01 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05585	F 10.05	-.15744	<.00000	F<.00000
Stddev	.00187	.02	.00050	.26875	2.1276
%RSD	3.3444	.2162	.31834	1.0421	4.2677

#1	.05372	10.08	-.15731	-26.064	-47.784
#2	.05664	10.04	-.15702	-25.527	-49.743
#3	.05720	10.05	-.15799	-25.774	-52.035

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5860.9	71165.	5042.2	33.888	2601.6
Stddev	12.4	124.	37.0	.628	8.9
%RSD	.21237	.17416	.73403	1.8537	.34210

#1	5861.9	71294.	5000.8	33.744	2593.3
#2	5872.9	71154.	5053.8	33.344	2600.5
#3	5848.0	71047.	5072.0	34.576	2611.0

Sample Name: K3618-09DUP Acquired: 7/31/2019 15:31:29 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02741	-.11156	.15366	.02538	.00135	126.53	.57838
Stddev	.00465	.00150	.00128	.00195	.00059	.45	.00209
%RSD	16.970	1.3460	.83132	7.6851	43.549	.35537	.36072

#1	.03249	-.10997	.15486	.02503	.00168	126.86	.58062
#2	.02336	-.11176	.15232	.02748	.00067	126.02	.57804
#3	.02638	-.11295	.15382	.02363	.00170	126.71	.57649

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01651	.02415	31.607	.06207	.16177	.30706	201.43
Stddev	.00006	.00034	.079	.00004	.00041	.00110	.65
%RSD	.38229	1.4175	.24899	.05995	.25080	.35938	.32169

#1	.01658	.02443	31.685	.06210	.16191	.30742	201.85
#2	.01647	.02377	31.527	.06203	.16132	.30583	200.68
#3	.01647	.02427	31.608	.06208	.16210	.30794	201.74

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4825	33.735	.12229	.97994	7.7250	.26099	1.0154
Stddev	.0101	.209	.00040	.00283	.0194	.00089	.0032
%RSD	.40904	.61828	.33109	.28885	.25166	.34189	.31197

#1	2.4838	33.494	.12184	.98198	7.7036	.26127	1.0132
#2	2.4718	33.869	.12240	.97671	7.7296	.26171	1.0191
#3	2.4920	33.840	.12263	.98113	7.7417	.25999	1.0140

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9297	.00708	-.01214	3.3595	F 11.425	.03197	4.3267
Stddev	.0491	.00027	.00432	.0222	.027	.00149	.0184
%RSD	.82798	3.8568	35.586	.65980	.23972	4.6520	.42564

#1	5.9643	.00700	-.00735	3.3614	11.431	.03191	4.3063
#2	5.9512	.00686	-.01574	3.3364	11.395	.03348	4.3422
#3	5.8735	.00738	-.01333	3.3806	11.449	.03051	4.3315

Sample Name: K3618-09DUP Acquired: 7/31/2019 15:31:29 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05692	9.976	-.15644	<.00000	F<.00000
Stddev	.00038	.014	.00109	.25949	2.9798
%RSD	.66138	.1443	.69582	.98498	6.0742

#1	.05664	9.973	-.15736	-26.116	-45.870
#2	.05677	9.963	-.15524	-26.291	-51.774
#3	.05735	9.992	-.15673	-26.626	-49.527

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5846.5	70564.	4955.8	32.697	2622.0
Stddev	13.2	225.	9.8	1.154	3.0
%RSD	.22516	.31893	.19777	3.5292	.11397

#1	5832.1	70334.	4945.7	34.023	2622.4
#2	5857.9	70784.	4965.3	32.145	2618.8
#3	5849.4	70575.	4956.5	31.922	2624.7

Sample Name: K3618-09LX5 Acquired: 7/31/2019 15:35:56 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01058	-.02070	.02108	.01593	.00006	44.581	.20437	.00511
Stddev	.00169	.00110	.00061	.00154	.00079	.207	.00142	.00020
%RSD	15.973	5.3346	2.9100	9.6700	1350.4	.46540	.69495	3.8968

#1	.00867	-.02189	.02159	.01426	.00069	44.466	.20465	.00503
#2	.01120	-.01970	.02125	.01621	.00032	44.820	.20563	.00533
#3	.01188	-.02050	.02040	.01730	-.00083	44.456	.20283	.00495

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00084	11.414	.02231	.03077	.11118	84.107	.91682	11.994
Stddev	.00007	.088	.00029	.00023	.00086	.738	.00153	.129
%RSD	8.2199	.76916	1.3043	.73339	.77247	.87713	.16723	1.0785

#1	-.00078	11.314	.02256	.03080	.11126	83.316	.91557	12.114
#2	-.00092	11.477	.02237	.03098	.11028	84.777	.91853	12.012
#3	-.00083	11.451	.02199	.03053	.11199	84.229	.91636	11.857

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02208	.41215	2.6681	.09417	.18345	1.9664	.00177	-.00533
Stddev	.00077	.00368	.0100	.00053	.00007	.0340	.00010	.02245
%RSD	3.5014	.89381	.37568	.56571	.04033	1.7263	5.8768	420.97

#1	.02275	.40837	2.6768	.09398	.18347	2.0056	.00166	.00619
#2	.02226	.41573	2.6703	.09376	.18352	1.9458	.00180	-.03121
#3	.02123	.41234	2.6571	.09477	.18337	1.9479	.00186	.00902

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65682	4.7136	.00458	1.5492	.01871	1.933	-.06927	<.00000
Stddev	.00584	.0368	.00080	.0053	.00034	.001	.00093	.24617
%RSD	.88963	.78063	17.413	.34375	1.8146	.0705	1.3374	11.106

#1	.65181	4.6739	.00429	1.5443	.01832	1.932	-.06833	-1.9512
#2	.66324	4.7466	.00397	1.5486	.01895	1.935	-.07018	-2.2609
#3	.65540	4.7204	.00549	1.5548	.01886	1.932	-.06932	-2.4374

Sample Name: K3618-09LX5 Acquired: 7/31/2019 15:35:56 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .24180
Stddev .39151
%RSD 161.91

#1 .12510
#2 -.07809
#3 .67839

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3345.7	40624.	2785.3	35.333	2813.9
Stddev	28.0	109.	19.5	.706	3.8
%RSD	.83647	.26872	.69840	1.9967	.13476

#1	3324.0	40566.	2798.9	35.850	2809.8
#2	3377.3	40556.	2794.0	34.530	2817.3
#3	3335.8	40750.	2763.0	35.620	2814.5

Sample Name: CCV03 Acquired: 7/31/2019 15:40:25 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15311 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0959	5.0866	5.0671	5.1546	5.0894	10.090	10.340
Stddev	.0067	.0110	.0119	.0202	.0122	.151	.080
%RSD	.13113	.21594	.23425	.39255	.23933	1.4989	.77656

#1	5.0910	5.0862	5.0534	5.1467	5.0824	9.9300	10.248
#2	5.0931	5.0759	5.0744	5.1395	5.0823	10.231	10.379
#3	5.1035	5.0979	5.0736	5.1776	5.1034	10.110	10.394

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26020	2.5169	25.609	1.0209	2.5387	1.2780	5.1831
Stddev	.00088	.0043	.224	.0011	.0029	.0043	.0015
%RSD	.33671	.17269	.87420	.11127	.11347	.33305	.02893

#1	.25976	2.5122	25.383	1.0215	2.5356	1.2738	5.1848
#2	.26121	2.5178	25.831	1.0216	2.5413	1.2779	5.1825
#3	.25964	2.5208	25.615	1.0196	2.5391	1.2823	5.1819

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5162	25.854	2.5182	1.2858	25.574	2.5589	2.5423
Stddev	.0077	.484	.0061	.0015	.189	.0010	.0060
%RSD	.30786	1.8735	.24063	.11817	.74026	.03750	.23692

#1	2.5125	25.361	2.5113	1.2855	25.355	2.5596	2.5371
#2	2.5251	26.330	2.5224	1.2874	25.680	2.5578	2.5489
#3	2.5109	25.871	2.5210	1.2844	25.685	2.5593	2.5408

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.999	5.0521	4.9767	5.1391	4.9400	5.0568	5.1168
Stddev	.266	.0133	.0523	.0212	.0283	.0087	.0353
%RSD	1.0649	.26232	1.0504	.41296	.57227	.17209	.69089

#1	24.711	5.0409	4.9207	5.1189	4.9637	5.0586	5.0762
#2	25.237	5.0487	5.0243	5.1372	4.9087	5.0644	5.1406
#3	25.048	5.0668	4.9852	5.1612	4.9475	5.0473	5.1337

Sample Name: CCV03 Acquired: 7/31/2019 15:40:25 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15311 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9303	5.257	5.1461	4.9696	F 4.0086
Stddev	.0147	.004	.0207	.0645	.8763
%RSD	.29782	.0836	.40171	1.2985	21.860

#1	4.9258	5.263	5.1321	4.9734	5.0041
#2	4.9183	5.255	5.1364	4.9032	3.3538
#3	4.9467	5.255	5.1699	5.0321	3.6680

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2671.9	31889.	2217.2	34.533	2734.0
Stddev	3.8	91.	10.3	.988	3.1
%RSD	.14280	.28462	.46351	2.8605	.11338

#1	2675.9	31947.	2205.8	33.522	2735.8
#2	2671.4	31784.	2225.7	34.581	2730.4
#3	2668.3	31934.	2220.1	35.496	2735.8

Sample Name: CCB03 Acquired: 7/31/2019 15:44:24 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB15311 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	-.00120	-.00098	.00252	-.00164	-.02581	.00097
Stddev	.00253	.00175	.00035	.00472	.00146	.01077	.00061
%RSD	337.16	145.65	36.317	187.19	89.155	41.719	62.916

#1	-.00213	.00078	-.00128	.00341	-.00272	-.01725	.00027
#2	.00174	-.00254	-.00059	.00673	.00002	-.03789	.00133
#3	.00264	-.00185	-.00106	-.00258	-.00221	-.02228	.00132

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00001	-.01673	.00027	-.00003	-.00054	.00169
Stddev	.00005	.00002	.02755	.00019	.00038	.00069	.00067
%RSD	83.070	224.74	164.70	70.958	1316.6	128.16	39.865

#1	.00007	-.00001	-.00162	.00048	.00020	-.00092	.00145
#2	.00001	.00000	-.00003	.00014	.00018	-.00095	.00245
#3	.00012	.00003	-.04852	.00017	-.00047	.00026	.00117

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.02992	.00054	.00083	-.06079	.00038	-.00189
Stddev	.00007	.05912	.00048	.00015	.01082	.00050	.00003
%RSD	53.458	197.59	89.383	18.258	17.798	132.00	1.5809

#1	-.00015	.03229	.00033	.00069	-.06182	-.00002	-.00187
#2	-.00020	-.08537	.00020	.00099	-.07106	.00022	-.00192
#3	-.00006	-.03668	.00109	.00080	-.04949	.00095	-.00187

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00827	.00040	-.04134	.00070	.00476	-.00175	.00290
Stddev	.04724	.00047	.00941	.00264	.00045	.00080	.00500
%RSD	571.12	117.45	22.754	377.99	9.5316	45.958	172.42

#1	.04186	.00047	-.05107	-.00042	.00445	-.00084	-.00116
#2	-.05196	-.00010	-.03229	.00371	.00454	-.00236	.00849
#3	-.01472	.00082	-.04065	-.00120	.00528	-.00206	.00137

Sample Name: CCB03 Acquired: 7/31/2019 15:44:24 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB15311 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00158	-.0045	.00030	F 3.4803	F 4.2456
Stddev	.00263	.0018	.00009	.2771	1.4010
%RSD	166.76	40.19	29.209	7.9621	32.998

#1	-.00192	-.0056	.00030	3.5107	3.8272
#2	.00121	-.0054	.00038	3.7409	5.8082
#3	-.00402	-.0024	.00021	3.1892	3.1016

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2750.8	33351.	2254.8	34.616	2981.1
Stddev	8.7	53.	25.6	1.208	9.2
%RSD	.31541	.15876	1.1374	3.4903	.30953

#1	2744.4	33290.	2230.8	35.950	2971.7
#2	2747.2	33379.	2281.9	33.595	2981.4
#3	2760.6	33384.	2251.8	34.302	2990.1

Sample Name: K3618-09MS Acquired: 7/31/2019 15:48:53 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38987	1.9729	1.2259	.92976	.08019	135.18	.67298
Stddev	.00555	.0023	.0036	.00470	.00189	.91	.00178
%RSD	1.4241	.11793	.29240	.50599	2.3574	.67202	.26388

#1	.38414	1.9750	1.2265	.92462	.07837	136.04	.67383
#2	.39024	1.9732	1.2292	.93385	.08214	134.23	.67094
#3	.39522	1.9704	1.2221	.93081	.08007	135.26	.67417

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11375	.23210	28.197	.24691	.37531	.44693	201.40
Stddev	.00009	.00032	1.033	.00136	.00084	.00190	.21
%RSD	.07852	.13678	3.6620	.54989	.22291	.42582	.10422

#1	.11384	.23183	29.389	.24563	.37616	.44483	201.64
#2	.11366	.23245	27.588	.24833	.37449	.44741	201.30
#3	.11374	.23202	27.613	.24676	.37529	.44854	201.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7054	32.890	.65604	1.0154	8.9256	.39036	1.2299
Stddev	.0050	.211	.00181	.0012	.0362	.00137	.0056
%RSD	.18499	.64118	.27619	.11319	.40551	.35219	.45425

#1	2.7058	32.973	.65629	1.0167	8.9660	.38899	1.2351
#2	2.7101	32.650	.65772	1.0147	8.8961	.39174	1.2305
#3	2.7001	33.046	.65412	1.0147	8.9146	.39036	1.2240

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.844	.17232	.09657	3.1346	F 11.838	.72229	4.4996
Stddev	.043	.00069	.00657	.0054	.068	.00346	.1643
%RSD	.39964	.40154	6.8001	.17284	.57552	.47876	3.6522

#1	10.893	.17197	.09847	3.1283	11.913	.71890	4.6862
#2	10.814	.17312	.10197	3.1376	11.780	.72214	4.3765
#3	10.824	.17187	.08926	3.1378	11.820	.72582	4.4360

Sample Name: K3618-09MS Acquired: 7/31/2019 15:48:53 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16576	F 17.16	-.05772	<.00000	F<.00000
Stddev	.00720	.03	.00574	.17678	1.1534
%RSD	4.3407	.1687	9.9436	.70372	2.3094

#1	.17403	17.16	-.05114	-25.323	-49.634
#2	.16089	17.19	-.06168	-24.993	-51.220
#3	.16237	17.13	-.06034	-25.048	-48.976

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5736.0	69784.	4829.5	33.098	2611.3
Stddev	6.8	147.	167.5	2.498	9.9
%RSD	.11815	.21117	3.4690	7.5466	.37999

#1	5743.9	69812.	4636.5	30.335	2602.1
#2	5731.9	69625.	4914.6	35.197	2609.9
#3	5732.4	69916.	4937.5	33.762	2621.8

Sample Name: K3618-09MSD Acquired: 7/31/2019 15:53:15 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38562	1.9627	1.2246	.92989	.08085	135.44	.67146
Stddev	.00062	.0019	.0009	.00126	.00170	.29	.00263
%RSD	.15968	.09692	.07358	.13541	2.1061	.21718	.39197

#1	.38633	1.9649	1.2236	.93008	.08249	135.12	.66872
#2	.38533	1.9612	1.2247	.92854	.08096	135.50	.67170
#3	.38520	1.9622	1.2254	.93104	.07909	135.70	.67396

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11382	.23239	26.794	.24698	.37436	.44558	200.50
Stddev	.00027	.00062	.113	.00023	.00070	.00084	.30
%RSD	.23373	.26829	.42260	.09299	.18733	.18822	.15024

#1	.11356	.23261	26.872	.24723	.37359	.44497	200.79
#2	.11409	.23287	26.664	.24693	.37495	.44654	200.53
#3	.11383	.23169	26.846	.24678	.37455	.44524	200.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6562	32.300	.65678	1.0116	8.9211	.39168	1.2285
Stddev	.0037	.194	.00114	.0008	.0277	.00097	.0022
%RSD	.14062	.60008	.17297	.08376	.31064	.24812	.18129

