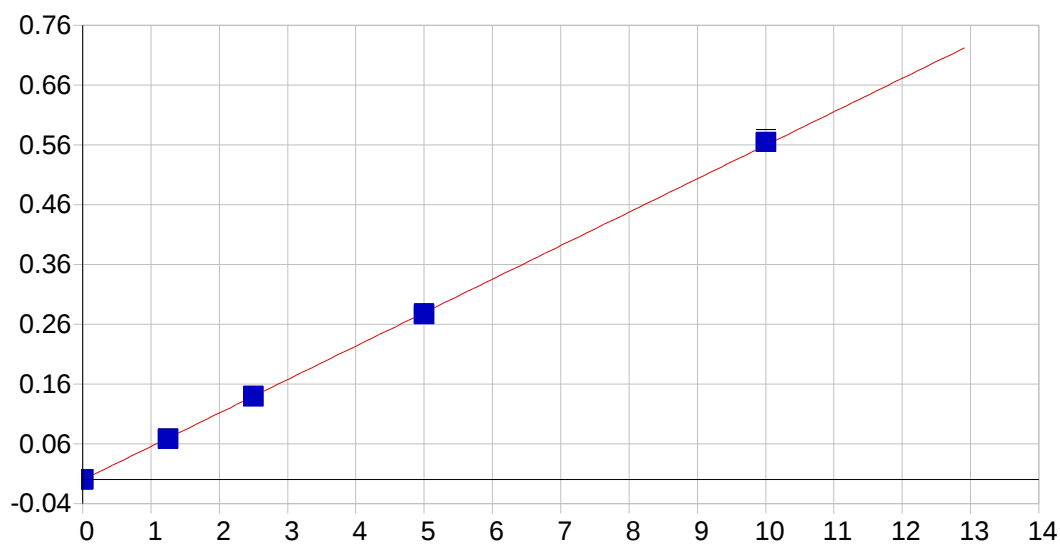


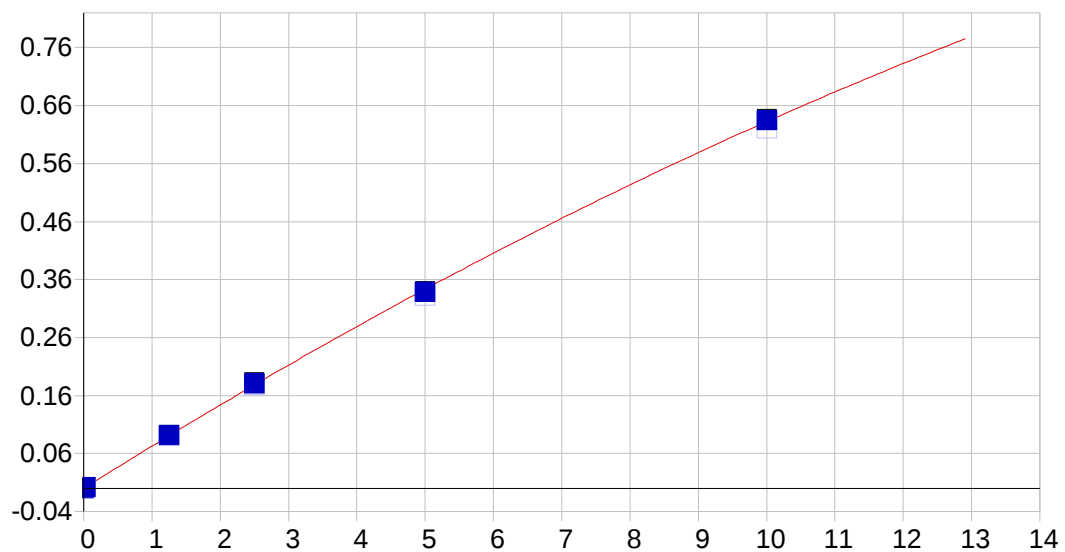


As 189.042 {479}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000330 Re-Slope: 1.000000
 A1 (Gain): 0.055969 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.003475
 Predicted MQL: 0.011583

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.01000	.00861	-.001	-13.9	.00015	.000	1
S2	1.2500	1.2249	-.025	-2.00	.06821	.000	1
S3	2.5000	2.4905	-.010	-.381	.13902	.000	1
S4	5.0000	4.9382	-.062	-1.24	.27598	.001	1
S5	10.000	10.098	.098	.978	.56468	.004	1

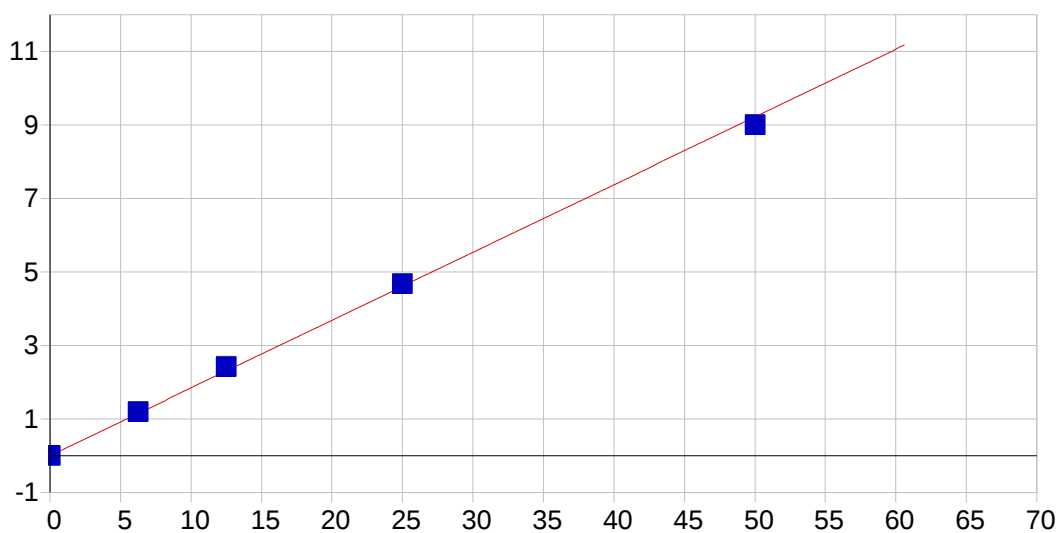


TI 190.856 {477}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000319 Re-Slope: 1.000000
 A1 (Gain): 0.074227 Y-int: 0.000000
 A2 (Curvature): -0.001095
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.001749
 Predicted MQL: 0.005830

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.02500	.02777	.003	11.1	.00158	.000	1
S2	1.2500	1.2576	.008	.607	.08961	.001	1
S3	2.5000	2.5331	.033	1.32	.17730	.001	1
S4	5.0000	4.9252	-.075	-1.50	.33195	.001	1
S5	10.000	10.033	.033	.332	.62068	.002	1

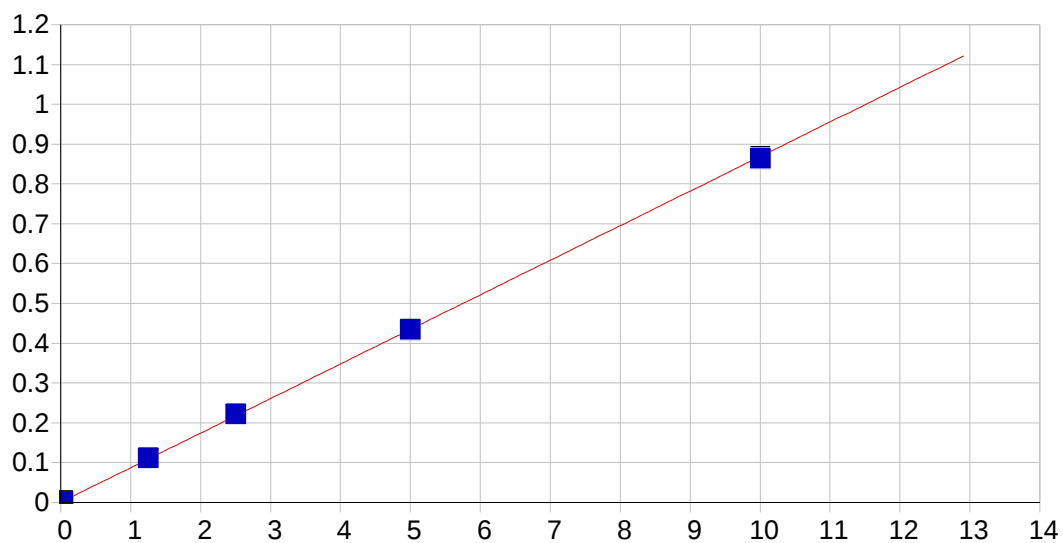


Pb 220.353 {453}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000120 Re-Slope: 1.000000
 A1 (Gain): 0.184378 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999622 Status: OK.
 Std Error of Est: 0.000190
 Predicted MDL: 0.001484
 Predicted MQL: 0.004945

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.01000	.01160	.002	16.0	.00226	.000	1
S2	6.2500	6.4783	.228	3.65	1.1949	.006	1
S3	12.500	13.111	.611	4.89	2.4182	.020	1
S4	25.000	25.341	.341	1.36	4.6737	.005	1
S5	50.000	48.819	-1.18	-2.36	9.0039	.014	1

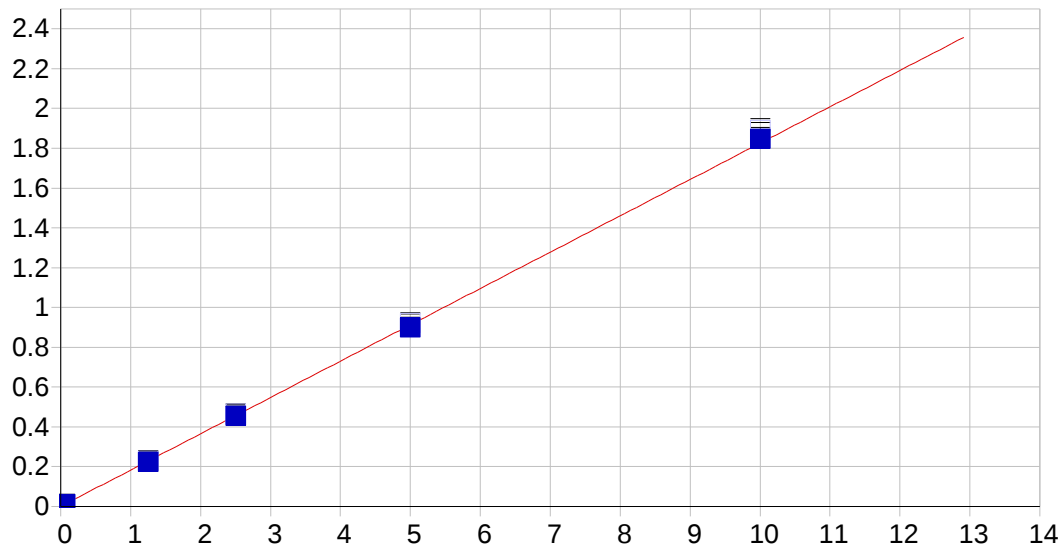


Se 196.090 {472}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000534 Re-Slope: 1.000000
 A1 (Gain): 0.086834 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.002797
 Predicted MQL: 0.009322

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00053	.000	1
S1	.03500	.03318	-.002	-5.19	.00341	.000	1
S2	1.2500	1.2731	.023	1.85	.11068	.000	1
S3	2.5000	2.5489	.049	1.96	.22106	.000	1
S4	5.0000	4.9848	-.015	-.303	.43178	.002	1
S5	10.000	9.9450	-.055	-.550	.86089	.005	1

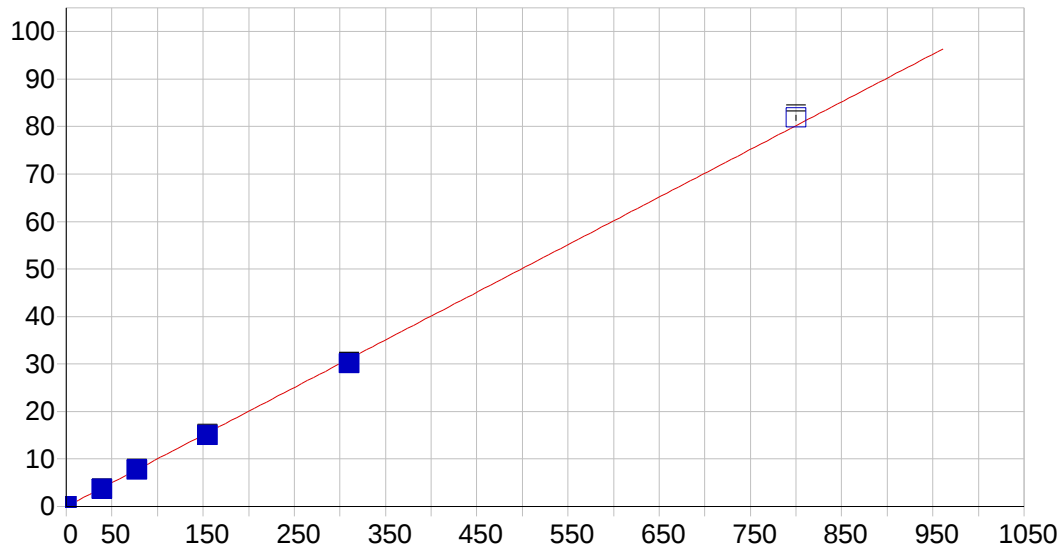


Sb 206.833 {463}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000217 Re-Slope: 1.000000
 A1 (Gain): 0.182538 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000096
 Predicted MDL: 0.001436
 Predicted MQL: 0.004787

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.06000	.06117	.001	1.96	.01138	.000	1
S2	1.2500	1.2239	-.026	-2.09	.22910	.001	1
S3	2.5000	2.4839	-.016	-.645	.46459	.002	1
S4	5.0000	4.9264	-.074	-1.47	.92140	.003	1
S5	10.000	10.115	.115	1.15	1.8904	.009	1

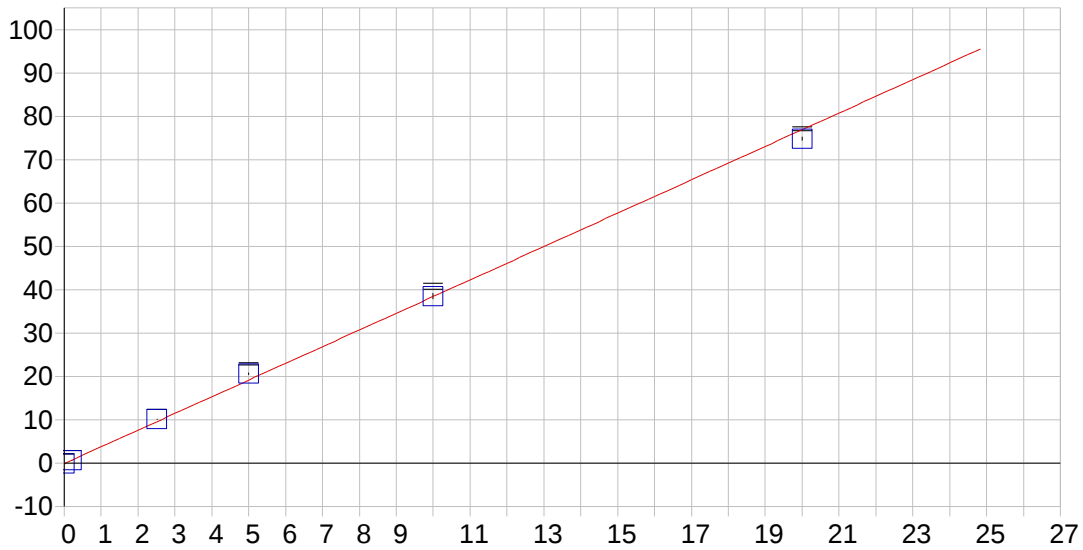


AI 396.152 { 85}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000703 Re-Slope: 1.000000
 A1 (Gain): 0.100242 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999674 Status: OK.
 Std Error of Est: 0.001591
 Predicted MDL: 0.004771
 Predicted MQL: 0.015903

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00070	.000	1
S1	.20000	.20015	.000	.076	.02080	.000	1
S2	38.750	37.196	-1.55	-4.01	3.7339	.019	1
S3	77.500	77.257	-.243	-.314	7.7544	.093	1
S4	155.00	149.67	-5.33	-3.44	15.023	.178	1
S5	310.00	300.33	-9.67	-3.12	30.144	.223	1
S6	800.00	816.81	16.8	2.10	81.879	.619	1

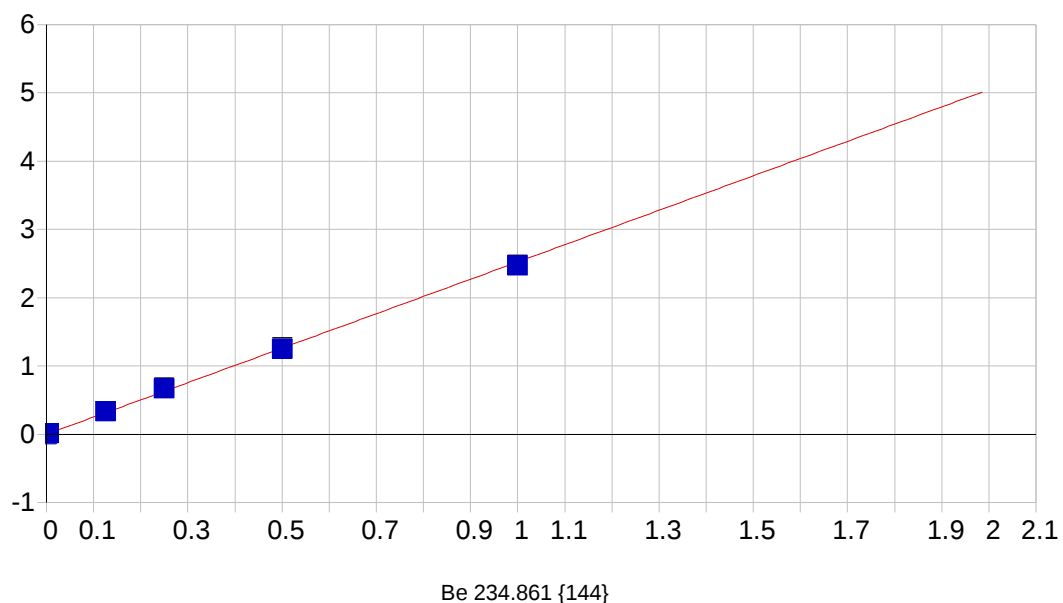


Ba 493.409 { 68}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.093374 Re-Slope: 1.000000
 A1 (Gain): 3.849381 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999286 Status: OK.
 Std Error of Est: 0.015465
 Predicted MDL: 0.000469
 Predicted MQL: 0.001563

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.09342	.002	1
S1	.20000	.18975	-.010	-5.13	.63704	.001	1
S2	2.5000	2.6477	.148	5.91	10.099	.043	1
S3	5.0000	5.3863	.386	7.73	20.640	.252	1
S4	10.000	10.019	.019	.191	38.474	.678	1
S5	20.000	19.457	-.543	-2.71	74.805	.476	1



Date of Fit: 8/21/2017 14:31:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001727

Re-Slope: 1.000000

A1 (Gain): 2.525181

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999456

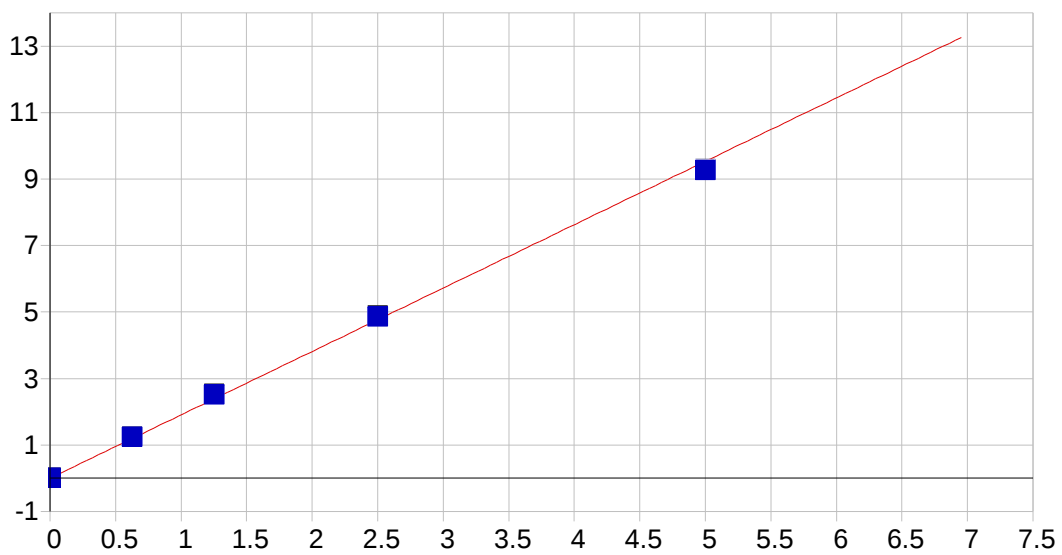
Status: OK.

Std Error of Est: 0.000312

Predicted MDL: 0.000092

Predicted MQL: 0.000305

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00173	.000	1
S1	.00500	.00615	.001	23.0	.01379	.000	1
S2	.12500	.13224	.007	5.80	.33115	.001	1
S3	.25000	.26514	.015	6.06	.66567	.009	1
S4	.50000	.49676	-.003	-.648	1.2484	.016	1
S5	1.0000	.97970	-.020	-2.03	2.4637	.009	1

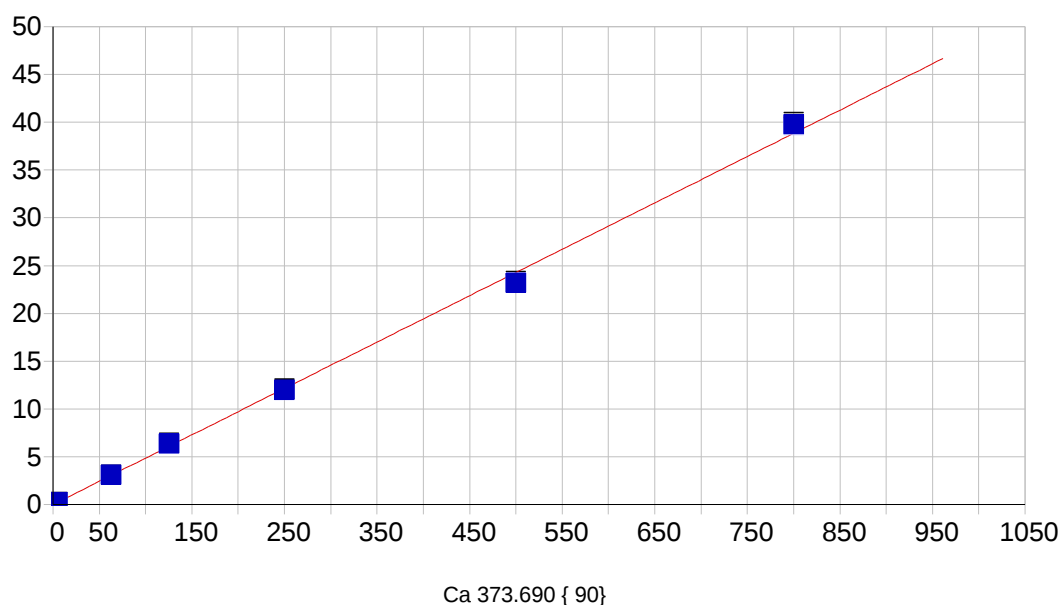


Cd 214.438 {457}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000459 Re-Slope: 1.000000
 A1 (Gain): 1.907003 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999516 Status: OK.
 Std Error of Est: 0.000499
 Predicted MDL: 0.000104
 Predicted MQL: 0.000347

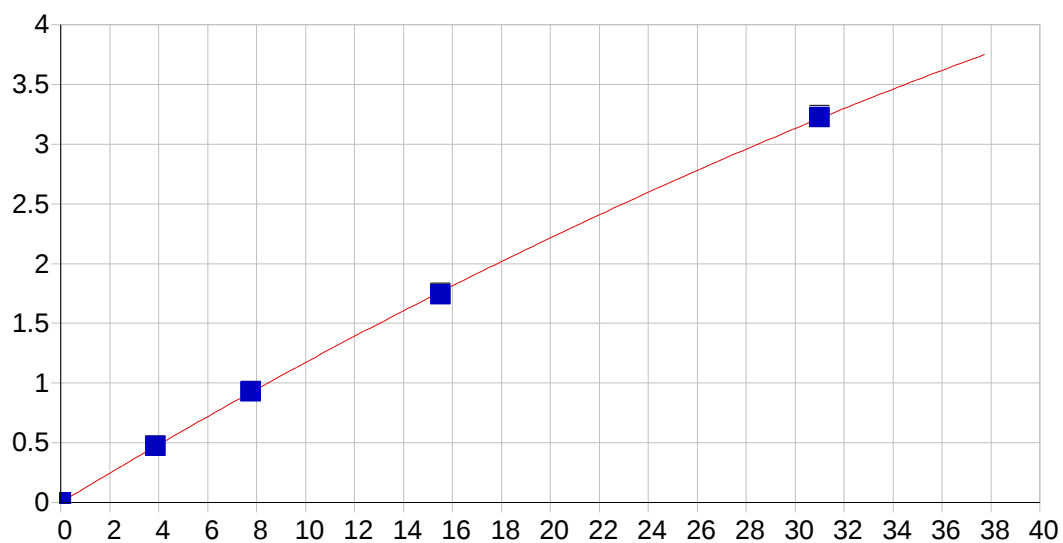
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00046	.000	1
S1	.00500	.00561	.001	12.1	.01024	.000	1
S2	.62500	.64871	.024	3.79	1.2394	.008	1
S3	1.2500	1.3159	.066	5.27	2.5145	.023	1
S4	2.5000	2.5475	.047	1.90	4.8688	.014	1
S5	5.0000	4.8623	-.138	-2.75	9.2944	.010	1



Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001404 Re-Slope: 1.000000
 A1 (Gain): 0.048551 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999495 Status: OK.
 Std Error of Est: 0.005377
 Predicted MDL: 0.009412
 Predicted MQL: 0.031375

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00025	.000	.000	.00139	.000	1
S1	5.0000	5.1222	.122	2.44	.25008	.001	1
S2	62.500	63.339	.839	1.34	3.0729	.009	1
S3	125.00	130.69	5.69	4.55	6.3390	.086	1
S4	250.00	246.67	-3.33	-1.33	11.963	.121	1
S5	500.00	477.76	-22.2	-4.45	23.168	.170	1
S6	800.00	818.93	18.9	2.37	39.682	.251	1

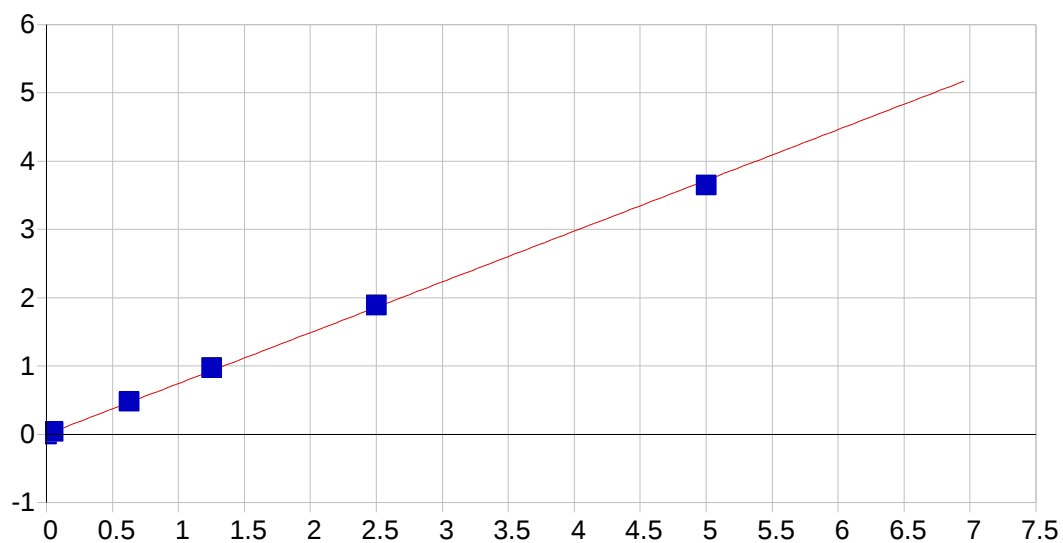


Cr 267.716 {126}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000035 Re-Slope: 1.000000
 A1 (Gain): 0.123600 Y-int: 0.000000
 A2 (Curvature): -0.000643
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.000488
 Predicted MQL: 0.001625

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.01000	.01097	.001	9.74	.00141	.000	1
S2	3.8750	3.9082	.033	.856	.47451	.000	1
S3	7.7500	7.8266	.077	.988	.93052	.002	1
S4	15.500	15.306	-.194	-1.25	1.7462	.009	1
S5	31.000	31.089	.089	.286	3.2315	.012	1

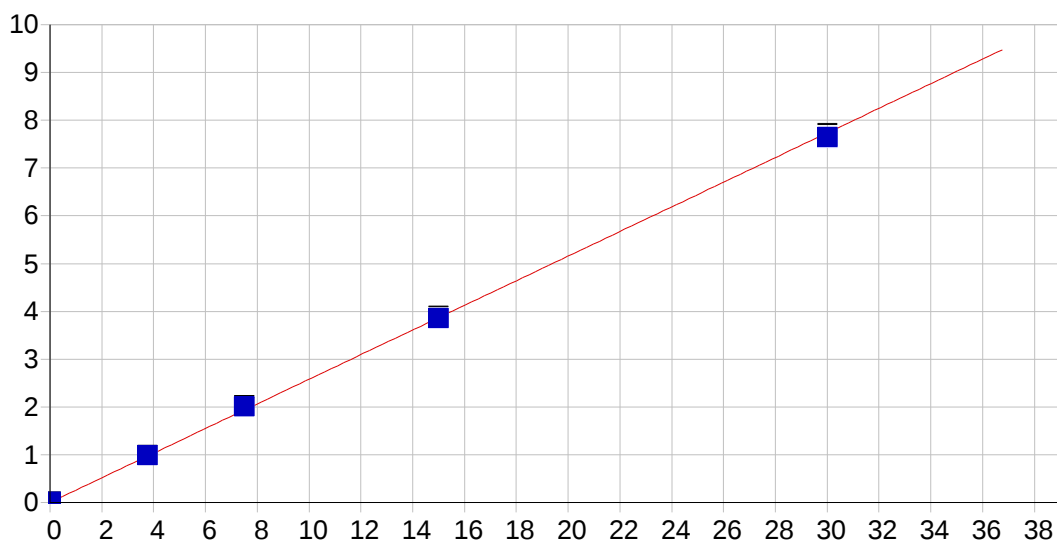


Co 228.616 {448}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000339 Re-Slope: 1.000000
 A1 (Gain): 0.743957 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999721 Status: OK.
 Std Error of Est: 0.000468
 Predicted MDL: 0.000248
 Predicted MQL: 0.000826

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00034	.000	1
S1	.05000	.04949	-.001	-1.02	.03661	.000	1
S2	.62500	.64284	.018	2.85	.47888	.002	1
S3	1.2500	1.3011	.051	4.09	.96954	.007	1
S4	2.5000	2.5357	.036	1.43	1.8900	.004	1
S5	5.0000	4.8959	-.104	-2.08	3.6497	.003	1

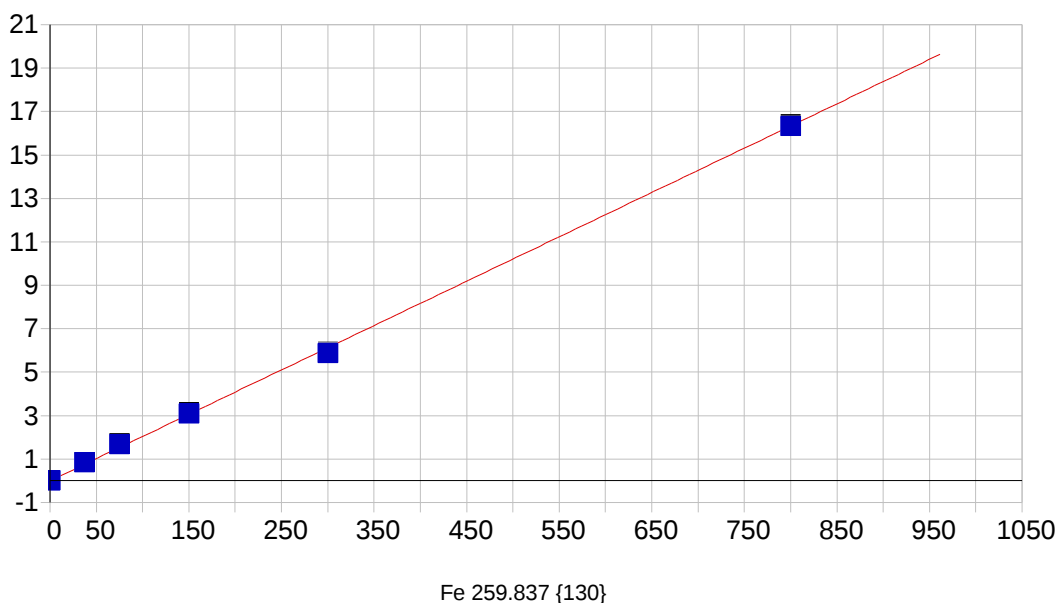


Cu 324.754 {104}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001451 Re-Slope: 1.000000
 A1 (Gain): 0.257779 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835 Status: OK.
 Std Error of Est: 0.000214
 Predicted MDL: 0.001190
 Predicted MQL: 0.003967

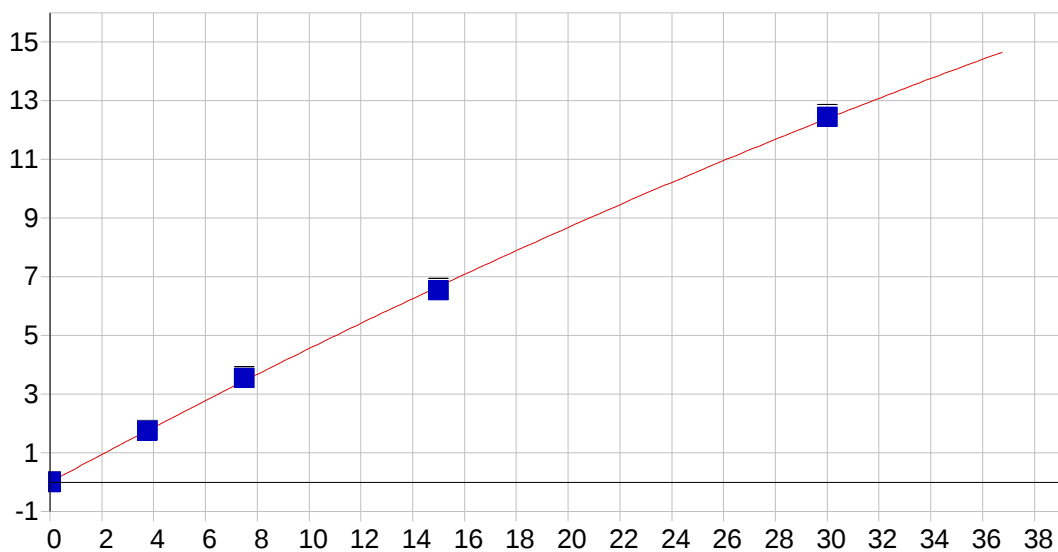
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00145	.000	1
S1	.02500	.02830	.003	13.2	.00870	.000	1
S2	3.7500	3.8275	.077	2.07	.98533	.003	1
S3	7.5000	7.8066	.307	4.09	2.0083	.021	1
S4	15.000	14.945	-.055	-.368	3.8429	.049	1
S5	30.000	29.668	-.332	-1.11	7.6271	.076	1



Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000021 Re-Slope: 1.000000
 A1 (Gain): 0.020420 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999413 Status: OK.
 Std Error of Est: 0.000306
 Predicted MDL: 0.007320
 Predicted MQL: 0.024401

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	-.00002	.000	1
S1	.10000	.12387	.024	23.9	.00252	.000	1
S2	37.500	40.970	3.47	9.25	.83751	.004	1
S3	75.000	82.633	7.63	10.2	1.6892	.019	1
S4	150.00	151.77	1.77	1.18	3.1028	.036	1
S5	300.00	288.03	-12.0	-3.99	5.8889	.039	1
S6	800.00	799.07	-.932	-.117	16.325	.071	1

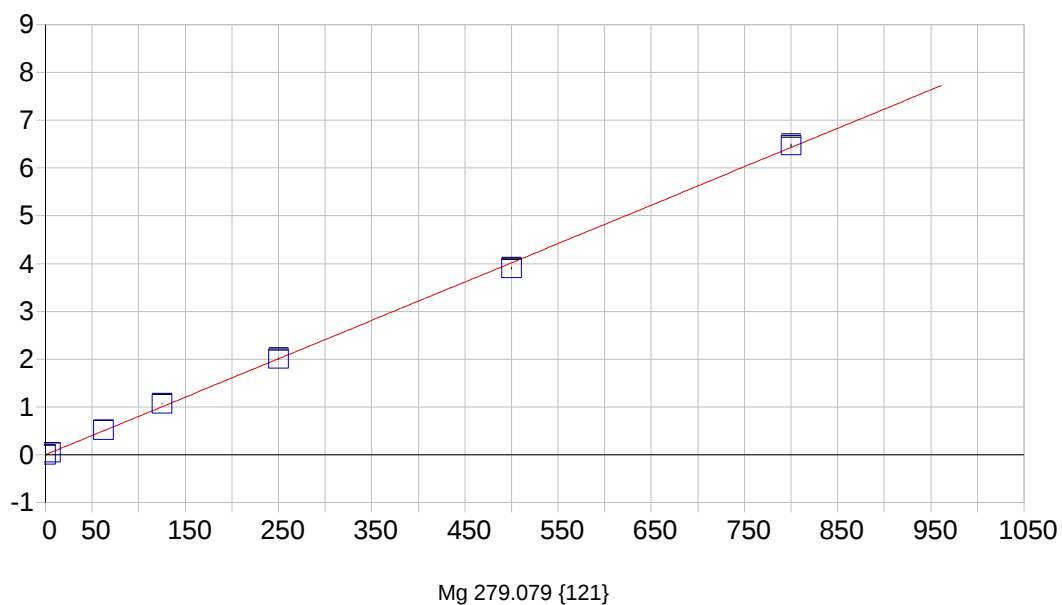


Mn 257.610 {131}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000060 Re-Slope: 1.000000
 A1 (Gain): 0.476480 Y-int: 0.000000
 A2 (Curvature): -0.002110
 n (Exponent): 1.000000
 Correlation: 0.999880 Status: OK.
 Std Error of Est: 0.000275
 Predicted MDL: 0.000349
 Predicted MQL: 0.001163

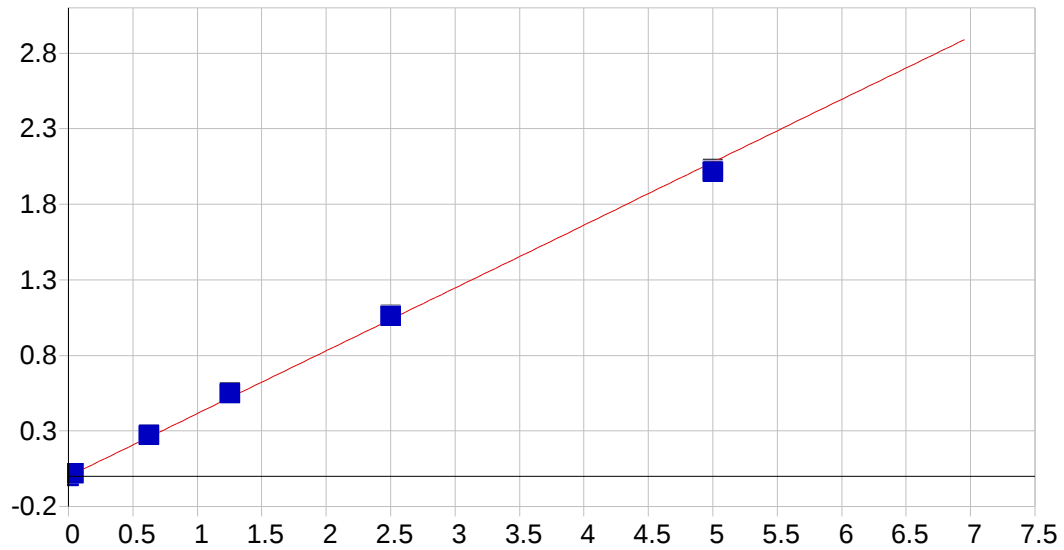
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.01500	.01578	.001	5.21	.00746	.000	1
S2	3.7500	3.7451	-.005	-.132	1.7552	.005	1
S3	7.5000	7.7118	.212	2.82	3.5497	.045	1
S4	15.000	14.667	-.333	-2.22	6.5361	.071	1
S5	30.000	30.131	.131	.436	12.444	.091	1



Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000069 Re-Slope: 1.000000
 A1 (Gain): 0.008036 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999735 Status: OK.
 Std Error of Est: 0.000646
 Predicted MDL: 0.021736
 Predicted MQL: 0.072452

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00038	.000	.000	-.00007	.000	1
S1	5.0000	5.0842	.084	1.68	.04079	.000	1
S2	62.500	63.953	1.45	2.32	.51385	.002	1
S3	125.00	132.14	7.14	5.71	1.0618	.012	1
S4	250.00	250.30	.300	.120	2.0113	.024	1
S5	500.00	485.20	-14.8	-2.96	3.8989	.025	1
S6	800.00	805.82	5.82	.728	6.4754	.034	1

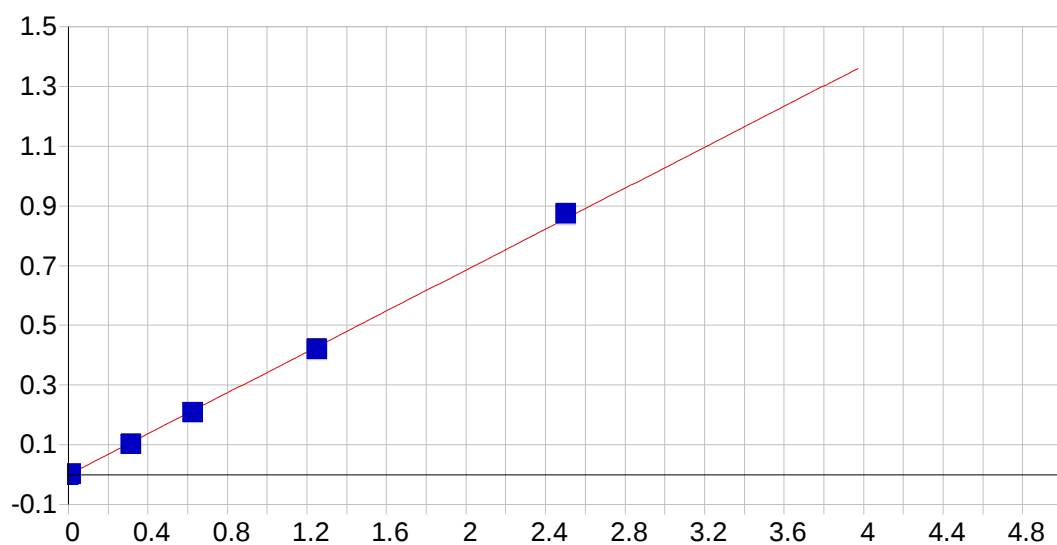


Ni 231.604 {446}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000510 Re-Slope: 1.000000
 A1 (Gain): 0.415698 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999409 Status: OK.
 Std Error of Est: 0.000341
 Predicted MDL: 0.000452
 Predicted MQL: 0.001507

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00051	.000	1
S1	.04000	.04138	.001	3.46	.01671	.000	1
S2	.62500	.65869	.034	5.39	.27467	.001	1
S3	1.2500	1.3192	.069	5.53	.55059	.005	1
S4	2.5000	2.5480	.048	1.92	1.0642	.001	1
S5	5.0000	4.8478	-.152	-3.04	2.0256	.006	1

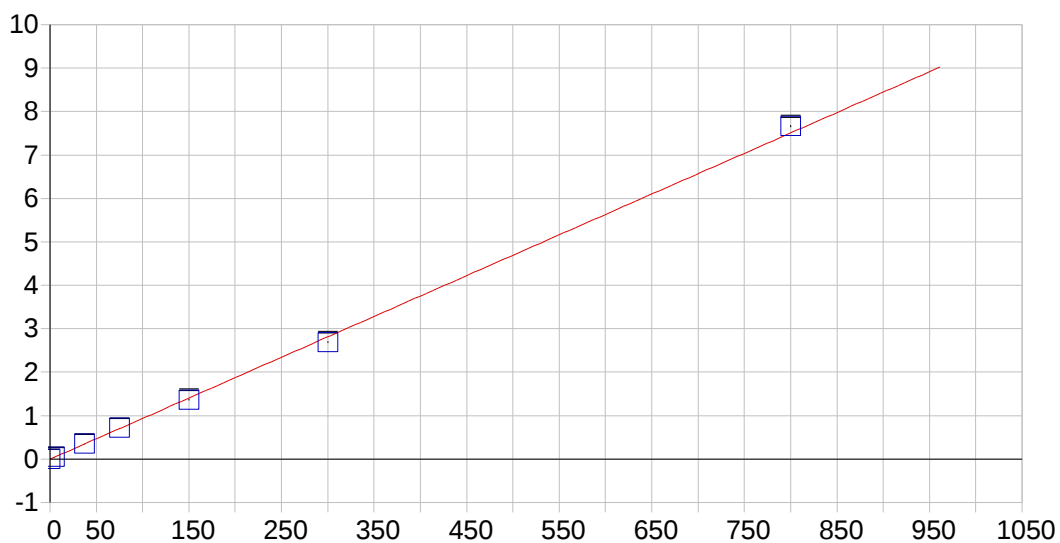


Ag 328.068 {103}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000078 Re-Slope: 1.000000
 A1 (Gain): 0.342554 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999740 Status: OK.
 Std Error of Est: 0.000065
 Predicted MDL: 0.000302
 Predicted MQL: 0.001006

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.01000	.01044	.000	4.42	.00349	.000	1
S2	.31250	.29927	-.013	-4.23	.10171	.000	1
S3	.62500	.61057	-.014	-2.31	.20761	.000	1
S4	1.2500	1.2261	-.024	-1.91	.41701	.001	1
S5	2.5000	2.5511	.051	2.04	.86797	.001	1

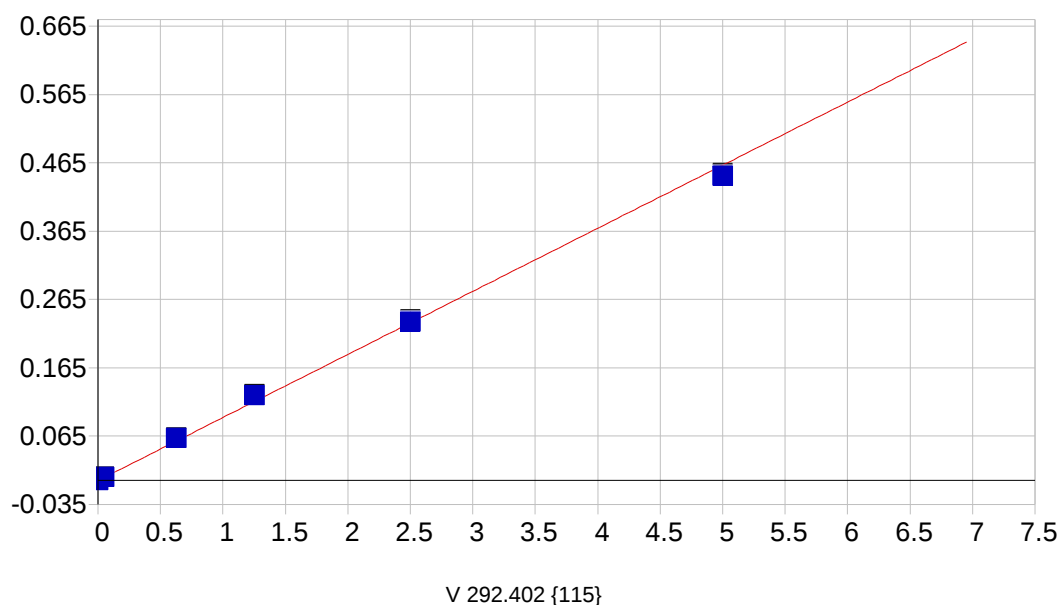


Na 818.326 { 41}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003312 Re-Slope: 1.000000
 A1 (Gain): 0.009390 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999603 Status: OK.
 Std Error of Est: 0.000818
 Predicted MDL: 0.104205
 Predicted MQL: 0.347349

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00031	.000	.000	-.00331	.000	1
S1	5.0000	4.9209	-.079	-1.58	.04289	.001	1
S2	37.500	37.213	-.287	-.766	.34610	.003	1
S3	75.000	76.143	1.14	1.52	.71164	.009	1
S4	150.00	145.48	-4.52	-3.01	1.3627	.018	1
S5	300.00	286.89	-13.1	-4.37	2.6904	.021	1
S6	800.00	816.86	16.9	2.11	7.6666	.023	1



Date of Fit: 8/21/2017 14:31:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000009

Re-Slope: 1.000000

A1 (Gain): 0.092356

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999069

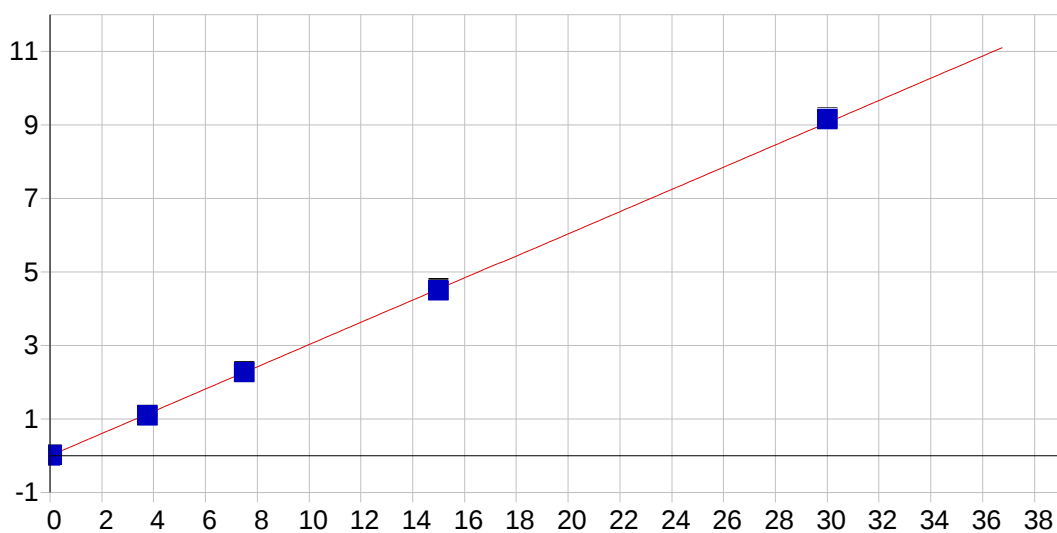
Status: OK.

Std Error of Est: 0.000106

Predicted MDL: 0.002181

Predicted MQL: 0.007271

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00001	.000	1
S1	.05000	.05472	.005	9.44	.00506	.000	1
S2	.62500	.66985	.045	7.18	.06209	.001	1
S3	1.2500	1.3505	.100	8.04	.12519	.001	1
S4	2.5000	2.5202	.020	.809	.23370	.002	1
S5	5.0000	4.8297	-.170	-3.41	.44795	.002	1

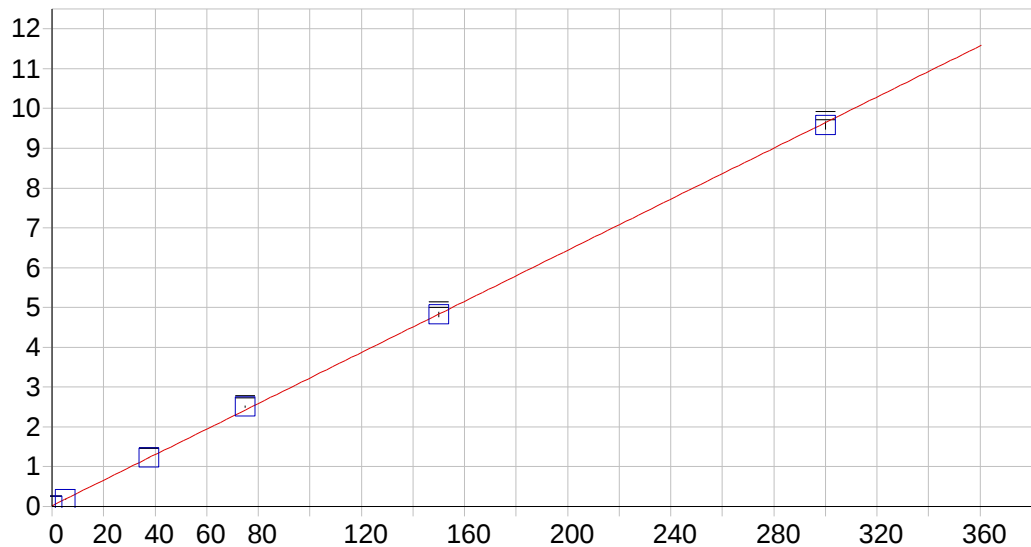


Zn 213.856 {158}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000450 Re-Slope: 1.000000
 A1 (Gain): 0.302137 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906 Status: OK.
 Std Error of Est: 0.000296
 Predicted MDL: 0.002911
 Predicted MQL: 0.009703

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00045	.000	1
S1	.06000	.06047	.000	.780	.01789	.000	1
S2	3.7500	3.5996	-.150	-4.01	1.0898	.009	1
S3	7.5000	7.4936	-.006	-.085	2.2691	.017	1
S4	15.000	14.850	-.150	-.999	4.4972	.048	1
S5	30.000	30.306	.306	1.02	9.1779	.018	1

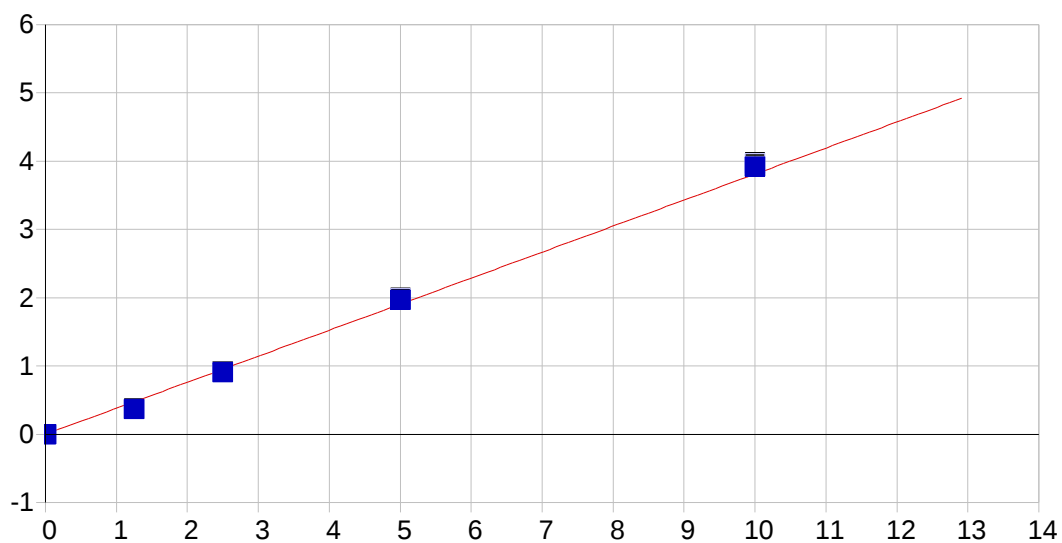


K 769.896 { 44}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.018595 Re-Slope: 1.000000
 A1 (Gain): 0.032092 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910 Status: OK.
 Std Error of Est: 0.000889
 Predicted MDL: 0.028852
 Predicted MQL: 0.096174

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	.000	.000	.01859	.000	1
S1	5.0000	4.9361	-.064	-1.28	.17700	.000	1
S2	37.500	37.468	-.032	-.085	1.2210	.002	1
S3	75.000	77.531	2.53	3.37	2.5067	.026	1
S4	150.00	149.74	-.255	-.170	4.8242	.064	1
S5	300.00	297.82	-2.18	-.727	9.5762	.101	1

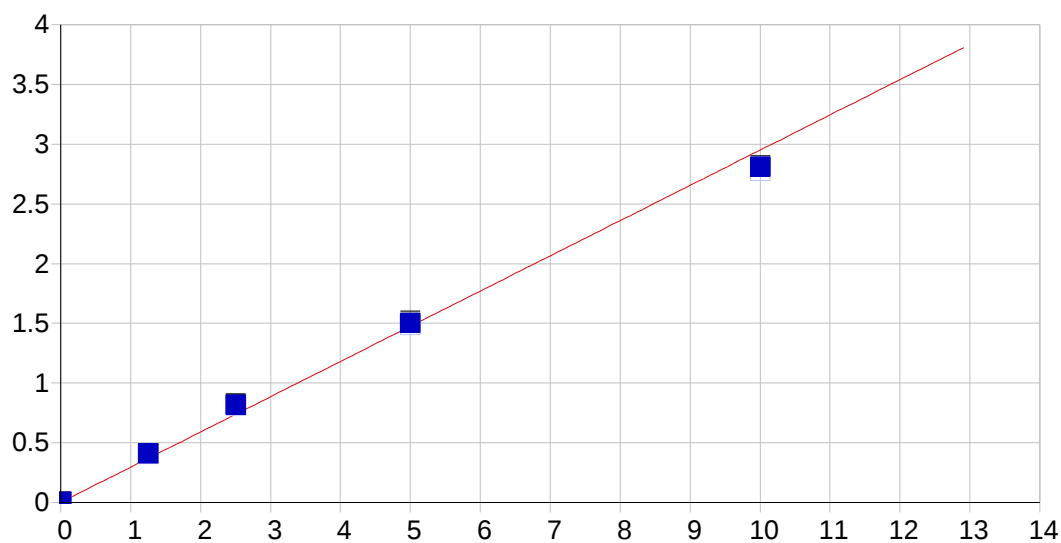


P 177.495 {490}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000809 Re-Slope: 1.000000
 A1 (Gain): 0.381242 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997501 Status: OK.
 Std Error of Est: 0.000459
 Predicted MDL: 0.000284
 Predicted MQL: 0.000947

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00080	.000	1
S1	.01000	.00134	-.009	-86.6	-.00022	.000	1
S2	1.2500	.95462	-.295	-23.6	.36929	.002	1
S3	2.5000	2.3706	-.129	-5.17	.91530	.006	1
S4	5.0000	5.1553	.155	3.11	1.9893	.005	1
S5	10.000	10.278	.278	2.78	3.9669	.014	1

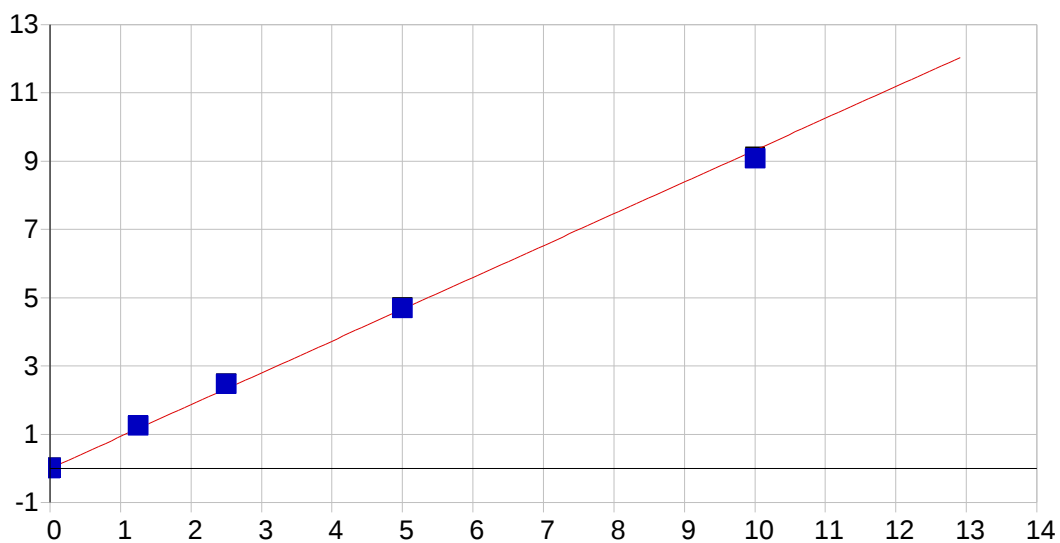


B 249.678 {135}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000824 Re-Slope: 1.000000
 A1 (Gain): 0.294908 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998202 Status: OK.
 Std Error of Est: 0.000293
 Predicted MDL: 0.000895
 Predicted MQL: 0.002982

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00082	.000	1
S1	.01000	.01241	.002	24.1	.00449	.000	1
S2	1.2500	1.3810	.131	10.5	.40347	.001	1
S3	2.5000	2.7616	.262	10.5	.80600	.009	1
S4	5.0000	5.0835	.083	1.67	1.4815	.019	1
S5	10.000	9.5215	-.478	-4.78	2.7719	.012	1



Date of Fit: 8/21/2017 14:31:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000018

Re-Slope: 1.000000

A1 (Gain): 0.932329

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999395

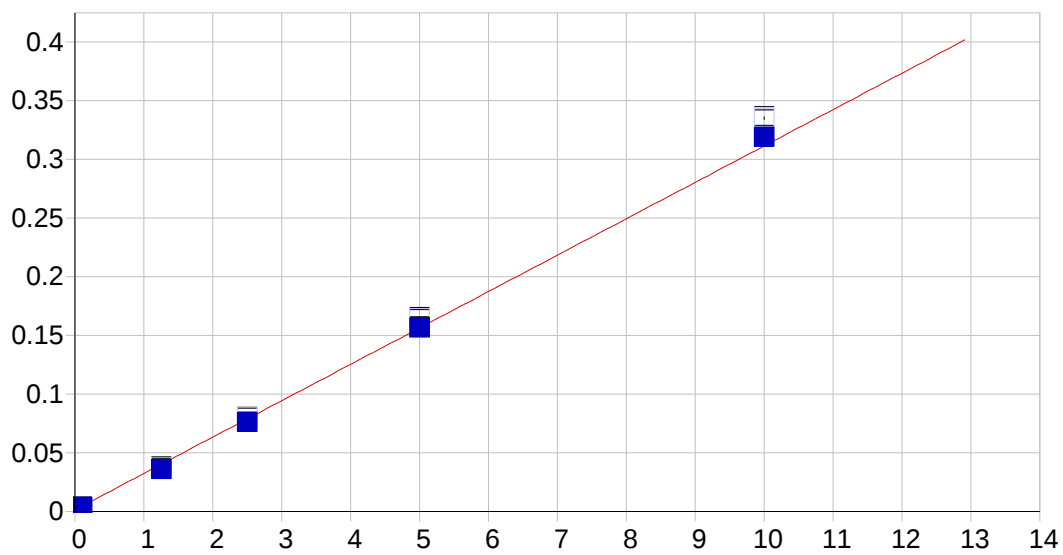
Status: OK.

Std Error of Est: 0.000545

Predicted MDL: 0.000290

Predicted MQL: 0.000966

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01000	.01207	.002	20.7	.01126	.000	1
S2	1.2500	1.3408	.091	7.26	1.2511	.004	1
S3	2.5000	2.6445	.145	5.78	2.4677	.013	1
S4	5.0000	5.0309	.031	.618	4.6947	.009	1
S5	10.000	9.7317	-.268	-2.68	9.0816	.037	1

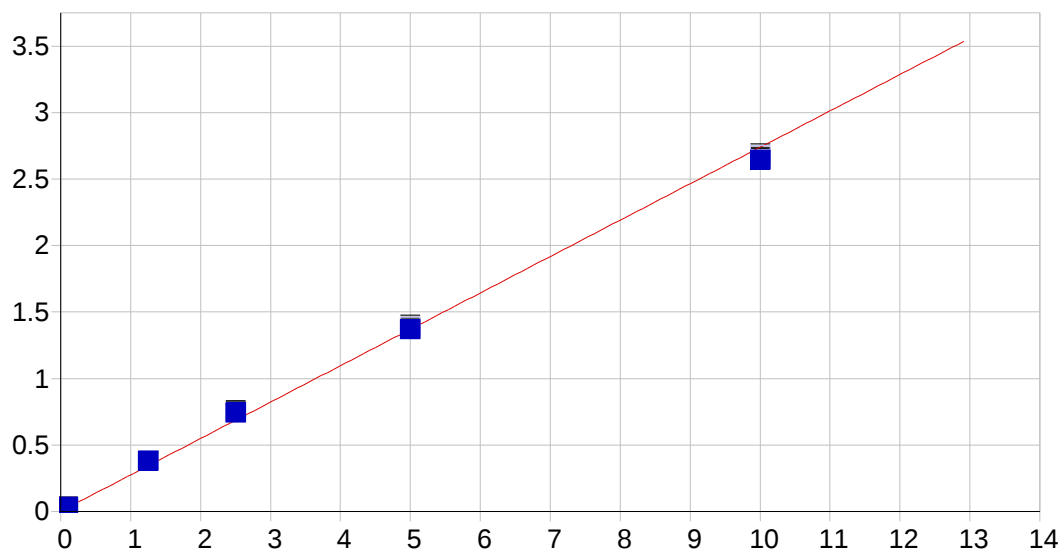


S 182.034 {485}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001386 Re-Slope: 1.000000
 A1 (Gain): 0.031015 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999259 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.003696
 Predicted MQL: 0.012320

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00139	.000	1
S1	.10000	.07636	-.024	-23.6	.00376	.000	1
S2	1.2500	1.1113	-.139	-11.1	.03782	.000	1
S3	2.5000	2.4064	-.094	-3.74	.07996	.000	1
S4	5.0000	5.0029	.003	.057	.16443	.001	1
S5	10.000	10.252	.252	2.52	.33512	.001	1

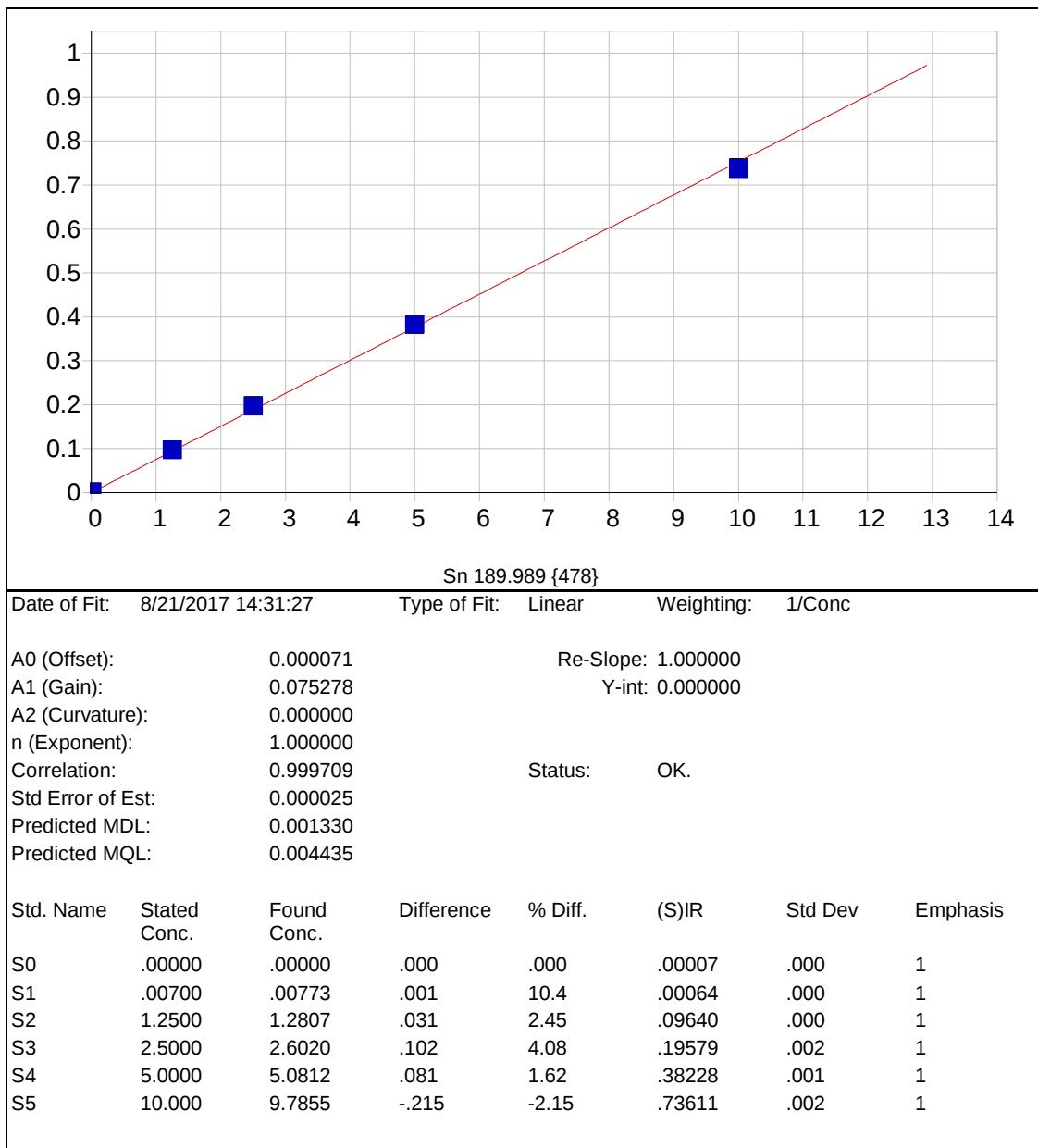


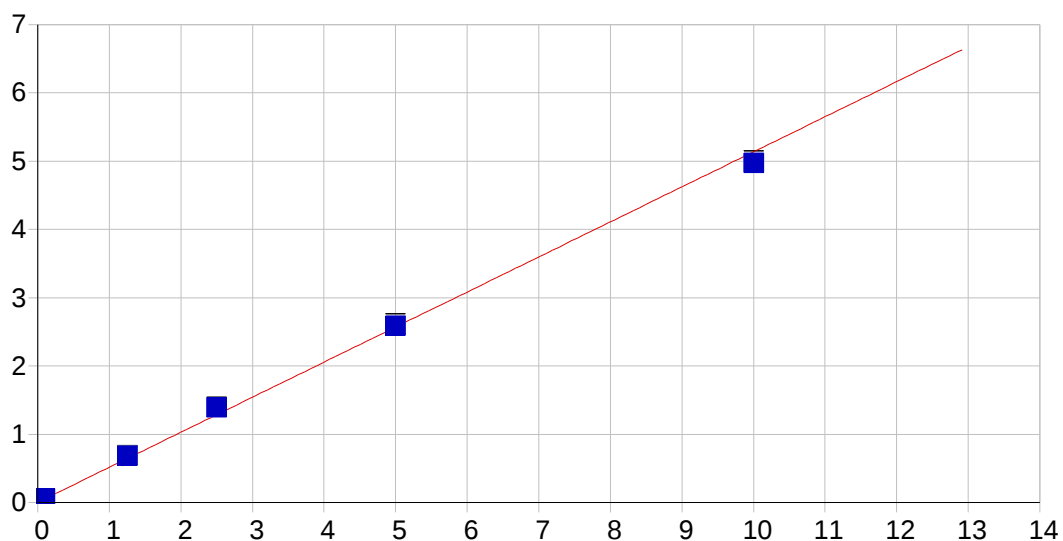
Si 251.611 {134}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001497 Re-Slope: 1.000000
 A1 (Gain): 0.273712 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998904 Status: OK.
 Std Error of Est: 0.000689
 Predicted MDL: 0.000997
 Predicted MQL: 0.003322