#1	2.6535	32.106	.65548	1.0123	8.8910	.39079	1.2281
#2	2.6605	32.494	.65760	1.0119	8.9455	.39272	1.2265
#3	2.6547	32.300	.65724	1.0107	8.9266	.39153	1.2309

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.839	.17289	.08918	3.0260	F 11.760	.71970	4.4741
Stddev	.079	.00088	.00334	.0079	.039	.00360	.0090
%RSD	.72612	.50809	3.7406	.26084	.33035	.50048	.20133

#1	10.783	.17352	.08924	3.0246	11.804	.72345	4.4715
#2	10.929	.17326	.08582	3.0345	11.745	.71937	4.4841
#3	10.804	.17189	.09249	3.0188	11.732	.71627	4.4666

Sample Name: K3618-09MSD Acquired: 7/31/2019 15:53:15 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16188	F 16.84	-.05946	<.00000	F<.00000
Stddev	.00102	.02	.00030	.23065	1.0527
%RSD	.62954	.1229	.50567	.92867	2.2333
#1	.16205	16.81	-.05979	-24.829	-48.071
#2	.16280	16.85	-.05938	-25.071	-47.349
#3	.16079	16.85	-.05921	-24.609	-45.997
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5726.8	69517.	4897.6	33.486	2611.7
Stddev	18.0	73.	28.5	1.268	4.6
%RSD	.31388	.10430	.58178	3.7853	.17422
#1	5708.4	69486.	4865.9	32.470	2606.7
#2	5727.6	69465.	4921.1	33.082	2615.5
#3	5744.3	69600.	4905.9	34.906	2613.0

Sample Name: K3618-09A Acquired: 7/31/2019 15:57:38 Type: Unk
Method: P4-ICP2(v3306) 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	.38620	1.9642	1.2258	.92821	.08049	133.78	.66547
Stddev	.00136	.0117	.0040	.00191	.00087	.84	.00228
%RSD	.35115	.59715	.32328	.20587	1.0849	.62776	.34228

#1	.38760	1.9672	1.2220	.92749	.08000	134.48	.66648
#2	.38610	1.9513	1.2255	.93038	.07996	132.85	.66286
#3	.38489	1.9742	1.2299	.92677	.08149	134.02	.66707

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11373	.23255	27.521	.24669	.37403	.44619	200.43
Stddev	.00038	.00088	.128	.00066	.00109	.00059	1.24
%RSD	.33812	.38052	.46374	.26709	.29035	.13131	.61659

#1	.11329	.23203	27.635	.24601	.37331	.44594	201.77
#2	.11393	.23205	27.383	.24732	.37350	.44685	200.17
#3	.11398	.23357	27.546	.24675	.37528	.44576	199.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6826	32.209	.65375	1.0107	8.8013	.38811	1.2264
Stddev	.0121	.080	.00075	.0060	.0119	.00025	.0024
%RSD	.45202	.24704	.11518	.59492	.13542	.06570	.19319

#1	2.6964	32.214	.65293	1.0172	8.8148	.38781	1.2261
#2	2.6736	32.285	.65390	1.0094	8.7967	.38827	1.2242
#3	2.6778	32.127	.65441	1.0054	8.7923	.38823	1.2289

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.696	.17277	.09780	3.0722	F 11.782	.71587	4.4604
Stddev	.023	.00030	.01592	.0173	.074	.00333	.0177
%RSD	.21466	.17341	16.279	.56395	.63027	.46543	.39628

#1	10.717	.17278	.08562	3.0592	11.867	.71837	4.4763
#2	10.671	.17247	.09197	3.0655	11.749	.71209	4.4636
#3	10.700	.17307	.11582	3.0918	11.729	.71717	4.4414

Sample Name: K3618-09A Acquired: 7/31/2019 15:57:38 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16350	F 16.95	-.05879	<.00000	F<.00000
Stddev	.00115	.03	.00094	.25793	.48312
%RSD	.70554	.1549	1.5998	1.0251	1.0330

#1	.16380	16.92	-.05983	-25.449	-46.219
#2	.16448	16.95	-.05854	-24.951	-46.969
#3	.16223	16.97	-.05799	-25.083	-47.122

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5723.5	69893.	4833.4	33.392	2616.5
Stddev	25.3	479.	40.6	.479	3.1
%RSD	.44187	.68482	.83935	1.4353	.12024

#1	5706.1	69350.	4787.0	33.619	2613.9
#2	5711.8	70079.	4851.4	33.716	2615.7
#3	5752.5	70252.	4861.9	32.842	2620.0

Sample Name: K4066-01 Acquired: 7/31/2019 16:01:59 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-1-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02601	-.03090	.74326	.03026	.00767	169.17	1.3523
Stddev	.00043	.00138	.00332	.00541	.00193	.55	.0081
%RSD	1.6466	4.4656	.44683	17.867	25.145	.32787	.60089

#1	.02646	-.03171	.74031	.02427	.00904	169.81	1.3555
#2	.02561	-.02931	.74685	.03175	.00546	168.87	1.3583
#3	.02597	-.03169	.74261	.03478	.00851	168.82	1.3430

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00996	.00258	30.919	.20891	.15819	.66860	247.99
Stddev	.00026	.00020	.112	.00179	.00032	.00058	.73
%RSD	2.5908	7.7121	.36072	.85555	.20238	.08717	.29507

#1	.00997	.00251	30.882	.21082	.15787	.66871	248.79
#2	.01022	.00280	31.045	.20862	.15851	.66912	247.84
#3	.00970	.00242	30.831	.20728	.15821	.66797	247.35

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1597	70.049	.30199	1.2171	8.2807	.30154	1.2393
Stddev	.0412	.521	.00115	.0030	.0266	.00110	.0003
%RSD	.50486	.74400	.37947	.24882	.32132	.36580	.02276

#1	8.2072	70.628	.30118	1.2205	8.3114	.30280	1.2391
#2	8.1348	69.902	.30330	1.2161	8.2653	.30104	1.2391
#3	8.1369	69.617	.30149	1.2147	8.2653	.30076	1.2396

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.424	.00045	.00619	.97963	F 15.878	.03167	2.1095
Stddev	.081	.00042	.01261	.01376	.031	.00227	.0117
%RSD	.39448	93.347	203.64	1.4046	.19359	7.1623	.55240

#1	20.517	.00094	-.00780	.98981	15.913	.03216	2.1119
#2	20.380	.00021	.00970	.98511	15.855	.02919	2.0969
#3	20.375	.00020	.01668	.96398	15.867	.03365	2.1198

Sample Name: K4066-01 Acquired: 7/31/2019 16:01:59 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-1-A Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.33525	7.927	-.00427	<.00000	F<.00000
Stddev	.00146	.025	.00065	.21602	.19539
%RSD	.43554	.3141	15.325	18.721	1.3716

#1	.33591	7.955	-.00502	-1.4032	-14.460
#2	.33358	7.909	-.00391	-1.0354	-14.078
#3	.33627	7.916	-.00388	-1.0231	-14.197

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3117.5	37775.	2648.3	33.867	2690.4
Stddev	4.9	160.	6.9	.882	6.8
%RSD	.15772	.42300	.26024	2.6033	.25384

#1	3111.9	37620.	2646.5	33.785	2682.5
#2	3121.4	37767.	2642.6	34.787	2695.1
#3	3119.1	37939.	2656.0	33.029	2693.4

Sample Name: K4066-07 Acquired: 7/31/2019 16:06:35 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03418	-.02845	.57267	.02595	.00587	103.00	.92914
Stddev	.00434	.00155	.00206	.00653	.00542	.82	.01031
%RSD	12.706	5.4304	.35945	25.162	92.416	.79898	1.1098

#1	.03590	-.02929	.57063	.02832	.00755	102.33	.91896
#2	.02924	-.02667	.57475	.01856	.01024	102.74	.92889
#3	.03740	-.02940	.57262	.03096	-.00020	103.92	.93957

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00601	-.00062	159.56	.16481	.11290	1.0919	185.39
Stddev	.00021	.00014	.58	.00124	.00051	.0025	.10
%RSD	3.4129	22.497	.36327	.75053	.44926	.22980	.05145

#1	.00614	-.00055	159.73	.16564	.11237	1.0931	185.46
#2	.00612	-.00052	158.92	.16541	.11295	1.0937	185.43
#3	.00578	-.00078	160.04	.16339	.11338	1.0891	185.29

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0499	53.828	.17881	.91168	18.997	.24283	.70561
Stddev	.0140	.620	.00068	.00011	.252	.00164	.00318
%RSD	.27754	1.1509	.38031	.01215	1.3243	.67350	.45029

#1	5.0340	53.391	.17850	.91180	18.784	.24422	.70926
#2	5.0601	53.555	.17835	.91166	18.933	.24103	.70350
#3	5.0557	54.537	.17959	.91158	19.275	.24324	.70406

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.002	.00109	.04314	3.7937	F 12.463	.09864	2.3177
Stddev	.098	.00022	.03145	.0069	.041	.00203	.0108
%RSD	.65160	19.825	72.904	.18070	.33245	2.0575	.46535

#1	14.932	.00087	.07220	3.7997	12.504	.09755	2.3128
#2	14.960	.00111	.00975	3.7950	12.465	.09738	2.3102
#3	15.113	.00130	.04748	3.7862	12.421	.10098	2.3300

Sample Name: K4066-07 Acquired: 7/31/2019 16:06:35 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-11 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19205	4.840	.52788	1.5248	F<.00000
Stddev	.00419	.025	.00160	.0875	1.4467
%RSD	2.1820	.5056	.30331	5.7400	25.441

#1	.19546	4.854	.52852	1.4380	-4.0874
#2	.18737	4.812	.52606	1.5233	-6.9047
#3	.19333	4.855	.52907	1.6130	-6.0671

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2917.1	35483.	2490.8	34.381	2705.1
Stddev	11.4	86.	17.7	.317	10.0
%RSD	.39022	.24261	.71218	.92173	.37097

#1	2905.0	35573.	2471.2	34.329	2693.6
#2	2918.7	35474.	2495.4	34.721	2711.8
#3	2927.6	35402.	2505.8	34.093	2710.0

Sample Name: K4066-11 Acquired: 7/31/2019 16:10:54 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01794	-.03262	.29422	.03005	.00763	163.54	1.0096
Stddev	.00546	.00144	.00282	.00207	.00351	1.26	.0086
%RSD	30.457	4.4270	.95907	6.9019	46.075	.76801	.85703

#1	.02156	-.03279	.29737	.03184	.01127	162.14	1.0005
#2	.01165	-.03110	.29337	.02777	.00425	163.90	1.0107
#3	.02060	-.03398	.29193	.03053	.00737	164.57	1.0177

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00886	.00207	91.666	.19795	.15712	.73991	235.28
Stddev	.00023	.00033	.540	.00101	.00037	.00360	.49
%RSD	2.5652	15.693	.58874	.51230	.23399	.48653	.20991

#1	.00863	.00230	91.538	.19686	.15721	.73873	235.45
#2	.00886	.00222	92.258	.19810	.15671	.73705	234.73
#3	.00908	.00170	91.202	.19887	.15743	.74395	235.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2876	66.887	.28676	1.1555	20.571	.32628	1.0241
Stddev	.0154	.654	.00039	.0026	.184	.00127	.0024
%RSD	.29128	.97776	.13644	.22652	.89419	.38994	.23837

#1	5.2990	66.186	.28721	1.1562	20.374	.32490	1.0254
#2	5.2937	66.993	.28657	1.1526	20.600	.32652	1.0213
#3	5.2701	67.481	.28649	1.1576	20.738	.32742	1.0256

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.581	.00666	.01136	2.0208	F 15.949	.02630	2.4720
Stddev	.147	.00032	.01331	.0087	.060	.00116	.0055
%RSD	.78961	4.8522	117.18	.43009	.37763	4.3946	.22388

#1	18.426	.00702	.01989	2.0295	16.019	.02527	2.4656
#2	18.599	.00639	-.00398	2.0122	15.917	.02607	2.4756
#3	18.718	.00658	.01816	2.0206	15.911	.02755	2.4747

Sample Name: K4066-11 Acquired: 7/31/2019 16:10:54 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-12 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.27795	5.751	.27021	.02753	F<.00000
Stddev	.00115	.007	.00401	.13398	1.4361
%RSD	.41305	.1183	1.4837	486.73	11.085

#1	.27920	5.743	.27043	.01925	-11.394
#2	.27769	5.755	.27411	.16545	-13.250
#3	.27694	5.754	.26610	-.10212	-14.221

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3020.7	36644.	2591.3	34.262	2687.4
Stddev	25.4	68.	30.9	2.386	9.3
%RSD	.84183	.18544	1.1909	6.9638	.34748

#1	3033.0	36577.	2566.1	31.801	2689.6
#2	3037.7	36644.	2582.1	34.419	2695.5
#3	2991.5	36713.	2625.7	36.566	2677.2

Sample Name: K4066-15 Acquired: 7/31/2019 16:15:20 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04588	-.03824	.66743	.03028	.00256	206.35	1.4967
Stddev	.00229	.00144	.00306	.00480	.00240	.84	.0083
%RSD	4.9842	3.7653	.45861	15.838	93.749	.40857	.55572

#1	.04361	-.03898	.66985	.02551	.00364	205.39	1.4882
#2	.04584	-.03658	.66399	.03510	.00422	206.95	1.5048
#3	.04819	-.03916	.66845	.03024	-.00019	206.72	1.4971

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01084	.00173	181.11	.25246	.14278	.58561	243.68
Stddev	.00024	.00013	.80	.00103	.00026	.00110	.50
%RSD	2.2361	7.6071	.43964	.40762	.18145	.18750	.20420

#1	.01089	.00188	180.23	.25188	.14307	.58454	243.91
#2	.01105	.00164	181.32	.25365	.14256	.58673	244.02
#3	.01057	.00166	181.78	.25185	.14272	.58555	243.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8084	68.763	.27103	1.1943	28.727	.37438	.79833
Stddev	.0132	.591	.00068	.0030	.164	.00121	.00065
%RSD	.22749	.85912	.24931	.24950	.56930	.32289	.08136

#1	5.8052	68.396	.27162	1.1954	28.596	.37331	.79883
#2	5.8229	69.445	.27029	1.1966	28.910	.37569	.79858
#3	5.7970	68.449	.27118	1.1910	28.675	.37413	.79760

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.590	.00147	-.01546	F 13.828	F 16.931	.02662	2.3340
Stddev	.085	.00086	.00711	.009	.074	.00160	.0084
%RSD	.37782	58.681	45.993	.06251	.43885	6.0059	.36152

#1	22.597	.00182	-.02207	13.824	16.891	.02810	2.3244
#2	22.672	.00211	-.01638	13.821	16.885	.02492	2.3402
#3	22.501	.00049	-.00794	13.837	17.017	.02685	2.3374

Sample Name: K4066-15 Acquired: 7/31/2019 16:15:20 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-13 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29709	6.652	.88326	<.00000	F<.00000
Stddev	.00310	.005	.00625	.19502	2.3275
%RSD	1.0444	.0745	.70817	55.270	14.621

#1	.29788	6.656	.87686	-.21898	-18.579
#2	.29366	6.654	.88355	-.57660	-14.920
#3	.29972	6.646	.88936	-.26297	-14.259

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3076.9	36959.	2667.8	34.001	2644.7
Stddev	.9	53.	11.0	.462	3.4
%RSD	.02798	.14414	.41385	1.3593	.13019

#1	3076.6	36960.	2670.2	34.027	2641.0
#2	3076.2	36906.	2677.4	34.449	2647.9
#3	3077.8	37012.	2655.7	33.526	2645.2

Sample Name: K4077-06 Acquired: 7/31/2019 16:19:46 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 20190612-LOC Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00566	-.03511	.00499	.02192	-.00294	29.772	.17786
Stddev	.00092	.00102	.00066	.00084	.00140	.135	.00077
%RSD	16.259	2.9135	13.204	3.8168	47.784	.45322	.43158