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00149	.000	1
S1	.10000	.11071	.011	10.7	.03190	.000	1
S2	1.2500	1.3786	.129	10.3	.38286	.001	1
S3	2.5000	2.7003	.200	8.01	.74866	.011	1
S4	5.0000	5.0057	.006	.114	1.3877	.015	1
S5	10.000	9.6548	-.345	-3.45	2.6764	.013	1



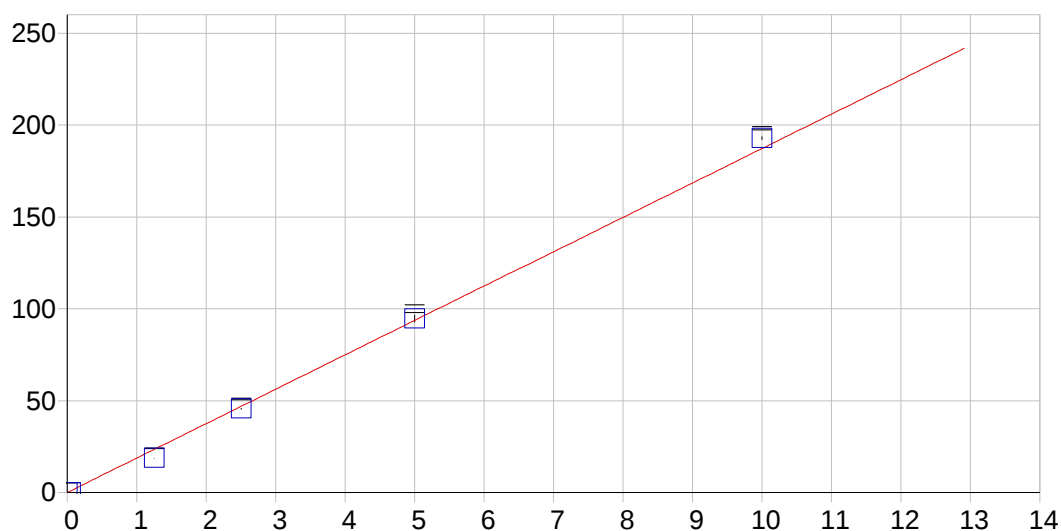


Ti 336.121 {100}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001634 Re-Slope: 1.000000
 A1 (Gain): 0.513630 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999154 Status: OK.
 Std Error of Est: 0.001123
 Predicted MDL: 0.000657
 Predicted MQL: 0.002191

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00162	.000	1
S1	.10000	.10657	.007	6.57	.05636	.000	1
S2	1.2500	1.3302	.080	6.42	.68465	.004	1
S3	2.5000	2.6976	.198	7.91	1.3868	.015	1
S4	5.0000	5.0383	.038	.766	2.5886	.028	1
S5	10.000	9.6773	-.323	-3.23	4.9704	.037	1



Li 670.784 { 50}

Date of Fit: 8/21/2017 14:31:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.013803 Re-Slope: 1.000000
 A1 (Gain): 18.716277 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997309 Status: OK.
 Std Error of Est: 0.051633
 Predicted MDL: 0.000058
 Predicted MQL: 0.000194

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.01481	.000	1
S5	10.000	10.304	.304	3.04	192.86	.790	1
S4	5.0000	5.0572	.057	1.14	94.667	2.09	1
S3	2.5000	2.4341	-.066	-2.64	45.571	.545	1
S2	1.2500	.99974	-.250	-20.0	18.725	.092	1
S1	.05000	.00538	-.045	-89.2	.11451	.000	1



Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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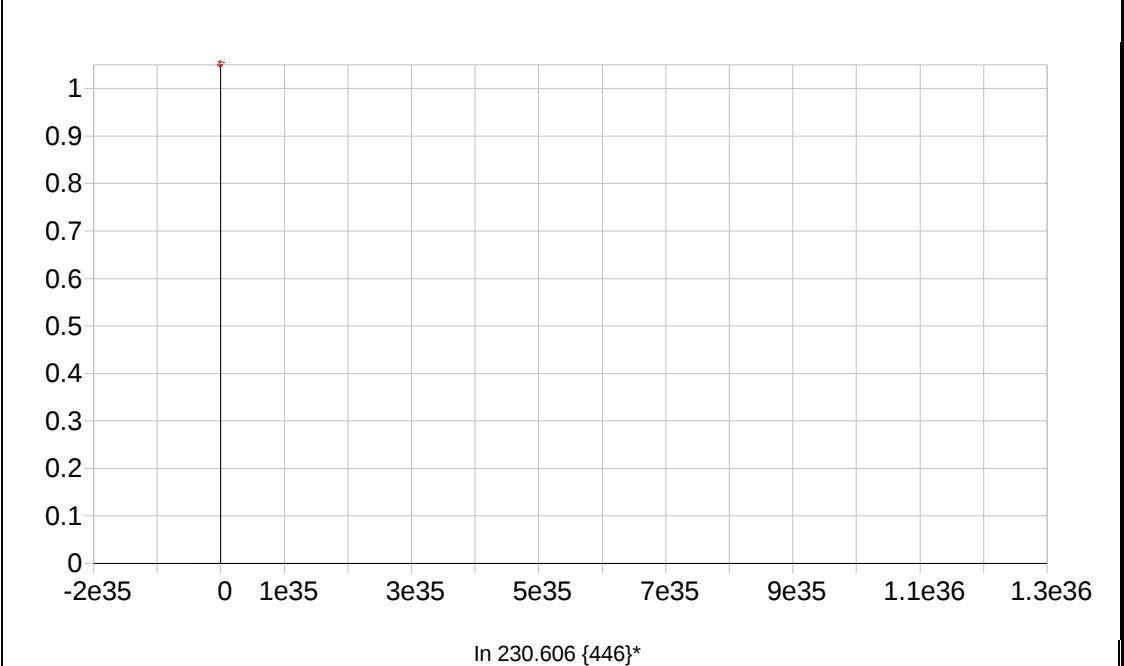
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

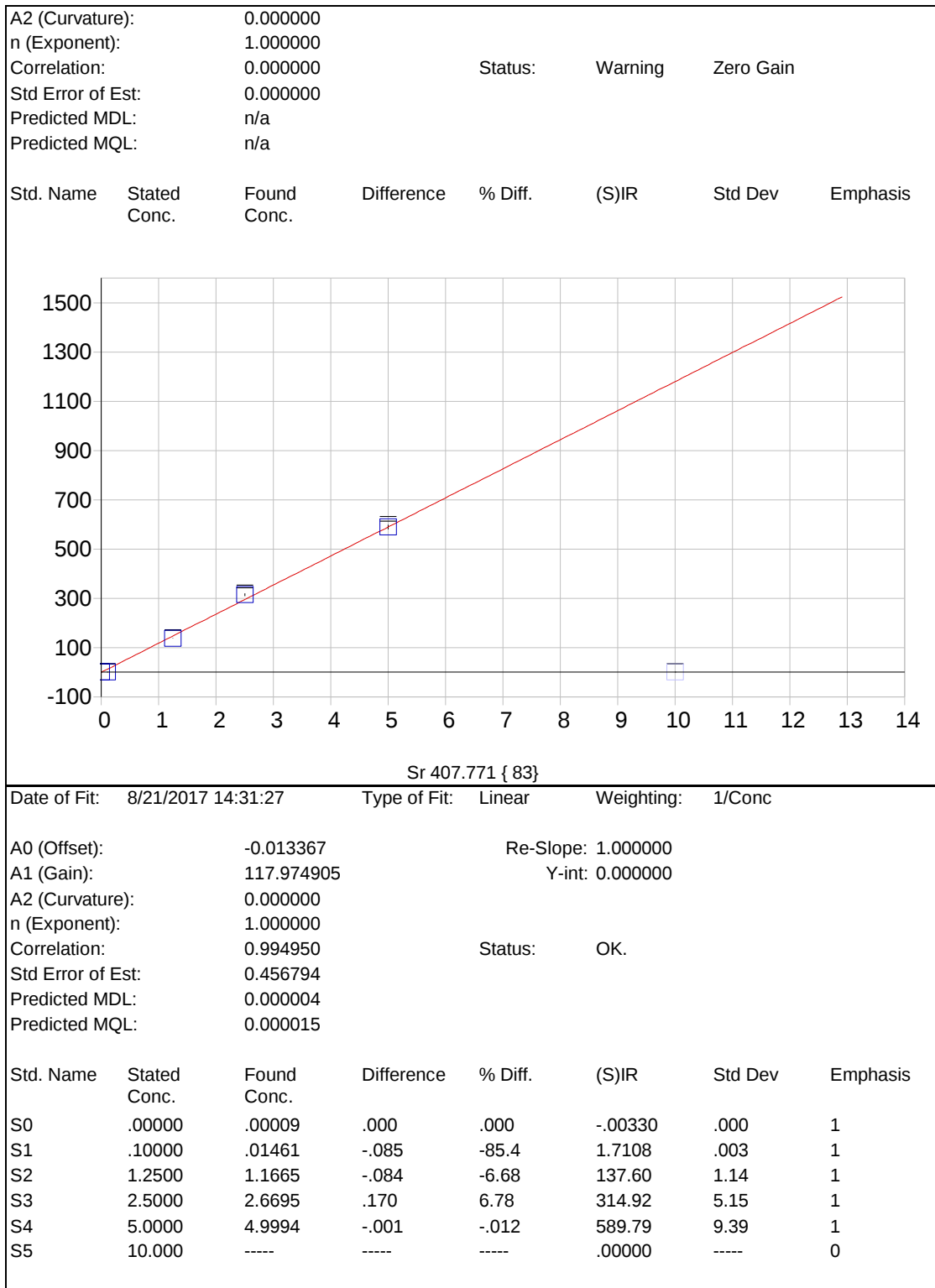
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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



Sample Name: S0 Acquired: 8/21/2017 13:52:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 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	-.00032	.00012	.00053	.00022	.00070	-.09342	-.00173
Stddev	.00020	.00007	.00017	.00009	.00015	.00032	.00155	.00016
%RSD	61.976	22.088	141.74	16.393	67.082	46.030	1.6584	9.5200

#1	-.00030	-.00024	.00031	.00045	.00007	.00073	-.09471	-.00164
#2	-.00014	-.00038	.00008	.00062	.00036	.00037	-.09170	-.00192
#3	-.00055	-.00033	-.00003	.00054	.00023	.00101	-.09384	-.00163

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00046	.00139	.00003	-.00034	.00145	-.00002	-.00006	-.00007
Stddev	.00009	.00026	.00002	.00014	.00010	.00006	.00017	.00008
%RSD	19.497	18.981	56.223	41.427	6.7772	292.86	277.92	114.28

#1	-.00056	.00163	.00004	-.00032	.00148	-.00010	.00007	.00000
#2	-.00038	.00144	.00005	-.00021	.00134	.00002	.00000	-.00006
#3	-.00045	.00111	.00001	-.00049	.00153	.00001	-.00025	-.00016

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00051	-.00008	-.00331	-.00001	-.00045	.01859	-.00080	.00082
Stddev	.00009	.00002	.00049	.00027	.00040	.00037	.00004	.00024
%RSD	16.853	22.318	14.933	2810.7	88.520	2.0103	4.3744	29.011

#1	-.00058	-.00009	-.00348	-.00031	-.00081	.01846	-.00081	.00098
#2	-.00055	-.00006	-.00370	.00021	-.00051	.01830	-.00084	.00055
#3	-.00041	-.00009	-.00275	.00007	-.00002	.01902	-.00077	.00094

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	-.00002	.00139	.00149	.00007	.00162	.01481	-.00330	
Stddev	.00015	.00019	.00005	.00007	.00016	.00018	.00020	
%RSD	725.23	13.711	3.5798	92.329	10.065	1.2128	5.9266	

#1	-.00019	.00158	.00145	.00013	.00157	.01484	-.00327	
#2	.00001	.00120	.00147	.00000	.00150	.01498	-.00351	
#3	.00011	.00138	.00155	.00008	.00181	.01462	-.00313	

Sample Name: S0 Acquired: 8/21/2017 13:52:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1023.5	1810.8	39280.	8301.4	3257.3
Stddev	7.9	.7	55.	55.1	3.2
%RSD	.77343	.04041	.13912	.66392	.09724
#1	1014.6	1811.5	39219.	8254.9	3256.4
#2	1026.2	1810.9	39299.	8287.1	3254.7
#3	1029.8	1810.0	39323.	8362.3	3260.8

Sample Name: S1 Acquired: 8/21/2017 13:57:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 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	.00015	.00158	.00226	.00341	.01138	.02080	.63704	.01379
Stddev	.00011	.00008	.00016	.00027	.00026	.00014	.00083	.00021
%RSD	75.056	5.1338	7.1216	7.9498	2.2853	.68269	.12977	1.5571
#1	.00011	.00149	.00242	.00322	.01140	.02088	.63642	.01394
#2	.00007	.00163	.00210	.00330	.01163	.02064	.63673	.01355
#3	.00028	.00164	.00226	.00372	.01111	.02089	.63798	.01389
Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01024	.25008	.00141	.03661	.00870	.00252	.00746	.04079
Stddev	.00014	.00133	.00005	.00034	.00022	.00006	.00037	.00029
%RSD	1.3522	.53034	3.7226	.91523	2.5787	2.3617	5.0098	.72164
#1	.01040	.24945	.00143	.03687	.00896	.00247	.00784	.04055
#2	.01017	.24919	.00135	.03674	.00858	.00250	.00709	.04070
#3	.01015	.25161	.00145	.03623	.00857	.00259	.00746	.04112
Elem	Ni2316	Ag3280	Na8183	V_ 2924	Zn2138	K_ 7698	P_ 1774	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01671	.00349	.04289	.00506	.01789	.17700	-.00022	.00449
Stddev	.00006	.00019	.00106	.00027	.00044	.00036	.00002	.00014
%RSD	.36175	5.5248	2.4737	5.4250	2.4474	.20165	9.9349	3.2197
#1	.01667	.00328	.04336	.00515	.01746	.17739	-.00024	.00444
#2	.01678	.00366	.04364	.00475	.01787	.17694	-.00023	.00438
#3	.01669	.00353	.04168	.00527	.01833	.17668	-.00020	.00466
Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.01126	.00376	.03190	.00064	.05636	.11451	1.7108	
Stddev	.00043	.00015	.00030	.00005	.00049	.00042	.0032	
%RSD	3.8136	4.0677	.93229	7.8710	.86556	.36253	.18784	
#1	.01154	.00393	.03223	.00068	.05639	.11435	1.7099	
#2	.01076	.00363	.03166	.00059	.05683	.11499	1.7144	
#3	.01147	.00372	.03181	.00067	.05585	.11420	1.7081	

Sample Name: S1 Acquired: 8/21/2017 13:57:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	994.93	1786.6	38217.	8224.1	3127.5
Stddev	3.94	7.9	77.	21.3	15.2
%RSD	.39593	.44463	.20118	.25940	.48665
#1	999.38	1779.0	38147.	8215.9	3112.1
#2	991.88	1785.8	38205.	8248.3	3128.0
#3	993.54	1794.9	38299.	8208.1	3142.5

Sample Name: S2 Acquired: 8/21/2017 14:01:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 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	.06821	.08961	1.1949	.11068	.22910	3.7339	10.099	.33115
Stddev	.00036	.00057	.0064	.00024	.00142	.0187	.043	.00070
%RSD	.52359	.63625	.53225	.21823	.61996	.50004	.42523	.21193

#1	.06780	.08899	1.1880	.11041	.22829	3.7494	10.135	.33123
#2	.06841	.08973	1.1963	.11075	.22827	3.7393	10.109	.33042
#3	.06842	.09011	1.2004	.11088	.23074	3.7132	10.051	.33182

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.2394	3.0729	.47451	.47888	.98533	.83751	1.7552	.51385
Stddev	.0076	.0091	.00039	.00227	.00304	.00366	.0049	.00157
%RSD	.61300	.29726	.08188	.47420	.30865	.43729	.27700	.30648

#1	1.2307	3.0832	.47440	.47630	.98875	.84114	1.7570	.51469
#2	1.2436	3.0696	.47420	.47975	.98435	.83758	1.7589	.51483
#3	1.2440	3.0658	.47495	.48058	.98291	.83381	1.7497	.51203

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.27467	.10171	.34610	.06209	1.0898	1.2210	.36929	.40347
Stddev	.00135	.00007	.00277	.00061	.0089	.0019	.00216	.00079
%RSD	.49272	.06739	.80030	.98417	.81298	.15968	.58468	.19579

#1	.27314	.10174	.34880	.06252	1.0937	1.2214	.36706	.40311
#2	.27519	.10163	.34624	.06237	1.0961	1.2189	.36946	.40437
#3	.27569	.10175	.34326	.06139	1.0797	1.2228	.37137	.40291

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.2511	.03782	.38286	.09640	.68465	18.725	137.60	
Stddev	.0040	.00039	.00087	.00037	.00428	.092	1.14	
%RSD	.32178	1.0393	.22719	.37982	.62498	.49241	.83008	

#1	1.2469	.03756	.38258	.09600	.68944	18.799	138.03	
#2	1.2514	.03764	.38216	.09648	.68328	18.755	136.31	
#3	1.2550	.03828	.38383	.09672	.68122	18.622	138.47	

Sample Name: S2 Acquired: 8/21/2017 14:01:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	921.97	1640.7	35433.	7859.5	2625.9
Stddev	4.74	2.2	89.	13.6	5.3
%RSD	.51403	.13513	.25110	.17306	.20227
#1	916.72	1639.9	35372.	7857.3	2631.9
#2	923.28	1643.3	35392.	7847.2	2621.7
#3	925.92	1639.1	35535.	7874.1	2624.1

Sample Name: S3 Acquired: 8/21/2017 14:05:08 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S03 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	.13902	.17730	2.4182	.22106	.46459	7.7544	20.640	.66567
Stddev	.00036	.00127	.0199	.00038	.00191	.0932	.252	.00909
%RSD	.25698	.71441	.82174	.16969	.41213	1.2019	1.2210	1.3648

#1	.13868	.17606	2.3962	.22106	.46238	7.6991	20.495	.66180
#2	.13939	.17726	2.4235	.22144	.46576	7.7021	20.495	.65917
#3	.13899	.17859	2.4348	.22069	.46562	7.8620	20.931	.67606

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5145	6.3390	.93052	.96954	2.0083	1.6892	3.5497	1.0618
Stddev	.0232	.0860	.00179	.00715	.0213	.0186	.0454	.0124
%RSD	.92081	1.3563	.19273	.73741	1.0618	1.0980	1.2804	1.1651

#1	2.4910	6.2807	.92847	.96178	1.9946	1.6762	3.5153	1.0529
#2	2.5154	6.2986	.93131	.97096	1.9975	1.6809	3.5327	1.0565
#3	2.5372	6.4378	.93180	.97587	2.0329	1.7104	3.6013	1.0759

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.55059	.20761	.71164	.12519	2.2691	2.5067	.91530	.80600
Stddev	.00458	.00045	.00886	.00122	.0173	.0256	.00637	.00935
%RSD	.83202	.21618	1.2444	.97738	.76058	1.0205	.69541	1.1605

#1	.54537	.20808	.70492	.12474	2.2743	2.4929	.90820	.80203
#2	.55246	.20758	.70831	.12426	2.2831	2.4910	.91722	.79929
#3	.55395	.20718	.72167	.12658	2.2498	2.5362	.92049	.81669

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.4677	.07996	.74866	.19579	1.3868	45.571	314.92	
Stddev	.0131	.00036	.01088	.00153	.0152	.545	5.15	
%RSD	.53122	.44730	1.4528	.77922	1.0939	1.1951	1.6359	

#1	2.4527	.07971	.74565	.19405	1.3752	45.305	312.65	
#2	2.4735	.07980	.73960	.19643	1.3813	45.211	311.30	
#3	2.4769	.08037	.76072	.19690	1.4039	46.198	320.82	

Sample Name: S3 Acquired: 8/21/2017 14:05:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	867.97	1560.1	33844.	7541.8	2404.0
Stddev	7.42	4.8	61.	87.9	14.0
%RSD	.85515	.30578	.17920	1.1657	.58165
#1	861.67	1564.5	33818.	7577.9	2420.2
#2	866.08	1555.0	33801.	7606.0	2395.6
#3	876.15	1560.8	33913.	7441.6	2396.3

Sample Name: S4 Acquired: 8/21/2017 14:09:09 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S04 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	.27598	.33195	4.6737	.43178	.92140	15.023	38.474	1.2484
Stddev	.00101	.00116	.0052	.00181	.00257	.178	.677	.0160
%RSD	.36535	.34974	.11059	.41833	.27849	1.1862	1.7609	1.2830

#1	.27650	.33319	4.6719	.43309	.92324	15.134	39.025	1.2619
#2	.27662	.33178	4.6698	.43254	.92249	15.117	38.679	1.2527
#3	.27481	.33089	4.6796	.42972	.91847	14.817	37.718	1.2307

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.8688	11.963	1.7462	1.8900	3.8429	3.1028	6.5361	2.0113
Stddev	.0144	.121	.0091	.0045	.0495	.0360	.0707	.0244
%RSD	.29673	1.0087	.51828	.23699	1.2872	1.1593	1.0817	1.2137

#1	4.8606	12.043	1.7427	1.8852	3.8709	3.1231	6.5870	2.0264
#2	4.8603	12.022	1.7395	1.8907	3.8719	3.1241	6.5659	2.0244
#3	4.8855	11.824	1.7565	1.8941	3.7858	3.0613	6.4554	1.9831

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0642	.41701	1.3627	.23370	4.4972	4.8242	1.9893	1.4815
Stddev	.0011	.00150	.0183	.00230	.0480	.0644	.0051	.0193
%RSD	.10747	.35909	1.3461	.98491	1.0680	1.3350	.25585	1.3062

#1	1.0632	.41691	1.3742	.23474	4.4422	4.8576	1.9940	1.4977
#2	1.0638	.41557	1.3723	.23531	4.5311	4.8650	1.9900	1.4868
#3	1.0654	.41856	1.3416	.23107	4.5182	4.7499	1.9839	1.4601

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.6947	.16443	1.3877	.38228	2.5886	94.667	589.79	
Stddev	.0085	.00085	.0149	.00061	.0281	2.086	9.39	
%RSD	.18184	.51415	1.0722	.15968	1.0863	2.2032	1.5916	

#1	4.7038	.16529	1.3997	.38194	2.6078	96.138	596.23	
#2	4.6932	.16360	1.3925	.38191	2.6017	95.582	594.12	
#3	4.6869	.16441	1.3711	.38298	2.5563	92.280	579.02	

Sample Name: S4 Acquired: 8/21/2017 14:09:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	832.19	1492.4	33083.	7698.7	2214.7
Stddev	6.00	5.8	103.	95.4	3.6
%RSD	.72090	.39173	.31156	1.2391	.16391
#1	839.02	1487.2	33141.	7625.2	2210.7
#2	827.78	1491.3	33143.	7664.3	2215.6
#3	829.77	1498.7	32964.	7806.5	2217.7

Sample Name: S5 Acquired: 8/21/2017 14:13:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 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	.56468	.62068	9.0039	.86089	1.8904	30.144	74.805	2.4637
Stddev	.00434	.00220	.0144	.00457	.0092	.223	.476	.0088
%RSD	.76812	.35438	.15980	.53041	.48728	.73909	.63677	.35535

#1	.56060	.61841	8.9935	.85661	1.8810	29.975	74.291	2.4618
#2	.56419	.62082	8.9979	.86034	1.8908	30.060	74.890	2.4561
#3	.56924	.62280	9.0203	.86570	1.8994	30.396	75.232	2.4733

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.2944	23.168	3.2315	3.6497	7.6271	5.8889	12.444	3.8989
Stddev	.0104	.170	.0125	.0033	.0755	.0386	.091	.0249
%RSD	.11191	.73397	.38660	.09032	.99022	.65630	.73181	.63790

#1	9.2835	23.036	3.2195	3.6477	7.5686	5.8568	12.377	3.8809
#2	9.2955	23.107	3.2306	3.6480	7.6004	5.8783	12.408	3.8887
#3	9.3042	23.360	3.2445	3.6535	7.7124	5.9318	12.548	3.9273

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0256	.86797	2.6904	.44795	9.1779	9.5762	3.9669	2.7719
Stddev	.0056	.00102	.0213	.00221	.0180	.1015	.0140	.0122
%RSD	.27603	.11734	.79240	.49345	.19627	1.0596	.35278	.44140

#1	2.0213	.86680	2.6717	.44633	9.1936	9.4983	3.9566	2.7677
#2	2.0237	.86859	2.6860	.44707	9.1818	9.5392	3.9614	2.7623
#3	2.0320	.86853	2.7136	.45047	9.1582	9.6909	3.9829	2.7856

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	9.0816	.33512	2.6764	.73611	4.9704	192.86	^ *****	
Stddev	.0369	.00144	.0132	.00202	.0374	.79	-----	
%RSD	.40638	.43077	.49362	.27380	.75187	.40973	-----	

#1	9.0439	.33383	2.6688	.73448	4.9416	193.68	^ -----	
#2	9.0832	.33485	2.6687	.73549	4.9570	192.10	^ -----	
#3	9.1177	.33668	2.6916	.73836	5.0127	192.79	^ -----	

Sample Name: S5 Acquired: 8/21/2017 14:13:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	756.66	1359.3	31572.	7487.7	1976.3
Stddev	3.75	5.1	43.	23.5	4.7
%RSD	.49582	.37728	.13698	.31325	.23619
#1	754.32	1364.2	31591.	7490.5	1978.9
#2	754.66	1359.8	31522.	7509.6	1979.1
#3	760.98	1354.0	31602.	7462.9	1970.9

Sample Name: S6 Acquired: 8/21/2017 14:17:35 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	81.879	39.682	16.325	6.4754	7.6666
Stddev	.619	.251	.071	.0343	.0229
%RSD	.75551	.63197	.43673	.53051	.29833

#1	81.246	39.433	16.256	6.4454	7.6504
#2	81.910	39.678	16.322	6.4681	7.6567
#3	82.482	39.935	16.398	6.5129	7.6928

Int. Std.	Y_3710
Units	Cts/S
Avg	6990.7
Stddev	13.4
%RSD	.19167

#1	7000.7
#2	6995.9
#3	6975.5

Sample Name: ICV Acquired: 8/21/2017 14:21:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9584600	1.043840	1.002674	.9780012	.9460998	2.292968
Stddev	.0050096	.008996	.007975	.0063333	.0040587	.013367
%RSD	.5226750	.8618069	.7953940	.6475772	.4289888	.5829375

#1	.9590989	1.033779	.995373	.9710159	.9438511	2.289813
#2	.9631196	1.051109	1.011185	.9833687	.9507850	2.281461
#3	.9531616	1.046632	1.001465	.9796189	.9436632	2.307629

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5182725	.5009434	.4852148	10.22510	.4882360	.4873866
Stddev	.0026919	.0031106	.0063227	.01819	.0079259	.0047257
%RSD	.5193898	.6209541	1.303064	.1779016	1.623382	.9696063

#1	.5174040	.5000954	.4791206	10.23942	.4920174	.4826790
#2	.5161221	.4983446	.4917435	10.20463	.4791275	.4921302
#3	.5212914	.5043900	.4847803	10.23125	.4935630	.4873507

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5148133	5.478401	.4992806	5.930515	.5029376	.4631645
Stddev	.0024669	.021678	.0011515	.004536	.0042953	.0070133
%RSD	.4791813	.3957017	.2306270	.0764791	.8540442	1.514214

#1	.5160413	5.454031	.4989953	5.928002	.4986234	.4669807
#2	.5119734	5.485634	.4982986	5.927791	.5072138	.4550706
#3	.5164251	5.495538	.5005479	5.935750	.5029757	.4674421

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.741323	.5139048	.9374355	9.833945	F -.005531	F 1.978590
Stddev	.098513	.0036996	.0090713	.090087	.000073	.009780
%RSD	1.011295	.7198990	.9676750	.9160799	1.313609	.4943143

#1	9.760302	.5173478	.9370839	9.767760	-.005593	1.979914
#2	9.634700	.5099932	.9285450	9.797536	-.005451	1.968215
#3	9.828966	.5143733	.9466775	9.936538	-.005550	1.987641

Sample Name: ICV Acquired: 8/21/2017 14:21:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.781349	-.018347	1.803211	F 1.609474	1.775309	.0010518
Stddev	.011008	.003203	.007143	.015356	.004364	.0000156
%RSD	.6179347	17.45845	.3961154	.9540888	.2458437	1.480456

#1	1.773337	-.020127	1.807171	1.593682	1.770622	.0010446
#2	1.793900	-.014649	1.794966	1.624353	1.776047	.0010697
#3	1.776809	-.020264	1.807497	1.610386	1.779257	.0010412

Elem	Sr4077
Units	ppm
Avg	.0016843
Stddev	.0000099
%RSD	.5896254

#1	.0016751
#2	.0016830
#3	.0016948

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	986.6542	1762.683	38031.65	8134.042	3028.595
Stddev	14.8532	9.681	534.40	12.495	19.637
%RSD	1.505408	.5492267	1.405137	.1536168	.6483987

#1	974.9859	1759.585	37635.92	8140.579	3036.651
#2	1003.374	1754.929	38639.55	8141.914	3006.211
#3	981.603	1773.534	37819.49	8119.635	3042.923

Sample Name: ICB Acquired: 8/21/2017 14:25:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003537	.0010551	-.000492	-.002583	.0003333	.0003663	.0001788
Stddev	.0024932	.0007062	.000759	.002817	.0011735	.0011691	.0001863
%RSD	704.8303	66.93564	154.2932	109.0475	352.1147	319.1494	104.2073

#1	-.002484	.0005687	-.000930	-.000847	.0016217	.0007508	.0003797
#2	.002191	.0007314	.000385	-.005834	.0000526	-.000947	.0001449
#3	.001355	.0018652	-.000930	-.001069	-.000674	.001295	.0000118

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000225	-.000002	-.001746	.0001911	-.000155	.0014601	.0063763
Stddev	.0000419	.000090	.009180	.0002366	.000194	.0004860	.0077211
%RSD	186.6312	4672.336	525.8478	123.8177	125.1897	33.28658	121.0899

#1	-.000025	-.000100	-.000573	.0001926	.000065	.0013328	.0152681
#2	.000039	.000076	-.011456	.0004269	-.000231	.0010504	.0013666
#3	.000054	.000018	.006792	-.000046	-.000300	.0019971	.0024944

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001777	-.007610	.0003608	-.000196	-.019976	-.001804	.0016208
Stddev	.0001928	.012624	.0001790	.000104	.039862	.001152	.0009795
%RSD	108.5470	165.8974	49.61120	53.23330	199.5441	63.85396	60.43597

#1	.0001571	.000002	.0005604	-.000076	-.062541	-.002645	.0007653
#2	-.000004	-.022182	.0003075	-.000265	-.013863	-.002276	.0026893
#3	.000380	-.000649	.0002145	-.000247	.016476	-.000491	.0014077

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151858	-.000183	.0059344	.0004103	-.024348	.0000032	.0003469
Stddev	.0276585	.000102	.0009354	.0002033	.002187	.0012855	.0004077
%RSD	182.1335	55.89384	15.76209	49.54454	8.981008	39826.58	117.5181

#1	.0009529	-.000193	.0070141	.0006375	-.022217	.0012629	.0005389
#2	.0470623	-.000076	.0053692	.0003481	-.024240	-.001307	-.000121
#3	-.002458	-.000280	.0054199	.0002454	-.026587	.000053	.000623

Sample Name: ICB Acquired: 8/21/2017 14:25:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002177	.0002713	.0000916
Stddev	.0004951	.0000312	.0000022
%RSD	227.4185	11.49626	2.382104

#1	.0007684	.0002403	.0000893
#2	.0000755	.0003027	.0000937
#3	-.000191	.0002708	.0000918

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1032.892	1833.537	39601.15	8448.216	3275.238
Stddev	.927	10.015	112.59	34.689	4.859
%RSD	.0897953	.5462301	.2843020	.4106114	.1483504

#1	1033.706	1826.187	39669.92	8410.666	3275.899
#2	1031.882	1844.944	39471.22	8479.067	3279.733
#3	1033.087	1829.479	39662.31	8454.917	3270.083

Sample Name: ICSA Acquired: 8/21/2017 14:35:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002320	-.011814	-.002428	-.004890	.0051709	240.1426
Stddev	.004937	.002939	.001037	.005507	.0045263	.2420
%RSD	212.8174	24.87810	42.69491	112.6203	87.53336	.1007923

#1	-.008012	-.010444	-.002277	-.010012	.0028561	240.3221
#2	.000258	-.015187	-.003532	-.005593	.0103864	240.2384
#3	.000794	-.009809	-.001475	.000935	.0022702	239.8673

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045508	.0020944	.0024975	253.1773	.0445035	.0030337
Stddev	.0003866	.0000836	.0001354	.4221	.0008712	.0004089
%RSD	8.495416	3.991625	5.420361	.1667222	1.957656	13.47792

#1	.0042428	.0021306	.0023460	252.8150	.0440152	.0033296
#2	.0044249	.0019988	.0026065	253.0760	.0439860	.0025671
#3	.0049846	.0021538	.0025401	253.6408	.0455094	.0032043

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0259174	103.8827	.0156715	262.9409	.0035945	.0020343
Stddev	.0008419	.0878	.0002867	.2363	.0005815	.0001313
%RSD	3.248200	.0845137	1.829629	.0898512	16.17675	6.452802

#1	.0268804	103.8794	.0158127	263.2082	.0039779	.0019944
#2	.0255510	103.7965	.0153416	262.7603	.0029254	.0019277
#3	.0253209	103.9720	.0158602	262.8541	.0038801	.0021810

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3653584	.0015931	.0079039	.0011914	-.016121	F -.290513
Stddev	.1211311	.0021779	.0034652	.0211875	.000321	.002859
%RSD	33.15404	136.7100	43.84185	1778.438	1.989423	.9839802

#1	.3118314	.0040672	.0070245	.0254886	-.015761	-.289345
#2	.5040321	.0007459	.0049632	-.008479	-.016227	-.288423
#3	.2802118	-.000034	.0117242	-.013436	-.016376	-.293770

Sample Name: ICSA Acquired: 8/21/2017 14:35:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000389	.0021862	-.002885	-.001369	-.000250	.0010391
Stddev	.000341	.0061276	.001157	.002697	.000761	.0000290
%RSD	87.68183	280.2817	40.11387	196.9109	304.4954	2.791957

#1	-.000251	-.003108	-.001689	-.004474	-.000127	.0010137
#2	-.000139	.000769	-.002965	-.000026	-.001064	.0010328
#3	-.000778	.008898	-.003999	.000392	.000442	.0010707

Elem	Sr4077
Units	ppm
Avg	.0132465
Stddev	.0000313
%RSD	.2365505

#1	.0132815
#2	.0132369
#3	.0132210

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	877.0020	1557.536	33394.94	7593.091	2375.737
Stddev	8.4001	4.718	80.59	15.440	8.278
%RSD	.9578166	.3029188	.2413111	.2033412	.3484463

#1	872.7459	1552.546	33333.95	7587.017	2371.381
#2	871.5819	1558.136	33364.58	7610.645	2370.547
#3	886.6783	1561.925	33486.30	7581.612	2385.284