#1	.00509	-.03551	.00485	.02278	-.00268	29.633	.17703
#2	.00517	-.03588	.00441	.02111	-.00445	29.781	.17801
#3	.00673	-.03395	.00570	.02188	-.00168	29.903	.17854

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00239	.00400	92.514	.06719	.11691	.37723	153.93
Stddev	.00006	.00017	.261	.00073	.00034	.00035	.17
%RSD	2.4359	4.2368	.28189	1.0829	.28943	.09407	.11108

#1	.00241	.00392	92.215	.06636	.11728	.37710	154.06
#2	.00243	.00419	92.695	.06754	.11661	.37764	153.74
#3	.00232	.00388	92.631	.06768	.11683	.37696	153.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4597	27.518	.13273	.75275	1.3791	.21429	.26268
Stddev	.0046	.010	.00012	.00124	.0148	.00168	.00046
%RSD	.31308	.03508	.09067	.16513	1.0703	.78452	.17406

#1	1.4601	27.526	.13271	.75397	1.3890	.21240	.26216
#2	1.4550	27.522	.13262	.75148	1.3862	.21562	.26292
#3	1.4641	27.508	.13285	.75282	1.3621	.21485	.26297

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.710	.00164	-.01531	F 21.044	F 10.439	.00178	1.7315
Stddev	.089	.00027	.01612	.009	.024	.00088	.0109
%RSD	.65097	16.473	105.28	.04207	.22985	49.660	.62742

#1	13.751	.00133	-.01749	21.035	10.447	.00221	1.7245
#2	13.607	.00182	.00179	21.046	10.412	.00076	1.7440
#3	13.770	.00178	-.03023	21.052	10.457	.00237	1.7259

Sample Name: K4077-06 Acquired: 7/31/2019 16:19:46 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 20190612-LOC Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05136	F 24.41	.01982	<.00000	F<.00000
Stddev	.00066	.04	.00067	.28207	1.1550
%RSD	1.2772	.1603	3.3734	3.1074	12.122

#1	.05146	24.45	.01907	-8.9369	-8.6923
#2	.05196	24.38	.02033	-8.8936	-10.846
#3	.05066	24.40	.02007	-9.4024	-9.0455

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4041.7	49652.	3441.8	34.828	2787.0
Stddev	2.1	52.	6.2	.325	4.4
%RSD	.05313	.10543	.18010	.93336	.15800

#1	4040.6	49598.	3436.9	35.200	2786.1
#2	4040.3	49657.	3439.8	34.597	2783.2
#3	4044.2	49702.	3448.8	34.686	2791.9

Sample Name: K4079-02 Acquired: 7/31/2019 16:24:08 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TANK-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07526	-.00364	-.00242	.00120	-.00273	1.1872	.04092
Stddev	.00111	.00141	.00124	.00209	.00086	.0294	.00070
%RSD	1.4796	38.558	51.170	173.92	31.315	2.4728	1.7066

#1	.07545	-.00239	-.00253	.00347	-.00287	1.2144	.04084
#2	.07406	-.00516	-.00113	.00076	-.00352	1.1561	.04027
#3	.07626	-.00338	-.00360	-.00063	-.00182	1.1912	.04166

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00011	75.759	.01116	.00041	.00621	-.00740
Stddev	.00006	.00003	.177	.00019	.00015	.00050	.00054
%RSD	53.638	30.965	.23416	1.6603	37.248	8.0038	7.3041

#1	.00014	-.00012	75.699	.01096	.00023	.00607	-.00678
#2	.00004	-.00013	75.958	.01120	.00050	.00676	-.00779
#3	.00015	-.00007	75.619	.01132	.00049	.00579	-.00762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00178	1.3592	.00111	.00019	101.53	.02824	.01948
Stddev	.00006	.1221	.00049	.00085	.50	.00023	.00014
%RSD	3.2732	8.9841	43.943	443.75	.48791	.80625	.72819

#1	.00179	1.4628	.00062	.00094	101.76	.02850	.01955
#2	.00184	1.2246	.00160	-.00073	101.88	.02812	.01957
#3	.00172	1.3902	.00111	.00036	100.97	.02810	.01932

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	55.028	.02372	.21845	F 52.135	F 16.464	-.02278	-.00235
Stddev	.301	.00059	.00744	.174	.117	.00063	.00023
%RSD	.54715	2.4874	3.4065	.33431	.70938	2.7681	9.6168

#1	55.276	.02341	.21100	52.321	16.375	-.02335	-.00236
#2	55.116	.02440	.22588	51.976	16.596	-.02210	-.00258
#3	54.693	.02335	.21847	52.109	16.422	-.02288	-.00212

Sample Name: K4079-02 Acquired: 7/31/2019 16:24:08 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TANK-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00764	.0066	1.6344	3.1731	9.0057
Stddev	.00218	.0012	.0156	.0667	.6326
%RSD	28.573	17.84	.95221	2.1032	7.0245

#1	.01013	.0071	1.6271	3.1578	9.5618
#2	.00669	.0074	1.6523	3.1154	9.1380
#3	.00609	.0052	1.6239	3.2462	8.3175

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2813.7	33813.	2359.4	37.790	2994.2
Stddev	.7	105.	17.8	.425	5.9
%RSD	.02321	.31048	.75475	1.1242	.19842

#1	2813.0	33709.	2368.3	38.184	2988.2
#2	2813.9	33810.	2338.9	37.847	2994.4
#3	2814.2	33919.	2371.0	37.340	3000.1

Sample Name: K4079-02DUP Acquired: 7/31/2019 16:28:31 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TANK-4DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07212	-.00286	-.00105	-.00173	-.00185	1.1858	.03931
Stddev	.00094	.00169	.00067	.00461	.00172	.0115	.00110
%RSD	1.2988	59.165	63.748	266.91	92.814	.97034	2.7997

#1	.07152	-.00428	-.00176	.00299	-.00330	1.1909	.03928
#2	.07320	-.00099	-.00099	-.00623	-.00230	1.1727	.03822
#3	.07165	-.00331	-.00042	-.00194	.00005	1.1939	.04042

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00002	75.687	.01107	.00054	.00656	-.00928
Stddev	.00009	.00011	.277	.00049	.00024	.00053	.00139
%RSD	103.94	523.85	.36654	4.4562	44.631	8.0178	14.970

#1	.00003	-.00007	75.469	.01123	.00031	.00717	-.00844
#2	.00005	.00011	75.999	.01052	.00052	.00622	-.00852
#3	.00020	-.00010	75.593	.01146	.00078	.00629	-.01088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00178	1.3606	.00116	.00010	100.67	.02785	.01937
Stddev	.00013	.0331	.00060	.00095	.43	.00044	.00014
%RSD	7.0776	2.4305	51.480	926.36	.43119	1.5935	.74458

#1	.00192	1.3720	.00184	.00062	101.18	.02833	.01954
#2	.00173	1.3233	.00069	.00068	100.43	.02745	.01929
#3	.00168	1.3863	.00096	-.00100	100.42	.02776	.01929

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.481	.02358	.19908	F 52.320	F 16.584	-.02238	.00056
Stddev	.037	.00024	.03049	.116	.133	.00134	.00090
%RSD	.06824	1.0249	15.316	.22164	.79935	5.9759	161.74

#1	54.517	.02381	.22303	52.379	16.515	-.02317	.00143
#2	54.442	.02333	.20947	52.187	16.737	-.02313	.00061
#3	54.483	.02359	.16476	52.396	16.501	-.02084	-.00037

Sample Name: K4079-02DUP Acquired: 7/31/2019 16:28:31 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TANK-4DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00894	.0070	1.6335	3.3285	9.2861
Stddev	.00178	.0007	.0115	.0615	1.2067
%RSD	19.899	10.42	.70217	1.8466	12.995

#1	.00729	.0073	1.6299	3.3717	9.2064
#2	.00870	.0076	1.6463	3.2581	8.1212
#3	.01082	.0062	1.6243	3.3557	10.531

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.2	33710.	2332.4	36.728	2977.2
Stddev	10.4	203.	23.8	1.641	6.3
%RSD	.37037	.60139	1.0185	4.4674	.21101

#1	2791.0	33504.	2330.0	36.255	2977.5
#2	2807.1	33718.	2309.9	35.376	2983.4
#3	2787.7	33909.	2357.3	38.554	2970.8

Sample Name: CCV04 Acquired: 7/31/2019 16:32:55 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0557	5.0059	5.0304	5.0885	5.0529	9.9912	10.189
Stddev	.0171	.0060	.0047	.0123	.0179	.0525	.040
%RSD	.33775	.11887	.09316	.24181	.35486	.52517	.39200

#1	5.0452	5.0124	5.0358	5.1017	5.0547	9.9344	10.143
#2	5.0754	5.0046	5.0280	5.0866	5.0698	10.038	10.213
#3	5.0464	5.0007	5.0273	5.0773	5.0341	10.001	10.211

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25544	2.4756	25.073	.99698	2.5121	1.2742	5.0646
Stddev	.00067	.0040	.240	.00145	.0048	.0022	.0205
%RSD	.26036	.16272	.95739	.14561	.18951	.17065	.40531

#1	.25566	2.4801	24.862	.99844	2.5165	1.2744	5.0880
#2	.25469	2.4746	25.022	.99553	2.5129	1.2762	5.0497
#3	.25597	2.4722	25.334	.99697	2.5071	1.2719	5.0561

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4653	25.720	2.4681	1.2611	25.174	2.4937	2.5278
Stddev	.0109	.422	.0012	.0033	.130	.0004	.0049
%RSD	.44032	1.6403	.04727	.25964	.51832	.01809	.19321

#1	2.4736	25.236	2.4694	1.2640	25.024	2.4936	2.5328
#2	2.4692	25.913	2.4676	1.2619	25.261	2.4932	2.5276
#3	2.4530	26.011	2.4672	1.2576	25.237	2.4941	2.5230

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.891	5.0400	4.9223	5.2016	4.8700	5.0142	5.0043
Stddev	.102	.0087	.0756	.0410	.0535	.0151	.0323
%RSD	.41167	.17242	1.5362	.78817	1.0989	.30199	.64502

#1	24.778	5.0479	4.8791	5.2441	4.9021	5.0240	4.9964
#2	24.916	5.0414	4.8781	5.1982	4.8083	5.0220	4.9767
#3	24.979	5.0307	5.0096	5.1624	4.8998	4.9968	5.0398

Sample Name: CCV04 Acquired: 7/31/2019 16:32:55 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.7649	5.186	5.0077	4.7397	F 4.1588
Stddev	.0242	.012	.0304	.2474	.2338
%RSD	.50826	.2302	.60701	5.2199	5.6222

#1	4.7732	5.189	5.0006	4.6562	4.3753
#2	4.7376	5.195	4.9815	4.5449	3.9109
#3	4.7839	5.172	5.0410	5.0181	4.1901

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2661.1	32265.	2268.8	33.752	2743.2
Stddev	9.1	30.	17.5	1.094	7.5
%RSD	.34359	.09258	.77301	3.2412	.27350

#1	2651.6	32230.	2256.0	34.170	2734.8
#2	2662.1	32286.	2288.8	34.576	2745.5
#3	2669.8	32278.	2261.7	32.511	2749.3

Sample Name: CCB04 Acquired: 7/31/2019 16:36:53 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA8446 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00208	.00020	-.00046	.00206	-.00163	-.01440	.00175
Stddev	.00445	.00133	.00076	.00203	.00176	.01240	.00033
%RSD	213.73	666.15	166.13	98.843	108.29	86.069	18.555

#1	.00304	.00090	.00006	.00001	-.00034	-.00009	.00141
#2	-.00433	-.00134	-.00010	.00407	-.00090	-.02146	.00180
#3	-.00496	.00104	-.00133	.00209	-.00364	-.02167	.00205

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00000	-.02601	.00023	.00022	-.00044	.00126
Stddev	.00008	.00005	.03024	.00040	.00014	.00019	.00082
%RSD	2331.7	1262.4	116.23	176.67	62.456	42.052	64.892

#1	-.00010	.00006	-.02085	.00017	.00006	-.00047	.00218
#2	.00004	-.00002	-.05850	-.00014	.00030	-.00061	.00063
#3	.00004	-.00003	.00131	.00065	.00030	-.00024	.00097

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00706	.00065	.00093	-.02920	-.00026	-.00175
Stddev	.00005	.04661	.00011	.00090	.01683	.00072	.00004
%RSD	42.093	659.85	17.685	96.245	57.661	275.20	2.4021

#1	-.00007	-.00156	.00058	.00195	-.02716	-.00020	-.00179
#2	-.00017	-.05618	.00058	.00024	-.04696	-.00101	-.00171
#3	-.00015	.03655	.00078	.00061	-.01347	.00043	-.00174

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04586	.00043	.00218	F .03182	.00122	-.00156	-.00102
Stddev	.06460	.00047	.03508	.00951	.00166	.00048	.00188
%RSD	140.85	108.11	1611.9	29.893	135.84	30.877	184.39

#1	-.01100	.00097	-.03829	.04064	.00164	-.00109	-.00313
#2	.03249	.00008	.02403	.03307	-.00061	-.00153	-.00042
#3	.11610	.00026	.02078	.02174	.00262	-.00205	.00049

Sample Name: CCB04 Acquired: 7/31/2019 16:36:53 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSA8446 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00066	-.0047	.00015	F 3.6221	F 5.3349
Stddev	.00058	.0009	.00016	.2723	1.5403
%RSD	88.428	19.73	106.68	7.5185	28.873

#1	.00117	-.0057	.00033	3.4007	6.0372
#2	.00002	-.0043	.00001	3.9262	6.3989
#3	.00078	-.0040	.00012	3.5393	3.5686

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2748.7	33704.	2271.7	35.365	2998.2
Stddev	2.8	161.	16.2	.489	7.0
%RSD	.10369	.47866	.71412	1.3822	.23381

#1	2750.3	33668.	2257.3	35.407	2990.8
#2	2750.3	33564.	2268.6	34.857	3004.7
#3	2745.4	33881.	2289.3	35.832	2999.1

Sample Name: K4079-02LX5 Acquired: 7/31/2019 16:41:23 Type: Unk
Method: P4-ICP2(v3306) 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	.01405	-.00177	-.00183	.00045	-.00042	.22537	.00953
Stddev	.00361	.00144	.00083	.00184	.00130	.01853	.00014
%RSD	25.693	81.667	45.164	407.63	311.96	8.2205	1.4275

#1	.01513	-.00230	-.00106	-.00167	-.00178	.21176	.00937
#2	.01002	-.00287	-.00270	.00132	.00080	.21788	.00956
#3	.01699	-.00013	-.00172	.00170	-.00027	.24647	.00964

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00012	15.550	.00250	.00026	.00216	-.00204
Stddev	.00010	.00003	.058	.00024	.00021	.00051	.00073
%RSD	229.78	23.888	.37188	9.4070	81.506	23.519	35.795

#1	.00014	-.00012	15.486	.00276	.00003	.00240	-.00287
#2	.00006	-.00009	15.566	.00242	.00044	.00158	-.00154
#3	-.00007	-.00015	15.598	.00231	.00030	.00251	-.00170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.26399	.00049	.00140	20.337	.00526	.00288
Stddev	.00004	.07229	.00054	.00072	.093	.00015	.00008
%RSD	20.752	27.382	108.40	51.767	.45658	2.7841	2.8692

#1	.00015	.23228	.00107	.00132	20.300	.00515	.00292
#2	.00022	.21297	.00040	.00071	20.269	.00543	.00278
#3	.00017	.34671	.00001	.00216	20.443	.00521	.00293

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.820	.00488	.01379	F 10.180	3.4136	-.00635	-.00011
Stddev	.037	.00057	.01680	.033	.0247	.00120	.00256
%RSD	.33795	11.645	121.88	.32464	.72359	18.913	2364.7

#1	10.842	.00552	.03231	10.147	3.3858	-.00766	.00259
#2	10.778	.00443	-.00047	10.213	3.4332	-.00530	-.00040
#3	10.841	.00470	.00952	10.182	3.4216	-.00610	-.00251