Sample Name: ICSAB Acquired: 8/21/2017 14:39:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0950704	.1015403	.0473442	.0458621	.5941933	239.0811
Stddev	.0064413	.0010964	.0025009	.0033434	.0036641	.3699
%RSD	6.775245	1.079764	5.282324	7.290185	.6166493	.1547156

#1	.0892440	.1010500	.0463344	.0439860	.5917867	238.6580
#2	.1019873	.1027963	.0455060	.0438780	.5984102	239.3431
#3	.0939800	.1007746	.0501921	.0497222	.5923831	239.2422

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5252953	.5151467	1.013481	251.5556	.5192883	.5088689
Stddev	.0001616	.0031766	.002687	2.2325	.0038944	.0015095
%RSD	.0307718	.6166370	.2650806	.8874748	.7499552	.2966295

#1	.5254764	.5114799	1.013552	248.9878	.5179186	.5087625
#2	.5252441	.5169005	1.016132	253.0372	.5162638	.5104287
#3	.5251655	.5170598	1.010760	252.6416	.5236826	.5074154

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5382118	103.4563	.5036296	261.5484	1.019039	.2001512
Stddev	.0016364	.8073	.0038192	1.6849	.002717	.0007534
%RSD	.3040375	.7803310	.7583360	.6442142	.2666415	.3763995

#1	.5378926	102.5996	.4995088	259.6517	1.015969	.1998383
#2	.5399842	104.2029	.5070504	262.8721	1.021137	.1996046
#3	.5367585	103.5665	.5043296	262.1214	1.020009	.2010106

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3267599	.5339992	.9641513	-.025930	-.020931	F -.275122
Stddev	.1255883	.0035520	.0138577	.021665	.000212	.000711
%RSD	38.43442	.6651677	1.437293	83.55409	1.013939	.2583609

#1	.4630502	.5323533	.9795691	-.034524	-.020836	-.275697
#2	.3015231	.5380756	.9601510	-.041979	-.021174	-.275341
#3	.2157064	.5315687	.9527338	-.001286	-.020782	-.274327

Sample Name: ICSAB Acquired: 8/21/2017 14:39:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0127382	.0148795	.0161848	F .0109763	.0146934	.0009125
Stddev	.0001835	.0065172	.0010566	.0005218	.0007947	.0000344
%RSD	1.440206	43.79999	6.528253	4.753705	5.408561	3.775594

#1	.0129489	.0216427	.0149778	.0104190	.0155278	.0009481
#2	.0126140	.0143558	.0166339	.0114533	.0146070	.0009100
#3	.0126517	.0086399	.0169426	.0110567	.0139455	.0008793

Elem	Sr4077
Units	ppm
Avg	.0147445
Stddev	.0000224
%RSD	.1521144

#1	.0147194
#2	.0147624
#3	.0147517

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	887.9598	1563.183	33924.47	7708.542	2396.873
Stddev	8.3920	3.434	84.44	19.472	3.480
%RSD	.9450910	.2196634	.2488980	.2525991	.1451705

#1	881.7803	1560.306	33925.75	7724.682	2393.852
#2	884.5853	1562.259	33839.40	7686.916	2396.089
#3	897.5138	1566.984	34008.26	7714.030	2400.677

Sample Name: CCV036 Acquired: 8/21/2017 14:51:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.989880	4.664637	24.52640	4.907542	4.993169	394.9860
Stddev	.019294	.027556	.07167	.018157	.025781	4.7313
%RSD	.3866700	.5907411	.2922267	.3699801	.5163231	1.197832

#1	4.971602	4.688152	24.60753	4.887025	4.966626	389.5409
#2	4.987986	4.671443	24.47167	4.914061	4.994767	398.0934
#3	5.010051	4.634316	24.50000	4.921539	5.018114	397.3237

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.10269	.5049396	2.512520	402.1453	14.68317	2.515969
Stddev	.15946	.0039902	.009353	3.3504	.20125	.007127
%RSD	1.578397	.7902420	.3722387	.8331393	1.370618	.2832580

#1	9.95056	.5008440	2.522515	398.2797	14.80740	2.523503
#2	10.26859	.5051594	2.503981	403.9441	14.79113	2.509335
#3	10.08892	.5088154	2.511064	404.2122	14.45098	2.515070

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.46104	405.4709	14.38010	403.9054	2.494355	1.283952
Stddev	.02909	3.0401	.12237	2.7873	.009725	.021097
%RSD	.1881394	.7497610	.8509800	.6900819	.3898722	1.643141

#1	15.43558	401.9616	14.23904	400.6873	2.505395	1.294865
#2	15.49274	407.3015	14.44336	405.5546	2.487056	1.297357
#3	15.45481	407.1495	14.45789	405.4745	2.490615	1.259634

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	400.3410	2.483521	15.25945	155.0316	F 5.554808	F 4.113028
Stddev	1.7686	.019354	.49161	.1516	.014657	.027162
%RSD	.4417748	.7792775	3.221662	.0977551	.2638609	.6603966

#1	398.4897	2.461191	15.48741	154.8664	5.565484	4.081876
#2	402.0133	2.493921	15.59569	155.0643	5.560844	4.125452
#3	400.5200	2.495452	14.69524	155.1642	5.538097	4.131757

Sample Name: CCV036 Acquired: 8/21/2017 14:51:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV036 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.906828	5.117858	4.959417	4.984557	5.012428	5.392210
Stddev	.014213	.002957	.031192	.022651	.022038	.092377
%RSD	.2896530	.0577701	.6289402	.4544236	.4396618	1.713158

#1	4.893605	5.114857	4.923539	5.004105	4.986988	5.295629
#2	4.905022	5.120768	4.980098	4.959734	5.025641	5.479712
#3	4.921858	5.117950	4.974614	4.989831	5.024656	5.401290

Elem	Sr4077
Units	ppm
Avg	5.258060
Stddev	.014824
%RSD	.2819292

#1	5.252929
#2	5.246484
#3	5.274768

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	786.2588	1411.713	31673.70	7440.056	2020.407
Stddev	25.5445	4.049	609.13	40.997	2.137
%RSD	3.248871	.2868382	1.923128	.5510278	.1057495

#1	775.0731	1416.377	31317.31	7484.831	2017.950
#2	768.2152	1409.663	31326.76	7404.359	2021.823
#3	815.4882	1409.098	32377.04	7430.978	2021.449

Sample Name: CCB036 Acquired: 8/21/2017 14:56:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002746	.0004781	-.000188	-.000716	.0014187	-.003808	-.000576
Stddev	.001280	.0006296	.000323	.000589	.0019349	.002393	.000060
%RSD	46.59585	131.6847	171.7407	82.21711	136.3842	62.83313	10.43206

#1	-.002463	.0004318	-.000168	-.000152	-.000170	-.006571	-.000522
#2	-.004144	-.000127	.000124	-.000669	.003573	-.002420	-.000566
#3	-.001632	.001130	-.000521	-.001328	.000852	-.002433	-.000641

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000074	-.000020	-.002972	-.000131	.0001611	.0006967	.0074032
Stddev	.000060	.000041	.009252	.000421	.0001673	.0004768	.0079648
%RSD	80.94682	198.9328	311.3629	321.9170	103.7910	68.43100	107.5858

#1	-.000029	-.000044	-.012298	-.000512	.0000556	.0001469	-.000460
#2	-.000051	.000026	-.002821	-.000202	.0003540	.0009481	.015466
#3	-.000142	-.000044	.006204	.000321	.0000738	.0009951	.007204

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002487	.0012464	.0001155	-.000071	-.045319	-.000832	.0027063
Stddev	.0002852	.0125765	.0001679	.000163	.064959	.001464	.0024105
%RSD	114.6886	1008.995	145.3808	231.8195	143.3376	176.0505	89.07157

#1	.0003588	.0087177	-.000074	-.000255	-.099826	.000206	.0010727
#2	.0004624	-.013274	.000173	-.000012	.026559	-.000195	.0054748
#3	-.000075	.008295	.000247	.000055	-.062690	-.002506	.0015714

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0556263	-.000013	.0078313	.0005783	-.020943	-.000095	.0009195
Stddev	.0063751	.000194	.0005389	.0000176	.002537	.000611	.0007106
%RSD	11.46052	1462.228	6.881580	3.041998	12.11483	644.8312	77.28313

#1	.0609280	.000210	.0078282	.0005611	-.019733	-.000591	.0003053
#2	.0573984	-.000146	.0083718	.0005774	-.019237	-.000282	.0007553
#3	.0485527	-.000103	.0072940	.0005963	-.023859	.000588	.0016977

Sample Name: CCB036 Acquired: 8/21/2017 14:56:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB036 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004858	.0008176	.0001302
Stddev	.0000928	.0000402	.0000064
%RSD	19.10355	4.920753	4.879882

#1	.0004785	.0008638	.0001326
#2	.0005820	.0007991	.0001350
#3	.0003968	.0007900	.0001230

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	991.6710	1765.569	38216.19	8100.914	3163.412
Stddev	3.8228	12.116	62.33	9.894	28.780
%RSD	.3854884	.6862257	.1631034	.1221388	.9097692

#1	990.0389	1767.354	38149.03	8112.242	3168.925
#2	996.0390	1752.660	38272.18	8096.530	3132.275
#3	988.9352	1776.693	38227.35	8093.968	3189.037

Sample Name: PB101666BL Acquired: 8/21/2017 15:00:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015811	.0010172	-.000903	-.000620	.0006869	-.000739	-.001196
Stddev	.0027911	.0022716	.001466	.001365	.0002784	.004511	.000130
%RSD	176.5365	223.3088	162.4419	220.0625	40.52474	609.9717	10.89239

#1	.0045439	.0012277	.000749	.000955	.0007900	.003751	-.001271
#2	.0011980	.0031762	-.002052	-.001378	.0003717	-.005270	-.001272
#3	-.000999	-.001352	-.001405	-.001438	.0008990	-.000699	-.001046

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000472	.0000054	-.000283	.0000704	.0000069	.0014642	.0058320
Stddev	.0001053	.0000296	.004517	.0002940	.0001179	.0008504	.0081551
%RSD	223.0193	549.7546	1597.542	417.7794	1705.431	58.07601	139.8330

#1	-.000074	.0000334	.004849	.0004013	.0000101	.0009174	.0152466
#2	.000106	.0000083	-.002042	-.000030	-.000113	.0010314	.0012966
#3	.000110	-.000026	-.003656	-.000160	.000123	.0024439	.0009528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000311	-.002893	-.000028	-.000070	-.030603	-.001164	-.000218
Stddev	.0003103	.015801	.000268	.000109	.084383	.002268	.002679
%RSD	997.6380	546.2759	967.3894	155.9475	275.7362	194.8027	1231.361

#1	.0003704	.011613	-.000256	.000053	-.035341	-.001617	-.002969
#2	-.000238	-.019730	-.000094	-.000154	-.112516	.001296	.002383
#3	-.000039	-.000561	.000267	-.000108	.056049	-.003172	-.000066

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0358674	-.000200	.0050186	.0003166	-.021274	-.000407	.0004097
Stddev	.0223034	.000083	.0012745	.0001206	.004246	.000728	.0008700
%RSD	62.18290	41.45973	25.39560	38.06994	19.95710	178.8398	212.3436

#1	.0262931	-.000171	.0048356	.0003828	-.020267	.000206	.0009341
#2	.0199497	-.000294	.0063747	.0003896	-.017622	-.001212	.0008895
#3	.0613594	-.000136	.0038455	.0001775	-.025932	-.000215	-.000595

Sample Name: PB101666BL Acquired: 8/21/2017 15:00:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000190	.0001581	.0001129
Stddev	.0005485	.0000164	.0000053
%RSD	2890.210	10.37342	4.679349

#1	.0006522	.0001768	.0001172
#2	-.000309	.0001463	.0001144
#3	-.000287	.0001511	.0001070

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1009.668	1798.113	38840.59	8204.203	3233.996
Stddev	7.966	7.454	193.68	41.621	14.297
%RSD	.7889629	.4145585	.4986531	.5073130	.4420772

#1	1002.051	1789.535	38760.50	8163.516	3220.436
#2	1017.942	1803.020	39061.47	8202.396	3232.622
#3	1009.011	1801.783	38699.81	8246.699	3248.931

Sample Name: PB101666BS Acquired: 8/21/2017 15:04:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166350	.0471613	.0192787	.0669688	.1105963	.3670190
Stddev	.0022641	.0006842	.0008995	.0023368	.0014390	.0091886
%RSD	13.61026	1.450777	4.665907	3.489408	1.301151	2.503583

#1	.0163858	.0475894	.0185455	.0696183	.1097076	.3776281
#2	.0190134	.0475222	.0202824	.0652015	.1098248	.3615881
#3	.0145059	.0463722	.0190082	.0660866	.1122566	.3618408

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3523105	.0103346	.0097477	9.473729	.0256398	.0897379
Stddev	.0052955	.0001932	.0000679	.106924	.0004636	.0003635
%RSD	1.503070	1.868953	.6969694	1.128634	1.808182	.4051182

#1	.3576969	.0105511	.0098010	9.597147	.0253980	.0894216
#2	.3471109	.0101801	.0096712	9.409066	.0261743	.0901351
#3	.3521238	.0102724	.0097707	9.414975	.0253470	.0896571

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0517192	.2492658	.0302958	9.267561	.0754812	.0182819
Stddev	.0009414	.0033640	.0006843	.139914	.0002361	.0002091
%RSD	1.820287	1.349543	2.258849	1.509717	.3128042	1.143604

#1	.0520012	.2463074	.0309781	9.418668	.0754001	.0181090
#2	.0506690	.2529249	.0302997	9.142501	.0752963	.0185143
#3	.0524875	.2485650	.0296095	9.241514	.0757471	.0182224

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.014990	.1032407	.1173967	9.008234	F .0028642	F .0256333
Stddev	.208498	.0012950	.0028797	.129259	.0002014	.0010791
%RSD	2.312788	1.254323	2.452982	1.434896	7.031519	4.209757

#1	9.253549	.1042991	.1175878	9.132238	.0026498	.0265594
#2	8.867630	.1036262	.1144263	8.874294	.0030493	.0258922
#3	8.923792	.1017967	.1201762	9.018169	.0028934	.0244483

Sample Name: PB101666BS Acquired: 8/21/2017 15:04:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231581	.1456191	.1961506	F .0172365	.1986706	.0102732
Stddev	.0001696	.0027701	.0016048	.0023037	.0027850	.0001539
%RSD	.7322786	1.902281	.8181496	13.36495	1.401818	1.497623

#1	.0231721	.1479536	.1979889	.0183987	.2018847	.0104437
#2	.0233203	.1463455	.1954340	.0187275	.1969729	.0101448
#3	.0229820	.1425582	.1950290	.0145832	.1971541	.0102311

Elem	Sr4077
Units	ppm
Avg	.0269384
Stddev	.0003915
%RSD	1.453324

#1	.0273602
#2	.0265867
#3	.0268682

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	956.6514	1712.110	37417.48	8079.992	3010.423
Stddev	1.0692	4.453	75.14	91.937	1.441
%RSD	.1117644	.2601009	.2008175	1.137833	.0478683

#1	955.4469	1711.462	37360.85	7977.688	3011.132
#2	957.4884	1716.851	37502.72	8155.694	3011.372
#3	957.0189	1708.016	37388.86	8106.595	3008.765

Sample Name: I4868-01 Acquired: 8/21/2017 15:08:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGH2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4883026	-.014848	4.653557	.0100470	.0693618	1.657627
Stddev	.0039248	.005880	.006976	.0038405	.0031013	.020918
%RSD	.8037737	39.60171	.1499142	38.22580	4.471128	1.261922

#1	.4838004	-.011294	4.653200	.0137657	.0672388	1.679963
#2	.4901036	-.011614	4.660705	.0060952	.0729208	1.654420
#3	.4910036	-.021635	4.646766	.0102801	.0679259	1.638497

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0313937	.0025360	.0349329	F 1786.696	.0394270	.1195736
Stddev	.0000087	.0000183	.0001318	7.751	.0002645	.0007464
%RSD	.0276656	.7224281	.3771606	.4338094	.6709713	.6242383

#1	.0314023	.0025407	.0348131	1782.427	.0394302	.1199467
#2	.0313938	.0025514	.0350740	1795.643	.0391608	.1200599
#3	.0313850	.0025158	.0349117	1782.018	.0396899	.1187142

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.167356	166.1650	3.734566	F 1065.502	.1182959	.0024228
Stddev	.010435	.4088	.004777	3.942	.0010334	.0003631
%RSD	.8938627	.2460323	.1279261	.3699613	.8735737	14.98840

#1	1.172412	166.3696	3.739458	1066.757	.1182544	.0023654
#2	1.174299	166.4310	3.734330	1068.664	.1193494	.0020917
#3	1.155356	165.6942	3.729912	1061.085	.1172838	.0028112

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.213830	.3065437	3.155620	.0188376	.1652275	-.489843
Stddev	.038199	.0067383	.016328	.0207094	.0012087	.001935
%RSD	3.146978	2.198140	.5174243	109.9365	.7315114	.3949357

#1	1.199684	.3136281	3.173041	.0085037	.1649896	-.488633
#2	1.257084	.3057875	3.140667	.0053286	.1665374	-.492074
#3	1.184722	.3002154	3.153151	.0426803	.1641555	-.488822

Sample Name: I4868-01 Acquired: 8/21/2017 15:08:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGH2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0331253	.6892273	1.963804	-.001068	.0212075	.0056292
Stddev	.0005201	.0044597	.006147	.001259	.0013944	.0000414
%RSD	1.570154	.6470593	.3130355	117.8591	6.575053	.7356183

#1	.0325265	.6841279	1.970559	.000320	.0218722	.0056759
#2	.0333840	.6923986	1.962314	-.001390	.0221452	.0056146
#3	.0334653	.6911553	1.958538	-.002136	.0196051	.0055970

Elem	Sr4077
Units	ppm
Avg	.0306233
Stddev	.0002084
%RSD	.6804015

#1	.0306734
#2	.0308021
#3	.0303945

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	824.0457	1457.878	32298.76	7949.924	1904.851
Stddev	4.3958	1.682	51.81	23.853	2.360
%RSD	.5334420	.1153970	.1604154	.3000401	.1238848

#1	819.6102	1458.805	32239.14	7940.976	1906.741
#2	824.1261	1458.892	32324.26	7931.838	1902.206
#3	828.4007	1455.936	32332.89	7976.957	1905.607

Sample Name: I4868-02 Acquired: 8/21/2017 15:13:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGH1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5697067	-.011172	.5249759	.0133846	.1464740	15.78468
Stddev	.0081685	.000396	.0027968	.0017000	.0015232	.02031
%RSD	1.433804	3.547046	.5327426	12.70128	1.039916	.1286873

#1	.5719631	-.010972	.5266180	.0147519	.1479549	15.79227
#2	.5606472	-.010915	.5265631	.0139208	.1465554	15.80010
#3	.5765098	-.011628	.5217466	.0114811	.1449118	15.76166

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.303001	.0024347	.4905666	710.8530	6.620674	.6090381
Stddev	.001602	.0001335	.0006812	3.3511	.017797	.0011994
%RSD	.1229790	5.483198	.1388510	.4714222	.2688142	.1969422

#1	1.302709	.0025719	.4911271	712.6146	6.600730	.6089331
#2	1.304729	.0023053	.4907642	712.9559	6.626355	.6102865
#3	1.301564	.0024268	.4898085	706.9885	6.634938	.6078945

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 35.43302	125.1988	1.826438	329.9486	F 7.313321	.0168636
Stddev	.07560	.3479	.010673	1.0675	.018199	.0003297
%RSD	.2133535	.2778386	.5843656	.3235267	.2488464	1.954927

#1	35.46614	125.4514	1.831608	330.8073	7.312196	.0170105
#2	35.48640	125.3429	1.833541	330.2851	7.332057	.0170943
#3	35.34651	124.8020	1.814164	328.7535	7.295711	.0164860

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.004584	.2316831	1.185854	6.353851	-.004193	-.308674
Stddev	.068621	.0009868	.005725	.004707	.001417	.002471
%RSD	3.423187	.4259073	.4827549	.0740814	33.80797	.8005684

#1	1.947957	.2305658	1.187193	6.359202	-.004802	-.310775
#2	1.984899	.2320485	1.190790	6.350351	-.005203	-.305951
#3	2.080896	.2324351	1.179578	6.352001	-.002572	-.309296

Sample Name: I4868-02 Acquired: 8/21/2017 15:13:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGH1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158285	1.355636	1.780556	-.000700	.5144563	.0045594
Stddev	.0003751	.009707	.015341	.003235	.0035822	.0000448
%RSD	2.369516	.7160657	.8616105	461.8281	.6963099	.9832024

#1	.0154203	1.365763	1.798193	.001717	.5169217	.0045124
#2	.0161579	1.346412	1.770305	.000557	.5161001	.0045639
#3	.0159073	1.354733	1.773169	-.004375	.5103472	.0046017

Elem	Sr4077
Units	ppm
Avg	.0565038
Stddev	.0000920
%RSD	.1628709

#1	.0565844
#2	.0565235
#3	.0564035

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	839.8186	1510.355	33663.77	7854.657	2221.467
Stddev	4.8041	1.289	35.53	27.031	3.643
%RSD	.5720348	.0853654	.1055348	.3441356	.1639791

#1	840.3394	1509.232	33696.41	7825.268	2220.499
#2	834.7754	1510.070	33625.93	7860.247	2218.406
#3	844.3410	1511.763	33668.96	7878.455	2225.496

Sample Name: I4868-03 Acquired: 8/21/2017 15:16:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGH3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119943	-.000066	.2098877	-.001813	.0014082	82.63353	.5782791
Stddev	.0062489	.002396	.0013670	.001576	.0007431	.34436	.0021107
%RSD	52.09882	3652.278	.6512899	86.92445	52.77084	.4167280	.3649979

#1	.0155790	-.002238	.2097806	-.002952	.0006042	82.77901	.5795492
#2	.0156252	-.000462	.2085774	-.002473	.0020698	82.24031	.5758426
#3	.0047788	.002504	.2113050	-.000014	.0015508	82.88127	.5794455

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054489	.0009104	2.543593	.1730829	.0806028	.1224332	92.54137
Stddev	.0000508	.0000400	.007347	.0008513	.0004934	.0005209	.47357
%RSD	.9320769	4.396490	.2888255	.4918300	.6121776	.4254916	.5117334

#1	.0055006	.0008805	2.542716	.1735946	.0801097	.1218323	92.16401
#2	.0053991	.0008947	2.536725	.1721002	.0806023	.1227104	92.38732
#3	.0054470	.0009558	2.551339	.1735538	.0810965	.1227570	93.07278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3502138	2.441736	.0327489	.0005213	.4553173	.3048692	.4984574
Stddev	.0003159	.035517	.0007781	.0002030	.0140111	.0022103	.0077467
%RSD	.0901923	1.454599	2.376050	38.93734	3.077211	.7249943	1.554133

#1	.3505687	2.472522	.0328210	.0006697	.4454930	.3071290	.4938368
#2	.3499637	2.402876	.0319373	.0002900	.4713615	.3047668	.5074009
#3	.3501089	2.449809	.0334885	.0006043	.4490973	.3027120	.4941345

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.411281	.1886489	-.249485	.0026301	1.379307	1.991702	.0108626
Stddev	.008248	.0016840	.001363	.0001804	.012823	.008906	.0005000
%RSD	.5843997	.8926715	.5462089	6.858393	.9296985	.4471770	4.602874

#1	1.404453	.1879963	-.250839	.0024231	1.373390	1.982550	.0102901
#2	1.408945	.1873888	-.249503	.0027536	1.370511	1.992217	.0110847
#3	1.420444	.1905615	-.248114	.0027136	1.394021	2.000341	.0112131

Sample Name: I4868-03 Acquired: 8/21/2017 15:16:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAGH3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7598029	.0032419	.0032978
Stddev	.0021927	.0000251	.0000086
%RSD	.2885864	.7755055	.2620418

#1	.7612700	.0032681	.0033040
#2	.7572823	.0032397	.0032879
#3	.7608564	.0032180	.0033014

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1078.347	1906.414	42007.73	9198.229	2860.025
Stddev	1.911	7.393	47.89	21.167	5.885
%RSD	.1772413	.3877857	.1140089	.2301207	.2057554

#1	1079.154	1898.184	42047.93	9185.614	2857.532
#2	1076.164	1912.492	42020.53	9222.666	2866.745
#3	1079.721	1908.566	41954.74	9186.406	2855.796

Sample Name: I4868-04 Acquired: 8/21/2017 15:21:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGH4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002739	-.011708	.0923629	-.022366	.0121808	294.8219	.7351580
Stddev	.003302	.001145	.0012444	.005423	.0018438	1.1212	.0039281
%RSD	120.5635	9.781519	1.347338	24.24545	15.13682	.3803100	.5343218

#1	-.004361	-.011597	.0934201	-.017633	.0105699	295.7913	.7373005
#2	.001061	-.010623	.0926771	-.021181	.0117808	295.0805	.7375490
#3	-.004917	-.012906	.0909915	-.028283	.0141918	293.5940	.7306244

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112677	.0034194	9.801980	.2106596	.0582069	.2517332	587.9375
Stddev	.0000553	.0001440	.015085	.0010211	.0000215	.0009828	1.1840
%RSD	.4909672	4.211990	.1539006	.4846969	.0369606	.3904009	.2013777

#1	.0112968	.0032532	9.805446	.2109283	.0581905	.2528483	588.8644
#2	.0113023	.0035077	9.785464	.2115195	.0582313	.2509933	588.3444
#3	.0112039	.0034972	9.815031	.2095311	.0581991	.2513580	586.6038

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.486852	20.79830	.0558886	.0090396	2.604669	1.027585	.3673527
Stddev	.003869	.12013	.0005726	.0001650	.046912	.000507	.0023992
%RSD	.2602266	.5775772	1.024450	1.825332	1.801065	.0492899	.6531031

#1	1.489491	20.90340	.0554376	.0091305	2.552763	1.027577	.3646122
#2	1.488655	20.82413	.0556954	.0088491	2.644039	1.028095	.3690740
#3	1.482411	20.66735	.0565328	.0091391	2.617204	1.027082	.3683720

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.21712	.1747815	-1.64580	.0014786	1.081461	5.651338	.0238003
Stddev	.16995	.0002188	.00792	.0002322	.012038	.024882	.0012994
%RSD	.6244283	.1251686	.4812165	15.70573	1.113088	.4402827	5.459729

#1	27.36988	.1749484	-1.64204	.0014468	1.081311	5.644793	.0224686
#2	27.24742	.1748623	-1.65490	.0017251	1.093574	5.678838	.0250648
#3	27.03405	.1745338	-1.64046	.0012639	1.069500	5.630383	.0238676

Sample Name: I4868-04 Acquired: 8/21/2017 15:21:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGH4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.633456	.0074014	.0071746
Stddev	.020120	.0000501	.0000250
%RSD	.4342334	.6775319	.3488399

#1	4.639428	.0074164	.0071986
#2	4.649914	.0073454	.0071767
#3	4.611027	.0074423	.0071487

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	966.0746	1730.645	37069.40	8249.765	2605.129
Stddev	5.3617	9.676	88.89	36.563	6.404
%RSD	.5550000	.5590763	.2398003	.4432062	.2458386

#1	961.9165	1741.664	36971.54	8217.538	2612.416
#2	972.1262	1726.730	37091.49	8242.259	2602.579
#3	964.1811	1723.540	37145.17	8289.499	2600.392

Sample Name: I4868-05 Acquired: 8/21/2017 15:25:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGH5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0615878	-.002025	2.444138	-.002044	1.501341	60.50149	.7107457
Stddev	.0012285	.001100	.021877	.000541	.010183	.30968	.0039179
%RSD	1.994801	54.30892	.8950723	26.46402	.6782307	.5118562	.5512321

#1	.0604656	-.003022	2.458525	-.001843	1.509756	60.72522	.7129618
#2	.0613974	-.002207	2.418962	-.002656	1.490022	60.63121	.7130533
#3	.0629005	-.000845	2.454926	-.001631	1.504244	60.14805	.7062220

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044231	.0103208	20.65178	.2557648	.0220100	2.237842	119.0017
Stddev	.0000673	.0000903	.12651	.0005310	.0001751	.006614	.5135
%RSD	1.520960	.8750899	.6125944	.2076213	.7954246	.2955602	.4314817

#1	.0043497	.0102984	20.78044	.2553152	.0221065	2.240653	119.4888
#2	.0044818	.0102438	20.64736	.2556286	.0221155	2.242587	119.0510
#3	.0044378	.0104202	20.52753	.2563507	.0218079	2.230287	118.4654

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.541787	4.604830	.0453224	.0022243	.6471321	.2874373	1.736416
Stddev	.007757	.024149	.0007119	.0003400	.0741022	.0026176	.015585
%RSD	.5031248	.5244364	1.570717	15.28672	11.45086	.9106547	.8975310

#1	1.548658	4.601326	.0459932	.0025079	.5627597	.2875278	1.754147
#2	1.543327	4.630540	.0453985	.0023176	.7016512	.2900084	1.730218
#3	1.533375	4.582624	.0445755	.0018473	.6769854	.2847756	1.724884

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.992082	.3725161	-.314679	.0261961	2.203097	3.754722	4.531403
Stddev	.019793	.0039486	.003551	.0004448	.024656	.029389	.045251
%RSD	.6615225	1.059995	1.128496	1.697821	1.119159	.7827320	.9986095

#1	2.982897	.3742598	-.318168	.0263813	2.208633	3.781039	4.553167
#2	3.014800	.3679958	-.314799	.0256887	2.176144	3.760118	4.479383
#3	2.978550	.3752928	-.311069	.0265183	2.224515	3.723008	4.561661

Sample Name: I4868-05 Acquired: 8/21/2017 15:25:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGH5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.165736	.0033146	.0240593
Stddev	.005640	.0000499	.0001257
%RSD	.4838208	1.506229	.5224798

#1	1.171325	.0033354	.0241328
#2	1.165836	.0032577	.0241310
#3	1.160046	.0033508	.0239142

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	989.8839	1744.345	38872.36	8590.899	2814.741
Stddev	2.7649	12.638	45.37	41.794	20.724
%RSD	.2793200	.7244985	.1167238	.4864953	.7362719

#1	987.4335	1733.732	38859.24	8548.493	2798.009
#2	989.3365	1758.326	38835.00	8592.151	2837.924
#3	992.8815	1740.978	38922.85	8632.053	2808.292

Sample Name: I4868-06 Acquired: 8/21/2017 15:29:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGH6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069358	.0005036	.5809966	-.003324	.0051096	111.4968	.9223219
Stddev	.0008515	.0027448	.0040346	.000359	.0009162	.1047	.0006678
%RSD	12.27631	545.0073	.6944234	10.80866	17.93107	.0939197	.0724039

#1	.0059745	.0035583	.5825422	-.003043	.0055567	111.4696	.9227496
#2	.0072375	-.000292	.5764177	-.003729	.0057164	111.4084	.9215524
#3	.0075953	-.001756	.5840298	-.003200	.0040557	111.6124	.9226638

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083494	.0065944	4.730437	.1734307	.0363378	1.463873	101.0894
Stddev	.0000522	.0000681	.021156	.0012940	.0002875	.003522	.3224
%RSD	.6246282	1.032248	.4472258	.7461372	.7912204	.2405766	.3189675

#1	.0083674	.0065896	4.707763	.1736847	.0361534	1.463892	100.8563
#2	.0083903	.0065289	4.733901	.1720285	.0361909	1.467386	100.9546
#3	.0082907	.0066648	4.749647	.1745789	.0366691	1.460342	101.4574

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3206272	5.322044	.0542220	.0006866	.6023684	.3646393	1.128238
Stddev	.0016287	.052648	.0004879	.0002003	.0196674	.0024576	.001169
%RSD	.5079856	.9892418	.8997310	29.17476	3.265013	.6739721	.1035687

#1	.3196586	5.337670	.0546824	.0006555	.6244467	.3650640	1.129579
#2	.3197154	5.263352	.0537107	.0005036	.5867229	.3619970	1.127696
#3	.3225076	5.365110	.0542728	.0009006	.5959357	.3668568	1.127439

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.473598	.2701050	-.273090	.0048755	2.505754	3.150153	.0760298
Stddev	.020545	.0003135	.000562	.0001317	.015389	.004242	.0005463
%RSD	.4592400	.1160610	.2057245	2.702139	.6141630	.1346498	.7185644

#1	4.454979	.2703665	-.272560	.0050273	2.523288	3.145963	.0766371
#2	4.495639	.2697575	-.273679	.0047910	2.494487	3.150052	.0755783
#3	4.470177	.2701909	-.273030	.0048083	2.499487	3.154444	.0758740

Sample Name: I4868-06 Acquired: 8/21/2017 15:29:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGH6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.132725	.0069403	.0098548
Stddev	.003149	.0000623	.0000094
%RSD	.2780201	.8970190	.0952046

#1	1.135001	.0068796	.0098647
#2	1.129131	.0070040	.0098537
#3	1.134043	.0069373	.0098461

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1085.105	1946.675	42724.99	9436.646	2781.781
Stddev	2.541	2.620	26.65	23.112	5.618
%RSD	.2341377	.1345823	.0623687	.2449152	.2019461

#1	1082.181	1948.984	42738.08	9452.186	2779.972
#2	1086.358	1947.214	42694.33	9410.087	2788.080
#3	1086.776	1943.827	42742.56	9447.665	2777.290

Sample Name: I4868-07 Acquired: 8/21/2017 15:33:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGH7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0250079	-.016798	.5118797	-.014601	.0080327	193.3682	1.051754
Stddev	.0018590	.000681	.0058312	.001561	.0036806	.6330	.003834
%RSD	7.433517	4.053286	1.139172	10.69276	45.82008	.3273714	.3645070

#1	.0254784	-.016692	.5104049	-.013394	.0122779	193.5168	1.050292
#2	.0229589	-.016176	.5069274	-.016364	.0057369	192.6741	1.048866
#3	.0265864	-.017526	.5183067	-.014045	.0060832	193.9138	1.056103

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092775	.0051508	24.34992	.3433745	.0435186	.3326205	411.4878
Stddev	.0001833	.0003616	.12419	.0044702	.0004755	.0004561	2.2650
%RSD	1.976062	7.019449	.5100358	1.301845	1.092640	.1371074	.5504317

#1	.0092479	.0049727	24.49256	.3400481	.0431405	.3330346	414.0704
#2	.0094739	.0049129	24.29137	.3484559	.0433629	.3326951	410.5538
#3	.0091108	.0055669	24.26582	.3416195	.0440525	.3321318	409.8392

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.346388	6.519167	.0683763	.0057123	1.742026	.7475907	.9098941
Stddev	.018651	.014302	.0004807	.0001762	.061284	.0006369	.0080850
%RSD	.5573331	.2193806	.7029655	3.083655	3.517990	.0851919	.8885610

#1	3.367812	6.514837	.0678326	.0058239	1.787931	.7483077	.9146154
#2	3.337571	6.507531	.0687448	.0058038	1.672433	.7470907	.9145084
#3	3.333781	6.535134	.0685513	.0055092	1.765714	.7473735	.9005586

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.615542	.6016445	-1.13770	.0044693	1.588662	2.744538	.0393891
Stddev	.060905	.0051866	.00456	.0001402	.009145	.005349	.0012407
%RSD	.6333993	.8620727	.4010352	3.137206	.5756447	.1949000	3.149819

#1	9.596304	.5999028	-1.14204	.0043076	1.579425	2.746305	.0385409
#2	9.566579	.5975530	-1.13811	.0045574	1.597712	2.748779	.0408131
#3	9.683742	.6074778	-1.13294	.0045429	1.588849	2.738528	.0388134

Sample Name: I4868-07 Acquired: 8/21/2017 15:33:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGH7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.368713	.0057953	.0170553
Stddev	.006739	.0000626	.0000407
%RSD	.2845054	1.079699	.2384895

#1	2.374624	.0057390	.0170223
#2	2.361374	.0058627	.0170428
#3	2.370140	.0057844	.0171007