Sample Name: K4079-02LX5 Acquired: 7/31/2019 16:41:23 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00058	-.0021	.34214	3.9627	7.3607
Stddev	.00425	.0024	.00234	.2167	.3219
%RSD	730.13	113.5	.68475	5.4695	4.3731

#1	-.00394	-.0013	.34020	4.2104	6.9930
#2	.00448	-.0047	.34149	3.8693	7.5916
#3	.00120	-.0002	.34474	3.8082	7.4974

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2751.0	33483.	2294.3	37.237	3036.8
Stddev	7.7	123.	4.7	.944	4.7
%RSD	.28039	.36750	.20647	2.5343	.15611

#1	2742.8	33389.	2299.8	36.264	3031.8
#2	2758.1	33622.	2291.4	38.148	3041.2
#3	2752.2	33439.	2291.7	37.301	3037.5

Sample Name: K4079-02MS Acquired: 7/31/2019 16:45:48 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TANK-4MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94814	2.0820	1.0396	2.1576	.85792	3.2783	.25954
Stddev	.01017	.0183	.0106	.0110	.00634	.0403	.00292
%RSD	1.0731	.88096	1.0168	.50965	.73850	1.2306	1.1235

#1	.94393	2.0609	1.0275	2.1460	.85269	3.2496	.25661
#2	.94074	2.0906	1.0469	2.1588	.85610	3.2610	.25958
#3	.95974	2.0944	1.0444	2.1679	.86496	3.3245	.26244

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22517	.20560	77.686	.44022	.21520	.34433	3.2977
Stddev	.00130	.00180	.398	.00299	.00191	.00216	.0153
%RSD	.57952	.87532	.51170	.67894	.88974	.62871	.46231

#1	.22420	.20355	77.294	.43732	.21303	.34248	3.2822
#2	.22467	.20634	78.089	.44005	.21593	.34379	3.2982
#3	.22665	.20692	77.674	.44329	.21664	.34671	3.3127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21573	3.5415	.52838	.09223	104.29	.36102	.24880
Stddev	.00171	.1094	.00508	.00099	1.03	.00127	.00201
%RSD	.79363	3.0876	.96197	1.0714	.98385	.35072	.80875

#1	.21488	3.4243	.52258	.09164	103.70	.36101	.24650
#2	.21461	3.5595	.53053	.09167	103.70	.35976	.24966
#3	.21770	3.6408	.53204	.09337	105.47	.36229	.25023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	65.127	.44706	.51791	F 52.052	F 17.875	.72580	.20796
Stddev	.703	.00302	.01929	.376	.143	.00671	.00301
%RSD	1.0791	.67585	3.7246	.72297	.79977	.92393	1.4461

#1	64.684	.44371	.50155	51.631	17.841	.71847	.20684
#2	64.760	.44788	.51299	52.169	18.032	.72731	.21137
#3	65.937	.44959	.53918	52.355	17.752	.73163	.20568

Sample Name: K4079-02MS Acquired: 7/31/2019 16:45:48 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TANK-4MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22953	6.744	1.8726	3.6021	7.5726
Stddev	.00449	.068	.0096	.1391	.3802
%RSD	1.9545	1.013	.51301	3.8626	5.0206

#1	.22439	6.666	1.8630	3.4688	7.3745
#2	.23154	6.774	1.8822	3.7464	8.0109
#3	.23266	6.793	1.8726	3.5912	7.3323

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2825.5	33908.	2316.5	36.462	2978.0
Stddev	11.2	176.	20.6	.465	18.0
%RSD	.39568	.51967	.88914	1.2766	.60302

#1	2838.3	34047.	2318.6	36.095	2997.6
#2	2817.5	33966.	2295.0	36.986	2962.4
#3	2820.9	33710.	2336.0	36.306	2974.1

Sample Name: K4079-02MSD Acquired: 7/31/2019 16:49:55 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TANK-4MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96391	2.1134	1.0604	2.1991	.87829	3.3733	.26505
Stddev	.00806	.0151	.0065	.0071	.00712	.0219	.00476
%RSD	.83614	.71506	.61126	.32225	.81106	.64913	1.7942

#1	.97317	2.1308	1.0665	2.2071	.88608	3.3538	.26042
#2	.95854	2.1062	1.0536	2.1934	.87211	3.3690	.26480
#3	.96000	2.1033	1.0610	2.1969	.87668	3.3970	.26992

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22988	.20873	78.636	.45237	.21892	.35104	3.3825
Stddev	.00032	.00124	.952	.00108	.00082	.00323	.0026
%RSD	.13773	.59592	1.2106	.23914	.37675	.91986	.07583

#1	.22980	.21017	77.599	.45266	.21984	.35474	3.3798
#2	.23023	.20798	78.839	.45117	.21865	.34963	3.3848
#3	.22961	.20804	79.471	.45327	.21826	.34876	3.3829

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22247	3.5063	.53664	.09437	107.17	.37232	.25224
Stddev	.00071	.0303	.00321	.00087	.74	.00163	.00188
%RSD	.32061	.86402	.59773	.92357	.69234	.43687	.74634

#1	.22281	3.4857	.54033	.09518	106.56	.37372	.25441
#2	.22165	3.4922	.53447	.09449	106.96	.37053	.25098
#3	.22294	3.5411	.53513	.09344	108.00	.37269	.25134

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	67.230	.45632	.52930	F 53.445	F 18.110	.73589	.20918
Stddev	.259	.00236	.01948	.308	.036	.00629	.00241
%RSD	.38574	.51666	3.6799	.57659	.19655	.85430	1.1532

#1	67.025	.45904	.52990	53.798	18.105	.74312	.20648
#2	67.142	.45479	.50952	53.231	18.147	.73288	.20996
#3	67.521	.45514	.54846	53.305	18.076	.73167	.21112

Sample Name: K4079-02MSD Acquired: 7/31/2019 16:49:55 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TANK-4MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23488	6.864	1.8899	3.7130	8.3811
Stddev	.00355	.035	.0154	.1363	.3127
%RSD	1.5124	.5124	.81292	3.6718	3.7312

#1	.23080	6.904	1.8728	3.5713	8.1904
#2	.23724	6.837	1.8944	3.7244	8.2108
#3	.23661	6.851	1.9026	3.8432	8.7420

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.0	33299.	2318.8	36.613	2949.9
Stddev	22.0	58.	2.1	.966	21.3
%RSD	.78804	.17480	.08854	2.6373	.72100

#1	2769.8	33259.	2320.0	37.568	2925.9
#2	2810.3	33366.	2316.5	35.637	2966.2
#3	2804.9	33272.	2320.1	36.634	2957.8

Sample Name: K4079-02A Acquired: 7/31/2019 16:54:01 Type: Unk
Method: P4-ICP2(v3306) 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	.94710	2.0907	1.0487	2.1732	.87104	3.3274	.26161
Stddev	.00474	.0118	.0037	.0116	.00338	.0477	.00474
%RSD	.50091	.56463	.35677	.53316	.38808	1.4341	1.8135

#1	.95240	2.1030	1.0491	2.1825	.87110	3.2964	.25673
#2	.94325	2.0896	1.0523	2.1769	.87439	3.3035	.26189
#3	.94566	2.0794	1.0448	2.1602	.86763	3.3824	.26621

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22658	.20653	77.774	.44672	.21672	.34773	3.3426
Stddev	.00088	.00033	.336	.00145	.00047	.00089	.0162
%RSD	.38827	.16068	.43177	.32460	.21821	.25454	.48555

#1	.22725	.20672	77.476	.44778	.21667	.34795	3.3373
#2	.22558	.20672	78.138	.44507	.21721	.34848	3.3298
#3	.22690	.20615	77.710	.44732	.21627	.34676	3.3609

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21797	3.5840	.53186	.09287	105.20	.36399	.25142
Stddev	.00031	.0520	.00159	.00076	.95	.00159	.00072
%RSD	.14410	1.4497	.29975	.81529	.89894	.43694	.28453

#1	.21783	3.5241	.53319	.09210	104.14	.36533	.25140
#2	.21833	3.6119	.53228	.09290	105.50	.36223	.25214
#3	.21776	3.6161	.53009	.09361	105.96	.36439	.25071

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	65.853	.45046	.51766	F 52.655	F 17.928	.72842	.21245
Stddev	.685	.00032	.01237	.168	.228	.00434	.00717
%RSD	1.0402	.07155	2.3897	.31834	1.2712	.59570	3.3733

#1	65.178	.45044	.51095	52.822	18.171	.73067	.20426
#2	65.833	.45079	.51009	52.487	17.894	.73117	.21556
#3	66.548	.45015	.53193	52.657	17.719	.72342	.21755

Sample Name: K4079-02A Acquired: 7/31/2019 16:54:01 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22801	6.795	1.8716	3.5791	6.8328
Stddev	.00219	.034	.0078	.2639	2.0910
%RSD	.96181	.4960	.41654	7.3729	30.603

#1	.22553	6.823	1.8721	3.3560	9.1012
#2	.22972	6.806	1.8791	3.5108	4.9822
#3	.22877	6.758	1.8636	3.8704	6.4149

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2818.8	33601.	2319.7	35.227	2970.2
Stddev	7.3	182.	15.9	1.588	4.3
%RSD	.25935	.54159	.68397	4.5082	.14556

#1	2815.1	33755.	2304.5	35.265	2966.7
#2	2827.3	33648.	2318.4	33.620	2975.0
#3	2814.1	33400.	2336.2	36.795	2969.0

Sample Name: K3618-10MSD Acquired: 7/31/2019 16:58:06 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80875	2.0287	1.0346	2.0113	.80238	2.1400	.38355	.20577	.20700
Stddev	.00318	.0086	.0025	.0034	.00333	.0180	.00340	.00064	.00022
%RSD	.39352	.42312	.24125	.16771	.41474	.83981	.88639	.31120	.10541

#1	.80524	2.0372	1.0372	2.0104	.80393	2.1280	.38047	.20612	.20700
#2	.81145	2.0287	1.0342	2.0151	.80466	2.1313	.38297	.20615	.20722
#3	.80957	2.0201	1.0323	2.0085	.79856	2.1607	.38720	.20503	.20679

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9976	.41459	.22607	.31983	3.8269	1.1097	4.8070	.52703	.09043
Stddev	.0903	.00065	.00020	.00025	.0025	.0009	.0859	.00145	.00016
%RSD	.90345	.15621	.08884	.07797	.06595	.08288	1.7874	.27474	.18046

#1	9.8988	.41473	.22599	.32011	3.8269	1.1091	4.7108	.52537	.09043
#2	10.018	.41388	.22592	.31977	3.8295	1.1107	4.8341	.52770	.09060
#3	10.076	.41515	.22630	.31962	3.8244	1.1092	4.8761	.52802	.09027

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	304.57	.32145	.24935	11.153	.40700	.28932	.54929	1.5374	.73459
Stddev	1.29	.00212	.00036	.115	.00017	.02492	.03651	.0121	.00170
%RSD	.42412	.65879	.14468	1.0353	.04139	8.6133	6.6468	.78929	.23108

#1	303.32	.32335	.24973	11.097	.40703	.30342	.58630	1.5417	.73647
#2	304.48	.31917	.24902	11.076	.40715	.26055	.54826	1.5468	.73412
#3	305.90	.32183	.24929	11.286	.40682	.30400	.51330	1.5237	.73317

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20417	.21184	6.610	.23413	5.0554	8.0292			
Stddev	.00200	.00091	.029	.00079	.0562	1.1318			
%RSD	.98107	.42989	.4451	.33667	1.1109	14.096			

#1	.20536	.21124	6.639	.23322	4.9925	6.8591			
#2	.20528	.21139	6.610	.23456	5.0728	8.1103			
#3	.20185	.21289	6.580	.23461	5.1007	9.1184			

Sample Name: K3618-10MSD Acquired: 7/31/2019 16:58:06 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2671.4	32023.	2240.0	34.267	2658.8
Stddev	2.5	86.	17.1	.125	4.5
%RSD	.09292	.26861	.76147	.36403	.16750
#1	2671.9	31926.	2228.0	34.127	2659.8
#2	2668.7	32050.	2232.4	34.306	2653.9
#3	2673.6	32092.	2259.5	34.367	2662.7

Sample Name: K3618-10A Acquired: 7/31/2019 17:02:15 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80107	2.0154	1.0218	1.9812	.79141	2.1397	.38187	.20338	.20456
Stddev	.00160	.0059	.0035	.0060	.00361	.0317	.00391	.00065	.00022
%RSD	.19946	.29371	.34636	.30415	.45614	1.4795	1.0249	.31788	.10534

#1	.80232	2.0113	1.0258	1.9881	.78898	2.1135	.37755	.20331	.20432
#2	.79927	2.0222	1.0189	1.9768	.78970	2.1306	.38288	.20278	.20475
#3	.80161	2.0127	1.0208	1.9788	.79556	2.1749	.38518	.20406	.20461

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8299	.40970	.22393	.31540	3.7958	1.0943	4.9367	.52178	.09062
Stddev	.0318	.00184	.00013	.00151	.0026	.0032	.1040	.00102	.00062
%RSD	.32390	.44830	.05915	.47999	.06854	.29637	2.1074	.19529	.67888

#1	9.7934	.41179	.22405	.31456	3.7929	1.0962	4.9345	.52276	.09094
#2	9.8442	.40900	.22395	.31715	3.7979	1.0961	5.0418	.52073	.08991
#3	9.8521	.40832	.22379	.31448	3.7967	1.0905	4.8338	.52186	.09101

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	302.68	.31613	.24534	11.131	.40285	.31371	.41608	1.4857	.72623
Stddev	1.75	.00316	.00036	.120	.00130	.03715	.00541	.0080	.00156
%RSD	.57762	.99989	.14763	1.0822	.32355	11.844	1.3009	.53799	.21441

#1	300.87	.31978	.24569	11.019	.40413	.29300	.42216	1.4945	.72727
#2	302.82	.31437	.24497	11.114	.40288	.29152	.41432	1.4836	.72697
#3	304.36	.31424	.24535	11.258	.40153	.35660	.41177	1.4789	.72444

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19816	.20871	6.509	.22950	4.6837	8.5808			
Stddev	.00343	.00263	.002	.00116	.2049	.7274			
%RSD	1.7331	1.2623	.0226	.50668	4.3745	8.4765			

#1	.20206	.20572	6.510	.22840	4.5514	7.9257			
#2	.19562	.20974	6.508	.23072	4.5799	8.4532			
#3	.19679	.21068	6.510	.22938	4.9197	9.3635			

Sample Name: K3618-10A Acquired: 7/31/2019 17:02:15 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2715.1	32586.	2315.0	35.201	2698.6
Stddev	5.0	82.	20.3	.584	4.4
%RSD	.18486	.25262	.87603	1.6585	.16206
#1	2709.5	32530.	2295.7	34.581	2693.6
#2	2716.7	32680.	2313.1	35.740	2701.0
#3	2719.1	32547.	2336.2	35.281	2701.2

Sample Name: CCV05 Acquired: 7/31/2019 17:06:24 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0522	5.0467	5.0217	5.0971	5.0451	9.8705	10.052
Stddev	.0174	.0069	.0105	.0090	.0077	.1501	.098
%RSD	.34348	.13573	.20853	.17735	.15346	1.5210	.97318

#1	5.0685	5.0520	5.0330	5.1043	5.0534	9.7246	9.9440
#2	5.0339	5.0492	5.0198	5.0999	5.0382	9.8624	10.078
#3	5.0543	5.0390	5.0123	5.0869	5.0437	10.025	10.134

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25369	2.4859	25.162	.99720	2.5107	1.2690	5.0630
Stddev	.00047	.0038	.226	.00191	.0021	.0045	.0104
%RSD	.18343	.15148	.89708	.19133	.08499	.35165	.20480

#1	.25316	2.4901	24.972	.99770	2.5098	1.2736	5.0691
#2	.25388	2.4848	25.102	.99509	2.5131	1.2689	5.0510
#3	.25403	2.4828	25.412	.99880	2.5091	1.2647	5.0689

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4591	25.355	2.4834	1.2571	25.083	2.4986	2.5173
Stddev	.0083	.544	.0035	.0015	.249	.0016	.0009
%RSD	.33747	2.1440	.14231	.11922	.99338	.06466	.03466

#1	2.4560	24.743	2.4873	1.2588	24.815	2.4989	2.5182
#2	2.4527	25.540	2.4826	1.2560	25.128	2.4968	2.5165
#3	2.4684	25.782	2.4804	1.2566	25.308	2.5000	2.5171

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.620	5.0349	4.8036	5.0673	4.8878	5.0198	5.0009
Stddev	.310	.0106	.0981	.0274	.0194	.0169	.0445
%RSD	1.2601	.21051	2.0427	.54043	.39721	.33595	.89093

#1	24.298	5.0470	4.6920	5.0792	4.9046	5.0316	4.9494
#2	24.646	5.0275	4.8427	5.0867	4.8921	5.0005	5.0253
#3	24.917	5.0300	4.8762	5.0360	4.8665	5.0272	5.0278

Sample Name: CCV05 Acquired: 7/31/2019 17:06:24 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.8062	5.208	5.0097	F 4.4925	4.9249
Stddev	.0378	.008	.0259	.1587	.4810
%RSD	.78566	.1570	.51595	3.5317	9.7662

#1	4.7794	5.208	4.9819	4.4105	4.3770
#2	4.8494	5.216	5.0331	4.6754	5.2776
#3	4.7899	5.200	5.0141	4.3916	5.1202

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2697.3	32667.	2267.6	34.598	2770.9
Stddev	3.9	78.	12.9	.405	5.3
%RSD	.14490	.23833	.56990	1.1709	.19271

#1	2695.8	32757.	2262.1	34.399	2770.2
#2	2694.3	32627.	2258.3	35.065	2765.9
#3	2701.7	32618.	2282.4	34.332	2776.5

Sample Name: CCB05 Acquired: 7/31/2019 17:10:22 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00367	-.00104	-.00148	-.00223	.00138	-.00210	.00134
Stddev	.00139	.00065	.00092	.00230	.00086	.00434	.00060
%RSD	37.790	62.237	61.895	103.22	62.159	206.51	44.514

#1	-.00245	-.00085	-.00113	.00022	.00042	.00290	.00117
#2	-.00518	-.00051	-.00079	-.00256	.00208	-.00430	.00085
#3	-.00338	-.00177	-.00252	-.00434	.00164	-.00491	.00201

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00006	-.01249	.00012	.00007	-.00088	.00169
Stddev	.00010	.00007	.01394	.00066	.00011	.00042	.00055
%RSD	372.42	108.73	111.58	551.28	167.33	48.249	32.460

#1	-.00006	-.00010	-.01743	-.00059	-.00003	-.00085	.00147
#2	.00001	.00002	.00324	.00070	.00019	-.00131	.00232
#3	.00014	-.00010	-.02329	.00025	.00004	-.00047	.00129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00065	.00063	.00099	.03242	.00004	-.00207
Stddev	.00007	.19381	.00047	.00048	.01436	.00017	.00003
%RSD	156.73	30009.	74.527	48.763	44.292	489.68	1.2827

#1	-.00009	.16361	.00011	.00067	.03810	.00005	-.00204
#2	.00004	-.21441	.00103	.00075	.04307	.00020	-.00208
#3	-.00009	.04886	.00074	.00154	.01609	-.00015	-.00209

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07930	.00065	-.01673	F .01664	.00375	-.00157	.00114
Stddev	.05369	.00035	.00631	.00151	.00156	.00094	.00391
%RSD	67.699	53.737	37.687	9.0627	41.708	59.509	344.11

#1	.12400	.00104	-.02056	.01719	.00244	-.00172	.00534
#2	.01975	.00038	-.02019	.01780	.00548	-.00243	-.00239
#3	.09415	.00053	-.00945	.01494	.00333	-.00057	.00045

Sample Name: CCB05 Acquired: 7/31/2019 17:10:22 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.0038	.00024	F 2.7984	F 4.3978
Stddev	.00095	.0009	.00019	.2424	.9026
%RSD	68606.	23.56	79.850	8.6623	20.525

#1	.00076	-.0033	.00027	2.9983	3.3644
#2	-.00106	-.0034	.00003	2.8681	5.0321
#3	.00029	-.0049	.00040	2.5288	4.7968

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2789.2	33815.	2279.6	35.929	3029.3
Stddev	5.3	117.	20.9	1.204	6.2
%RSD	.18942	.34571	.91491	3.3512	.20629

#1	2786.0	33717.	2257.0	37.280	3025.9
#2	2786.2	33783.	2284.0	34.968	3025.6
#3	2795.3	33944.	2298.0	35.539	3036.5

Sample Name: PB121857BS Acquired: 7/31/2019 17:14:52 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72706	1.8932	.92240	1.9022	.76378	1.8163	.19230
Stddev	.00200	.0049	.00338	.0035	.00338	.0134	.00167
%RSD	.27447	.25679	.36647	.18511	.44306	.73715	.87014

#1	.72879	1.8922	.91862	1.8992	.75988	1.8071	.19090
#2	.72753	1.8889	.92345	1.9013	.76552	1.8101	.19185
#3	.72488	1.8985	.92513	1.9060	.76595	1.8316	.19415

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19091	.18328	.98554	.38788	.18890	.30378	2.9930
Stddev	.00035	.00036	.02595	.00075	.00016	.00063	.0025
%RSD	.18189	.19903	2.6328	.19302	.08261	.20825	.08312

#1	.19114	.18287	.95578	.38870	.18888	.30309	2.9902
#2	.19051	.18356	.99744	.38768	.18876	.30433	2.9935
#3	.19109	.18343	1.0034	.38724	.18907	.30392	2.9951

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19659	1.8721	.47295	.08493	2.8454	.28898	.18868
Stddev	.00032	.0551	.00169	.00083	.0455	.00082	.00013
%RSD	.16434	2.9426	.35787	.98103	1.5985	.28249	.06974

#1	.19633	1.9117	.47192	.08557	2.7953	.28867	.18862
#2	.19650	1.8092	.47490	.08523	2.8568	.28837	.18883
#3	.19695	1.8954	.47203	.08399	2.8841	.28991	.18859

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1156	.37926	F .24036	F .00692	.95094	.64865	.19186
Stddev	.1033	.00135	.02027	.00367	.01043	.00080	.00089
%RSD	1.1328	.35718	8.4332	53.073	1.0971	.12397	.46409

#1	9.0665	.37770	.21712	.01001	.96293	.64926	.19282
#2	9.0461	.38017	.24956	.00788	.94394	.64896	.19172
#3	9.2343	.37991	.25439	.00286	.94594	.64774	.19106

Sample Name: PB121857BS Acquired: 7/31/2019 17:14:52 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19531	F 5.544	.19358	F 2.8541	F 1.7078
Stddev	.00315	.010	.00107	.0885	.9131
%RSD	1.6133	.1825	.55081	3.1003	53.469

#1	.19888	5.535	.19329	2.8277	1.8150
#2	.19292	5.542	.19268	2.9528	.74576
#3	.19413	5.555	.19476	2.7818	2.5626

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.4	33747.	2274.7	35.476	3027.2
Stddev	5.3	79.	15.3	.471	8.3
%RSD	.18979	.23415	.67394	1.3265	.27448

#1	2789.7	33781.	2257.1	35.689	3019.6
#2	2800.3	33804.	2285.3	34.936	3036.1
#3	2796.1	33657.	2281.7	35.802	3025.8

Sample Name: K4066-02 Acquired: 7/31/2019 17:19:02 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB8446 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	-.00291	.00086	-.00090	-.00029	.06579	.17760	.00008
Stddev	.00616	.00190	.00059	.00255	.00161	.00740	.00183	.00013
%RSD	3582.3	65.250	68.588	282.78	562.27	11.252	1.0278	161.38

#1	.00625	-.00404	.00143	.00156	-.00212	.06477	.17580	.00019
#2	-.00073	-.00072	.00026	-.00354	.00085	.05896	.17755	.00013
#3	-.00603	-.00397	.00089	-.00072	.00041	.07366	.17945	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	8.8183	.00003	.00031	.00508	.01552	.02989	.81509
Stddev	.00004	.0606	.00036	.00013	.00036	.00029	.00026	.01018
%RSD	29.598	.68764	1088.9	42.978	7.1169	1.8639	.86257	1.2491

#1	.00008	8.7510	.00041	.00035	.00545	.01584	.02966	.81521
#2	.00013	8.8351	-.00031	.00016	.00506	.01527	.02985	.80485
#3	.00016	8.8687	.00000	.00041	.00473	.01546	.03017	.82521

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	.00108	255.50	.00048	.09522	1.0068	-.00003	-.01673
Stddev	.00051	.00075	2.14	.00067	.00025	.0470	.00027	.01494
%RSD	86.623	69.209	.83864	139.21	.26348	4.6677	1051.7	89.266

#1	.00060	.00057	253.03	-.00020	.09538	.95666	-.00033	-.01317
#2	.00008	.00194	256.59	.00115	.09534	1.0498	.00012	-.03313
#3	.00111	.00073	256.88	.00051	.09493	1.0139	.00014	-.00390

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35644	.57209	-.00064	-.00051	-.00171	.0296	.07016	4.8518
Stddev	.00036	.00155	.00023	.00249	.00171	.0014	.00022	.2763
%RSD	.10034	.27017	36.478	492.40	99.814	4.616	.31739	5.6940

#1	.35643	.57353	-.00083	-.00279	-.00173	.0281	.06997	5.1489
#2	.35680	.57046	-.00072	.00215	.00001	.0304	.07009	4.8038
#3	.35608	.57227	-.00038	-.00087	-.00341	.0305	.07040	4.6027

Sample Name: K4066-02 Acquired: 7/31/2019 17:19:02 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB8446 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 9.9485
Stddev 1.3347
%RSD 13.416

#1 10.049
#2 8.5663
#3 11.230

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2671.4	31750.	2257.1	35.387	2777.6
Stddev	7.2	94.	12.4	.350	10.8
%RSD	.27121	.29659	.55041	.98839	.39030

#1	2668.9	31725.	2243.0	35.009	2768.4
#2	2665.7	31854.	2261.6	35.453	2774.9
#3	2679.6	31671.	2266.5	35.699	2789.5

Sample Name: K4066-08 Acquired: 7/31/2019 17:25:38 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00246	-.00561	.00326	.00331	-.00202	.23618	.16548	.00009
Stddev	.00269	.00126	.00129	.00241	.00133	.01896	.00110	.00013
%RSD	109.54	22.355	39.438	72.802	65.856	8.0284	.66631	137.27

#1	-.00174	-.00464	.00272	.00387	-.00118	.22757	.16429	.00012
#2	-.00543	-.00517	.00473	.00067	-.00133	.22306	.16647	.00021
#3	-.00019	-.00703	.00233	.00540	-.00356	.25792	.16567	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	62.213	.00033	.00228	.01212	.06136	.45289	2.6194
Stddev	.00000	.354	.00069	.00041	.00016	.00108	.00227	.0307
%RSD	5.5712	.56953	207.61	18.007	1.3293	1.7634	.50044	1.1713

#1	.00004	61.890	.00110	.00180	.01195	.06243	.45106	2.6410
#2	.00004	62.157	.00012	.00250	.01214	.06140	.45220	2.6330
#3	.00004	62.592	-.00022	.00252	.01227	.06026	.45543	2.5843

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00161	.00203	328.55	-.00038	.05139	1.4865	-.00037	-.00868
Stddev	.00048	.00083	3.39	.00047	.00008	.0564	.00068	.02048
%RSD	29.498	40.949	1.0328	125.75	.15835	3.7958	185.02	235.92

#1	.00214	.00299	324.65	-.00030	.05132	1.4217	.00004	.00319
#2	.00147	.00153	330.86	.00005	.05136	1.5241	-.00115	.00310
#3	.00122	.00157	330.14	-.00088	.05148	1.5139	.00001	-.03233

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1324	1.3939	-.00035	.00130	.00193	.0135	.27533	5.2501
Stddev	.0154	.0141	.00068	.00576	.00047	.0012	.00126	.0503
%RSD	1.3582	1.0080	196.02	442.34	24.577	8.824	.45930	.95786

#1	1.1501	1.4088	-.00111	.00569	.00206	.0123	.27432	5.3046
#2	1.1222	1.3809	.00021	-.00523	.00140	.0147	.27492	5.2401
#3	1.1249	1.3920	-.00014	.00345	.00232	.0135	.27675	5.2055

Sample Name: K4066-08 Acquired: 7/31/2019 17:25:38 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-11 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.325
 Stddev .169
 %RSD 1.6391

#1 10.520
 #2 10.240
 #3 10.216

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2640.0	31270.	2230.7	34.527	2710.4
Stddev	10.2	90.	17.8	.757	11.1
%RSD	.38591	.28635	.79614	2.1927	.41124

#1	2629.2	31373.	2213.8	33.685	2698.8
#2	2649.5	31220.	2249.2	35.152	2721.0
#3	2641.4	31216.	2229.2	34.745	2711.5

Sample Name: K4066-12 Acquired: 7/31/2019 17:30:03 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00287	-.00653	-.00048	-.00077	-.00359	.17982	.18765	.00007
Stddev	.00587	.00108	.00118	.00169	.00219	.00483	.00371	.00016
%RSD	204.67	16.494	245.53	220.45	61.014	2.6867	1.9772	234.68

#1	.00335	-.00674	-.00020	.00118	-.00293	.17472	.18337	.00025
#2	-.00364	-.00536	-.00177	-.00177	-.00180	.18042	.18978	-.00003
#3	-.00831	-.00748	.00053	-.00171	-.00604	.18432	.18980	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	35.339	-.00057	.01064	.01188	.00941	.78103	3.3568
Stddev	.00013	.080	.00022	.00020	.00016	.00040	.00248	.0697
%RSD	58.428	.22570	37.562	1.8392	1.3417	4.2119	.31746	2.0773

#1	.00036	35.376	-.00066	.01049	.01171	.00896	.77895	3.2836
#2	.00011	35.247	-.00073	.01057	.01191	.00973	.78377	3.4225
#3	.00019	35.393	-.00033	.01086	.01202	.00953	.78035	3.3641

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00247	.00154	323.54	-.00069	.07808	.97962	-.00014	.01195
Stddev	.00095	.00014	3.36	.00049	.00028	.08992	.00019	.01383
%RSD	38.685	9.1259	1.0397	70.877	.35937	9.1787	136.27	115.70

#1	.00151	.00141	319.94	-.00075	.07821	1.0036	-.00028	.02673
#2	.00247	.00151	326.61	-.00017	.07828	.88013	-.00021	-.00069
#3	.00342	.00169	324.05	-.00114	.07776	1.0551	.00007	.00982

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63008	2.9643	-.00104	-.00189	.00173	.0040	.13373	4.6340
Stddev	.00425	.0523	.00088	.00114	.00230	.0041	.00077	.1015
%RSD	.67387	1.7645	84.472	60.345	133.43	103.5	.57364	2.1897

#1	.62557	3.0224	-.00056	-.00226	-.00083	.0026	.13350	4.5600
#2	.63067	2.9209	-.00050	-.00280	.00363	.0007	.13311	4.7497
#3	.63400	2.9496	-.00205	-.00061	.00237	.0087	.13459	4.5924

Sample Name: K4066-12 Acquired: 7/31/2019 17:30:03 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-12 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.995
 Stddev .983
 %RSD 8.9384

#1 11.060
 #2 9.9812
 #3 11.943

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2648.5	31419.	2228.3	33.538	2723.0
Stddev	5.3	146.	19.8	1.546	6.6
%RSD	.19954	.46380	.88634	4.6087	.24121

#1	2654.3	31552.	2205.8	31.861	2730.6
#2	2647.0	31263.	2242.7	33.846	2718.5
#3	2644.1	31441.	2236.3	34.906	2720.0

Sample Name: K4066-16 Acquired: 7/31/2019 17:34:27 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00250	-.00670	.00234	.00274	-.00298	.19142	.09894	.00010
Stddev	.00086	.00196	.00090	.00464	.00086	.00204	.00159	.00001
%RSD	34.497	29.299	38.720	169.52	29.014	1.0676	1.6045	9.2610