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	993.7652	1777.249	38522.00	8604.260	2644.997
Stddev	8.7499	13.739	258.12	36.851	11.685
%RSD	.8804769	.7730210	.6700516	.4282934	.4417785

#1	989.7469	1772.864	38556.92	8561.957	2646.816
#2	987.7462	1792.644	38248.20	8621.430	2655.667
#3	1003.802	1766.238	38760.88	8629.393	2632.510

Sample Name: I4868-08 Acquired: 8/21/2017 15:37:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGH8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2956263	-.002997	.8117748	.0027174	.0172174	86.53094	11.76321
Stddev	.0033271	.006000	.0096566	.0055441	.0032910	4.23568	.42711
%RSD	1.125443	200.2387	1.189570	204.0216	19.11466	4.894987	3.630894

#1	.2950285	.003874	.8171322	.0090917	.0205823	90.99663	12.14133
#2	.2992118	-.005657	.8175652	-.000984	.0170641	82.57062	11.29994
#3	.2926387	-.007206	.8006271	.000044	.0140056	86.02557	11.84837

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064951	.0318565	43.06366	.6399720	.0678189	.8184734	207.2840
Stddev	.0002091	.0009663	2.09154	.0339616	.0010324	.0420762	9.8006
%RSD	3.219973	3.033310	4.856866	5.306726	1.522332	5.140810	4.728119

#1	.0064823	.0325068	45.28286	.6040092	.0685432	.8625297	217.7525
#2	.0062927	.0323166	41.12889	.6444110	.0682768	.7787058	198.3269
#3	.0067104	.0307461	42.77922	.6714958	.0666367	.8141848	205.7724

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.944825	14.74026	.1196714	.0057158	1.479665	.3076207	11.05144
Stddev	.092147	.71012	.0013036	.0002692	.103730	.0129525	.43318
%RSD	4.738045	4.817555	1.089274	4.709010	7.010385	4.210550	3.919636

#1	2.041722	15.45757	.1199331	.0059969	1.494644	.3207167	10.67338
#2	1.858308	14.03755	.1208242	.0054605	1.369259	.2948167	10.95684
#3	1.934444	14.72566	.1182569	.0056900	1.575091	.3073286	11.52409

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.30774	.5870067	-.507728	.0227807	7.449045	3.348558	.0668988
Stddev	.89915	.0092974	.021728	.0023814	.073632	.128676	.0008492
%RSD	5.513666	1.583863	4.279486	10.45375	.9884812	3.842725	1.269332

#1	17.27866	.5786730	-.530623	.0251066	7.370693	3.482458	.0678794
#2	15.50375	.5970347	-.487394	.0228880	7.516813	3.225836	.0664099
#3	16.14082	.5853123	-.505168	.0203474	7.459630	3.337379	.0664073

Sample Name: I4868-08 Acquired: 8/21/2017 15:37:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAGH8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.175978	.0102914	.0792099
Stddev	.147339	.0008278	.0037597
%RSD	4.639173	8.043323	4.746499

#1	3.332484	.0103911	.0827358
#2	3.039948	.0094183	.0752535
#3	3.155501	.0110648	.0796404

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	994.1198	1691.833	39199.18	8732.439	2673.268
Stddev	35.9494	7.067	1256.22	369.229	7.881
%RSD	3.616203	.4177155	3.204722	4.228243	.2948126

#1	1028.216	1693.514	40504.52	8335.904	2682.349
#2	997.577	1697.909	39094.41	9066.353	2669.243
#3	956.567	1684.077	37998.63	8795.061	2668.213

Sample Name: I4868-09 Acquired: 8/21/2017 15:41:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGH9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218860	-.003095	.1125438	-.000186	.0041425	54.16513	.2292019
Stddev	.0028965	.000653	.0019547	.001647	.0005906	.15043	.0005594
%RSD	13.23466	21.10474	1.736829	884.4253	14.25680	.2777207	.2440473

#1	.0187785	-.003534	.1143626	-.001144	.0048245	54.25886	.2298408
#2	.0245110	-.002344	.1104769	-.001130	.0038006	54.24492	.2288001
#3	.0223684	-.003406	.1127920	.001716	.0038025	53.99162	.2289649

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025534	.0013038	3.597542	.1203895	.0140556	.0781588	111.8195
Stddev	.0000922	.0002169	.023156	.0001816	.0002683	.0007734	.9001
%RSD	3.609043	16.63970	.6436552	.1508352	1.908952	.9895753	.8049504

#1	.0024890	.0013028	3.589888	.1205773	.0143647	.0788525	111.0589
#2	.0026590	.0010873	3.623555	.1202149	.0139205	.0782992	112.8132
#3	.0025124	.0015212	3.579181	.1203762	.0138818	.0773248	111.5863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.222589	1.148138	.0154390	.0014524	.4616913	.2490004	.1472437
Stddev	.012025	.004717	.0002600	.0000824	.0513213	.0016849	.0056733
%RSD	.9835729	.4108550	1.684004	5.670361	11.11593	.6766697	3.852979

#1	1.210691	1.142740	.0153240	.0014176	.4424343	.2472312	.1419101
#2	1.234737	1.150209	.0157367	.0013931	.5198559	.2505860	.1532045
#3	1.222338	1.151466	.0152564	.0015465	.4227837	.2491839	.1466165

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.324438	.1828468	-.303665	.0015819	.3880198	6.371626	.0122818
Stddev	.012768	.0010178	.002801	.0000551	.0024599	.035530	.0010886
%RSD	.9640562	.5566229	.9223785	3.481202	.6339511	.5576310	8.863584

#1	1.338622	.1839066	-.304602	.0015290	.3895504	6.372305	.0128424
#2	1.313862	.1818771	-.305878	.0016389	.3851824	6.406811	.0129759
#3	1.320830	.1827566	-.300516	.0015779	.3893267	6.335760	.0110272

Sample Name: I4868-09 Acquired: 8/21/2017 15:41:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAGH9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5189329	.0014061	.0038027
Stddev	.0018577	.0000190	.0000167
%RSD	.3579814	1.347632	.4385970

#1	.5210372	.0014260	.0038125
#2	.5182414	.0013883	.0038121
#3	.5175202	.0014040	.0037834

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	981.1714	1739.043	38153.07	8363.596	2893.910
Stddev	8.2544	9.527	43.51	62.684	12.682
%RSD	.8412772	.5478036	.1140295	.7494918	.4382456

#1	978.0059	1728.323	38131.03	8375.542	2879.763
#2	974.9684	1746.541	38124.99	8295.798	2904.259
#3	990.5400	1742.264	38203.19	8419.448	2897.709

Sample Name: I4868-10 Acquired: 8/21/2017 15:45:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGH9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0260114	-.003756	.1121813	-.002692	.0047497	55.66073	.2327797
Stddev	.0016369	.001474	.0010251	.000134	.0003329	1.49622	.0055824
%RSD	6.293004	39.25877	.9138221	4.993753	7.008086	2.688098	2.398133

#1	.0241242	-.004811	.1112059	-.002544	.0047958	54.71937	.2299105
#2	.0270461	-.004385	.1120881	-.002806	.0043962	57.38602	.2392132
#3	.0268638	-.002071	.1132498	-.002726	.0050571	54.87681	.2292154

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025838	.0012210	3.688669	.1203666	.0144994	.0800282	115.6190
Stddev	.0001605	.0001450	.092503	.0004142	.0000943	.0015224	2.7548
%RSD	6.211063	11.87299	2.507773	.3441041	.6501100	1.902375	2.382670

#1	.0023987	.0013786	3.639238	.1201044	.0146051	.0790194	113.6646
#2	.0026841	.0010933	3.795387	.1201513	.0144693	.0817794	118.7697
#3	.0026685	.0011913	3.631383	.1208441	.0144239	.0792857	114.4227

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.267184	1.181989	.0155571	.0014186	.4446824	.2567926	.1509949
Stddev	.030828	.020844	.0005784	.0000513	.0953617	.0080699	.0041648
%RSD	2.432818	1.763464	3.717764	3.616422	21.44490	3.142585	2.758259

#1	1.244451	1.159084	.0159044	.0014592	.5530852	.2526765	.1462018
#2	1.302273	1.199843	.0148894	.0014356	.4072281	.2660906	.1530522
#3	1.254827	1.187040	.0158775	.0013609	.3737338	.2516106	.1537308

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.375033	.1842349	-.312095	.0018952	.3776163	6.579630	.0130943
Stddev	.036230	.0012534	.004230	.0002444	.0058785	.119771	.0013949
%RSD	2.634815	.6803399	1.355212	12.89326	1.556728	1.820330	10.65274

#1	1.364756	.1855184	-.309888	.0018278	.3783565	6.491249	.0143015
#2	1.415290	.1841723	-.316971	.0021662	.3830897	6.715943	.0115672
#3	1.345051	.1830139	-.309425	.0016917	.3714029	6.531696	.0134141

Sample Name: I4868-10 Acquired: 8/21/2017 15:45:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGH9D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5330906	.0014415	.0039003
Stddev	.0131525	.0000884	.0001019
%RSD	2.467224	6.135144	2.613470

#1	.5253066	.0013916	.0038517
#2	.5482762	.0015436	.0040175
#3	.5256889	.0013893	.0038318

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	973.5566	1734.383	38007.72	8152.503	2884.578
Stddev	4.1339	6.120	107.22	163.540	2.250
%RSD	.4246153	.3528724	.2821057	2.006012	.0780008

#1	976.8207	1734.695	38095.01	8242.807	2882.250
#2	968.9083	1740.341	37888.04	7963.722	2884.744
#3	974.9409	1728.113	38040.11	8250.981	2886.741

Sample Name: I4868-11 Acquired: 8/21/2017 15:49:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGH9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0958740	.1247851	.1570512	.0797503	.0491780	52.08959	4.606575
Stddev	.0048204	.0006053	.0009223	.0047179	.0012646	.00678	.017715
%RSD	5.027836	.4850805	.5872718	5.915865	2.571455	.0130180	.3845541

#1	.0911512	.1248100	.1568347	.0850881	.0489291	52.08176	4.625281
#2	.1007863	.1241678	.1580625	.0780244	.0480564	52.09361	4.590054
#3	.0956844	.1253776	.1562564	.0761383	.0505485	52.09340	4.604390

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1009512	.0984076	3.222647	.5064547	1.023457	.5906751	97.33105
Stddev	.0004776	.0000799	.016098	.0016692	.004273	.0008365	.45525
%RSD	.4731331	.0811489	.4995325	.3295790	.4175524	.1416211	.4677373

#1	.1004073	.0983490	3.204231	.5075932	1.020168	.5906459	96.86405
#2	.1011440	.0984986	3.229670	.5072322	1.021915	.5915258	97.77357
#3	.1013022	.0983752	3.234041	.5045386	1.028287	.5898535	97.35554

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.156603	1.118768	1.039939	.0427748	.3629304	1.294332	1.059342
Stddev	.015886	.027738	.002512	.0002501	.0475040	.004780	.009587
%RSD	.7365986	2.479315	.2415720	.5847667	13.08903	.3693373	.9050377

#1	2.138934	1.147948	1.037067	.0426611	.3892949	1.290067	1.048676
#2	2.169704	1.115615	1.041022	.0426016	.3914053	1.299499	1.062106
#3	2.161171	1.092742	1.041729	.0430615	.3080909	1.293431	1.067243

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.268802	.1670941	-.260437	.0016178	.3397205	1.695245	.0131901
Stddev	.031662	.0009034	.002019	.0001262	.0055813	.009674	.0008856
%RSD	2.495447	.5406730	.7753944	7.801392	1.642896	.5706806	6.714062

#1	1.247173	.1663224	-.262728	.0017130	.3338310	1.687169	.0124265
#2	1.254089	.1668720	-.259672	.0014746	.3403991	1.705967	.0141609
#3	1.305144	.1680879	-.258913	.0016657	.3449315	1.692600	.0129827

Sample Name: I4868-11 Acquired: 8/21/2017 15:49:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAGH9S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3625338	.0012096	.0044765
Stddev	.0008973	.0000277	.0000066
%RSD	.2474972	2.290608	.1479109

#1	.3615026	.0012196	.0044788
#2	.3631357	.0012308	.0044691
#3	.3629633	.0011782	.0044817

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	980.6067	1738.554	38104.45	8279.370	2898.316
Stddev	3.9802	6.882	128.57	36.147	3.356
%RSD	.4058875	.3958553	.3374073	.4365909	.1157868

#1	976.1224	1744.737	37963.66	8288.243	2901.707
#2	983.7207	1739.785	38134.03	8239.613	2898.242
#3	981.9771	1731.139	38215.64	8310.254	2894.997

Sample Name: I4868-09LX5 Acquired: 8/21/2017 15:53:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGH9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060098	.0005096	.0223040	-.000733	.0014801	10.95784	.0459800
Stddev	.0009473	.0020824	.0005120	.000271	.0013961	.01834	.0002372
%RSD	15.76279	408.6135	2.295351	36.97894	94.32662	.1674084	.5158656

#1	.0070753	-.000948	.0218280	-.000579	-.000029	10.93694	.0461484
#2	.0052628	-.000418	.0228456	-.000575	.002726	10.97126	.0457088
#3	.0056913	.002895	.0222384	-.001047	.001743	10.96532	.0460829

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006722	.0002495	.7330003	.0245491	.0028773	.0167717	23.08461
Stddev	.0000924	.0000786	.0078314	.0000738	.0002316	.0007410	.06256
%RSD	13.74678	31.51870	1.068397	.3005855	8.050908	4.418338	.2710058

#1	.0006134	.0003058	.7240776	.0245177	.0029333	.0165933	23.15171
#2	.0006244	.0001596	.7361897	.0244962	.0030757	.0175857	23.07424
#3	.0007787	.0002830	.7387338	.0246334	.0026227	.0161362	23.02789

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2509329	.2340449	.0030159	.0001670	.1226507	.0498117	.0282597
Stddev	.0015924	.0112445	.0003359	.0001746	.0382348	.0007907	.0023621
%RSD	.6346098	4.804409	11.13889	104.5267	31.17375	1.587347	8.358510

#1	.2526381	.2218230	.0033334	.0003223	.1661626	.0505773	.0282440
#2	.2494843	.2363600	.0026641	.0002007	.1073708	.0489981	.0306297
#3	.2506764	.2439515	.0030500	-.000022	.0944187	.0498595	.0259056

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2507729	.0359071	-.065228	.0004350	.0603577	1.369363	.0036442
Stddev	.0001539	.0006183	.000640	.0000795	.0058837	.014583	.0002535
%RSD	.0613851	1.721955	.9816036	18.28100	9.748021	1.064961	6.956533

#1	.2508635	.0356343	-.065936	.0005267	.0535916	1.365024	.0039255
#2	.2505951	.0354721	-.064690	.0003938	.0632093	1.385624	.0035738
#3	.2508600	.0366149	-.065056	.0003846	.0642723	1.357442	.0034333

Sample Name: I4868-09LX5 Acquired: 8/21/2017 15:53:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAGH9L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1056986	.0000547	.0008340
Stddev	.0003179	.0000232	.0000004
%RSD	.3007302	42.36535	.0494683

#1	.1054206	.0000773	.0008342
#2	.1060451	.0000556	.0008335
#3	.1056299	.0000311	.0008343

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1010.797	1788.975	38994.20	8337.513	3123.273
Stddev	3.698	15.662	112.60	10.389	27.232
%RSD	.3658398	.8754461	.2887702	.1246085	.8719021

#1	1006.650	1795.167	39104.15	8332.273	3137.087
#2	1011.990	1800.593	38879.11	8330.787	3140.828
#3	1013.751	1771.164	38999.33	8349.479	3091.902

Sample Name: I4868-12 Acquired: 8/21/2017 15:57:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGJ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0608799	-.009119	1.366105	-.009745	.0101337	107.9875	.5620324
Stddev	.0043187	.003338	.007180	.004831	.0023088	.2393	.0007608
%RSD	7.093760	36.60817	.5256070	49.57100	22.78300	.2215803	.1353646

#1	.0594217	-.005310	1.359207	-.015275	.0093954	107.7661	.5613026
#2	.0657390	-.010511	1.373538	-.006346	.0127213	108.2414	.5628208
#3	.0574791	-.011537	1.365571	-.007614	.0082843	107.9551	.5619738

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062182	.0177066	10.46147	.3031342	.0285258	.8945828	290.1617
Stddev	.0000888	.0003082	.03801	.0011114	.0002407	.0030994	1.4157
%RSD	1.428178	1.740832	.3633654	.3666212	.8438285	.3464640	.4878852

#1	.0062154	.0175523	10.44156	.3018694	.0285595	.8974403	288.8499
#2	.0061307	.0180615	10.50531	.3035787	.0282700	.8950201	291.6623
#3	.0063083	.0175059	10.43755	.3039545	.0287479	.8912879	289.9731

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9066841	3.677058	.0621724	.0044804	1.298994	.5163376	4.359505
Stddev	.0064743	.013557	.0003884	.0001362	.082264	.0033897	.057532
%RSD	.7140659	.3686886	.6247318	3.040714	6.332915	.6564854	1.319699

#1	.9023634	3.692589	.0618107	.0043706	1.254541	.5127016	4.383170
#2	.9141280	3.670986	.0621235	.0046329	1.393921	.5194104	4.401430
#3	.9035610	3.667598	.0625829	.0044378	1.248520	.5169008	4.293914

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.156796	.4390990	-.796076	.0038499	2.796320	9.799510	.0906987
Stddev	.009668	.0023586	.003445	.0003684	.018276	.020058	.0006465
%RSD	.1874802	.5371415	.4327480	9.569743	.6535729	.2046848	.7127468

#1	5.167024	.4366772	-.799581	.0042394	2.775872	9.795191	.0899638
#2	5.155556	.4392310	-.795954	.0038033	2.811063	9.821375	.0911795
#3	5.147808	.4413888	-.792694	.0035070	2.802026	9.781962	.0909528

Sample Name: I4868-12 Acquired: 8/21/2017 15:57:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAGJ0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.449334	.0035322	.0092488
Stddev	.003303	.0000087	.0000064
%RSD	.2278897	.2452859	.0687623

#1	1.446716	.0035403	.0092506
#2	1.453044	.0035230	.0092417
#3	1.448241	.0035334	.0092540

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	968.5668	1737.594	38154.88	8486.919	2778.282
Stddev	9.6392	8.374	47.55	25.086	11.414
%RSD	.9952036	.4819042	.1246178	.2955789	.4108442

#1	961.6735	1746.826	38129.05	8500.435	2791.321
#2	964.4454	1735.464	38125.83	8457.974	2770.097
#3	979.5816	1730.490	38209.75	8502.349	2773.427

Sample Name: PB101668BL Acquired: 8/21/2017 16:01:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001676	.0003671	-.000205	-.001210	-.001063	-.004273	-.001493
Stddev	.001476	.0004086	.001205	.000976	.000990	.006181	.001047
%RSD	88.09520	111.2956	586.4494	80.63724	93.13613	144.6536	70.13154

#1	-.000655	.0008385	-.001541	-.002320	-.002155	-.006256	-.001157
#2	-.001004	.0001487	.000799	-.000821	-.000224	.002656	-.002667
#3	-.003369	.0001142	.000126	-.000488	-.000810	-.009219	-.000655

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000754	-.000040	-.004012	.0000696	.0001447	.0018516	.0068300
Stddev	.0001641	.000014	.000443	.0003224	.0001446	.0004398	.0046942
%RSD	217.6372	35.24023	11.03487	462.8429	99.92670	23.75047	68.72875

#1	.0001371	-.000039	-.003600	-.000109	.0002980	.0018577	.0072152
#2	-.000111	-.000027	-.004480	-.000124	.0001255	.0022883	.0113198
#3	.000200	-.000055	-.003958	.000442	.0000107	.0014088	.0019551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000235	.0163891	.0004690	-.000265	-.020035	-.000567	.0005606
Stddev	.000234	.0062445	.0003778	.000211	.042821	.000536	.0037500
%RSD	99.37836	38.10161	80.55448	79.60359	213.7290	94.52885	668.9567

#1	-.000449	.0212644	.0004469	-.000273	-.065803	-.000939	-.003538
#2	.000015	.0185523	.0008574	-.000050	.019054	.000047	.001400
#3	-.000272	.0093506	.0001027	-.000472	-.013356	-.000809	.003820

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110065	-.000053	-.001011	-.000054	-.016557	.0005603	-.001059
Stddev	.0564973	.000082	.000324	.000222	.002925	.0010553	.000871
%RSD	513.3098	154.3463	32.07527	409.6258	17.66954	188.3377	82.30581

#1	-.013194	-.000007	-.001340	.000178	-.014293	-.000387	-.001418
#2	.075573	-.000148	-.000999	-.000077	-.019860	.001698	-.001692
#3	-.029359	-.000004	-.000692	-.000264	-.015517	.000371	-.000065

Sample Name: PB101668BL Acquired: 8/21/2017 16:01:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005431	-.000389	.0000897
Stddev	.0007728	.000028	.0000016
%RSD	142.3073	7.123161	1.796373

#1	.0013765	-.000399	.0000882
#2	-.000150	-.000411	.0000896
#3	.000402	-.000358	.0000914

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	989.6758	1768.673	38195.57	7973.897	3175.560
Stddev	4.0673	8.474	16.06	380.941	15.706
%RSD	.4109738	.4791025	.0420553	4.777356	.4946025

#1	985.3751	1775.983	38206.96	8093.801	3193.589
#2	993.4605	1759.385	38177.19	7547.429	3168.253
#3	990.1919	1770.651	38202.55	8280.460	3164.838

Sample Name: PB101668BS Acquired: 8/21/2017 16:05:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189466	.0490895	.0197951	.0686421	.1171951	.3747836
Stddev	.0028957	.0015191	.0007260	.0017464	.0023542	.0024547
%RSD	15.28362	3.094657	3.667618	2.544234	2.008782	.6549592

#1	.0178891	.0494295	.0195917	.0696604	.1147849	.3730125
#2	.0222224	.0504098	.0206012	.0666256	.1173113	.3775856
#3	.0167283	.0474291	.0191926	.0696404	.1194890	.3737527

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3654315	.0108877	.0102135	9.633284	.0225063	.0931026
Stddev	.0023237	.0001005	.0001169	.009082	.0004226	.0001099
%RSD	.6358812	.9232410	1.144404	.0942807	1.877863	.1179970

#1	.3627521	.0109909	.0102887	9.622940	.0226535	.0932104
#2	.3668935	.0107900	.0102731	9.636959	.0220297	.0929907
#3	.3666491	.0108822	.0100789	9.639953	.0228356	.0931065

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0527442	.2310575	.0302944	9.556478	.0784710	.0191152
Stddev	.0009935	.0100450	.0002094	.079947	.0003253	.0003636
%RSD	1.883594	4.347396	.6912979	.8365740	.4145451	1.902442

#1	.0535710	.2380704	.0300909	9.568862	.0787586	.0187217
#2	.0530196	.2195500	.0305093	9.471061	.0785366	.0194389
#3	.0516421	.2355521	.0302830	9.629510	.0781180	.0191848

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.441308	.1049286	.1103441	9.287685	F .0027587	F .0221026
Stddev	.162501	.0021668	.0036377	.063424	.0002378	.0006589
%RSD	1.721174	2.065010	3.296725	.6828795	8.619064	2.981168

#1	9.254759	.1055711	.1138843	9.265340	.0030069	.0221837
#2	9.517085	.1067015	.1066161	9.238458	.0027360	.0214069
#3	9.552081	.1025132	.1105320	9.359257	.0025330	.0227172

Sample Name: PB101668BS Acquired: 8/21/2017 16:05:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0241376	.1409231	.2038225	F .0168406	.2056723	.0101789
Stddev	.0001857	.0026941	.0004171	.0016827	.0012435	.0000643
%RSD	.7694669	1.911781	.2046384	9.991868	.6046120	.6318683

#1	.0241991	.1438634	.2040149	.0173893	.2047221	.0101295
#2	.0239289	.1385731	.2033440	.0181804	.2052150	.0101555
#3	.0242848	.1403327	.2041087	.0149521	.2070797	.0102516

Elem	Sr4077
Units	ppm
Avg	.0279571
Stddev	.0000722
%RSD	.2582948

#1	.0278816
#2	.0279640
#3	.0280255

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	937.2282	1675.477	36711.66	7971.461	2948.120
Stddev	13.1434	3.963	192.35	31.204	5.613
%RSD	1.402373	.2365522	.5239530	.3914465	.1903999

#1	925.8796	1674.034	36502.74	7940.381	2941.875
#2	934.1758	1679.959	36750.82	8002.787	2952.746
#3	951.6293	1672.437	36881.41	7971.214	2949.738

Sample Name: I4801-01 Acquired: 8/21/2017 16:10:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0549248	-.008381	.3658777	.0042682	.0043716	94.24651
Stddev	.0045562	.003002	.0031320	.0016435	.0018026	.41534
%RSD	8.295342	35.81565	.8560114	38.50558	41.23389	.4406984

#1	.0496668	-.004943	.3665244	.0059972	.0026777	94.55383
#2	.0577081	-.010481	.3624728	.0040813	.0041711	93.77399
#3	.0573995	-.009719	.3686358	.0027262	.0062660	94.41172

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.579603	.0140055	.0244059	F 1018.409	.0869431	.0499469
Stddev	.005896	.0002402	.0003065	5.011	.0007930	.0005069
%RSD	.3732489	1.715235	1.255893	.4920679	.9121103	1.014862

#1	1.584980	.0142348	.0246565	1015.689	.0871890	.0495544
#2	1.573298	.0140261	.0240641	1024.192	.0875840	.0505191
#3	1.580531	.0137556	.0244971	1015.346	.0860563	.0497670

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2538161	94.08239	6.692792	330.8487	.1447359	.0032264
Stddev	.0025354	.20342	.017749	1.1989	.0004239	.0001166
%RSD	.9988970	.2162121	.2652009	.3623710	.2928832	3.614346

#1	.2541169	94.31484	6.711105	331.9848	.1448092	.0032608
#2	.2511437	93.93692	6.675666	329.5956	.1451183	.0033220
#3	.2561876	93.99542	6.691604	330.9657	.1442801	.0030965

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.597540	.1819489	1.613037	16.50662	.8880925	-.138759
Stddev	.083575	.0040780	.014551	.11410	.0058798	.001574
%RSD	1.100024	2.241295	.9021165	.6912448	.6620692	1.134363

#1	7.576585	.1854750	1.596288	16.54042	.8815706	-.140355
#2	7.526438	.1774831	1.620248	16.37943	.8897190	-.137208
#3	7.689599	.1828887	1.622575	16.60000	.8929877	-.138714

Sample Name: I4801-01 Acquired: 8/21/2017 16:10:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHB8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167145	16.91802	7.869063	.0011380	1.210468	.0152300
Stddev	.0001778	.04532	.034712	.0008776	.004840	.0001348
%RSD	1.063698	.2678549	.4411260	77.12081	.3998146	.8848075

#1	.0165121	16.86798	7.895134	.0019039	1.214189	.0153605
#2	.0168454	16.92982	7.882395	.0013297	1.204997	.0150914
#3	.0167859	16.95627	7.829661	.0001803	1.212218	.0152381

Elem	Sr4077
Units	ppm
Avg	.1418516
Stddev	.0004611
%RSD	.3250241

#1	.1422251
#2	.1413364
#3	.1419934

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	931.7526	1642.652	36110.33	8539.599	2072.406
Stddev	3.4032	2.530	193.54	23.724	1.096
%RSD	.3652440	.1539890	.5359637	.2778129	.0528949

#1	935.3344	1645.507	36305.59	8512.480	2073.323
#2	931.3618	1641.758	35918.56	8549.806	2072.703
#3	928.5618	1640.691	36106.83	8556.512	2071.191

Sample Name: I4801-02 Acquired: 8/21/2017 16:14:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5240667	-.014207	.5690742	-.003938	.1327286	73.89440	1.652066
Stddev	.0031683	.001441	.0014692	.005378	.0006496	.42160	.009650
%RSD	.6045554	10.14313	.2581652	136.5539	.4893839	.5705505	.5841395

#1	.5216835	-.015815	.5704719	.000467	.1334728	74.24115	1.660232
#2	.5228545	-.013772	.5692078	-.009931	.1324378	73.42510	1.641417
#3	.5276621	-.013033	.5675427	-.002350	.1322753	74.01695	1.654549

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075739	.0333012	209.9930	.0918111	.1075812	3.283348	170.5948
Stddev	.0001560	.0000846	1.8478	.0015002	.0006600	.010368	1.6939
%RSD	2.059236	.2541394	.8799110	1.633984	.6134549	.3157686	.9929282

#1	.0074146	.0332068	211.3232	.0909142	.1071045	3.290354	171.7003
#2	.0075808	.0333702	207.8832	.0909762	.1083345	3.271438	168.6447
#3	.0077263	.0333265	210.7726	.0935430	.1073047	3.288252	171.4394

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.836720	57.76849	.2817080	.2228236	3.418297	.2100722	7.109661
Stddev	.047586	.45170	.0011462	.0023596	.046475	.0016435	.025987
%RSD	.9838426	.7819200	.4068855	1.058938	1.359598	.7823735	.3655123

#1	4.869008	58.14255	.2807967	.2214307	3.435032	.2119678	7.105061
#2	4.782072	57.26667	.2829949	.2214921	3.365772	.2090439	7.086281
#3	4.859079	57.89624	.2813325	.2255479	3.454088	.2092051	7.137640

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.20945	.8159234	-.433944	.0371693	3.678291	3.604208	.0719315
Stddev	.05450	.0024124	.005044	.0001981	.010070	.044963	.0025812
%RSD	.3362302	.2956586	1.162346	.5330653	.2737807	1.247520	3.588471

#1	16.27234	.8135280	-.436279	.0373664	3.667488	3.608506	.0703102
#2	16.17591	.8183523	-.428155	.0369701	3.687418	3.557251	.0705761
#3	16.18010	.8158897	-.437396	.0371712	3.679968	3.646869	.0749081

Sample Name: I4801-02 Acquired: 8/21/2017 16:14:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METHB9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7358670	.0097184	.0544998
Stddev	.0022407	.0000278	.0003866
%RSD	.3044950	.2863375	.7093145

#1	.7375626	.0097200	.0548104
#2	.7333267	.0097453	.0540669
#3	.7367115	.0096897	.0546223

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1020.388	1819.765	39859.08	9128.764	2493.240
Stddev	5.646	6.671	354.37	75.471	5.552
%RSD	.5532912	.3665976	.8890470	.8267360	.2226985

#1	1024.232	1813.492	40070.60	9079.257	2490.473
#2	1023.026	1819.030	40056.66	9215.627	2489.614
#3	1013.906	1826.773	39449.97	9091.407	2499.632

Sample Name: I4801-03 Acquired: 8/21/2017 16:18:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHC0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0973039	-.009627	.3805995	-.008170	.0058841	64.74736	1.911548
Stddev	.0033000	.001513	.0013150	.000744	.0009571	.15423	.006548
%RSD	3.391399	15.71621	.3454950	9.104663	16.26534	.2382011	.3425494

#1	.0980712	-.008169	.3793059	-.008649	.0069748	64.58438	1.904297
#2	.1001527	-.009522	.3819348	-.007313	.0054931	64.89101	1.917030
#3	.0936879	-.011190	.3805577	-.008548	.0051845	64.76669	1.913317

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060254	.0497313	58.99754	.0916455	.0917015	.5647745	124.5921
Stddev	.0000947	.0001382	.18406	.0004676	.0004174	.0014758	.4114
%RSD	1.571083	.2778174	.3119800	.5102521	.4551998	.2613094	.3301689

#1	.0061344	.0498498	58.80324	.0920569	.0912712	.5630876	124.2654
#2	.0059640	.0497647	59.16929	.0917426	.0917286	.5658270	125.0541
#3	.0059778	.0495796	59.02008	.0911369	.0921047	.5654089	124.4568

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.308013	36.66742	.1783877	.0036964	.9945505	.2061930	2.291285
Stddev	.023292	.12104	.0003468	.0002520	.0209831	.0013217	.011575
%RSD	.4388034	.3301120	.1944043	6.816320	2.109813	.6409819	.5051774

#1	5.282915	36.75169	.1784227	.0034241	1.018737	.2051214	2.297194
#2	5.328932	36.72185	.1780248	.0039213	.981212	.2076698	2.277948
#3	5.312194	36.52871	.1787157	.0037438	.983702	.2057878	2.298712

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.65418	.7167878	-.313528	.0020474	.9788714	3.784723	.0132611
Stddev	.04218	.0030124	.000904	.0002491	.0069966	.006919	.0010687
%RSD	.2694597	.4202647	.2883663	12.16577	.7147604	.1828049	8.058991

#1	15.61032	.7171788	-.313573	.0018478	.9865176	3.784854	.0138840
#2	15.65776	.7195856	-.314408	.0023265	.9773073	3.791575	.0120271
#3	15.69446	.7135990	-.312602	.0019677	.9727892	3.777740	.0138723

Sample Name: I4801-03 Acquired: 8/21/2017 16:18:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METHC0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7876468	.0068756	.0288600
Stddev	.0017178	.0000519	.0001224
%RSD	.2180914	.7540912	.4240249

#1	.7856776	.0069279	.0287508
#2	.7888379	.0068747	.0289923
#3	.7884247	.0068242	.0288370

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1039.476	1857.637	40560.50	9036.584	2673.604
Stddev	8.470	3.539	211.48	29.383	4.935
%RSD	.8148374	.1905310	.5214053	.3251579	.1845710

#1	1030.002	1858.706	40325.05	9025.192	2671.203
#2	1046.317	1853.686	40734.33	9014.602	2670.330
#3	1042.108	1860.519	40622.11	9069.957	2679.280

Sample Name: CCV037 Acquired: 8/21/2017 16:22:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.033042	4.718763	24.40856	4.967729	5.050116	402.2945
Stddev	.043152	.014854	.09629	.026342	.022812	2.1570
%RSD	.8573822	.3147897	.3944861	.5302639	.4517102	.5361664

#1	4.998846	4.715437	24.49092	4.961855	5.031202	401.6655
#2	5.081526	4.734998	24.43206	4.996513	5.075450	400.5220
#3	5.018753	4.705853	24.30270	4.944821	5.043697	404.6961

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.26619	.5125783	2.501347	407.2996	14.84542	2.508493
Stddev	.12682	.0020677	.010532	1.5565	.04563	.011061
%RSD	1.235346	.4033880	.4210492	.3821626	.3073345	.4409458

#1	10.34473	.5148907	2.510326	408.2646	14.79283	2.518065
#2	10.33396	.5119368	2.503961	405.5039	14.86889	2.511031
#3	10.11988	.5109074	2.489754	408.1303	14.87453	2.496384

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.52533	408.2596	14.50002	407.1213	2.492004	1.303827
Stddev	.08115	1.3111	.06410	.9629	.006802	.002034
%RSD	.5227019	.3211541	.4420789	.2365244	.2729614	.1560266

#1	15.43260	408.6343	14.51279	407.0766	2.498851	1.301487
#2	15.56002	406.8019	14.43050	406.1814	2.491914	1.305172
#3	15.58337	409.3426	14.55678	408.1058	2.485247	1.304822

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	404.7685	2.513479	15.10485	156.0204	F 5.727768	F 4.179069
Stddev	1.6833	.018686	.04784	.6193	.015751	.018109
%RSD	.4158671	.7434255	.3167377	.3969248	.2749928	.4333363

#1	403.0356	2.504058	15.05432	155.3866	5.723681	4.199941
#2	404.8725	2.501379	15.11077	156.0505	5.745160	4.169729
#3	406.3974	2.535000	15.14946	156.6241	5.714464	4.167536

Sample Name: CCV037 Acquired: 8/21/2017 16:22:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV037 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.952978	5.199046	5.027557	5.000414	5.058470	5.508023
Stddev	.011514	.029189	.014761	.014065	.015672	.058176
%RSD	.2324736	.5614252	.2936036	.2812820	.3098148	1.056214