#1	.00203	-.00582	.00194	-.00022	-.00253	.19345	.09723	.00009
#2	.00349	-.00533	.00169	.00035	-.00398	.19145	.09922	.00010
#3	.00198	-.00895	.00337	.00808	-.00244	.18936	.10036	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	93.844	-.00089	.00764	.00602	.85263	1.3458	3.1366
Stddev	.00016	.362	.00069	.00050	.00026	.00393	.0015	.0460
%RSD	500.74	.38557	77.979	6.6052	4.2684	.46150	.11227	1.4678

#1	.00011	93.456	-.00009	.00706	.00626	.85697	1.3470	3.1873
#2	-.00021	94.173	-.00121	.00789	.00575	.85161	1.3441	3.0973
#3	.00000	93.901	-.00136	.00796	.00606	.84930	1.3463	3.1252

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00257	.00541	298.98	-.00244	.02728	1.4457	-.00011	-.01300
Stddev	.00017	.00058	2.52	.00027	.00022	.0277	.00031	.01593
%RSD	6.5583	10.764	.84399	10.933	.81258	1.9124	294.12	122.53

#1	.00255	.00540	296.09	-.00274	.02754	1.4655	.00021	.00538
#2	.00276	.00600	300.16	-.00233	.02715	1.4141	-.00041	-.02163
#3	.00242	.00484	300.70	-.00223	.02716	1.4574	-.00011	-.02275

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63809	.78253	-.00006	-.00123	.00138	.0023	.45432	5.0791
Stddev	.00510	.01269	.00034	.00422	.00100	.0011	.00221	.1699
%RSD	.79976	1.6223	591.85	342.86	72.777	49.66	.48616	3.3458

#1	.63784	.79712	.00010	-.00030	.00029	.0032	.45178	4.9688
#2	.64331	.77399	-.00045	.00245	.00226	.0027	.45547	5.2748
#3	.63312	.77648	.00018	-.00584	.00158	.0010	.45573	4.9938

Sample Name: K4066-16 Acquired: 7/31/2019 17:34:27 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-13 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 10.067
Stddev .698
%RSD 6.9311

#1 10.039
#2 10.778
#3 9.3834

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2611.7	31238.	2228.6	33.244	2683.8
Stddev	7.3	150.	26.2	1.040	6.4
%RSD	.28036	.48074	1.1768	3.1278	.23799

#1	2608.9	31225.	2207.1	33.866	2680.5
#2	2606.1	31096.	2220.9	32.044	2679.7
#3	2620.0	31395.	2257.9	33.823	2691.1

Sample Name: K4073-01 Acquired: 7/31/2019 17:38:51 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SB-1(0-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	-.00420	.02625	.00044	-.00116	.42046	.56704	.00009
Stddev	.00401	.00142	.00174	.00115	.00335	.01682	.00845	.00009
%RSD	1214.7	33.829	6.6455	260.91	288.71	4.0011	1.4911	103.87

#1	-.00008	-.00559	.02707	.00099	-.00002	.40276	.55735	.00018
#2	-.00345	-.00427	.02424	.00121	-.00493	.43625	.57084	.00010
#3	.00453	-.00275	.02743	-.00088	.00147	.42235	.57293	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00124	5.3819	.00167	.00020	.02029	.43896	.02500	1.1995
Stddev	.00005	.0966	.00056	.00012	.00055	.00286	.00032	.0532
%RSD	4.3228	1.7951	33.554	57.633	2.7118	.65099	1.2755	4.4334

#1	.00119	5.2717	.00173	.00007	.02092	.44208	.02537	1.2294
#2	.00123	5.4222	.00108	.00027	.01993	.43647	.02487	1.2310
#3	.00129	5.4518	.00220	.00027	.02001	.43834	.02478	1.1381

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	.00360	314.87	.00187	.48473	.93108	-.00064	.14112
Stddev	.00063	.00075	1.52	.00025	.00147	.13481	.00034	.03213
%RSD	226.02	20.919	.48194	13.159	.30303	14.478	52.626	22.770

#1	-.00014	.00314	313.16	.00186	.48638	.77902	-.00039	.11160
#2	.00100	.00319	316.04	.00163	.48422	.97829	-.00050	.17535
#3	-.00002	.00447	315.41	.00212	.48358	1.0359	-.00103	.13641

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3790	.70345	-.00103	.01645	-.00035	.0813	.03450	4.7056
Stddev	.0094	.00727	.00018	.00032	.00171	.0006	.00057	.1561
%RSD	.67991	1.0341	17.805	1.9423	487.70	.7276	1.6631	3.3164

#1	1.3771	.70336	-.00091	.01612	-.00195	.0808	.03384	4.5362
#2	1.3892	.71077	-.00093	.01676	-.00057	.0812	.03479	4.7371
#3	1.3707	.69622	-.00124	.01647	.00146	.0820	.03488	4.8436

Sample Name: K4073-01 Acquired: 7/31/2019 17:38:51 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: SB-1(0-2) Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.7235
 Stddev 1.3477
 %RSD 13.861

#1 11.097
 #2 9.6706
 #3 8.4030

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2651.9	31454.	2249.5	34.309	2762.2
Stddev	13.1	102.	17.7	1.012	11.9
%RSD	.49368	.32574	.78844	2.9497	.43205

#1	2637.9	31337.	2267.1	35.284	2748.6
#2	2663.9	31526.	2231.6	33.264	2771.1
#3	2653.9	31499.	2249.7	34.379	2766.8

Sample Name: K4073-02 Acquired: 7/31/2019 17:43:16 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SB-3(0-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00088	-.00138	.05187	-.00112	.00059	.16732	.31232	.00004
Stddev	.00316	.00044	.00032	.00599	.00094	.01748	.00115	.00002
%RSD	357.02	31.914	.62054	534.29	158.96	10.449	.36765	36.390

#1	-.00314	-.00186	.05184	.00571	.00166	.16824	.31103	.00002
#2	.00272	-.00128	.05156	-.00546	-.00013	.14939	.31272	.00005
#3	-.00223	-.00099	.05220	-.00361	.00025	.18432	.31322	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	4.5963	.00063	-.00026	.00922	.07304	.00824	.53069
Stddev	.00002	.0337	.00083	.00022	.00023	.00038	.00010	.06668
%RSD	5.2243	.73313	131.95	83.485	2.4655	.52337	1.2301	12.566

#1	.00046	4.6200	.00137	-.00043	.00899	.07274	.00815	.60399
#2	.00042	4.6111	-.00027	-.00035	.00945	.07347	.00823	.47361
#3	.00045	4.5577	.00078	-.00001	.00921	.07292	.00835	.51448

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00254	.00078	277.67	.00098	.30934	.52408	.00020	.04771
Stddev	.00046	.00101	1.88	.00042	.00054	.03857	.00037	.04840
%RSD	18.281	128.87	.67552	42.834	.17365	7.3603	183.73	101.45

#1	.00201	.00169	275.51	.00098	.30898	.48058	.00051	.09939
#2	.00286	-.00030	278.92	.00056	.30996	.53757	-.00021	.00345
#3	.00276	.00095	278.58	.00140	.30908	.55410	.00031	.04029

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57681	.31589	-.00129	.00453	-.00031	.1621	.05563	4.6039
Stddev	.00329	.00810	.00100	.00216	.00144	.0038	.00011	.2036
%RSD	.57028	2.5649	77.434	47.719	464.28	2.332	.20468	4.4225

#1	.57381	.31203	-.00018	.00370	-.00180	.1577	.05576	4.8390
#2	.57630	.31044	-.00158	.00698	-.00022	.1641	.05555	4.4849
#3	.58033	.32520	-.00212	.00290	.00108	.1644	.05559	4.4877

Sample Name: K4073-02 Acquired: 7/31/2019 17:43:16 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: SB-3(0-2) Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 11.466
 Stddev .763
 %RSD 6.6525

#1 12.328
 #2 10.878
 #3 11.193

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2635.1	31456.	2208.3	34.974	2737.2
Stddev	5.9	111.	21.6	2.204	6.9
%RSD	.22485	.35439	.97990	6.3017	.25163

#1	2628.5	31352.	2183.5	32.434	2732.8
#2	2636.7	31442.	2218.2	36.386	2733.7
#3	2640.0	31574.	2223.3	36.101	2745.1

Sample Name: K4073-03 Acquired: 7/31/2019 17:47:43 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SB-7(0-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	-.00515	.28779	.00253	.00009	.52227	.68757	.00009
Stddev	.00355	.00098	.00134	.00244	.00121	.00533	.00516	.00004
%RSD	781.45	18.978	.46419	96.661	1358.0	1.0200	.74987	42.989

#1	.00143	-.00416	.28793	.00003	-.00084	.52570	.68255	.00012
#2	.00341	-.00517	.28638	.00491	.00146	.52498	.68733	.00005
#3	-.00348	-.00612	.28904	.00264	-.00035	.51613	.69285	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00136	9.3422	.00201	.00011	.01907	.89776	.02626	1.0932
Stddev	.00008	.0936	.00089	.00011	.00046	.00460	.00011	.0369
%RSD	6.1916	1.0018	44.133	99.071	2.4036	.51278	.43256	3.3768

#1	.00145	9.2416	.00276	.00022	.01959	.90120	.02638	1.0829
#2	.00131	9.3583	.00226	.00001	.01885	.89253	.02616	1.0625
#3	.00131	9.4267	.00103	.00009	.01876	.89956	.02624	1.1342

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00297	.00572	311.46	.00238	.92788	1.4965	-.00061	.24009
Stddev	.00032	.00048	2.88	.00087	.00300	.0203	.00011	.03062
%RSD	10.681	8.3991	.92486	36.688	.32289	1.3533	17.237	12.755

#1	.00262	.00563	308.25	.00314	.92475	1.4735	-.00070	.26824
#2	.00323	.00623	312.32	.00143	.92815	1.5047	-.00050	.24456
#3	.00306	.00528	313.82	.00258	.93073	1.5114	-.00064	.20748

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6599	.86433	.00069	.02544	.00225	.1166	.05572	4.7942
Stddev	.0045	.00376	.00020	.00615	.00056	.0009	.00046	.0784
%RSD	.27187	.43501	29.275	24.171	24.869	.7567	.82966	1.6360

#1	1.6581	.86365	.00061	.03102	.00216	.1171	.05519	4.7237
#2	1.6651	.86096	.00092	.01885	.00285	.1156	.05598	4.8787
#3	1.6566	.86838	.00054	.02644	.00174	.1171	.05600	4.7802

Sample Name: K4073-03 Acquired: 7/31/2019 17:47:43 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: SB-7(0-2) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.515
Stddev	1.867
%RSD	17.753

#1	9.7075
#2	9.1883
#3	12.650

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2641.8	31436.	2221.4	34.692	2747.2
Stddev	4.3	57.	16.9	1.005	5.0
%RSD	.16271	.18084	.76027	2.8968	.18346

#1	2646.7	31378.	2206.9	35.164	2752.8
#2	2639.4	31437.	2217.2	35.374	2745.8
#3	2639.2	31492.	2240.0	33.538	2742.9

Sample Name: K4073-04 Acquired: 7/31/2019 17:52:07 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SB-11(0-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00374	-.00263	.01102	.00075	-.00108	.15744	.34411	.00009
Stddev	.00298	.00271	.00063	.00628	.00318	.01358	.00136	.00005
%RSD	79.873	102.74	5.7508	839.22	294.41	8.6265	.39492	55.117

#1	-.00593	-.00035	.01075	.00502	-.00357	.14910	.34486	.00006
#2	-.00494	-.00562	.01174	-.00647	-.00218	.15011	.34254	.00015
#3	-.00034	-.00193	.01056	.00369	.00251	.17311	.34493	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	4.1648	.00065	.00007	.00453	.08417	.02132	.56523
Stddev	.00006	.0495	.00040	.00017	.00023	.00027	.00019	.04492
%RSD	29.010	1.1881	60.771	249.81	5.1511	.31926	.88939	7.9474

#1	.00021	4.1277	.00057	.00024	.00440	.08440	.02114	.58612
#2	.00028	4.1458	.00108	-.00011	.00439	.08387	.02131	.59589
#3	.00016	4.2210	.00030	.00008	.00480	.08423	.02152	.51366

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00189	.00177	258.05	-.00021	.30257	1.1249	-.00056	.06506
Stddev	.00048	.00055	1.21	.00050	.00046	.0348	.00010	.02955
%RSD	25.375	31.135	.46881	238.16	.15232	3.0967	17.158	45.422

#1	.00135	.00240	256.80	-.00007	.30204	1.0892	-.00049	.08403
#2	.00206	.00141	258.12	-.00076	.30286	1.1265	-.00053	.03101
#3	.00227	.00150	259.22	.00021	.30281	1.1588	-.00067	.08015

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80692	.28505	-.00226	.00189	.00115	.0270	.03434	4.5519
Stddev	.00151	.00148	.00115	.00488	.00077	.0024	.00028	.1492
%RSD	.18683	.51846	51.016	257.73	66.902	9.060	.80921	3.2784

#1	.80548	.28348	-.00304	.00609	.00193	.0261	.03403	4.7123
#2	.80849	.28528	-.00280	-.00345	.00039	.0252	.03456	4.5263
#3	.80679	.28641	-.00094	.00304	.00112	.0298	.03442	4.4171

Sample Name: K4073-04 Acquired: 7/31/2019 17:52:07 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: SB-11(0-2) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.607
Stddev	.596
%RSD	5.6227

#1	9.9299
#2	11.053
#3	10.839

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2657.0	31661.	2218.0	34.404	2771.7
Stddev	11.9	54.	2.4	.754	8.8
%RSD	.44850	.17176	.10900	2.1919	.31747

#1	2645.4	31693.	2218.5	34.734	2762.1
#2	2656.5	31691.	2220.1	34.936	2773.5
#3	2669.2	31598.	2215.4	33.541	2779.4

Sample Name: K4073-05 Acquired: 7/31/2019 17:56:34 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SB-12(0-2) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00392	-.00455	.01116	-.00313	-.00125	.31810	.52195	.00006
Stddev	.00105	.00110	.00090	.00246	.00116	.00755	.00284	.00008
%RSD	26.815	24.125	8.0219	78.595	93.053	2.3729	.54422	137.88

#1	-.00275	-.00578	.01155	-.00175	-.00004	.32457	.52140	.00014
#2	-.00479	-.00367	.01013	-.00597	-.00236	.30981	.51942	.00004
#3	-.00422	-.00420	.01179	-.00166	-.00135	.31993	.52502	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	10.507	.00140	.00015	.01237	.36963	.05404	2.4812
Stddev	.00013	.023	.00039	.00006	.00009	.00164	.00009	.0447
%RSD	29.193	.21454	27.707	43.788	.70722	.44387	.17191	1.8037

#1	.00042	10.490	.00178	.00017	.01235	.37119	.05411	2.5065
#2	.00033	10.497	.00101	.00007	.01247	.36977	.05408	2.5077
#3	.00059	10.532	.00140	.00020	.01230	.36792	.05394	2.4296

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00256	.00278	291.32	.00174	.53806	1.8020	-.00055	.16461
Stddev	.00023	.00041	2.11	.00079	.00056	.0517	.00053	.00969
%RSD	8.8181	14.866	.72267	45.362	.10337	2.8671	96.385	5.8847

#1	.00278	.00283	290.49	.00263	.53839	1.7430	-.00026	.15373
#2	.00257	.00316	289.75	.00149	.53837	1.8388	-.00022	.16781
#3	.00233	.00234	293.71	.00111	.53742	1.8243	-.00116	.17230

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5975	.62889	-.00173	.01454	.00369	.1034	.04685	4.3767
Stddev	.0071	.01042	.00033	.00374	.00165	.0019	.00050	.0262
%RSD	.44193	1.6562	19.070	25.710	44.720	1.801	1.0685	.59760

#1	1.6037	.62427	-.00202	.01082	.00373	.1036	.04697	4.3627
#2	1.5899	.64082	-.00137	.01451	.00202	.1014	.04630	4.4069
#3	1.5990	.62158	-.00178	.01829	.00532	.1051	.04728	4.3605