#1	4.950326	5.222885	5.043204	5.015867	5.042598	5.458394
#2	4.965586	5.207759	5.013879	4.997015	5.058878	5.493630
#3	4.943020	5.166492	5.025589	4.988359	5.073933	5.572045

Elem	Sr4077
Units	ppm
Avg	5.341923
Stddev	.019391
%RSD	.3629995

#1	5.350776
#2	5.355307
#3	5.319685

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	781.3967	1398.231	31307.55	7353.187	2010.617
Stddev	.7000	4.190	29.99	23.617	2.953
%RSD	.0895876	.2996639	.0958041	.3211754	.1468751

#1	782.1602	1401.370	31312.14	7328.114	2009.486
#2	781.2450	1393.473	31334.98	7375.012	2008.397
#3	780.7850	1399.850	31275.53	7356.434	2013.969

Sample Name: CCB037 Acquired: 8/21/2017 16:26:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001015	.0014706	-.000491	-.000358	-.000355	-.004757	.0003593
Stddev	.001946	.0007763	.001041	.002824	.000285	.003665	.0003726
%RSD	191.7048	52.78694	212.1679	789.1350	80.21481	77.04190	103.7069

#1	-.002115	.0011082	-.001474	-.003491	-.000309	-.002428	.0007883
#2	-.002162	.0009418	-.000599	.000426	-.000096	-.008982	.0001156
#3	.001232	.0023618	.000600	.001991	-.000660	-.002862	.0001741

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000011	.0000068	-.005478	-.000031	.0000698	.0013113	.0044167
Stddev	.000085	.0001144	.008293	.000359	.0001362	.0005081	.0029067
%RSD	763.9547	1676.863	151.3849	1170.900	195.2799	38.74653	65.81215

#1	-.000082	-.000094	-.011511	-.000061	.0000773	.0015413	.0037528
#2	.000083	-.000017	-.008900	-.000374	-.000070	.0016637	.0018994
#3	-.000035	.000131	.003978	.000343	.000202	.0007289	.0075980

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001927	-.001662	.0002618	-.000186	.0681875	.0006942	-.000842
Stddev	.0002606	.009311	.0002962	.000116	.0352956	.0010136	.003176
%RSD	135.2776	560.2568	113.1372	62.76971	51.76259	146.0091	377.0328

#1	-.000106	-.011352	.0005812	-.000060	.0728391	-.000433	-.002964
#2	.000313	.007216	.0002078	-.000207	.1009267	.000984	.002809
#3	.000371	-.000850	-.000004	-.000290	.0307967	.001531	-.002372

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.551405	-.000237	.0041553	.0005969	-.033483	-.000460	.0005978
Stddev	.019368	.000009	.0004681	.0002598	.002107	.000189	.0004339
%RSD	3.512435	3.839518	11.26582	43.53222	6.293016	41.16823	72.58457

#1	-.534944	-.000233	.0046852	.0008266	-.032611	-.000447	.0001007
#2	-.572746	-.000247	.0039826	.0003149	-.035886	-.000277	.0009006
#3	-.546525	-.000231	.0037980	.0006491	-.031952	-.000655	.0007922

Sample Name: CCB037 Acquired: 8/21/2017 16:26:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB037 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000202	-.000746	.0001053
Stddev	.000787	.000003	.0000019
%RSD	389.3147	.4603961	1.760630

#1	-.000864	-.000743	.0001074
#2	.000668	-.000750	.0001047
#3	-.000410	-.000746	.0001038

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1003.427	1815.943	39307.09	8352.749	3268.325
Stddev	2.520	26.194	33.69	19.551	42.695
%RSD	.2511295	1.442462	.0856971	.2340609	1.306329

#1	1003.220	1792.974	39270.90	8334.612	3231.505
#2	1001.017	1810.385	39337.54	8373.458	3258.342
#3	1006.044	1844.471	39312.82	8350.176	3315.127

Sample Name: I4801-04 Acquired: 8/21/2017 16:30:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1940338	-.015498	.4263509	-.002063	.0255607	81.42815
Stddev	.0033135	.005707	.0016175	.003462	.0018565	.14945
%RSD	1.707692	36.82104	.3793713	167.8168	7.263126	.1835388

#1	.1920481	-.017366	.4255270	.000804	.0239759	81.60036
#2	.1921944	-.009092	.4282144	-.001084	.0251029	81.35176
#3	.1978590	-.020037	.4253113	-.005909	.0276032	81.33234

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.809027	.0075620	.0450351	F 714.8812	.0720765	.1148926
Stddev	.002686	.0001442	.0007889	6.4572	.0015358	.0012356
%RSD	.1484737	1.907398	1.751654	.9032497	2.130837	1.075400

#1	1.811395	.0077088	.0441355	715.9480	.0708392	.1134814
#2	1.809577	.0075567	.0456087	720.7386	.0715948	.1154167
#3	1.806109	.0074205	.0453611	707.9571	.0737954	.1157798

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.332900	168.4801	5.084712	69.52696	.2516873	.0873518
Stddev	.013559	.4871	.016898	.23491	.0041813	.0008495
%RSD	.2542559	.2891009	.3323243	.3378706	1.661304	.9725409

#1	5.348538	169.0219	5.099437	69.72148	.2470684	.0868582
#2	5.324412	168.3400	5.088435	69.59343	.2527793	.0868645
#3	5.325750	168.0784	5.066262	69.26598	.2552142	.0883328

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.957182	.2094468	10.64404	17.29673	.8764915	-.410471
Stddev	.028719	.0006576	.12820	.04063	.0113808	.002040
%RSD	.4820820	.3139830	1.204401	.2349134	1.298454	.4968986

#1	5.927012	.2087214	10.60567	17.31255	.8633522	-.408891
#2	5.960348	.2100039	10.53942	17.32708	.8828563	-.409749
#3	5.984187	.2096150	10.78705	17.25057	.8832661	-.412774

Sample Name: I4801-04 Acquired: 8/21/2017 16:30:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHC1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131774	5.058863	4.080123	.0425175	1.104384	.0118895
Stddev	.0003730	.071793	.010481	.0007517	.000524	.0000909
%RSD	2.830790	1.419147	.2568833	1.768077	.0474673	.7642688

#1	.0127711	4.975970	4.088476	.0416602	1.104152	.0118973
#2	.0132566	5.101199	4.083530	.0430642	1.104984	.0117949
#3	.0135044	5.099419	4.068362	.0428282	1.104016	.0119762

Elem	Sr4077
Units	ppm
Avg	.1538865
Stddev	.0003385
%RSD	.2199388

#1	.1542621
#2	.1537922
#3	.1536052

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	938.8774	1683.246	36546.90	8483.277	2243.251
Stddev	8.8214	13.978	364.05	43.192	24.041
%RSD	.9395705	.8304005	.9961260	.5091433	1.071717

#1	937.9606	1699.330	36672.79	8440.723	2270.992
#2	948.1215	1674.044	36831.31	8482.028	2228.499
#3	930.5503	1676.363	36136.61	8527.080	2230.260

Sample Name: I4801-05 Acquired: 8/21/2017 16:34:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0839602	-.008438	3.855422	-.008515	.0060296	81.39360
Stddev	.0036336	.003190	.011906	.000959	.0012401	.59686
%RSD	4.327748	37.80678	.3088244	11.26031	20.56736	.7333016

#1	.0806596	-.011628	3.864243	-.008235	.0046130	81.55828
#2	.0878538	-.005248	3.860146	-.007728	.0069192	81.89084
#3	.0833671	-.008439	3.841879	-.009583	.0065566	80.73169

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.939094	.0087133	.0877992	F 743.4158	.3486910	.0894798
Stddev	.019130	.0000708	.0005262	3.9572	.0023367	.0005408
%RSD	.9865354	.8129833	.5993343	.5322931	.6701314	.6043299

#1	1.943781	.0087829	.0875555	745.8634	.3462544	.0892525
#2	1.955444	.0086413	.0884031	738.8505	.3489056	.0890899
#3	1.918056	.0087156	.0874391	745.5336	.3509129	.0900971

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4688821	211.5969	10.86206	97.26074	.2352180	.0053549
Stddev	.0022664	.5088	.02931	.23764	.0016689	.0002167
%RSD	.4833658	.2404758	.2697958	.2443353	.7095202	4.046629

#1	.4681176	212.0633	10.87730	97.28767	.2362985	.0051807
#2	.4714319	211.0542	10.82827	97.48376	.2360597	.0052864
#3	.4670968	211.6733	10.88061	97.01077	.2332958	.0055976

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.814122	.6158880	4.834587	17.21178	1.379764	-.540349
Stddev	.015732	.0033647	.050224	.20239	.008458	.001891
%RSD	.5590212	.5463113	1.038845	1.175896	.6130310	.3498693

#1	2.817853	.6188231	4.778064	17.28222	1.383383	-.540025
#2	2.796860	.6166249	4.874088	17.36954	1.385812	-.542381
#3	2.827652	.6122159	4.851608	16.98358	1.370099	-.538642

Sample Name: I4801-05 Acquired: 8/21/2017 16:34:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHC2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086298	8.230180	6.707017	.0277597	1.082908	.0112538
Stddev	.0001105	.004819	.028691	.0016429	.005676	.0001776
%RSD	1.280472	.0585549	.4277793	5.918115	.5240985	1.577942

#1	.0086315	8.235599	6.725309	.0260856	1.085126	.0113562
#2	.0085184	8.228566	6.673950	.0293694	1.087140	.0113563
#3	.0087394	8.226375	6.721793	.0278242	1.076458	.0110487

Elem	Sr4077
Units	ppm
Avg	.1129043
Stddev	.0007116
%RSD	.6302830

#1	.1131850
#2	.1134327
#3	.1120951

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	945.2860	1671.937	37099.22	8505.647	2186.893
Stddev	6.8756	4.806	180.71	30.345	8.808
%RSD	.7273578	.2874427	.4870943	.3567622	.4027622

#1	950.6355	1675.330	37222.22	8470.620	2188.771
#2	937.5308	1666.438	36891.75	8522.358	2177.297
#3	947.6917	1674.044	37183.69	8523.963	2194.610

Sample Name: I4801-06 Acquired: 8/21/2017 16:39:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0695792	-.022762	1.741081	-.009762	.0065637	81.06546	1.686963
Stddev	.0045942	.001403	.003393	.005043	.0016680	.05961	.002955
%RSD	6.602798	6.163277	.1948801	51.65731	25.41246	.0735289	.1751448

#1	.0741743	-.021266	1.740285	-.006881	.0082606	81.13099	1.684979
#2	.0649859	-.024048	1.738156	-.006820	.0065043	81.01447	1.685553
#3	.0695773	-.022972	1.744801	-.015585	.0049262	81.05092	1.690359

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089571	.0401625	207.1361	.1534930	.0968686	.4559320	268.2748
Stddev	.0000726	.0002772	.5214	.0010239	.0005527	.0014178	.2458
%RSD	.8106509	.6902196	.2517086	.6670849	.5706087	.3109726	.0916370

#1	.0088807	.0400669	207.4775	.1546578	.0967651	.4548548	268.3146
#2	.0089654	.0399458	207.3947	.1530864	.0963750	.4575383	268.4983
#3	.0090252	.0404749	206.5359	.1527349	.0974658	.4554030	268.0115

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.845479	61.52924	.2496453	.0307794	2.042156	.2708697	2.309969
Stddev	.010409	.17912	.0017472	.0002286	.046973	.0020364	.015532
%RSD	.1780610	.2911203	.6998703	.7427314	2.300146	.7517873	.6723753

#1	5.855913	61.62664	.2488804	.0305350	2.009402	.2725666	2.327052
#2	5.845428	61.32252	.2484110	.0309880	2.021093	.2686116	2.306158
#3	5.835096	61.63857	.2516445	.0308151	2.095974	.2714310	2.296698

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.77346	1.148598	-.711790	.0047080	3.876550	3.622919	.0803699
Stddev	.05045	.003823	.002781	.0002864	.021737	.011678	.0020342
%RSD	.3662751	.3328491	.3907691	6.082397	.5607369	.3223296	2.531059

#1	13.79160	1.145128	-.711113	.0044392	3.866754	3.624376	.0781956
#2	13.71645	1.147970	-.714847	.0050092	3.861435	3.633800	.0822266
#3	13.81233	1.152696	-.709409	.0046756	3.901462	3.610581	.0806875

Sample Name: I4801-06 Acquired: 8/21/2017 16:39:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHC3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9460682	.0093445	.0424515
Stddev	.0027709	.0000400	.0000784
%RSD	.2928915	.4276053	.1846166

#1	.9461048	.0093382	.0423897
#2	.9488206	.0093872	.0424251
#3	.9432791	.0093080	.0425397

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1009.860	1789.575	39591.76	8949.013	2440.274
Stddev	2.020	.712	28.26	26.571	5.263
%RSD	.2000242	.0397885	.0713661	.2969205	.2156674

#1	1009.908	1789.112	39582.42	8958.075	2442.395
#2	1011.856	1790.395	39623.50	8919.096	2444.145
#3	1007.816	1789.218	39569.36	8969.868	2434.281

Sample Name: I4801-07 Acquired: 8/21/2017 16:43:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0599378	-.013613	.8053071	-.007285	.0054766	76.87805	1.486027
Stddev	.0023454	.003065	.0010749	.002753	.0030811	.15361	.006420
%RSD	3.913048	22.51519	.1334768	37.79689	56.26037	.1998110	.4320214

#1	.0603314	-.011298	.8062541	-.010314	.0069319	76.92060	1.484692
#2	.0574206	-.017089	.8055284	-.006608	.0019373	77.00589	1.493009
#3	.0620616	-.012451	.8041387	-.004933	.0075604	76.70765	1.480379

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069788	.0335317	208.1076	.1233113	.0964264	.4160341	161.7871
Stddev	.0001273	.0000363	1.3412	.0010672	.0003156	.0031057	.6925
%RSD	1.823860	.1082211	.6444899	.8654412	.3272430	.7464947	.4280548

#1	.0068611	.0335211	209.1755	.1244510	.0965649	.4179286	162.3751
#2	.0071139	.0335721	206.6022	.1223356	.0966490	.4177239	161.0238
#3	.0069614	.0335019	208.5450	.1231474	.0960653	.4124500	161.9625

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.391258	90.57848	.2261585	.0037765	1.616635	.2580537	1.955871
Stddev	.031854	.24076	.0008289	.0000552	.108519	.0012336	.020774
%RSD	.5908389	.2658080	.3664891	1.461535	6.712639	.4780251	1.062117

#1	5.405654	90.78100	.2252413	.0038255	1.705090	.2572867	1.932531
#2	5.354747	90.31227	.2268538	.0037873	1.649273	.2594766	1.972334
#3	5.413372	90.64217	.2263803	.0037167	1.495543	.2573978	1.962747

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.02768	1.004940	-.417028	.0030074	1.807969	6.655222	.0117712
Stddev	.04115	.005450	.002075	.0002336	.007033	.028009	.0007747
%RSD	.3159028	.5423227	.4976250	7.767964	.3889858	.4208638	6.581040

#1	12.99718	1.000440	-.418418	.0029324	1.799906	6.687332	.0122190
#2	13.07449	1.011000	-.418024	.0032693	1.812835	6.635814	.0122180
#3	13.01137	1.003380	-.414643	.0028204	1.811167	6.642521	.0108767

Sample Name: I4801-07 Acquired: 8/21/2017 16:43:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METHC4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.127392	.0094043	.0336823
Stddev	.001383	.0000463	.0001119
%RSD	.1226880	.4921543	.3322202

#1	1.128244	.0093862	.0336635
#2	1.125797	.0094569	.0338024
#3	1.128137	.0093698	.0335809

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1010.424	1794.506	39549.56	9023.412	2444.264
Stddev	5.205	2.868	91.05	34.275	6.957
%RSD	.5151727	.1598250	.2302057	.3798500	.2846218

#1	1015.268	1791.545	39582.13	8984.088	2438.528
#2	1004.920	1794.704	39446.71	9046.950	2442.261
#3	1011.084	1797.270	39619.84	9039.198	2452.003

Sample Name: I4801-08 Acquired: 8/21/2017 16:47:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHC5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0902848	-.008215	.7746434	-.003348	.0058610	81.92714	2.400615
Stddev	.0060779	.003291	.0061043	.004802	.0023090	.68438	.017126
%RSD	6.731913	40.05706	.7880183	143.4478	39.39563	.8353547	.7134018

#1	.0836770	-.012005	.7743786	-.008131	.0062432	82.46740	2.414944
#2	.0915406	-.006084	.7686758	.001473	.0079551	82.15647	2.405252
#3	.0956366	-.006556	.7808758	-.003385	.0033848	81.15754	2.381647

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078029	.0648316	66.12380	.1161616	.1121241	.5075306	151.5673
Stddev	.0000988	.0005045	.44305	.0003949	.0009633	.0037499	.9914
%RSD	1.265587	.7781128	.6700274	.3399220	.8591682	.7388606	.6541115

#1	.0079169	.0648658	66.40470	.1163125	.1115762	.5117130	152.1513
#2	.0077464	.0643109	66.35364	.1164587	.1115597	.5064102	152.1281
#3	.0077453	.0653181	65.61306	.1157135	.1132364	.5044685	150.4226

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.100030	34.46462	.2153957	.0044236	1.275210	.2500895	2.781994
Stddev	.047144	.28316	.0017980	.0000333	.073485	.0040273	.022250
%RSD	.6640025	.8215908	.8347348	.7516226	5.762610	1.610363	.7997842

#1	7.132550	34.67722	.2140004	.0044520	1.348704	.2518389	2.804280
#2	7.121577	34.57344	.2147619	.0043870	1.275194	.2529463	2.759780
#3	7.045962	34.14319	.2174247	.0044316	1.201733	.2454833	2.781921

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.42708	.9292791	-.389736	.0033597	1.693613	3.562924	.0171174
Stddev	.18683	.0090555	.002964	.0003262	.024474	.009705	.0008299
%RSD	1.072063	.9744655	.7605009	9.710199	1.445080	.2723856	4.848168

#1	17.54792	.9252471	-.392243	.0029832	1.678156	3.570158	.0177717
#2	17.52143	.9229398	-.390501	.0035572	1.680853	3.566718	.0173967
#3	17.21189	.9396503	-.386465	.0035389	1.721831	3.551895	.0161840

Sample Name: I4801-08 Acquired: 8/21/2017 16:47:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METHC5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7511825	.0083829	.0370510
Stddev	.0064355	.0001131	.0002820
%RSD	.8567217	1.348974	.7611271

#1	.7547430	.0085046	.0372751
#2	.7550510	.0083629	.0371436
#3	.7437535	.0082811	.0367344

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1052.143	1876.521	41031.11	9210.727	2611.757
Stddev	12.324	15.920	75.13	47.651	26.100
%RSD	1.171366	.8483600	.1830964	.5173399	.9993106

#1	1038.625	1881.479	40946.19	9176.327	2623.152
#2	1062.755	1889.371	41058.26	9190.737	2630.222
#3	1055.048	1858.712	41088.89	9265.117	2581.898

Sample Name: I4801-09 Acquired: 8/21/2017 16:51:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0649004	-.010517	4.030182	-.007633	.0054456	72.32737	1.661830
Stddev	.0042934	.002035	.017912	.002022	.0012289	.22244	.001097
%RSD	6.615436	19.34640	.4444550	26.48638	22.56742	.3075487	.0660364

#1	.0612373	-.011453	4.014846	-.005298	.0061744	72.51022	1.662462
#2	.0696250	-.008182	4.025832	-.008803	.0040267	72.07972	1.660563
#3	.0638388	-.011914	4.049869	-.008797	.0061356	72.39216	1.662465

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070453	.0387866	389.0584	.2207194	.0797552	.5347479	180.5806
Stddev	.0001554	.0006270	1.7028	.0011091	.0005994	.0023950	.8335
%RSD	2.205671	1.616398	.4376781	.5025046	.7515992	.4478777	.4615696

#1	.0071382	.0383288	390.2352	.2194726	.0796184	.5360684	181.3513
#2	.0068659	.0385298	387.1058	.2215962	.0792360	.5319833	179.6960
#3	.0071318	.0395012	389.8342	.2210896	.0804113	.5361921	180.6944

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.669693	83.72470	.2140081	.0100212	1.641094	.3862851	3.155678
Stddev	.030112	.40001	.0017673	.0001461	.066524	.0047620	.015466
%RSD	.4514784	.4777651	.8258061	1.457391	4.053611	1.232767	.4900925

#1	6.694560	84.09832	.2124455	.0098889	1.717904	.3904402	3.138232
#2	6.636212	83.30271	.2136527	.0101779	1.601974	.3873265	3.161094
#3	6.678306	83.77306	.2159260	.0099967	1.603404	.3810886	3.167707

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.92161	1.479919	-.428403	.0069149	6.305928	12.21261	.0196686
Stddev	.06092	.008902	.001840	.0002387	.030609	.05853	.0011057
%RSD	.3826015	.6015472	.4294718	3.452039	.4854038	.4792769	5.621620

#1	15.99169	1.474589	-.430522	.0066396	6.282121	12.27992	.0187583
#2	15.88127	1.474971	-.427214	.0070631	6.295207	12.17362	.0193484
#3	15.89189	1.490196	-.427473	.0070422	6.340455	12.18429	.0208990

Sample Name: I4801-09 Acquired: 8/21/2017 16:51:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHC6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.125278	.0087497	.0705280
Stddev	.001783	.0000347	.0001227
%RSD	.1584571	.3970787	.1740110

#1	1.127189	.0087892	.0706553
#2	1.123658	.0087239	.0704104
#3	1.124989	.0087360	.0705183

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	953.1332	1694.851	37562.82	8605.608	2317.836
Stddev	4.5114	2.741	161.90	37.875	6.041
%RSD	.4733224	.1617337	.4310153	.4401157	.2606510

#1	956.3231	1694.141	37438.45	8562.407	2319.412
#2	947.9716	1697.877	37504.13	8633.101	2322.934
#3	955.1049	1692.534	37745.88	8621.317	2311.163

Sample Name: I4801-10 Acquired: 8/21/2017 16:55:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHC7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0740249	-.012797	4.227834	-.008707	.0038462	67.13527
Stddev	.0044334	.005816	.008895	.000439	.0014549	.14142
%RSD	5.989023	45.44890	.2103932	5.039223	37.82719	.2106521

#1	.0696330	-.011134	4.222357	-.008736	.0043062	66.98144
#2	.0739430	-.019263	4.223048	-.009130	.0050156	67.25966
#3	.0784986	-.007993	4.238098	-.008254	.0022169	67.16469

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.436530	.0068194	.0355875	F 897.7848	.1860936	.0751101
Stddev	.003002	.0000967	.0002032	1.3487	.0009282	.0002321
%RSD	.2089496	1.418805	.5709448	.1502210	.4988026	.3089638

#1	1.433327	.0068343	.0353547	897.8824	.1851632	.0749507
#2	1.439279	.0067160	.0357295	899.0820	.1870197	.0753764
#3	1.436982	.0069078	.0356781	896.3900	.1860979	.0750034

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3405787	160.3823	6.547840	172.3275	.2034796	.0035916
Stddev	.0031731	.3649	.018307	.4035	.0006950	.0002412
%RSD	.9316654	.2274924	.2795850	.2341209	.3415531	6.715406

#1	.3370860	160.0095	6.531823	171.8621	.2039601	.0036820
#2	.3432836	160.7387	6.567796	172.5782	.2026827	.0033183
#3	.3413665	160.3986	6.543901	172.5422	.2037961	.0037746

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.412782	.3238910	2.443688	13.30096	1.023535	-.381596
Stddev	.071169	.0009599	.012078	.06035	.001654	.001436
%RSD	2.949661	.2963561	.4942325	.4537534	.1616084	.3764372

#1	2.445701	.3230722	2.457528	13.23191	1.021968	-.382946
#2	2.331113	.3236535	2.438251	13.32727	1.025265	-.381757
#3	2.461532	.3249473	2.435285	13.34368	1.023373	-.380086

Sample Name: I4801-10 Acquired: 8/21/2017 16:55:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHC7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082051	7.227351	10.72083	.0193428	1.007463	.0103719
Stddev	.0005169	.025824	.05585	.0014381	.001112	.0000674
%RSD	6.299373	.3573066	.5209033	7.434577	.1103506	.6497645

#1	.0082448	7.243490	10.66386	.0196978	1.006371	.0103700
#2	.0087010	7.240996	10.77548	.0205702	1.008593	.0103055
#3	.0076695	7.197567	10.72314	.0177605	1.007426	.0104402

Elem	Sr4077
Units	ppm
Avg	.1413006
Stddev	.0001136
%RSD	.0804224

#1	.1412280
#2	.1412422
#3	.1414316

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	924.2538	1629.143	36118.03	8399.947	2138.797
Stddev	1.0417	3.008	92.18	15.701	3.215
%RSD	.1127112	.1846349	.2552235	.1869159	.1503173

#1	923.8707	1629.126	36161.25	8407.290	2137.971
#2	923.4580	1632.159	36012.19	8381.920	2142.345
#3	925.4329	1626.143	36180.67	8410.630	2136.076

Sample Name: I4801-11 Acquired: 8/21/2017 16:59:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHC8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0700256	-.011463	2.972654	-.004660	.0032822	76.22326
Stddev	.0014150	.004046	.040383	.002114	.0011007	.34126
%RSD	2.020730	35.29691	1.358499	45.36591	33.53592	.4477149

#1	.0698380	-.012793	2.927289	-.004406	.0037337	76.54213
#2	.0715251	-.006920	3.004680	-.006889	.0040853	76.26435
#3	.0687137	-.014677	2.985994	-.002684	.0020275	75.86332

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.703761	.0076050	.0407907	F 882.9105	.1918016	.0791800
Stddev	.008713	.0001404	.0006845	7.9021	.0011732	.0011266
%RSD	.5114060	1.846135	1.678132	.8950007	.6116673	1.422831

#1	1.711266	.0074603	.0400027	892.0307	.1904877	.0778880
#2	1.705812	.0077407	.0411317	878.5939	.1921729	.0799573
#3	1.694206	.0076141	.0412378	878.1069	.1927442	.0796947

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3690523	147.1555	6.569285	243.4893	.2029978	.0037605
Stddev	.0010365	.8655	.043496	1.2767	.0024474	.0004613
%RSD	.2808624	.5881273	.6621125	.5243308	1.205612	12.26700

#1	.3697539	148.1538	6.617455	244.9194	.2001718	.0039152
#2	.3695413	146.6166	6.532886	242.4642	.2043967	.0041246
#3	.3678618	146.6960	6.557513	243.0844	.2044247	.0032418

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.751218	.2957244	2.476498	16.17751	1.153802	-.352341
Stddev	.150252	.0029888	.002476	.07041	.017976	.000366
%RSD	5.461299	1.010659	.0999920	.4352304	1.557982	.1038490

#1	2.816250	.2979121	2.479341	16.25555	1.133070	-.352114
#2	2.857999	.2923190	2.475339	16.15823	1.165048	-.352763
#3	2.579404	.2969421	2.474814	16.11875	1.163288	-.352147

Sample Name: I4801-11 Acquired: 8/21/2017 16:59:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHC8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095654	7.958643	10.40791	.0181431	.8895679	.0118223
Stddev	.0005830	.137683	.00703	.0026671	.0012594	.0000772
%RSD	6.095123	1.729980	.0675474	14.70038	.1415734	.6528759

#1	.0090727	7.799923	10.41532	.0199877	.8909824	.0118658
#2	.0102090	8.045916	10.40133	.0193566	.8891528	.0118680
#3	.0094143	8.030090	10.40709	.0150850	.8885684	.0117332

Elem	Sr4077
Units	ppm
Avg	.1322979
Stddev	.0003623
%RSD	.2738358

#1	.1326137
#2	.1323777
#3	.1319024

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	906.6286	1607.245	35595.94	8329.802	2100.970
Stddev	3.6033	11.411	53.17	37.564	17.071
%RSD	.3974384	.7099952	.1493576	.4509544	.8125347

#1	902.8502	1620.031	35586.22	8286.552	2120.561
#2	910.0266	1603.610	35653.30	8354.265	2093.060
#3	907.0088	1598.094	35548.31	8348.591	2089.288

Sample Name: I4801-12 Acquired: 8/21/2017 17:03:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0739945	-.010783	2.173359	-.007013	.0051257	79.81867	1.943390
Stddev	.0045448	.002111	.014018	.006572	.0030242	.12551	.002816
%RSD	6.142142	19.57325	.6449734	93.70824	59.00075	.1572488	.1448918

#1	.0717145	-.013221	2.178030	-.007587	.0066370	79.71726	1.940466
#2	.0710410	-.009568	2.157603	-.013278	.0070963	79.95905	1.946084
#3	.0792280	-.009562	2.184445	-.000173	.0016437	79.77972	1.943619

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074925	.0467583	335.8501	.1375130	.1029634	.2850865	157.1141
Stddev	.0000374	.0004246	1.1845	.0003545	.0009948	.0011987	.4984
%RSD	.4992548	.9080197	.3526802	.2578107	.9661793	.4204564	.3172164

#1	.0074507	.0471729	335.3227	.1379223	.1024409	.2838222	156.9615
#2	.0075226	.0463244	337.2067	.1373040	.1023386	.2862065	157.6710
#3	.0075044	.0467777	335.0210	.1373126	.1041105	.2852309	156.7099

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.359753	51.65055	.2011427	.0030030	1.380271	.2692740	2.345109
Stddev	.019163	.10032	.0015635	.0002375	.072067	.0011134	.004000
%RSD	.2603694	.1942215	.7773242	7.906916	5.221210	.4134917	.1705699

#1	7.362193	51.65631	.2016445	.0032772	1.297299	.2694416	2.342319
#2	7.377579	51.74786	.1993899	.0028641	1.427272	.2680862	2.343316
#3	7.339488	51.54747	.2023937	.0028678	1.416241	.2702941	2.349692

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.09424	.9051367	-.402556	.0029905	2.388891	7.644982	.0118489
Stddev	.03589	.0024923	.002976	.0005172	.013362	.042454	.0011632
%RSD	.2099748	.2753564	.7391927	17.29543	.5593521	.5553163	9.816747

#1	17.10458	.9061103	-.400993	.0035683	2.393804	7.642866	.0108063
#2	17.05431	.9023045	-.405988	.0025709	2.373768	7.688454	.0131035
#3	17.12382	.9069954	-.400689	.0028323	2.399101	7.603626	.0116368

Sample Name: I4801-12 Acquired: 8/21/2017 17:03:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METHC9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8276112	.0089767	.0702388
Stddev	.0002666	.0000191	.0000521
%RSD	.0322143	.2128794	.0741423

#1	.8275615	.0089568	.0701800
#2	.8273729	.0089783	.0702792
#3	.8278991	.0089949	.0702573

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	988.5932	1760.359	38715.66	8781.348	2397.056
Stddev	7.5484	11.625	122.40	32.824	16.191
%RSD	.7635513	.6603955	.3161571	.3737946	.6754550

#1	986.2277	1757.739	38707.48	8775.671	2391.538
#2	997.0411	1773.070	38841.94	8751.733	2415.285
#3	982.5108	1750.267	38597.55	8816.641	2384.345

Sample Name: I4801-13 Acquired: 8/21/2017 17:07:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0872374	-.013321	.7590731	-.006170	.0047371	96.44469	2.196458
Stddev	.0010981	.003526	.0015084	.002064	.0008288	.05790	.003106
%RSD	1.258788	26.47322	.1987108	33.45163	17.49624	.0600310	.1414054

#1	.0882281	-.009399	.7602056	-.006528	.0045836	96.50953	2.199018
#2	.0874276	-.014331	.7573609	-.003951	.0056320	96.42636	2.197351
#3	.0860566	-.016231	.7596528	-.008033	.0039958	96.39817	2.193003

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084814	.0450416	86.81565	.1297956	.1282601	.2945884	170.6718
Stddev	.0000548	.0003029	.28469	.0003523	.0003730	.0008956	.3570
%RSD	.6464180	.6724759	.3279276	.2714522	.2908109	.3040259	.2091949

#1	.0085307	.0453857	86.51229	.1300617	.1286530	.2937244	170.2724
#2	.0084913	.0448154	86.85766	.1293960	.1279109	.2945283	170.7833
#3	.0084224	.0449237	87.07701	.1299290	.1282164	.2955126	170.9598

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.888638	40.25578	.2402366	.0031744	1.262276	.2764961	2.056083
Stddev	.019082	.08731	.0004520	.0002881	.045712	.0034860	.007622
%RSD	.2418898	.2168779	.1881657	9.077472	3.621359	1.260762	.3707101

#1	7.873029	40.25722	.2398541	.0033355	1.210185	.2744925	2.047438
#2	7.882975	40.16777	.2401204	.0033459	1.280947	.2744744	2.058976
#3	7.909910	40.34236	.2407354	.0028417	1.295697	.2805213	2.061836

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.59779	.8089222	-.435087	.0018293	1.581678	10.92979	.0156125
Stddev	.05000	.0016151	.001478	.0001257	.010337	.02518	.0005264
%RSD	.2551220	.1996580	.3396331	6.873703	.6535180	.2303719	3.371462

#1	19.55092	.8103619	-.436745	.0016843	1.593497	10.92070	.0152705
#2	19.65042	.8071757	-.433909	.0019083	1.577205	10.91041	.0153484
#3	19.59202	.8092288	-.434607	.0018954	1.574330	10.95825	.0162186

Sample Name: I4801-13 Acquired: 8/21/2017 17:07:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METHD0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7795681	.0102088	.0397766
Stddev	.0037221	.0000189	.0000265
%RSD	.4774536	.1854844	.0665580

#1	.7835251	.0102287	.0398059
#2	.7790423	.0102068	.0397696
#3	.7761369	.0101910	.0397544

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1043.707	1866.248	41053.91	9228.154	2556.303
Stddev	1.104	6.979	40.14	17.380	13.346
%RSD	.1057493	.3739714	.0977654	.1883414	.5220671

#1	1042.544	1858.219	41092.41	9236.445	2543.672
#2	1043.839	1870.864	41057.02	9239.837	2570.264
#3	1044.739	1869.661	41012.32	9208.181	2554.974

Sample Name: I4801-14 Acquired: 8/21/2017 17:11:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0629300	-.014481	2.739280	-.004491	.0054970	74.62666	1.904889
Stddev	.0043332	.000635	.013620	.002724	.0004671	.10601	.004011
%RSD	6.885768	4.381936	.4972271	60.65758	8.497429	.1420589	.2105381

#1	.0590607	-.015213	2.730007	-.004902	.0051217	74.65535	1.900263
#2	.0621172	-.014136	2.732917	-.001585	.0053492	74.71538	1.907393
#3	.0676121	-.014094	2.754918	-.006986	.0060202	74.50926	1.907011

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075214	.0468324	89.90229	.1048491	.0861199	.4574717	162.6629
Stddev	.0000959	.0001986	.41824	.0010247	.0005075	.0021216	.5314
%RSD	1.275025	.4239875	.4652203	.9773516	.5892848	.4637716	.3266781

#1	.0074566	.0470531	90.37981	.1052232	.0855345	.4590279	163.2612
#2	.0074760	.0466682	89.60105	.1056343	.0864345	.4583323	162.2461
#3	.0076315	.0467757	89.72600	.1036899	.0863908	.4550550	162.4813

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.105159	38.28203	.2083079	.0051519	1.361675	.2117865	3.426271
Stddev	.019841	.14482	.0003106	.0003298	.088193	.0037677	.024033
%RSD	.4833218	.3783076	.1490866	6.401690	6.476788	1.779010	.7014210

#1	4.127984	38.44706	.2083516	.0049459	1.278650	.2160826	3.423907
#2	4.092028	38.17609	.2079778	.0055322	1.454257	.2102328	3.451398
#3	4.095467	38.22295	.2085943	.0049774	1.352118	.2090442	3.403507

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.90118	.7496013	-.412377	.0032513	2.401751	3.566819	.0280286
Stddev	.12504	.0054194	.001294	.0001798	.023910	.008286	.0012915
%RSD	.8391603	.7229717	.3137223	5.530222	.9955219	.2323022	4.607771