Sample Name: K4073-05 Acquired: 7/31/2019 17:56:34 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: SB-12(0-2) Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.9491
 Stddev 1.9666
 %RSD 19.767

#1 12.202
 #2 9.0713
 #3 8.5742

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2673.8	31864.	2233.0	33.599	2775.5
Stddev	4.8	149.	7.7	1.054	5.1
%RSD	.17868	.46695	.34362	3.1366	.18277

#1	2679.2	31703.	2225.3	34.159	2780.8
#2	2672.1	31894.	2233.1	32.383	2775.1
#3	2670.2	31996.	2240.6	34.254	2770.6

Sample Name: CCV06 Acquired: 7/31/2019 18:00:59 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9681	5.0167	4.9685	5.0231	4.9523	9.6998	9.8763
Stddev	.0125	.0066	.0081	.0149	.0040	.1001	.0861
%RSD	.25201	.13255	.16299	.29669	.08036	1.0318	.87135

#1	4.9684	5.0106	4.9603	5.0136	4.9510	9.5842	9.7814
#2	4.9805	5.0156	4.9685	5.0155	4.9568	9.7568	9.8982
#3	4.9554	5.0238	4.9765	5.0403	4.9492	9.7583	9.9493

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25021	2.4632	25.056	.99227	2.4791	1.2444	5.0314
Stddev	.00035	.0014	.069	.00295	.0029	.0014	.0180
%RSD	.14077	.05815	.27338	.29702	.11782	.11088	.35770

#1	.25033	2.4636	24.994	.98908	2.4762	1.2433	5.0110
#2	.24981	2.4615	25.130	.99283	2.4791	1.2440	5.0384
#3	.25048	2.4643	25.043	.99489	2.4820	1.2460	5.0449

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4552	24.891	2.4690	1.2471	24.838	2.4876	2.4796
Stddev	.0030	.315	.0039	.0046	.151	.0087	.0012
%RSD	.12350	1.2668	.15944	.36710	.60955	.35107	.04654

#1	2.4582	24.527	2.4693	1.2424	24.675	2.4775	2.4791
#2	2.4554	25.076	2.4649	1.2515	24.862	2.4928	2.4809
#3	2.4521	25.070	2.4728	1.2474	24.975	2.4925	2.4787

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.156	4.9637	4.7574	4.9596	4.8660	4.9786	4.9475
Stddev	.191	.0031	.0512	.0071	.0164	.0117	.0285
%RSD	.79032	.06305	1.0754	.14279	.33596	.23496	.57639

#1	23.939	4.9664	4.6985	4.9525	4.8846	4.9734	4.9266
#2	24.298	4.9603	4.7906	4.9666	4.8539	4.9920	4.9359
#3	24.231	4.9645	4.7832	4.9598	4.8595	4.9705	4.9800

Sample Name: CCV06 Acquired: 7/31/2019 18:00:59 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.8258	5.158	4.9978	F 3.7018	5.4665
Stddev	.0163	.005	.0160	.1436	1.3863
%RSD	.33847	.1055	.32037	3.8789	25.360

#1	4.8099	5.153	4.9939	3.5586	6.3599
#2	4.8250	5.164	4.9841	3.8458	6.1702
#3	4.8425	5.158	5.0154	3.7009	3.8695

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2752.9	33121.	2268.4	34.743	2817.3
Stddev	1.9	41.	15.3	1.290	.7
%RSD	.07028	.12513	.67335	3.7119	.02640

#1	2750.8	33105.	2250.8	35.895	2816.8
#2	2753.1	33091.	2275.6	34.984	2818.2
#3	2754.7	33168.	2278.7	33.350	2817.0

Sample Name: CCB06 Acquired: 7/31/2019 18:04:58 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB121846BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00049	-.00024	-.00252	.00351	-.00015	-.02714	.00122
Stddev	.00246	.00155	.00100	.00726	.00216	.01956	.00022
%RSD	504.23	639.68	39.747	207.04	1437.0	72.066	17.966

#1	-.00102	.00109	-.00314	-.00148	.00086	-.01620	.00147
#2	.00219	-.00195	-.00306	.00017	-.00263	-.01550	.00116
#3	-.00264	.00013	-.00136	.01183	.00132	-.04972	.00104

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00001	.01884	.00042	.00004	-.00041	.00084
Stddev	.00004	.00012	.00588	.00017	.00037	.00008	.00044
%RSD	32.262	1283.3	31.213	40.316	877.38	18.589	51.685

#1	.00008	.00002	.02544	.00038	-.00033	-.00034	.00129
#2	.00014	-.00014	.01692	.00060	.00042	-.00049	.00042
#3	.00017	.00009	.01416	.00027	.00003	-.00039	.00083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.08333	-.00003	.00138	.07430	-.00008	-.00217
Stddev	.00007	.00722	.00037	.00028	.00985	.00073	.00015
%RSD	66.775	8.6659	1350.8	20.674	13.251	971.74	7.0580

#1	-.00015	.09167	-.00013	.00149	.07492	-.00036	-.00199
#2	-.00016	.07903	-.00033	.00159	.06416	-.00062	-.00225
#3	-.00003	.07929	.00038	.00105	.08382	.00076	-.00226

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02592	.00036	-.01500	.00230	.00168	-.00248	.00051
Stddev	.02960	.00036	.00553	.00121	.00265	.00155	.00259
%RSD	114.20	101.63	36.897	52.334	157.82	62.550	508.45

#1	.00503	.00073	-.01862	.00331	.00126	-.00386	.00314
#2	.01294	.00033	-.01775	.00263	-.00074	-.00080	.00043
#3	.05980	.00001	-.00863	.00097	.00451	-.00278	-.00204

Sample Name: CCB06 Acquired: 7/31/2019 18:04:58 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB121846BL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00161	-.0029	.00013	F 2.8008	F 4.2918
Stddev	.00225	.0009	.00007	.2347	1.1188
%RSD	139.45	31.68	52.216	8.3795	26.069

#1	.00089	-.0022	.00008	2.9340	3.1512
#2	-.00226	-.0025	.00021	2.9386	4.3366
#3	-.00346	-.0039	.00011	2.5298	5.3875

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2792.0	33707.	2241.7	34.181	3033.1
Stddev	9.9	83.	3.4	.413	5.3
%RSD	.35441	.24662	.15058	1.2094	.17358

#1	2800.9	33618.	2242.5	34.273	3039.1
#2	2781.4	33719.	2244.6	33.730	3029.4
#3	2793.7	33783.	2238.0	34.541	3030.8

Sample Name: K4074-11 Acquired: 7/31/2019 18:09:27 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SS-12_072919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00216	-.00382	.01079	.00123	-.00354	.16964	.32756	.00011
Stddev	.00149	.00024	.00207	.00051	.00184	.00752	.00054	.00007
%RSD	68.998	6.1810	19.140	41.324	52.179	4.4337	.16379	65.113

#1	.00119	-.00407	.00860	.00180	-.00456	.17546	.32760	.00003
#2	.00141	-.00378	.01270	.00082	-.00141	.17231	.32807	.00017
#3	.00387	-.00360	.01108	.00107	-.00464	.16115	.32700	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	53.013	.00036	.00001	.00301	.00342	.06370	7.2997
Stddev	.00005	.263	.00084	.00031	.00044	.00071	.00018	.1071
%RSD	51.301	.49652	234.16	5346.9	14.586	20.796	.28987	1.4665

#1	.00008	52.717	.00016	-.00024	.00352	.00327	.06369	7.4185
#2	.00007	53.106	-.00036	.00035	.00277	.00279	.06389	7.2107
#3	.00017	53.218	.00128	-.00009	.00275	.00419	.06353	7.2699

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00128	330.92	-.00011	.18426	1.7546	.00017	.07531
Stddev	.00051	.00099	.58	.00032	.00073	.0402	.00006	.02243
%RSD	929.54	77.701	.17584	284.37	.39441	2.2920	34.126	29.781

#1	-.00064	.00200	330.29	-.00037	.18437	1.7986	.00024	.05033
#2	.00029	.00169	331.04	.00024	.18493	1.7198	.00016	.08188
#3	.00018	.00015	331.43	-.00021	.18349	1.7454	.00012	.09372

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83360	.73449	.00008	.00224	-.00014	.0116	.06588	5.2767
Stddev	.00459	.00973	.00042	.00491	.00121	.0036	.00070	.1038
%RSD	.55036	1.3252	557.31	218.97	842.75	31.08	1.0664	1.9667

#1	.83835	.73611	-.00022	-.00271	-.00146	.0150	.06507	5.1803
#2	.83324	.74330	-.00012	.00711	.00012	.0122	.06630	5.2631
#3	.82920	.72404	.00056	.00232	.00091	.0078	.06628	5.3866

Sample Name: K4074-11 Acquired: 7/31/2019 18:09:27 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SS-12_072919 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 10.082
Stddev 2.024
%RSD 20.072

#1 10.118
#2 8.0405
#3 12.087

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2604.2	30805.	2171.8	33.180	2661.8
Stddev	11.7	125.	7.1	1.537	10.4
%RSD	.44754	.40677	.32637	4.6334	.38953

#1	2595.8	30697.	2170.8	33.540	2650.9
#2	2617.5	30776.	2165.2	31.495	2671.6
#3	2599.3	30942.	2179.3	34.506	2662.9

Sample Name: K4074-12 Acquired: 7/31/2019 18:13:51 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SS-11_072919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00337	-.00670	.00340	.00462	-.00033	.15558	.34866	.00001
Stddev	.00546	.00042	.00115	.00323	.00173	.02770	.00390	.00010
%RSD	162.31	6.2014	33.713	69.988	525.32	17.806	1.1198	869.48

#1	-.00967	-.00715	.00339	.00180	-.00170	.18739	.34561	.00011
#2	-.00008	-.00662	.00455	.00392	-.00091	.13684	.34730	.00001
#3	-.00035	-.00634	.00226	.00815	.00162	.14250	.35306	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	57.294	.00037	.00046	.00262	.00396	.08212	10.077
Stddev	.00006	.463	.00068	.00029	.00022	.00071	.00062	.139
%RSD	135.66	.80848	181.57	62.665	8.3631	18.007	.75130	1.3835

#1	-.00001	56.765	.00004	.00078	.00264	.00314	.08251	9.9485
#2	.00010	57.490	-.00007	.00023	.00283	.00432	.08141	10.058
#3	.00004	57.628	.00116	.00037	.00239	.00442	.08244	10.225

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00105	305.58	-.00008	.15881	2.5815	-.00056	.04873
Stddev	.00035	.00029	1.73	.00062	.00034	.0924	.00052	.01872
%RSD	309.37	27.234	.56533	745.02	.21564	3.5776	92.869	38.408

#1	.00052	.00080	305.37	.00045	.15852	2.5615	-.00083	.02738
#2	-.00008	.00098	303.96	-.00076	.15873	2.5008	-.00090	.05650
#3	-.00010	.00136	307.40	.00006	.15919	2.6823	.00004	.06232

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91046	.98408	.00021	-.00178	.00211	.0024	.10673	5.0497
Stddev	.00084	.00764	.00086	.00313	.00295	.0025	.00057	.1216
%RSD	.09198	.77614	408.63	176.01	140.18	105.0	.53676	2.4086

#1	.90951	.98682	.00083	-.00448	-.00106	-.0003	.10607	4.9430
#2	.91109	.98998	.00057	-.00251	.00480	.0027	.10715	5.1821
#3	.91078	.97546	-.00077	.00165	.00258	.0046	.10695	5.0238

Sample Name: K4074-12 Acquired: 7/31/2019 18:13:51 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: SS-11_072919 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.6588
Stddev	1.2442
%RSD	12.882

#1	8.6040
#2	9.3414
#3	11.031

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2609.4	31157.	2211.5	34.653	2676.6
Stddev	5.7	131.	22.9	.224	6.1
%RSD	.21875	.42116	1.0337	.64602	.22799

#1	2603.6	31007.	2195.0	34.547	2669.8
#2	2615.0	31216.	2201.8	34.502	2681.7
#3	2609.5	31248.	2237.6	34.910	2678.3

Sample Name: K4077-02 Acquired: 7/31/2019 18:18:16 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 20190612-LOC Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00154	-.00581	-.00031	.00118	.00122	.14381	.05266	.00012
Stddev	.00322	.00199	.00140	.00182	.00070	.01283	.00050	.00009
%RSD	209.64	34.216	445.68	154.60	57.403	8.9199	.94470	76.428

#1	-.00007	-.00768	.00105	-.00089	.00043	.14362	.05222	.00003
#2	-.00057	-.00372	-.00024	.00189	.00178	.13107	.05256	.00022
#3	.00525	-.00602	-.00175	.00253	.00146	.15673	.05320	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	21.742	.00032	.00333	.00582	2.0988	.35032	.64974
Stddev	.00005	.081	.00061	.00021	.00053	.0055	.00108	.10979
%RSD	25.677	.37286	190.26	6.3440	9.0791	.26397	.30771	16.898

#1	-.00021	21.657	.00097	.00357	.00598	2.1050	.34974	.77094
#2	-.00013	21.751	-.00024	.00318	.00524	2.0944	.34967	.62136
#3	-.00021	21.819	.00023	.00323	.00626	2.0969	.35157	.55693

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00588	.01114	309.43	-.00051	.04568	1.9480	-.00053	-.00030
Stddev	.00073	.00079	2.58	.00035	.00012	.0927	.00021	.03020
%RSD	12.383	7.0892	.83534	67.505	.26582	4.7613	40.176	10109.

#1	.00514	.01034	307.24	-.00031	.04565	1.8559	-.00054	-.02247
#2	.00590	.01192	308.77	-.00091	.04557	1.9468	-.00073	.03410
#3	.00660	.01117	312.28	-.00032	.04581	2.0414	-.00031	-.01252

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34157	.60624	-.00032	-.00163	.00327	.0124	.05938	4.6520
Stddev	.00504	.00677	.00022	.00322	.00251	.0003	.00033	.1408
%RSD	1.4760	1.1167	69.094	197.47	76.703	2.233	.55245	3.0271

#1	.34514	.60870	-.00048	-.00012	.00381	.0127	.05918	4.7832
#2	.33581	.61144	-.00007	.00055	.00545	.0122	.05920	4.6696
#3	.34378	.59859	-.00042	-.00532	.00053	.0124	.05976	4.5032

Sample Name: K4077-02 Acquired: 7/31/2019 18:18:16 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 20190612-LOC Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 10.576
Stddev 1.285
%RSD 12.147

#1 9.9902
#2 9.6890
#3 12.049

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2646.4	31388.	2207.8	32.782	2708.8
Stddev	1.3	82.	16.8	.516	1.4
%RSD	.04869	.26284	.75892	1.5748	.05046

#1	2647.4	31346.	2191.9	33.307	2708.3
#2	2645.0	31483.	2206.1	32.275	2707.7
#3	2647.0	31335.	2225.3	32.764	2710.3

Sample Name: K3618-10 Acquired: 7/31/2019 18:22:42 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00073	-.00421	.00042	.00032	-.00213	.12156	.14987	.00072
Stddev	.00377	.00120	.00042	.00217	.00169	.00084	.00012	.00011
%RSD	518.02	28.447	100.72	678.01	79.569	.68952	.07999	15.531

#1	-.00428	-.00558	-.00004	.00030	-.00142	.12171	.15000	.00059
#2	.00323	-.00369	.00079	-.00184	-.00091	.12065	.14986	.00081
#3	-.00113	-.00337	.00051	.00250	-.00406	.12231	.14976	.00075

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	8.1005	-.00052	.01068	.00463	.63153	.83787	2.5217
Stddev	.00005	.0347	.00032	.00028	.00015	.00397	.00652	.0938
%RSD	168.79	.42864	62.107	2.5990	3.2255	.62842	.77847	3.7178

#1	-.00007	8.0612	-.00030	.01100	.00479	.62770	.83849	2.6056
#2	.00003	8.1130	-.00037	.01056	.00449	.63563	.84406	2.5389
#3	-.00005	8.1272	-.00089	.01049	.00461	.63125	.83106	2.4205

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00178	.00424	277.28	-.00164	.02663	.55047	-.00064	.00895
Stddev	.00055	.00008	1.99	.00060	.00026	.01813	.00037	.00876
%RSD	30.644	1.8002	.71765	36.721	.99135	3.2935	57.948	97.965

#1	.00208	.00423	275.64	-.00167	.02692	.56985	-.00089	.01476
#2	.00115	.00432	279.49	-.00102	.02640	.54765	-.00081	.01321
#3	.00212	.00417	276.72	-.00222	.02656	.53392	-.00021	-.00113

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33183	.45622	-.00195	.00071	-.00098	.0007	.02439	3.2743
Stddev	.00349	.00318	.00068	.00262	.00100	.0021	.00028	.3025
%RSD	1.0515	.69633	35.024	367.85	101.98	277.4	1.1654	9.2396

#1	.33582	.45408	-.00239	.00068	-.00186	-.0012	.02412	3.1022
#2	.33034	.45987	-.00230	.00335	.00011	.0005	.02469	3.6237
#3	.32934	.45472	-.00117	-.00189	-.00119	.0029	.02435	3.0971

Sample Name: K3618-10 Acquired: 7/31/2019 18:22:42 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 11.377
 Stddev 1.301
 %RSD 11.433

#1 9.8790
 #2 12.036
 #3 12.217

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2839.5	33326.	2335.2	35.237	2831.8
Stddev	4.0	144.	2.2	.987	4.2
%RSD	.13966	.43105	.09586	2.8022	.14796

#1	2836.4	33399.	2332.7	36.252	2827.4
#2	2844.0	33161.	2336.9	35.180	2835.8
#3	2838.1	33419.	2336.1	34.279	2832.1

Sample Name: K3618-10DUP Acquired: 7/31/2019 18:27:08 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00176	-.00384	-.00118	-.00266	-.00179	.13446	.17293	.00069
Stddev	.00237	.00045	.00132	.00358	.00118	.00622	.00297	.00002
%RSD	134.97	11.634	111.81	134.33	65.832	4.6237	1.7186	2.5827

#1	.00052	-.00428	-.00243	-.00543	-.00044	.12775	.17145	.00069
#2	-.00421	-.00384	-.00131	.00138	-.00263	.13560	.17099	.00068
#3	-.00157	-.00339	.00020	-.00394	-.00229	.14003	.17635	.00072

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	9.3754	-.00070	.01243	.00617	.73039	.96277	2.9663
Stddev	.00010	.0441	.00014	.00021	.00015	.00637	.00086	.0199
%RSD	179.01	.47056	19.311	1.6882	2.4152	.87153	.08885	.67223

#1	.00013	9.3771	-.00071	.01242	.00627	.73692	.96180	2.9888
#2	.00010	9.3304	-.00083	.01223	.00624	.73004	.96309	2.9507
#3	-.00006	9.4186	-.00056	.01265	.00600	.72420	.96342	2.9595

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00152	.00498	320.39	-.00145	.03265	.69681	-.00038	-.00552
Stddev	.00072	.00065	2.36	.00077	.00023	.04524	.00037	.01168
%RSD	47.674	13.119	.73650	53.135	.70845	6.4922	99.327	211.80

#1	.00153	.00573	319.66	-.00105	.03287	.67892	-.00079	-.00430
#2	.00079	.00458	318.47	-.00096	.03241	.74826	-.00007	.00551
#3	.00224	.00462	323.02	-.00233	.03267	.66326	-.00027	-.01776

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37974	.52004	-.00083	.00057	.00109	-.0020	.02824	4.0460
Stddev	.00636	.00526	.00093	.00105	.00265	.0016	.00022	.1733
%RSD	1.6746	1.0116	111.62	183.26	242.10	77.63	.76422	4.2831

#1	.38662	.52448	-.00040	.00171	.00252	-.0007	.02836	4.1835
#2	.37854	.52141	-.00190	.00039	-.00196	-.0017	.02799	4.1031
#3	.37407	.51423	-.00020	-.00038	.00273	-.0038	.02836	3.8514

Sample Name: K3618-10DUP Acquired: 7/31/2019 18:27:08 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 10.742
Stddev .844
%RSD 7.8538

#1 10.754
#2 11.579
#3 9.8923

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2737.0	32351.	2282.4	33.533	2719.3
Stddev	9.3	149.	29.1	1.881	10.5
%RSD	.34141	.46021	1.2760	5.6094	.38746

#1	2726.2	32192.	2259.8	31.362	2708.0
#2	2741.6	32372.	2272.0	34.574	2721.2
#3	2743.2	32488.	2315.2	34.663	2728.8

Sample Name: K3618-10LX5 Acquired: 7/31/2019 18:31:34 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	-.00011	-.00373	.00025	-.00008	.02296	.03310	.00022
Stddev	.00070	.00139	.00061	.00117	.00157	.00813	.00056	.00005
%RSD	119.96	1225.7	16.255	473.45	1922.6	35.409	1.6988	25.168

#1	-.00016	.00096	-.00352	-.00085	.00044	.02359	.03288	.00028
#2	.00123	.00039	-.00325	.00012	-.00184	.01453	.03374	.00020
#3	.00067	-.00169	-.00441	.00148	.00116	.03075	.03268	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	1.7930	.00037	.00264	.00140	.14126	.18798	.60686
Stddev	.00006	.0360	.00027	.00010	.00044	.00142	.00072	.04287
%RSD	49.699	2.0082	73.006	3.7168	31.142	1.0075	.38510	7.0649

#1	-.00011	1.7525	.00057	.00273	.00176	.14097	.18793	.56763
#2	-.00017	1.8054	.00006	.00266	.00153	.14000	.18729	.65263
#3	-.00006	1.8212	.00048	.00253	.00092	.14281	.18873	.60032

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.00195	59.640	.00004	.00433	.19274	-.00023	-.02047
Stddev	.00048	.00056	.275	.00084	.00004	.05681	.00022	.01195
%RSD	140.44	28.851	.46070	1921.1	.86740	29.473	97.288	58.373

#1	.00003	.00138	59.687	-.00089	.00432	.13383	-.00033	-.01016
#2	.00090	.00196	59.345	.00072	.00438	.24718	.00003	-.03356
#3	.00010	.00251	59.888	.00030	.00430	.19722	-.00038	-.01768

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06881	.10200	-.00235	.00007	-.00102	-.0063	.00555	3.1694
Stddev	.00285	.00035	.00019	.00334	.00193	.0018	.00016	.1544
%RSD	4.1366	.34464	7.8946	4613.3	189.26	28.84	2.9598	4.8710

#1	.06606	.10169	-.00252	.00188	-.00247	-.0063	.00540	3.2632
#2	.07174	.10192	-.00237	.00212	-.00175	-.0080	.00552	3.2539
#3	.06863	.10238	-.00215	-.00378	.00117	-.0044	.00573	2.9912

Sample Name: K3618-10LX5 Acquired: 7/31/2019 18:31:34 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.0740
Stddev .9036
%RSD 12.774

#1 8.0187
#2 6.2179
#3 6.9853

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.6	33555.	2282.1	35.855	2958.1
Stddev	5.7	62.	21.1	.468	7.2
%RSD	.20553	.18426	.92384	1.3039	.24463

#1	2795.6	33490.	2305.6	35.805	2963.4
#2	2801.3	33561.	2275.8	35.414	2961.0
#3	2789.9	33613.	2264.8	36.345	2949.9

Sample Name: K3618-10MS Acquired: 7/31/2019 18:36:00 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81253	2.0682	1.0417	2.0207	.80444	2.1525	.38271	.20434	.21039
Stddev	.00329	.0079	.0008	.0046	.00195	.0579	.01176	.00343	.00034
%RSD	.40471	.38065	.07189	.22718	.24297	2.6906	3.0731	1.6762	.16134

#1	.81609	2.0699	1.0425	2.0234	.80385	2.0857	.36935	.20040	.21031
#2	.81191	2.0751	1.0412	2.0233	.80662	2.1861	.39150	.20657	.21077
#3	.80960	2.0596	1.0413	2.0154	.80285	2.1859	.38727	.20606	.21010

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9607	.41785	.22859	.32074	3.8527	1.1057	4.9277	.53587	.09125
Stddev	.0528	.00692	.00079	.00048	.0717	.0240	.1077	.00066	.00128
%RSD	.53038	1.6555	.34398	.14986	1.8599	2.1679	2.1848	.12405	1.3987

#1	9.9270	.41011	.22940	.32043	3.7708	1.0781	4.8065	.53656	.08993
#2	10.022	.42001	.22853	.32130	3.9038	1.1211	4.9642	.53523	.09248
#3	9.9335	.42344	.22783	.32050	3.8835	1.1180	5.0123	.53583	.09134

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	301.03	.32195	.24854	11.226	.41171	.28468	.35729	1.5176	.74349
Stddev	8.29	.00431	.00041	.176	.00147	.01488	.00628	.0089	.00199
%RSD	2.7545	1.3374	.16627	1.5649	.35822	5.2258	1.7590	.58820	.26724

#1	291.47	.31709	.24872	11.036	.41172	.27128	.36446	1.5263	.74387
#2	306.18	.32527	.24883	11.383	.41317	.28206	.35466	1.5180	.74526
#3	305.45	.32350	.24807	11.259	.41023	.30069	.35274	1.5084	.74134

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20577	.21453	6.702	.23573	4.2737	8.3092			
Stddev	.00094	.00097	.029	.00056	.3578	1.9734			
%RSD	.45458	.45231	.4307	.23799	8.3726	23.749			

#1	.20555	.21503	6.712	.23521	3.8857	10.562			
#2	.20680	.21514	6.725	.23565	4.5906	6.8868			
#3	.20497	.21341	6.670	.23632	4.3447	7.4786			

Sample Name: K3618-10MS Acquired: 7/31/2019 18:36:00 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HD-02-073019 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2723.7	32747.	2291.1	33.791	2704.5
Stddev	9.1	518.	23.9	.921	7.9
%RSD	.33353	1.5804	1.0426	2.7243	.29200
#1	2719.5	33337.	2263.6	33.436	2698.1
#2	2717.5	32370.	2302.9	34.836	2702.1
#3	2734.1	32533.	2306.8	33.100	2713.3

Sample Name: CCV07 Acquired: 7/31/2019 18:40:08 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB121846BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0057	5.0417	4.9916	5.0460	4.9878	9.7391	9.9076
Stddev	.0219	.0046	.0099	.0027	.0120	.0995	.1035
%RSD	.43687	.09144	.19876	.05302	.24072	1.0215	1.0449

#1	4.9870	5.0434	4.9828	5.0474	4.9772	9.6459	9.8022
#2	5.0297	5.0452	5.0024	5.0476	5.0009	9.7275	9.9115
#3	5.0004	5.0365	4.9895	5.0429	4.9855	9.8439	10.009

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25129	2.4766	25.309	1.0027	2.4947	1.2522	5.0808
Stddev	.00110	.0011	.007	.0032	.0013	.0026	.0054
%RSD	.43870	.04536	.02631	.31996	.05017	.20783	.10712

#1	.25049	2.4769	25.311	.99909	2.4951	1.2524	5.0746
#2	.25083	2.4776	25.315	1.0038	2.4958	1.2547	5.0832
#3	.25255	2.4754	25.302	1.0052	2.4933	1.2495	5.0846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4677	25.017	2.4817	1.2567	24.877	2.5147	2.4956
Stddev	.0063	.168	.0021	.0032	.216	.0019	.0011
%RSD	.25325	.67316	.08295	.25811	.86893	.07579	.04269

#1	2.4651	24.942	2.4796	1.2582	24.671	2.5134	2.4969
#2	2.4632	24.899	2.4837	1.2530	24.858	2.5139	2.4952
#3	2.4748	25.210	2.4819	1.2589	25.102	2.5169	2.4949

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.372	4.9962	4.7956	4.9753	4.9154	4.9881	4.9941
Stddev	.239	.0161	.1199	.0054	.0415	.0277	.0077
%RSD	.98088	.32185	2.4993	.10811	.84384	.55617	.15511

#1	24.114	4.9801	4.7387	4.9788	4.9522	4.9563	4.9898
#2	24.418	5.0122	4.7147	4.9780	4.9237	5.0070	5.0031
#3	24.585	4.9964	4.9333	4.9691	4.8705	5.0010	4.9895

Sample Name: CCV07 Acquired: 7/31/2019 18:40:08 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB121846BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.8755	5.179	5.0382	F 4.2234	F 6.0078
Stddev	.0249	.020	.0112	.0468	1.2168
%RSD	.51099	.3879	.22264	1.1071	20.253

#1	4.8946	5.158	5.0465	4.1715	5.1614
#2	4.8846	5.181	5.0427	4.2624	5.4599
#3	4.8473	5.198	5.0255	4.2362	7.4023

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2726.2	32912.	2243.3	34.182	2794.4
Stddev	12.3	113.	20.1	1.498	9.3
%RSD	.45247	.34419	.89663	4.3837	.33130

#1	2730.5	32919.	2222.0	35.840	2794.2
#2	2712.3	33021.	2246.0	32.923	2785.3
#3	2735.9	32795.	2262.0	33.783	2803.8

Sample Name: CCB07 Acquired: 7/31/2019 18:44:06 Type: Unk
Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	-.00050	-.00287	.00072	-.00048	-.02264	.00137
Stddev	.00195	.00249	.00138	.00212	.00116	.01552	.00034
%RSD	289.03	495.01	48.242	295.24	241.00	68.556	25.102

#1	.00141	.00036	-.00304	-.00172	.00085	-.00648	.00170
#2	-.00097	.00144	-.00416	.00213	-.00103	-.03743	.00139
#3	-.00245	-.00330	-.00141	.00175	-.00127	-.02400	.00101

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00005	-.02035	-.00002	-.00004	-.00034	.00076
Stddev	.00002	.00007	.01624	.00012	.00001	.00023	.00050
%RSD	24.113	144.14	79.832	618.49	26.163	68.688	65.347

#1	.00006	-.00013	-.01395	-.00010	-.00004	-.00022	.00128
#2	.00009	-.00005	-.00827	.00012	-.00006	-.00019	.00070
#3	.00009	.00002	-.03881	-.00008	-.00004	-.00060	.00030

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.02749	.00035	.00108	.07408	.00044	-.00222
Stddev	.00003	.02046	.00057	.00099	.01087	.00032	.00011
%RSD	23.264	74.439	162.56	91.692	14.675	72.757	4.8964

#1	-.00016	.00879	.00054	.00030	.06221	.00020	-.00223
#2	-.00011	.04935	.00080	.00219	.08355	.00080	-.00232
#3	-.00011	.02432	-.00029	.00075	.07648	.00032	-.00211

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	.00052	-.00535	.00073	.00237	-.00072	-.00251
Stddev	.06025	.00012	.00140	.00626	.00246	.00106	.00076
%RSD	7606.9	22.793	26.191	860.98	103.76	146.50	30.172

#1	-.05527	.00055	-.00415	-.00146	-.00034	.00047	-.00171
#2	-.00686	.00061	-.00502	-.00414	.00299	-.00110	-.00261
#3	.06450	.00039	-.00689	.00779	.00445	-.00155	-.00321

Sample Name: CCB07 Acquired: 7/31/2019 18:44:06 Type: Unk
 Method: P4-ICP2(v3306) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00111	-.0042	.00019	F 3.0048	F 6.1248
Stddev	.00147	.0013	.00016	.1181	1.0776
%RSD	131.76	30.83	82.995	3.9310	17.595

#1	.00069	-.0044	.00030	2.8684	5.8677
#2	-.00009	-.0054	.00001	3.0744	7.3078
#3	.00274	-.0028	.00026	3.0717	5.1990

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2776.9	33734.	2232.0	34.213	3011.3
Stddev	6.0	201.	18.9	1.850	4.6
%RSD	.21529	.59575	.84475	5.4080	.15256

#1	2770.7	33531.	2219.8	35.889	3007.2
#2	2777.5	33933.	2253.7	32.227	3016.3
#3	2782.6	33737.	2222.4	34.523	3010.3