#1	14.82613	.7442420	-.413022	.0031403	2.377659	3.572030	.0266313
#2	15.04553	.7494830	-.413222	.0031549	2.402120	3.557265	.0291784
#3	14.83187	.7550789	-.410888	.0034588	2.425475	3.571163	.0282761

Sample Name: I4801-14 Acquired: 8/21/2017 17:11:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5696257	.0093817	.0388332
Stddev	.0011289	.0000536	.0000251
%RSD	.1981764	.5708789	.0646498

#1	.5700681	.0093204	.0388081
#2	.5683427	.0094195	.0388584
#3	.5704664	.0094051	.0388331

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1036.021	1840.622	40568.93	9086.738	2582.332
Stddev	11.268	4.109	143.23	37.778	8.044
%RSD	1.087589	.2232511	.3530533	.4157458	.3114828

#1	1026.372	1845.096	40407.42	9048.604	2589.640
#2	1033.287	1839.754	40618.88	9087.463	2583.642
#3	1048.405	1837.016	40680.50	9124.149	2573.714

Sample Name: I4801-15 Acquired: 8/21/2017 17:15:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0731565	-.012738	5.087553	-.006622	.0083750	90.87590	2.676400
Stddev	.0035501	.002144	.006904	.003809	.0009494	.12925	.003728
%RSD	4.852766	16.82942	.1357011	57.51275	11.33626	.1422239	.1392960

#1	.0721465	-.010422	5.093086	-.002678	.0094356	90.73211	2.674472
#2	.0702209	-.013137	5.079817	-.006909	.0080853	90.91319	2.680697
#3	.0771022	-.014654	5.089757	-.010279	.0076042	90.98241	2.674030

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096384	.0850825	68.76834	.1075123	.1040406	3.818767	183.6270
Stddev	.0001516	.0002882	.40709	.0001154	.0009419	.004701	.8188
%RSD	1.573242	.3387938	.5919664	.1072929	.9052666	.1231040	.4459072

#1	.0094822	.0852932	68.36454	.1073920	.1029584	3.824174	182.7115
#2	.0096479	.0852002	68.76186	.1076220	.1046746	3.816482	183.8805
#3	.0097850	.0847540	69.17863	.1075227	.1044889	3.815646	184.2891

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.941960	29.91673	.2747202	.0048944	2.338982	.2555939	7.863929
Stddev	.019183	.14544	.0018824	.0003210	.027440	.0006418	.024842
%RSD	.3881689	.4861382	.6851947	6.557805	1.173172	.2511068	.3158965

#1	4.921499	29.76234	.2729560	.0046570	2.321138	.2562718	7.890486
#2	4.944841	29.93670	.2767018	.0047665	2.370579	.2549956	7.841261
#3	4.959540	30.05115	.2745027	.0052596	2.325230	.2555143	7.860041

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.40952	.8488707	-.354906	.0103859	3.113269	5.060972	.1092457
Stddev	.01511	.0022483	.000799	.0003472	.004553	.017562	.0009472
%RSD	.0980429	.2648570	.2250495	3.343174	.1462426	.3470076	.8670819

#1	15.42687	.8465650	-.354435	.0104048	3.108332	5.046082	.1090628
#2	15.39926	.8489904	-.354455	.0100296	3.114173	5.080339	.1084033
#3	15.40243	.8510568	-.355828	.0107233	3.117303	5.056494	.1102711

Sample Name: I4801-15 Acquired: 8/21/2017 17:15:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7993657	.0091169	.0437311
Stddev	.0025481	.0000631	.0000585
%RSD	.3187636	.6922952	.1338008

#1	.7964235	.0091051	.0437238
#2	.8008431	.0091851	.0437930
#3	.8008306	.0090606	.0436766

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1054.605	1888.981	41495.75	9313.038	2599.855
Stddev	5.343	10.482	114.09	28.864	6.739
%RSD	.5066409	.5549107	.2749478	.3099360	.2592052

#1	1048.899	1891.280	41367.60	9346.195	2600.840
#2	1059.490	1898.123	41586.30	9299.391	2606.047
#3	1055.428	1877.540	41533.34	9293.528	2592.677

Sample Name: I4801-16 Acquired: 8/21/2017 17:19:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0651190	-.011678	.6729793	-.005781	.0038002	84.96975	2.296073
Stddev	.0022900	.002800	.0022268	.004661	.0004434	.11165	.001713
%RSD	3.516684	23.97901	.3308819	80.62196	11.66690	.1313951	.0746250

#1	.0662160	-.008445	.6704383	-.008972	.0035649	84.98748	2.296734
#2	.0624868	-.013252	.6739092	-.007939	.0035241	84.85031	2.294128
#3	.0666541	-.013338	.6745904	-.000432	.0043116	85.07148	2.297358

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093703	.0216931	69.03847	.1052626	.1029436	.3932245	160.8370
Stddev	.0000656	.0000213	.32163	.0006457	.0003510	.0004712	.3896
%RSD	.7001055	.0981633	.4658746	.6134486	.3409973	.1198326	.2422407

#1	.0094304	.0216689	68.97697	.1045249	.1026672	.3935955	160.7628
#2	.0093801	.0217089	68.75204	.1055374	.1028252	.3933838	160.4899
#3	.0093003	.0217014	69.38642	.1057255	.1033386	.3926943	161.2584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.665412	29.52598	.2491802	.0031510	1.359366	.2383476	3.094969
Stddev	.015729	.19786	.0018099	.0002837	.067417	.0023121	.001826
%RSD	.2776315	.6701070	.7263465	9.004526	4.959473	.9700460	.0590071

#1	5.656425	29.62448	.2481431	.0033335	1.289757	.2397255	3.093165
#2	5.656237	29.29821	.2481275	.0032955	1.424355	.2356783	3.094925
#3	5.683574	29.65525	.2512701	.0028242	1.363987	.2396391	3.096816

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.45986	.6323574	-.377693	.0117806	4.643011	2.765390	.0177572
Stddev	.03513	.0019138	.000491	.0003374	.014975	.009067	.0013422
%RSD	.2610052	.3026382	.1299865	2.864013	.3225195	.3278736	7.558863

#1	13.47848	.6302316	-.377158	.0115589	4.626858	2.754920	.0187978
#2	13.41934	.6328975	-.377799	.0121689	4.656431	2.770650	.0182316
#3	13.48177	.6339430	-.378122	.0116141	4.645743	2.770599	.0162422

Sample Name: I4801-16 Acquired: 8/21/2017 17:19:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METHD3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6979029	.0089546	.0432269
Stddev	.0013734	.0000411	.0000497
%RSD	.1967885	.4584655	.1150493

#1	.6973507	.0089123	.0431753
#2	.6968916	.0089943	.0432309
#3	.6994665	.0089573	.0432745

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1056.819	1870.002	41312.51	9279.009	2626.136
Stddev	2.413	5.780	83.14	25.402	10.899
%RSD	.2283395	.3091036	.2012435	.2737590	.4150159

#1	1056.100	1867.738	41232.98	9266.800	2628.779
#2	1054.847	1876.571	41305.71	9308.211	2635.471
#3	1059.510	1865.696	41398.84	9262.017	2614.159

Sample Name: I4801-17 Acquired: 8/21/2017 17:23:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0488473	-.009007	.6164228	-.002769	.0034485	87.67584	2.014422
Stddev	.0034336	.004320	.0018452	.003006	.0009382	.05509	.001754
%RSD	7.029343	47.95633	.2993449	108.5382	27.20591	.0628334	.0870836

#1	.0504913	-.004183	.6172862	.000515	.0035501	87.70295	2.014968
#2	.0511500	-.012515	.6176780	-.003440	.0024637	87.71214	2.015839
#3	.0449008	-.010324	.6143041	-.005383	.0043318	87.61245	2.012460

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074199	.0220074	44.52728	.1022156	.0812251	.3307985	145.5645
Stddev	.0000946	.0001372	.07846	.0011181	.0003732	.0013230	.3095
%RSD	1.275101	.6232586	.1762005	1.093866	.4594233	.3999361	.2125930

#1	.0073841	.0221634	44.44133	.1027487	.0815677	.3306477	145.2936
#2	.0075272	.0219057	44.59506	.1009307	.0808275	.3321904	145.9018
#3	.0073484	.0219530	44.54545	.1029673	.0812800	.3295573	145.4981

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.510951	27.38722	.2152510	.0025145	1.376998	.2269152	2.790928
Stddev	.008489	.05148	.0002047	.0003654	.019765	.0025098	.011650
%RSD	.1881757	.1879870	.0951214	14.53242	1.435385	1.106049	.4174204

#1	4.501342	27.32778	.2150610	.0021112	1.362195	.2240172	2.785521
#2	4.514079	27.41722	.2154678	.0026088	1.399443	.2283774	2.782964
#3	4.517432	27.41668	.2152243	.0028236	1.369355	.2283511	2.804299

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.40739	.7218708	-.364289	.0013862	1.470098	17.23077	.0162711
Stddev	.05273	.0021506	.000750	.0003133	.002878	.06831	.0016984
%RSD	.3660013	.2979236	.2059189	22.59712	.1957568	.3964582	10.43822

#1	14.44677	.7216077	-.363486	.0013628	1.472971	17.18139	.0145652
#2	14.34748	.7241408	-.364409	.0017106	1.467215	17.20220	.0179619
#3	14.42792	.7198638	-.364971	.0010854	1.470109	17.30873	.0162861

Sample Name: I4801-17 Acquired: 8/21/2017 17:23:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8579868	.0084811	.0393153
Stddev	.0038055	.0000299	.0000213
%RSD	.4435410	.3520189	.0541590

#1	.8568129	.0084954	.0393391
#2	.8622409	.0084467	.0392980
#3	.8549064	.0085010	.0393089

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1052.801	1889.358	41346.64	9279.192	2665.770
Stddev	3.665	10.686	216.04	5.587	7.896
%RSD	.3481300	.5655799	.5225165	.0602085	.2961973

#1	1056.601	1877.803	41351.11	9280.613	2656.730
#2	1052.516	1898.884	41560.41	9283.931	2671.316
#3	1049.287	1891.388	41128.39	9273.032	2669.263

Sample Name: I4801-18 Acquired: 8/21/2017 17:27:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0563196	-.014400	2.180849	-.005787	.0059831	67.83297	2.210007
Stddev	.0027147	.001015	.002652	.001008	.0016422	.25137	.008669
%RSD	4.820227	7.050865	.1216213	17.42092	27.44749	.3705791	.3922763

#1	.0593679	-.013570	2.177786	-.006923	.0052488	67.54826	2.201060
#2	.0554284	-.015532	2.182404	-.005000	.0048362	67.92643	2.210591
#3	.0541625	-.014098	2.182357	-.005437	.0078644	68.02424	2.218370

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072489	.0427970	83.27579	.1092857	.0838032	.3703569	154.4406
Stddev	.0001702	.0001292	.22038	.0001817	.0001747	.0009533	.4086
%RSD	2.347612	.3019382	.2646329	.1662436	.2084690	.2573933	.2645685

#1	.0071699	.0429137	83.02701	.1092997	.0836025	.3709482	153.9702
#2	.0071327	.0426581	83.44651	.1090974	.0839212	.3692571	154.6446
#3	.0074442	.0428191	83.35386	.1094600	.0838858	.3708652	154.7071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.437714	37.64758	.3057728	.0039699	1.259075	.2046887	3.940990
Stddev	.014404	.14318	.0005188	.0001366	.105103	.0018868	.035632
%RSD	.3245923	.3803094	.1696722	3.440137	8.347633	.9217973	.9041406

#1	4.421512	37.50986	.3062016	.0041122	1.169860	.2034642	3.974209
#2	4.449073	37.63722	.3059206	.0038399	1.374937	.2068616	3.903357
#3	4.442557	37.79565	.3051961	.0039577	1.232429	.2037404	3.945405

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.16095	.9805429	-.377829	.0049743	3.172922	3.564679	.0573888
Stddev	.11850	.0028292	.002252	.0005346	.011305	.029503	.0011677
%RSD	.7332242	.2885364	.5961641	10.74663	.3563019	.8276476	2.034721

#1	16.11884	.9830998	-.375902	.0046449	3.164693	3.530680	.0568925
#2	16.06926	.9810254	-.380305	.0055911	3.185813	3.579809	.0587227
#3	16.29475	.9775034	-.377280	.0046868	3.168261	3.583547	.0565513

Sample Name: I4801-18 Acquired: 8/21/2017 17:27:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5893998	.0084153	.0456531
Stddev	.0014219	.0000673	.0002305
%RSD	.2412467	.8000686	.5047993

#1	.5894369	.0083557	.0454324
#2	.5879597	.0084018	.0456347
#3	.5908028	.0084883	.0458922

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1026.057	1824.525	40248.01	9013.985	2597.987
Stddev	7.905	8.177	135.09	31.524	5.005
%RSD	.7704261	.4481861	.3356511	.3497227	.1926411

#1	1016.990	1815.198	40106.66	9049.390	2592.211
#2	1031.505	1830.463	40261.55	8988.961	2600.718
#3	1029.674	1827.914	40375.82	9003.603	2601.033

Sample Name: I4801-19 Acquired: 8/21/2017 17:31:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0618604	-.011621	1.335473	-.007052	.0082097	58.54824	1.692100
Stddev	.0045063	.001079	.003642	.002372	.0011188	.26642	.004917
%RSD	7.284559	9.288687	.2726790	33.62935	13.62740	.4550451	.2905758

#1	.0617957	-.010675	1.337610	-.005959	.0087972	58.35462	1.689677
#2	.0663986	-.011391	1.331269	-.005425	.0089124	58.43802	1.688866
#3	.0573868	-.012797	1.337541	-.009773	.0069196	58.85208	1.697758

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068291	.0276143	78.39819	.0961302	.0768483	.5890425	147.9189
Stddev	.0000583	.0001319	.81928	.0002942	.0001035	.0041925	1.5038
%RSD	.8533272	.4775097	1.045028	.3059949	.1347292	.7117555	1.016632

#1	.0068189	.0275203	77.66028	.0958550	.0768922	.5873940	146.7125
#2	.0068918	.0277650	78.25446	.0964402	.0767300	.5859247	147.4404
#3	.0067766	.0275576	79.27983	.0960952	.0769226	.5938087	149.6037

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.612576	38.16334	.1997472	.0043488	1.265483	.1829650	3.436044
Stddev	.036221	.29530	.0007547	.0002439	.045590	.0037038	.010600
%RSD	1.002644	.7737678	.3778495	5.608990	3.602601	2.024316	.3084824

#1	3.579484	37.94709	.1988824	.0042147	1.300470	.1794657	3.440278
#2	3.606971	38.04316	.2002732	.0042013	1.282053	.1825853	3.443872
#3	3.651273	38.49978	.2000859	.0046303	1.213924	.1868440	3.423982

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.77220	.7806743	-.369147	.0110510	1.947100	4.692196	.0415864
Stddev	.05749	.0008858	.003853	.0002017	.006949	.045994	.0026394
%RSD	.4500831	.1134657	1.043672	1.825411	.3568877	.9802251	6.346758

#1	12.72288	.7815528	-.366762	.0109138	1.954561	4.651004	.0387596
#2	12.75839	.7797813	-.367087	.0112827	1.945926	4.683761	.0420132
#3	12.83534	.7806889	-.373592	.0109566	1.940813	4.741824	.0439864

Sample Name: I4801-19 Acquired: 8/21/2017 17:31:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5810999	.0077112	.0417397
Stddev	.0038286	.0000028	.0001426
%RSD	.6588624	.0365419	.3416410

#1	.5781854	.0077138	.0416155
#2	.5796784	.0077117	.0417083
#3	.5854360	.0077082	.0418954

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1024.896	1834.499	40237.90	8952.023	2632.512
Stddev	8.757	3.238	130.53	64.974	4.348
%RSD	.8544641	.1764819	.3243975	.7258056	.1651834

#1	1017.956	1838.230	40128.96	9012.200	2635.873
#2	1021.996	1832.839	40202.16	8960.738	2634.062
#3	1034.735	1832.429	40382.58	8883.131	2627.601

Sample Name: I4801-20 Acquired: 8/21/2017 17:35:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0776982	-.003738	2.000594	-.003403	.0070767	78.07877	2.415884
Stddev	.0056361	.001668	.003433	.000914	.0025454	.14794	.004409
%RSD	7.253842	44.63663	.1716118	26.86041	35.96943	.1894725	.1825164

#1	.0818875	-.005644	2.003809	-.003445	.0098509	78.23516	2.420489
#2	.0799167	-.003026	2.000995	-.004296	.0048487	77.94106	2.415461
#3	.0712905	-.002543	1.996978	-.002469	.0065305	78.06009	2.411700

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106432	.0332856	82.74832	.1064243	.0966277	.5506179	212.6679
Stddev	.0001051	.0000132	.35395	.0005436	.0004298	.0013589	.8103
%RSD	.9870432	.0395944	.4277379	.5107732	.4447621	.2467964	.3810363

#1	.0107626	.0332786	82.56654	.1058373	.0962791	.5509087	212.4720
#2	.0105650	.0333008	82.52219	.1065252	.0964961	.5518079	211.9734
#3	.0106019	.0332773	83.15622	.1069103	.0971079	.5491371	213.5582

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.887839	32.91637	.2393304	.0053644	2.329921	.2560168	5.026143
Stddev	.015905	.09849	.0009164	.0001208	.050805	.0041354	.012303
%RSD	.3254052	.2992010	.3829160	2.251553	2.180555	1.615287	.2447797

#1	4.880828	32.87149	.2403683	.0052265	2.384909	.2539695	5.040188
#2	4.876644	32.84832	.2386328	.0054150	2.320130	.2533045	5.017270
#3	4.906046	33.02930	.2389901	.0054516	2.284724	.2607765	5.020973

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.90754	1.074471	-.459574	.0205153	16.39835	14.51475	.0764134
Stddev	.03513	.001317	.001147	.0003981	.02462	.04033	.0024020
%RSD	.2077853	.1225725	.2496161	1.940679	.1501161	.2778853	3.143456

#1	16.94798	1.075513	-.460513	.0209674	16.42675	14.51334	.0775825
#2	16.89002	1.072991	-.458296	.0203618	16.38515	14.47514	.0736507
#3	16.88461	1.074909	-.459913	.0202168	16.38315	14.55578	.0780071

Sample Name: I4801-20 Acquired: 8/21/2017 17:35:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METHD7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9839835	.0083041	.0546270
Stddev	.0014672	.0000483	.0000733
%RSD	.1491070	.5815543	.1342716

#1	.9846903	.0082991	.0547101
#2	.9822967	.0083546	.0545998
#3	.9849635	.0082584	.0545712

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1029.277	1855.231	40750.07	9125.345	2611.421
Stddev	5.746	4.701	119.25	13.098	8.757
%RSD	.5582160	.2533861	.2926351	.1435359	.3353185

#1	1027.302	1849.943	40666.77	9117.232	2602.042
#2	1024.779	1856.815	40696.77	9140.456	2612.839
#3	1035.749	1858.936	40886.67	9118.347	2619.382

Sample Name: I4801-21 Acquired: 8/21/2017 17:39:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0774774	-.004119	2.019153	-.001954	.0079739	78.28381	2.422443
Stddev	.0065945	.001719	.005384	.001522	.0028411	.06740	.004357
%RSD	8.511518	41.72414	.2666575	77.87257	35.62978	.0860962	.1798492

#1	.0702436	-.005275	2.022179	-.000264	.0084515	78.33540	2.427092
#2	.0790347	-.004939	2.012937	-.002384	.0105460	78.30847	2.421784
#3	.0831539	-.002144	2.022343	-.003216	.0049243	78.20755	2.418454

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107204	.0336020	83.10733	.1056574	.0969663	.5548622	213.6439
Stddev	.0001318	.0002978	.24961	.0006768	.0005354	.0018457	.4805
%RSD	1.229851	.8863546	.3003406	.6405730	.5521516	.3326421	.2249241

#1	.0107639	.0332771	82.96345	.1062383	.0967642	.5528001	213.3190
#2	.0108250	.0338621	83.39554	.1049142	.0965614	.5554271	214.1959
#3	.0105723	.0336668	82.96298	.1058197	.0975734	.5563595	213.4168

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.907292	33.05576	.2403639	.0055309	2.303591	.2563511	5.024442
Stddev	.017220	.14668	.0003931	.0000127	.020613	.0015301	.011380
%RSD	.3509144	.4437250	.1635250	.2303713	.8948123	.5968811	.2264914

#1	4.901489	33.09757	.2404905	.0055439	2.281378	.2570538	5.022916
#2	4.926665	33.17699	.2399232	.0055303	2.322102	.2545958	5.013902
#3	4.893723	32.89272	.2406781	.0055185	2.307294	.2574035	5.036508

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.92777	1.082939	-.460560	.0212930	16.51390	14.58364	.0749405
Stddev	.011170	.001816	.003670	.0003259	.07112	.04979	.0018371
%RSD	.0691223	.1676808	.7968231	1.530686	.4306588	.3413901	2.451396

#1	16.93815	1.082718	-.462069	.0209632	16.43683	14.56044	.0766339
#2	16.93008	1.084855	-.463236	.0216149	16.52789	14.64079	.0729874
#3	16.91509	1.081244	-.456377	.0213010	16.57699	14.54968	.0752004

Sample Name: I4801-21 Acquired: 8/21/2017 17:39:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD7D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9882384	.0083245	.0547753
Stddev	.0023377	.0000659	.0000561
%RSD	.2365522	.7919384	.1024968

#1	.9908754	.0083487	.0548335
#2	.9864205	.0083749	.0547710
#3	.9874192	.0082499	.0547215

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1030.648	1841.542	40655.90	9089.036	2592.294
Stddev	3.046	4.201	97.60	30.179	2.225
%RSD	.2955719	.2281471	.2400577	.3320341	.0858363

#1	1027.572	1838.993	40573.40	9093.202	2590.065
#2	1030.708	1839.242	40630.65	9056.990	2594.515
#3	1033.664	1846.391	40763.64	9116.914	2592.303

Sample Name: I4801-22 Acquired: 8/21/2017 17:43:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1359644	.1108846	2.074001	.0735196	.0456978	97.14819	6.820433
Stddev	.0061382	.0026765	.008136	.0021119	.0016900	.27548	.045514
%RSD	4.514536	2.413811	.3923085	2.872503	3.698094	.2835715	.6673151

#1	.1330839	.1081790	2.069430	.0743111	.0437581	97.42591	6.785849
#2	.1317962	.1109436	2.069178	.0751214	.0464823	96.87500	6.871995
#3	.1430130	.1135311	2.083395	.0711263	.0468528	97.14365	6.803454

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1009913	.1434772	70.29452	.4880033	1.211218	1.029141	193.0939
Stddev	.0003113	.0007186	.29874	.0038476	.004993	.004586	.4705
%RSD	.3081944	.5008394	.4249800	.7884381	.4122481	.4455845	.2436549

#1	.1013470	.1433689	69.97697	.4883075	1.207671	1.034436	192.8503
#2	.1007689	.1428189	70.33663	.4916898	1.209054	1.026480	192.7951
#3	.1008581	.1442438	70.56997	.4840126	1.216928	1.026506	193.6362

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.470873	34.22421	1.390836	.0437777	1.790962	1.235193	7.281940
Stddev	.013947	.05287	.005778	.0001095	.026279	.004633	.051142
%RSD	.1646519	.1544687	.4154354	.2500578	1.467317	.3750740	.7023131

#1	8.459674	34.16414	1.388241	.0436762	1.815997	1.233351	7.239512
#2	8.466448	34.24487	1.386812	.0438937	1.763594	1.231764	7.338727
#3	8.486496	34.26363	1.397457	.0437633	1.793296	1.240463	7.267582

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.01242	1.126586	-.442024	.0161559	6.637439	16.01543	.0560491
Stddev	.10584	.009757	.002297	.0004836	.018542	.03296	.0009937
%RSD	.5566740	.8660746	.5195951	2.993148	.2793544	.2057825	1.772883

#1	19.12889	1.123172	-.443895	.0158559	6.642391	16.04263	.0557246
#2	18.92212	1.118994	-.439461	.0167137	6.616924	15.97878	.0552582
#3	18.98626	1.137591	-.442717	.0158980	6.653002	16.02489	.0571645

Sample Name: I4801-22 Acquired: 8/21/2017 17:43:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD7S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9389102	.0094924	.0542763
Stddev	.0011237	.0000579	.0002820
%RSD	.1196824	.6105276	.5196162

#1	.9400205	.0095256	.0545701
#2	.9389366	.0094254	.0540077
#3	.9377735	.0095261	.0542512

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1035.098	1851.569	40825.09	9233.402	2579.463
Stddev	6.124	1.654	261.47	30.609	7.596
%RSD	.5916390	.0893454	.6404535	.3315005	.2944883

#1	1039.181	1850.739	40906.54	9198.144	2578.409
#2	1028.056	1850.493	40532.59	9253.167	2587.531
#3	1038.056	1853.473	41036.14	9248.895	2572.449

Sample Name: I4801-20LX5 Acquired: 8/21/2017 17:47:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175601	-.000564	.4096127	-.004008	.0021085	16.21817	.5005871
Stddev	.0030006	.001056	.0023324	.000781	.0004294	.19265	.0059522
%RSD	17.08770	187.2265	.5694093	19.47892	20.36569	1.187891	1.189040

#1	.0209682	-.001566	.4083472	-.004906	.0021201	16.14521	.4990336
#2	.0153152	.000538	.4123043	-.003632	.0016734	16.07265	.4955657
#3	.0163970	-.000664	.4081867	-.003487	.0025321	16.43665	.5071620

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025063	.0061923	17.69204	.0242388	.0182958	.1178624	46.80621
Stddev	.0001205	.0000254	.15964	.0011424	.0004807	.0022943	.43616
%RSD	4.807671	.4110032	.9023423	4.712884	2.627351	1.946598	.9318526

#1	.0026433	.0061941	17.59972	.0253895	.0181303	.1179630	46.59627
#2	.0024588	.0061659	17.60002	.0242221	.0188374	.1155195	46.51471
#3	.0024168	.0062168	17.87638	.0231050	.0179197	.1201048	47.30764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.053932	7.008301	.0470695	.0010128	.5230991	.0530496	1.079236
Stddev	.010378	.035886	.0003416	.0001556	.0237150	.0016017	.012612
%RSD	.9846529	.5120565	.7257431	15.36754	4.533557	3.019280	1.168611

#1	1.047630	6.998771	.0467138	.0009275	.5448805	.0520376	1.088893
#2	1.048256	6.978141	.0470996	.0009185	.5265814	.0548963	1.083847
#3	1.065909	7.047991	.0473950	.0011925	.4978356	.0522149	1.064967

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.496185	.2044131	-.101994	.0046450	3.125082	3.316835	.0141649
Stddev	.040021	.0010144	.000298	.0002031	.013724	.004851	.0017397
%RSD	1.144716	.4962689	.2917533	4.371787	.4391532	.1462637	12.28212

#1	3.493771	.2033486	-.102092	.0046264	3.110429	3.316620	.0160216
#2	3.457425	.2053686	-.101659	.0048567	3.127182	3.312095	.0125724
#3	3.537359	.2045223	-.102229	.0044518	3.137635	3.321791	.0139006

Sample Name: I4801-20LX5 Acquired: 8/21/2017 17:47:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METHD7L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2102020	.0013289	.0116712
Stddev	.0010244	.0000388	.0001233
%RSD	.4873413	2.918137	1.056669

#1	.2090195	.0013578	.0116208
#2	.2107696	.0012848	.0115811
#3	.2108171	.0013441	.0118117

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1004.203	1804.854	38920.02	8650.241	2991.102
Stddev	14.357	5.811	631.33	46.223	12.440
%RSD	1.429716	.3219482	1.622129	.5343512	.4159066

#1	991.787	1811.378	38404.78	8660.597	3003.080
#2	1000.897	1800.237	38731.03	8690.407	2978.246
#3	1019.925	1802.946	39624.27	8599.719	2991.980

Sample Name: CCV038 Acquired: 8/21/2017 17:51:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.024365	4.705802	24.38716	4.977858	5.048011	388.8321
Stddev	.033543	.026707	.08193	.029449	.027543	1.6362
%RSD	.6676044	.5675235	.3359572	.5915940	.5456259	.4208028

#1	4.995626	4.716692	24.41139	4.952101	5.029551	387.0134
#2	5.016247	4.675371	24.29585	4.971510	5.034812	390.1846
#3	5.061222	4.725343	24.45424	5.009963	5.079670	389.2984

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.21674	.5089900	2.499703	396.5144	14.87590	2.505440
Stddev	.04231	.0004091	.010701	1.8374	.07751	.011847
%RSD	.4141564	.0803755	.4280807	.4633952	.5210461	.4728399

#1	10.18803	.5091828	2.500982	398.0810	14.81725	2.502384
#2	10.19685	.5092671	2.488420	394.4920	14.96377	2.495421
#3	10.26533	.5085202	2.509706	396.9703	14.84667	2.518515

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.46290	392.5133	14.25617	395.2696	2.503589	1.291602
Stddev	.02770	1.2900	.07972	1.4658	.008153	.004189
%RSD	.1791683	.3286442	.5591893	.3708233	.3256594	.3243410

#1	15.44788	393.4943	14.33048	396.4843	2.503541	1.286915
#2	15.44595	391.0521	14.17197	393.6416	2.495460	1.294980
#3	15.49488	392.9936	14.26607	395.6828	2.511766	1.292911

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	394.1915	2.486221	14.72767	155.8208	F 5.734846	F 4.168569
Stddev	1.0032	.007019	.08935	.1040	.025008	.000653
%RSD	.2544913	.2823182	.6066531	.0667542	.4360749	.0156747

#1	394.1005	2.478205	14.77768	155.7022	5.742267	4.169096
#2	393.2369	2.491266	14.62452	155.8965	5.706968	4.168774
#3	395.2371	2.489191	14.78081	155.8637	5.755305	4.167838

Sample Name: CCV038 Acquired: 8/21/2017 17:51:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV038 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.975105	5.228068	4.943708	5.005107	5.036772	5.530814
Stddev	.024681	.020453	.010943	.006942	.012187	.030539
%RSD	.4960906	.3912247	.2213606	.1387065	.2419527	.5521563

#1	4.960069	5.246493	4.943154	5.010117	5.032849	5.563606
#2	4.961657	5.206059	4.933052	4.997183	5.027030	5.525648
#3	5.003589	5.231651	4.954918	5.008022	5.050437	5.503187

Elem	Sr4077
Units	ppm
Avg	5.333134
Stddev	.024169
%RSD	.4531827

#1	5.360679
#2	5.323250
#3	5.315474

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	774.6911	1388.223	31065.92	7318.420	1998.667
Stddev	6.3033	6.678	30.39	18.894	6.010
%RSD	.8136513	.4810615	.0978140	.2581654	.3007069

#1	769.5388	1394.823	31085.08	7304.366	2001.383
#2	781.7194	1388.377	31030.89	7339.898	2002.839
#3	772.8150	1381.469	31081.80	7310.996	1991.778

Sample Name: CCB038 Acquired: 8/21/2017 17:56:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015588	.0013479	-.000415	-.002857	-.000540	.0013685	.0000964
Stddev	.0005756	.0004985	.000421	.001058	.000192	.0011060	.0006396
%RSD	36.92942	36.98745	101.4853	37.01873	35.57817	80.82316	663.2986

#1	.0009379	.0018961	.000043	-.003784	-.000320	.0026344	.0005248
#2	.0016635	.0009218	-.000503	-.003083	-.000626	.0005890	.0004033
#3	.0020748	.0012257	-.000784	-.001705	-.000674	.0008820	-.000639

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001955	.0000168	-.004464	-.000036	.0001595	.0000143	.0024028
Stddev	.0000806	.0000529	.002913	.000157	.0001066	.0017599	.0042322
%RSD	41.24852	313.9898	65.25722	439.2919	66.85282	12316.66	176.1370

#1	.0002505	.0000657	-.007203	.000129	.0001780	.0016137	.0065079
#2	.0002330	-.000039	-.004785	-.000052	.0000448	.0003002	-.001946
#3	.0001029	.000024	-.001404	-.000184	.0002556	-.001871	.002646

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000925	-.008359	.0003096	-.000207	.0022875	-.000612	.0024346
Stddev	.0001847	.023298	.0005008	.000172	.0944992	.002301	.0015812
%RSD	199.6358	278.7205	161.7623	83.36953	4131.182	375.6817	64.94637

#1	.0000005	-.021894	.0004992	-.000064	.1059893	-.000734	.0013196
#2	-.000028	.018543	.0006878	-.000398	-.020160	.001746	.0042442
#3	.000305	-.021727	-.000258	-.000158	-.078967	-.002850	.0017400

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0353847	-.000042	.0046005	.0005182	-.016363	-.000500	-.000238
Stddev	.0212840	.000200	.0004075	.0002747	.003127	.000070	.001823
%RSD	60.15033	476.7263	8.857033	52.99987	19.10902	13.93759	767.2977

#1	.0136227	.000079	.0041916	.0007047	-.019689	-.000438	-.001225
#2	.0561561	-.000272	.0050066	.0006472	-.015917	-.000485	.001866
#3	.0363754	.000068	.0046033	.0002028	-.013483	-.000575	-.001354

Sample Name: CCB038 Acquired: 8/21/2017 17:56:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB038 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000006	.0001529	.0001278
Stddev	.000649	.0000271	.0000057
%RSD	10361.63	17.75879	4.459791

#1	.000005	.0001295	.0001343
#2	-.000661	.0001466	.0001253
#3	.000637	.0001827	.0001238

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	994.8097	1778.483	38480.52	8247.344	3206.075
Stddev	7.0422	11.419	56.38	108.567	22.342
%RSD	.7078958	.6420512	.1465283	1.316391	.6968744

#1	993.5501	1771.974	38498.32	8372.078	3198.576
#2	988.4824	1791.668	38417.39	8174.122	3231.202
#3	1002.397	1771.807	38525.86	8195.832	3188.447

Sample Name: PB101708BL Acquired: 8/21/2017 18:00:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000029	.0015873	-.000266	-.001765	-.000558	-.002692	.0006446
Stddev	.000720	.0009144	.000285	.003924	.000506	.004171	.0002388
%RSD	2452.052	57.60432	107.2724	222.2964	90.66745	154.9207	37.03859

#1	.000450	.0015652	-.000215	.001143	-.000249	-.004420	.0008114
#2	-.000858	.0025125	-.000010	-.006229	-.000282	-.005722	.0003711
#3	.000319	.0006842	-.000573	-.000210	-.001141	.002065	.0007514

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001208	.0000162	-.003837	.0001890	.0000231	.0015084	.0057659
Stddev	.0000700	.0000564	.004468	.0004409	.0002894	.0005324	.0043977
%RSD	57.93180	347.8028	116.4490	233.3568	1254.584	35.29574	76.27137

#1	.0001857	.0000644	-.006255	-.000272	-.000310	.0012403	.0081204
#2	.0000467	-.000046	-.006575	.000233	.000162	.0021216	.0006922
#3	.0001300	.000030	.001319	.000606	.000217	.0011634	.0084849

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000252	-.002813	.0005498	-.000109	-.033416	-.000934	.0027895
Stddev	.000271	.021759	.0000826	.000329	.013566	.000787	.0010780
%RSD	107.3240	773.4414	15.02954	303.0264	40.59695	84.20866	38.64423

#1	-.000453	.015664	.0006423	-.000395	-.046869	-.001724	.0032110
#2	.000056	.002693	.0004834	-.000183	-.033640	-.000927	.0035931
#3	-.000360	-.026796	.0005237	.000252	-.019740	-.000151	.0015645

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119117	-.000018	.0002347	.0002879	-.023056	-.000925	.0013461
Stddev	.0194236	.000084	.0003142	.0000787	.000809	.001174	.0003867
%RSD	163.0626	476.2945	133.8798	27.35487	3.510725	126.8233	28.72470

#1	.0342064	-.000091	.0004687	.0002806	-.023217	-.000983	.0012893
#2	.0028829	-.000036	-.000122	.0002130	-.022178	.000276	.0017581
#3	-.001354	.000074	.000358	.0003700	-.023773	-.002069	.0009910

Sample Name: PB101708BL Acquired: 8/21/2017 18:00:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000045	-.000152	.0000965
Stddev	.000252	.000036	.0000013
%RSD	556.2956	23.83787	1.360759

#1	-.000298	-.000111	.0000968
#2	.000206	-.000171	.0000976
#3	-.000044	-.000176	.0000950

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1055.190	1863.098	40359.67	8359.791	3334.512
Stddev	3.691	6.304	138.97	147.533	18.744
%RSD	.3498118	.3383837	.3443189	1.764795	.5621295

#1	1052.011	1869.584	40227.10	8317.797	3354.851
#2	1059.238	1856.992	40504.25	8237.807	3317.932
#3	1054.322	1862.718	40347.65	8523.768	3330.753

Sample Name: PB101708BS Acquired: 8/21/2017 18:04:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160871	.0469408	.0193977	.0676044	.1168211	.3814620
Stddev	.0018638	.0014866	.0008210	.0028519	.0005861	.0039859
%RSD	11.58544	3.166893	4.232364	4.218465	.5016776	1.044888

#1	.0141576	.0467171	.0200807	.0674106	.1174767	.3798155
#2	.0178773	.0485265	.0196255	.0648544	.1166388	.3860073
#3	.0162266	.0455788	.0184869	.0705482	.1163479	.3785631

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3651463	.0105430	.0100889	9.606905	.0237917	.0940982
Stddev	.0013177	.0001396	.0000740	.038937	.0008019	.0007945
%RSD	.3608705	1.323974	.7332070	.4053008	3.370616	.8442906

#1	.3666209	.0104998	.0100050	9.595169	.0233550	.0933370
#2	.3640843	.0104300	.0101448	9.575187	.0247171	.0949222
#3	.3647337	.0106990	.0101169	9.650360	.0233028	.0940352

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0522040	.2349346	.0306738	9.466709	.0783587	.0188225
Stddev	.0004451	.0026811	.0005535	.042154	.0007721	.0000729
%RSD	.8526574	1.141214	1.804589	.4452854	.9853635	.3872385

#1	.0524465	.2349353	.0301969	9.504568	.0775176	.0188767
#2	.0516903	.2376154	.0312808	9.421285	.0785232	.0187396
#3	.0524752	.2322532	.0305438	9.474272	.0790353	.0188511

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.310614	.1060288	.1075290	9.352711	F .0030979	F .0222870
Stddev	.041311	.0027848	.0009486	.043654	.0000501	.0011745
%RSD	.4436957	2.626486	.8822143	.4667530	1.616949	5.270037

#1	9.357785	.1034947	.1079212	9.395979	.0031351	.0226458
#2	9.280883	.1090102	.1064472	9.353474	.0030410	.0209749
#3	9.293174	.1055816	.1082187	9.308681	.0031177	.0232403

Sample Name: PB101708BS Acquired: 8/21/2017 18:04:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0248724	.1450006	.2017579	F .0179995	.2053959	.0104560
Stddev	.0003445	.0048695	.0017138	.0008686	.0007513	.0001327
%RSD	1.384955	3.358230	.8494452	4.825472	.3657635	1.269436

#1	.0249157	.1396000	.2021233	.0171432	.2055679	.0106073
#2	.0251931	.1490561	.1998908	.0179757	.2045735	.0103594
#3	.0245083	.1463458	.2032596	.0188798	.2060462	.0104012

Elem	Sr4077
Units	ppm
Avg	.0280526
Stddev	.0001538
%RSD	.5482906

#1	.0282273
#2	.0279932
#3	.0279374

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	926.3147	1665.186	36394.49	7967.497	2933.890
Stddev	10.4607	14.169	295.08	33.591	9.897
%RSD	1.129284	.8508836	.8107716	.4215956	.3373477

#1	938.1875	1650.067	36560.45	7938.667	2926.606
#2	918.4538	1667.331	36053.80	8004.383	2929.906
#3	922.3027	1678.160	36569.22	7959.442	2945.159

Sample Name: I4802-01 Acquired: 8/21/2017 18:08:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0533718	-.009139	2.273480	-.002760	.0070564	77.98788	2.557041
Stddev	.0020085	.002355	.009543	.004955	.0008339	.03715	.004021
%RSD	3.763263	25.76461	.4197560	179.5405	11.81799	.0476314	.1572598

#1	.0550275	-.010722	2.281824	.001719	.0067620	77.95520	2.555840
#2	.0511375	-.010263	2.263075	-.001916	.0064097	77.98016	2.553757
#3	.0539504	-.006433	2.275540	-.008083	.0079977	78.02828	2.561526

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091472	.0228903	58.34647	.1090046	.1048271	.5400384	169.1213
Stddev	.0000514	.0000768	.29039	.0007234	.0008553	.0022108	.4650
%RSD	.5621223	.3355032	.4976937	.6636645	.8159601	.4093813	.2749226

#1	.0091733	.0228482	58.59663	.1084124	.1045279	.5393980	169.4968
#2	.0091804	.0229789	58.41475	.1098109	.1041615	.5382185	169.2659
#3	.0090880	.0228437	58.02802	.1087905	.1057918	.5424987	168.6013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.143339	26.57513	.2226190	.0037487	1.577882	.2356848	3.802906
Stddev	.021117	.11451	.0009973	.0001255	.088679	.0014204	.043169
%RSD	.3437454	.4308834	.4479743	3.348012	5.620108	.6026868	1.135163

#1	6.157203	26.58668	.2228472	.0037639	1.525062	.2372679	3.827470
#2	6.153778	26.68342	.2215274	.0038659	1.528322	.2345218	3.753060
#3	6.119035	26.45528	.2234824	.0036163	1.680262	.2352647	3.828187

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.18832	.9594324	-.396031	.0128773	4.794063	7.405459	.0617649
Stddev	.06952	.0032377	.002490	.0003011	.031656	.065801	.0019756
%RSD	.4294270	.3374592	.6286806	2.338383	.6603140	.8885462	3.198591

#1	16.14373	.9631597	-.398884	.0131916	4.790092	7.330843	.0640280
#2	16.15282	.9573169	-.394918	.0125913	4.764580	7.430357	.0608815
#3	16.26842	.9578208	-.394293	.0128489	4.827517	7.455178	.0603850

Sample Name: I4802-01 Acquired: 8/21/2017 18:08:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8712823	.0077737	.0454174
Stddev	.0020762	.0000492	.0000343
%RSD	.2382873	.6330395	.0754484

#1	.8694611	.0077592	.0453779
#2	.8708427	.0077333	.0454378
#3	.8735430	.0078285	.0454366

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1054.555	1880.293	41206.19	9173.048	2654.583
Stddev	3.315	2.072	37.08	21.266	.817
%RSD	.3143975	.1102159	.0899779	.2318323	.0307769

#1	1050.924	1877.901	41215.85	9167.436	2653.646
#2	1057.422	1881.449	41165.24	9155.150	2655.144
#3	1055.319	1881.530	41237.48	9196.557	2654.961

Sample Name: I4802-02 Acquired: 8/21/2017 18:12:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0985377	-.017965	5.656552	-.003114	.0169105	93.71142	4.772053
Stddev	.0031260	.000931	.020345	.003020	.0000987	.23304	.006692
%RSD	3.172404	5.182121	.3596652	96.98105	.5834326	.2486799	.1402385

#1	.0976783	-.017265	5.633703	-.005157	.0170235	93.86746	4.777449
#2	.0959312	-.017608	5.663248	-.004541	.0168416	93.82327	4.774146
#3	.1020035	-.019022	5.672704	.000355	.0168664	93.44354	4.764564

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134455	.1404093	90.77169	.1623428	.1297537	5.235658	264.9906
Stddev	.0000759	.0006149	.27013	.0011674	.0006919	.007669	.6258
%RSD	.5641232	.4379005	.2975938	.7191057	.5332812	.1464706	.2361711

#1	.0135137	.1398285	91.04666	.1611255	.1295086	5.239526	265.5855
#2	.0133638	.1403462	90.76174	.1624500	.1305348	5.240622	265.0485
#3	.0134589	.1410533	90.50667	.1634530	.1292176	5.226825	264.3378

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.671041	23.50442	.2869389	.0177581	3.498543	.3525568	12.74047
Stddev	.021142	.10282	.0008244	.0000989	.048075	.0019184	.14206
%RSD	.3728143	.4374540	.2873148	.5571007	1.374133	.5441398	1.115000

#1	5.690358	23.61647	.2862402	.0178676	3.485986	.3528335	12.60230
#2	5.674312	23.48239	.2867284	.0177319	3.457994	.3543219	12.88611
#3	5.648454	23.41440	.2878482	.0176750	3.551651	.3505151	12.73300

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.56224	2.315467	-.479827	.0584447	12.60539	6.561420	.1261884
Stddev	.02081	.003055	.003444	.0002457	.05411	.092952	.0009386
%RSD	.1012053	.1319183	.7178366	.4204355	.4292534	1.416640	.7438037

#1	20.55674	2.313369	-.482256	.0586492	12.54328	6.505709	.1261374
#2	20.58525	2.314061	-.475885	.0581721	12.63063	6.668725	.1252763
#3	20.54473	2.318972	-.481340	.0585127	12.64227	6.509826	.1271514

Sample Name: I4802-02 Acquired: 8/21/2017 18:12:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHD9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.207655	.0082899	.0729175
Stddev	.006933	.0000312	.0000219
%RSD	.5740483	.3760855	.0299806

#1	1.214010	.0082578	.0729025
#2	1.208693	.0083201	.0729426
#3	1.200262	.0082919	.0729074

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1008.972	1800.353	40343.69	9050.986	2566.157
Stddev	9.298	6.476	105.44	16.685	4.202
%RSD	.9215612	.3596951	.2613461	.1843492	.1637412

#1	1017.112	1792.876	40461.32	9033.936	2561.488
#2	998.839	1803.976	40257.68	9051.739	2567.348
#3	1010.966	1804.206	40312.07	9067.282	2569.635

Sample Name: I4802-03 Acquired: 8/21/2017 18:16:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHE0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1003026	-.015766	3.718957	-.007959	.0130044	94.03908	3.531292
Stddev	.0034819	.002794	.010325	.003492	.0008704	.17434	.011923
%RSD	3.471428	17.72247	.2776425	43.88354	6.692873	.1853866	.3376284

#1	.1010877	-.012574	3.721845	-.011644	.0133084	94.16595	3.542399
#2	.1033249	-.017766	3.707495	-.004698	.0136819	94.11100	3.532784
#3	.0964951	-.016959	3.727530	-.007534	.0120228	93.84029	3.518694

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141783	.0743738	60.38627	.1277406	.1068225	1.507132	251.4792
Stddev	.0001553	.0006780	.01233	.0002563	.0008309	.002247	.1360
%RSD	1.095069	.9116543	.0204127	.2006458	.7778684	.1490753	.0540980

#1	.0143328	.0751504	60.38298	.1274511	.1066652	1.509701	251.6333
#2	.0141798	.0738992	60.39990	.1278320	.1060813	1.505534	251.4287
#3	.0140222	.0740718	60.37591	.1279386	.1077208	1.506161	251.3756

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.481476	23.12705	.2374813	.0081423	2.143323	.3045225	8.099584
Stddev	.006092	.03976	.0013202	.0003393	.080104	.0010326	.053477
%RSD	.1111466	.1719076	.5559137	4.167789	3.737387	.3390821	.6602461

#1	5.481324	23.10927	.2380214	.0083933	2.233367	.3041211	8.147047
#2	5.475461	23.09929	.2359767	.0082773	2.116628	.3056955	8.041643
#3	5.487643	23.17260	.2384458	.0077562	2.079975	.3037508	8.110060

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.09672	1.719290	-.562123	.0435721	5.632666	9.343728	.0967149
Stddev	.03629	.013618	.000500	.0003986	.030952	.035873	.0002498
%RSD	.1900319	.7920865	.0889367	.9147137	.5495161	.3839217	.2582652

#1	19.07532	1.718039	-.561588	.0438827	5.637137	9.321187	.0964525
#2	19.13862	1.706340	-.562579	.0437109	5.599721	9.385095	.0969499
#3	19.07622	1.733491	-.562202	.0431226	5.661139	9.324904	.0967422

Sample Name: I4802-03 Acquired: 8/21/2017 18:16:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METHE0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9683648	.0082099	.0557467
Stddev	.0070511	.0000709	.0001417
%RSD	.7281452	.8631371	.2541277

#1	.9603608	.0081451	.0559098
#2	.9736590	.0082856	.0556756
#3	.9710747	.0081991	.0556546

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1055.015	1889.345	41441.13	9243.116	2610.641
Stddev	5.904	9.102	29.85	9.462	3.594
%RSD	.5596511	.4817747	.0720331	.1023703	.1376704

#1	1049.969	1884.533	41454.55	9233.282	2607.409
#2	1061.509	1883.659	41406.92	9252.156	2610.002
#3	1053.568	1899.843	41461.92	9243.909	2614.511

Sample Name: I4802-04 Acquired: 8/21/2017 18:20:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHE0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0972496	-.014551	3.706576	-.006528	.0129355	93.47782	3.505731
Stddev	.0020958	.003841	.007888	.004041	.0009253	.19161	.002520
%RSD	2.155116	26.39823	.2128014	61.90407	7.153444	.2049754	.0718913

#1	.0964725	-.017744	3.709244	-.008598	.0118933	93.47271	3.507289
#2	.0956532	-.015621	3.697700	-.001871	.0136607	93.67193	3.507081
#3	.0996230	-.010288	3.712784	-.009115	.0132524	93.28882	3.502824

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139782	.0736341	59.53990	.1287072	.1062468	1.503050	248.4756
Stddev	.0000557	.0001845	.09667	.0013436	.0005467	.004978	.0652
%RSD	.3985736	.2506229	.1623567	1.043907	.5145725	.3311826	.0262596

#1	.0139503	.0735459	59.50029	.1277040	.1062898	1.508326	248.5509
#2	.0140423	.0735103	59.46933	.1302337	.1056798	1.498437	248.4372
#3	.0139419	.0738462	59.65008	.1281840	.1067707	1.502386	248.4387

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.419553	22.88550	.2372316	.0079408	2.108378	.2994222	8.013315
Stddev	.007903	.05956	.0016011	.0004487	.067466	.0022411	.039191
%RSD	.1458188	.2602572	.6749101	5.650716	3.199914	.7484921	.4890742

#1	5.413772	22.84512	.2365377	.0083774	2.158705	.3017379	7.968077
#2	5.416330	22.95391	.2360946	.0074809	2.031716	.2992646	8.034893
#3	5.428558	22.85748	.2390626	.0079640	2.134713	.2972640	8.036976

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.11846	1.707797	-.551039	.0437557	5.603967	9.084776	.0947877
Stddev	.03738	.005356	.001521	.0003343	.011669	.042124	.0005929
%RSD	.1955007	.3136126	.2760926	.7640395	.2082249	.4636761	.6254542

#1	19.07819	1.709667	-.552715	.0438913	5.591433	9.041548	.0953385
#2	19.12513	1.701757	-.549746	.0433749	5.605954	9.087079	.0941602
#3	19.15204	1.711968	-.550657	.0440009	5.614516	9.125702	.0948643

Sample Name: I4802-04 Acquired: 8/21/2017 18:20:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHE0D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9619893	.0081482	.0551839
Stddev	.0072981	.0000378	.0000957
%RSD	.7586508	.4641628	.1734278

#1	.9550709	.0081404	.0550740
#2	.9612813	.0081893	.0552296
#3	.9696156	.0081149	.0552483

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1058.283	1898.363	41619.43	9320.176	2623.312
Stddev	2.942	10.398	83.67	12.630	11.015
%RSD	.2780261	.5477519	.2010262	.1355157	.4199065

#1	1061.661	1887.262	41710.08	9329.619	2612.524
#2	1056.905	1907.875	41545.18	9325.080	2634.541
#3	1056.283	1899.953	41603.02	9305.829	2622.870

Sample Name: I4802-05 Acquired: 8/21/2017 18:24:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHEOS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1571098	.1033585	3.676678	.0755830	.0643756	114.5035	7.176263
Stddev	.0031185	.0023798	.007775	.0024519	.0011875	1.3642	.112745
%RSD	1.984926	2.302499	.2114792	3.244002	1.844562	1.191444	1.571082

#1	.1566331	.1006260	3.667699	.0748342	.0649667	114.3881	7.183308
#2	.1542571	.1049772	3.681179	.0783220	.0630086	115.9218	7.285320
#3	.1604393	.1044722	3.681154	.0735928	.0651514	113.2006	7.060161

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0996567	.1671812	56.02821	.4842756	1.154695	1.504167	231.5625
Stddev	.0015504	.0003537	.71518	.0008630	.001019	.016460	2.9720
%RSD	1.555745	.2115488	1.276467	.1781988	.0882884	1.094294	1.283467

#1	.0996670	.1670361	55.83919	.4848499	1.153524	1.504149	230.6997
#2	.1012019	.1669232	56.81892	.4832832	1.155175	1.520636	234.8705
#3	.0981011	.1675843	55.42653	.4846936	1.155385	1.487716	229.1174

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.983234	26.26504	1.283995	.0446502	2.089470	1.238270	9.818466
Stddev	.093849	.33641	.002096	.0002348	.060083	.014022	.008915
%RSD	1.343926	1.280824	.1632752	.5258194	2.875498	1.132409	.0907983

#1	6.955990	26.15831	1.283618	.0446531	2.140632	1.230645	9.826709
#2	7.087692	26.64187	1.282112	.0448835	2.104468	1.254452	9.819685
#3	6.906022	25.99495	1.286254	.0444139	2.023309	1.229712	9.809005

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.43394	1.601509	-.473105	.0418378	5.163097	10.97763	.1119249
Stddev	.24762	.007576	.007844	.0004377	.018306	.07304	.0016950
%RSD	1.211821	.4730409	1.657927	1.046221	.3545522	.6653218	1.514442

#1	20.41061	1.594331	-.474507	.0419047	5.143216	10.93894	.1112138
#2	20.69240	1.600766	-.480153	.0413705	5.166817	11.06187	.1107012
#3	20.19880	1.609428	-.464655	.0422383	5.179257	10.93207	.1138597

Sample Name: I4802-05 Acquired: 8/21/2017 18:24:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHEOS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9764238	.0094049	.0539431
Stddev	.0102701	.0001393	.0006393
%RSD	1.051807	1.480828	1.185182

#1	.9705184	.0093896	.0539429
#2	.9882826	.0095513	.0545825
#3	.9704704	.0092740	.0533038

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1053.147	1883.903	41559.31	9285.122	2591.194
Stddev	3.138	2.946	54.79	119.473	.483
%RSD	.2980019	.1564009	.1318334	1.286711	.0186400

#1	1049.631	1880.616	41522.13	9263.843	2591.744
#2	1055.666	1884.788	41622.23	9177.719	2590.840
#3	1054.145	1886.306	41533.57	9413.805	2590.998

Sample Name: I4802-03LX5 Acquired: 8/21/2017 18:28:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHE0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221260	-.001889	.7776914	-.001811	.0008132	20.44090	.7624910
Stddev	.0023052	.002680	.0030944	.000382	.0006015	.09006	.0041056
%RSD	10.41839	141.8923	.3979025	21.09136	73.96723	.4405928	.5384502

#1	.0232485	-.004861	.7788602	-.001605	.0004372	20.34554	.7577511
#2	.0236550	.000342	.7741828	-.002252	.0015070	20.45266	.7649394
#3	.0194746	-.001147	.7800313	-.001576	.0004955	20.52450	.7647825

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033901	.0142503	13.45477	.0304269	.0206733	.3370807	57.54439
Stddev	.0000921	.0000779	.06950	.0007916	.0000702	.0003334	.22579
%RSD	2.717873	.5464118	.5165160	2.601674	.3396209	.0989199	.3923733

#1	.0034803	.0142899	13.44955	.0311441	.0207543	.3368543	57.59893
#2	.0032962	.0141606	13.38803	.0295775	.0206300	.3374636	57.29633
#3	.0033939	.0143005	13.52673	.0305590	.0206356	.3369242	57.73791

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.228670	5.161056	.0478274	.0018521	.4074850	.0680196	1.792304
Stddev	.004077	.046638	.0005161	.0001722	.0289248	.0006916	.010345
%RSD	.3318560	.9036510	1.079078	9.296736	7.098364	1.016793	.5771997

#1	1.229943	5.142850	.0483584	.0019756	.3931939	.0672828	1.795041
#2	1.224108	5.126266	.0473277	.0019252	.4407737	.0686549	1.801006
#3	1.231959	5.214051	.0477961	.0016554	.3884873	.0681211	1.780866

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.148516	.3368480	-.127389	.0096067	1.093656	2.149998	.0195298
Stddev	.006660	.0009696	.001151	.0003183	.005312	.013777	.0007638
%RSD	.1605489	.2878383	.9034068	3.312899	.4857339	.6407711	3.910992

#1	4.154693	.3357320	-.126500	.0098371	1.088629	2.139549	.0200367
#2	4.149395	.3374829	-.128689	.0097395	1.093126	2.165610	.0186513
#3	4.141460	.3373293	-.126979	.0092436	1.099214	2.144833	.0199014

Sample Name: I4802-03LX5 Acquired: 8/21/2017 18:28:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METHE0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2122755	.0014314	.0124218
Stddev	.0025416	.0000307	.0000523
%RSD	1.197304	2.143271	.4208361

#1	.2098394	.0014212	.0123825
#2	.2120760	.0014659	.0124019
#3	.2149109	.0014072	.0124812

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1003.982	1793.279	38825.20	8433.863	2950.139
Stddev	3.402	2.383	49.35	49.358	3.680
%RSD	.3388579	.1328850	.1271192	.5852339	.1247249

#1	1007.902	1792.308	38812.07	8398.308	2947.213
#2	1001.799	1791.535	38783.74	8490.216	2948.934
#3	1002.245	1795.994	38879.79	8413.066	2954.270

Sample Name: I4802-06 Acquired: 8/21/2017 18:32:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHE1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0953894	-.017692	4.454140	-.010287	.0092925	101.3416	3.591944
Stddev	.0043071	.000379	.028766	.002860	.0005994	.5235	.018515
%RSD	4.515244	2.143938	.6458231	27.79874	6.450110	.5165353	.5154570

#1	.0920249	-.018102	4.428852	-.012628	.0089093	101.6231	3.602910
#2	.1002435	-.017620	4.448135	-.011134	.0099832	101.6641	3.602355
#3	.0938998	-.017354	4.485435	-.007100	.0089849	100.7376	3.570567

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144648	.0713837	58.20867	.1378187	.1336100	1.401820	258.4464
Stddev	.0002628	.0002721	.12927	.0012995	.0002074	.009330	.6972
%RSD	1.817121	.3811354	.2220833	.9428800	.1552274	.6655310	.2697763

#1	.0142903	.0716876	58.22677	.1386620	.1333705	1.411332	258.7249
#2	.0147671	.0711627	58.32794	.1363222	.1337308	1.401443	258.9613
#3	.0143370	.0713008	58.07131	.1384718	.1337287	1.392684	257.6529

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.704795	24.87431	.2631285	.0079306	2.253492	.3140222	8.677579
Stddev	.015355	.09936	.0021796	.0002449	.005084	.0006963	.055020
%RSD	.2290146	.3994368	.8283293	3.087823	.2256113	.2217196	.6340432

#1	6.712095	24.93511	.2624626	.0081774	2.249557	.3135299	8.671196
#2	6.715138	24.92818	.2613596	.0079265	2.251685	.3137180	8.626029
#3	6.687152	24.75965	.2655634	.0076877	2.259233	.3148188	8.735511

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.42985	1.842150	-.583542	.0462142	5.647805	6.911711	.2237755
Stddev	.08094	.011106	.001470	.0005491	.033637	.043916	.0020910
%RSD	.3961873	.6028754	.2518235	1.188251	.5955706	.6353806	.9344121

#1	20.44476	1.832333	-.585188	.0456558	5.621339	6.863736	.2237417
#2	20.50231	1.839912	-.583076	.0462333	5.636419	6.949925	.2217017
#3	20.34250	1.854204	-.582362	.0467536	5.685657	6.921472	.2258833

Sample Name: I4802-06 Acquired: 8/21/2017 18:32:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHE1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9278232	.0088257	.0558534
Stddev	.0045295	.0001299	.0002269
%RSD	.4881820	1.471338	.4062627

#1	.9269769	.0089114	.0559706
#2	.9327161	.0088892	.0559978
#3	.9237766	.0086763	.0555919

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1052.688	1888.852	41582.72	9328.994	2595.869
Stddev	1.497	3.725	87.66	38.044	8.227
%RSD	.1422426	.1972138	.2108123	.4077991	.3169172

#1	1051.609	1884.556	41507.97	9308.535	2588.193
#2	1054.397	1891.187	41561.00	9305.557	2604.554
#3	1052.057	1890.813	41679.20	9372.889	2594.860

Sample Name: I4802-07 Acquired: 8/21/2017 18:36:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHE2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0596975	-.010847	2.567126	-.006085	.0080869	87.87707	2.538436
Stddev	.0028093	.001368	.009554	.002465	.0015775	.23461	.010960
%RSD	4.705891	12.61148	.3721568	40.50129	19.50651	.2669749	.4317614

#1	.0611652	-.012351	2.560349	-.007425	.0098717	87.96880	2.541034
#2	.0614690	-.010512	2.562977	-.007590	.0075098	87.61045	2.526411
#3	.0564584	-.009677	2.578053	-.003241	.0068793	88.05195	2.547865

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082229	.0489645	44.21730	.1154266	.1095619	2.497066	168.3751
Stddev	.0001004	.0002304	.10793	.0015608	.0004357	.014756	.3169
%RSD	1.221180	.4706182	.2440821	1.352245	.3976915	.5909163	.1882229

#1	.0083226	.0486994	44.11643	.1137967	.1100647	2.502070	168.0280
#2	.0082244	.0490769	44.33112	.1155753	.1092947	2.480459	168.6491
#3	.0081218	.0491171	44.20435	.1169077	.1093263	2.508669	168.4480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.398875	25.75357	.1933795	.0057874	1.346016	.2481261	5.442185
Stddev	.010338	.05168	.0007192	.0000341	.120553	.0010045	.045442
%RSD	.1615592	.2006671	.3718970	.5895726	8.956285	.4048144	.8349982

#1	6.389086	25.69479	.1927019	.0058121	1.315668	.2472152	5.448191
#2	6.397854	25.79187	.1941341	.0058017	1.478844	.2492033	5.484325
#3	6.409686	25.77404	.1933026	.0057485	1.243538	.2479598	5.394038

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.00941	1.183646	-.411413	.0104366	2.925773	10.84286	.1240082
Stddev	.08361	.003562	.000944	.0005060	.011584	.07483	.0031327
%RSD	.4642321	.3009488	.2294359	4.848564	.3959393	.6901098	2.526240

#1	18.07424	1.186571	-.410940	.0108516	2.932550	10.81836	.1256401
#2	17.91505	1.179679	-.412500	.0098729	2.912397	10.92687	.1259880
#3	18.03896	1.184687	-.410799	.0105852	2.932371	10.78336	.1203964

Sample Name: I4802-07 Acquired: 8/21/2017 18:36:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METHE2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8316026	.0081388	.0528523
Stddev	.0054536	.0000459	.0001602
%RSD	.6557960	.5633875	.3031359

#1	.8318774	.0081742	.0529144
#2	.8260168	.0080870	.0526703
#3	.8369136	.0081553	.0529721

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1049.713	1881.544	41305.03	9224.561	2647.711
Stddev	7.577	5.073	43.89	24.485	4.223
%RSD	.7218006	.2696064	.1062551	.2654283	.1594995

#1	1046.340	1879.115	41344.99	9201.447	2647.505
#2	1044.409	1887.374	41312.06	9222.019	2652.033
#3	1058.391	1878.142	41258.06	9250.218	2643.595

Sample Name: I4802-08 Acquired: 8/21/2017 18:40:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METHE3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0499833	-.011127	1.140371	-.004193	.0063987	82.58180	2.771813
Stddev	.0046841	.001943	.004123	.002082	.0007566	.21485	.004326
%RSD	9.371219	17.45816	.3615469	49.65340	11.82417	.2601649	.1560735

#1	.0456738	-.012075	1.138807	-.003474	.0071460	82.47750	2.772439
#2	.0549685	-.012414	1.145048	-.006540	.0064169	82.43900	2.767207
#3	.0493076	-.008893	1.137259	-.002566	.0056331	82.82888	2.775791

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080507	.0287313	39.97697	.1147681	.1125355	.9669867	150.1915
Stddev	.0000272	.0001674	.18257	.0004748	.0008203	.0039036	.4807
%RSD	.3384089	.5825858	.4566872	.4136891	.7288999	.4036906	.3200618

#1	.0080341	.0285464	39.80575	.1146963	.1115967	.9670780	149.7198
#2	.0080821	.0287750	39.95608	.1152747	.1128961	.9630383	150.1740
#3	.0080359	.0288725	40.16909	.1143333	.1131137	.9708439	150.6807

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.646183	24.36006	.2048978	.0043411	1.422485	.2459910	3.525304
Stddev	.023295	.07996	.0017560	.0000103	.057502	.0035775	.018528
%RSD	.3505006	.3282296	.8570210	.2362535	4.042386	1.454323	.5255694

#1	6.622297	24.28245	.2029921	.0043441	1.447927	.2418774	3.543113
#2	6.647413	24.35555	.2052510	.0043297	1.356650	.2477199	3.506132
#3	6.668838	24.44218	.2064505	.0043495	1.462877	.2483757	3.526667

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.58003	.9840158	-.363209	.0088648	2.226226	11.40223	.0374060
Stddev	.05458	.0005236	.001497	.0001830	.010646	.10620	.0015838
%RSD	.3292211	.0532100	.4121341	2.063884	.4781915	.9313704	4.234109

#1	16.62906	.9834335	-.362077	.0089011	2.215755	11.48170	.0359469
#2	16.52122	.9841660	-.362644	.0086663	2.225885	11.44339	.0371808
#3	16.58980	.9844478	-.364906	.0090268	2.237038	11.28162	.0390904

Sample Name: I4802-08 Acquired: 8/21/2017 18:40:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: METHE3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8075362	.0074906	.0447811
Stddev	.0049797	.0000363	.0000842
%RSD	.6166490	.4841020	.1880065

#1	.8018174	.0075045	.0447793
#2	.8098768	.0074495	.0446977
#3	.8109143	.0075179	.0448661

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1077.267	1912.630	42031.73	9383.888	2674.529
Stddev	7.814	6.042	83.75	11.562	7.073
%RSD	.7253361	.3158838	.1992651	.1232147	.2644628

#1	1071.361	1919.544	41989.67	9378.900	2681.825
#2	1086.127	1908.367	42128.18	9397.107	2667.701
#3	1074.312	1909.979	41977.35	9375.657	2674.061

Sample Name: I4787-03A Acquired: 8/21/2017 18:44:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGS0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0603170	-.006363	.3487101	-.003270	.0044038	74.45131	1.867227
Stddev	.0021301	.001264	.0011116	.001612	.0016278	.08817	.001901
%RSD	3.531581	19.86820	.3187809	49.29503	36.96220	.1184314	.1017954

#1	.0589239	-.007050	.3488130	-.004602	.0038006	74.50862	1.866038
#2	.0627691	-.007136	.3475506	-.001478	.0062471	74.34978	1.866224
#3	.0592580	-.004904	.3497667	-.003728	.0031638	74.49555	1.869420

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066143	.0283098	57.37139	.0883999	.0841998	.1842270	136.8614
Stddev	.0000930	.0004382	.19914	.0005647	.0008468	.0015224	.5037
%RSD	1.405879	1.547981	.3471023	.6387851	1.005698	.8263521	.3680164

#1	.0065343	.0278958	57.55376	.0878384	.0835155	.1828593	137.1976
#2	.0065923	.0282647	57.15892	.0889677	.0839370	.1839545	136.2823
#3	.0067164	.0287688	57.40148	.0883936	.0851468	.1858672	137.1042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.010933	26.29888	.2068248	.0019898	.9648717	.2082779	9.319887
Stddev	.023007	.08283	.0011452	.0004582	.0725343	.0009643	.065520
%RSD	.4591361	.3149748	.5536843	23.02648	7.517504	.4629710	.7030119

#1	5.030675	26.38639	.2062797	.0020128	.9098312	.2093178	9.321745
#2	4.985667	26.22168	.2060540	.0015205	.9377190	.2081028	9.384459
#3	5.016458	26.28857	.2081407	.0024360	1.047065	.2074132	9.253458

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.73802	.8524282	-.340637	.0012939	1.199832	14.06189	.0084303
Stddev	.03456	.0060261	.002581	.0005390	.011385	.04196	.0007195
%RSD	.1948530	.7069283	.7576534	41.65476	.9488512	.2983878	8.534265

#1	17.70014	.8491375	-.337659	.0006729	1.190943	14.01955	.0087486
#2	17.76784	.8487639	-.342040	.0016393	1.195889	14.06266	.0089358
#3	17.74607	.8593831	-.342212	.0015696	1.212663	14.10346	.0076066

Sample Name: I4787-03A Acquired: 8/21/2017 18:44:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGS0A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9038398	.0076236	.0350685
Stddev	.0024688	.0000545	.0000955
%RSD	.2731417	.7143134	.2722885

#1	.9064255	.0075762	.0349645
#2	.9035864	.0076831	.0350888
#3	.9015075	.0076114	.0351522

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1050.084	1882.043	41096.31	9189.384	2667.715
Stddev	10.936	9.729	318.16	8.937	15.616
%RSD	1.041458	.5169232	.7741733	.0972482	.5853567

#1	1051.303	1887.802	41220.27	9188.296	2676.789
#2	1038.590	1887.516	40734.83	9198.814	2676.672
#3	1060.360	1870.810	41333.83	9181.041	2649.684

Sample Name: I4788-18A Acquired: 8/21/2017 18:48:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH95A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2183523	-.013398	.1709794	-.007634	.0045106	103.7091	1.952676
Stddev	.0060287	.001977	.0036885	.003605	.0018350	.1251	.006203
%RSD	2.760988	14.75681	2.157301	47.21975	40.68204	.1206563	.3176606

#1	.2252441	-.012279	.1675893	-.006325	.0024187	103.6648	1.957784
#2	.2157565	-.012234	.1749073	-.011710	.0052645	103.8503	1.954470
#3	.2140564	-.015681	.1704417	-.004866	.0058485	103.6121	1.945774

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090881	.0116161	46.58144	.1190933	.0909542	.2289877	176.4368
Stddev	.0000838	.0001954	.26228	.0018824	.0005386	.0017951	.3910
%RSD	.9216006	1.682381	.5630610	1.580613	.5922134	.7839432	.2215909

#1	.0090544	.0117619	46.31885	.1183611	.0908083	.2279351	176.1248
#2	.0091834	.0113941	46.58205	.1212317	.0905035	.2310605	176.3102
#3	.0090264	.0116924	46.84341	.1176870	.0915507	.2279675	176.8754

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.608746	35.70660	.2482668	.0029524	1.176814	.2375687	.8630360
Stddev	.015284	.04407	.0010683	.0001474	.096832	.0023435	.0076565
%RSD	.3316301	.1234321	.4303049	4.993370	8.228280	.9864517	.8871578

#1	4.595454	35.65629	.2491697	.0031045	1.078282	.2399654	.8632221
#2	4.605337	35.72510	.2470875	.0028101	1.271850	.2352823	.8552882
#3	4.625447	35.73841	.2485433	.0029426	1.180311	.2374585	.8705978

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.22967	.6468612	-.463149	-.000290	1.278688	8.847006	.0114404
Stddev	.05291	.0018174	.002371	.000288	.007150	.057924	.0012486
%RSD	.3070769	.2809557	.5118813	99.25093	.5592044	.6547287	10.91416

#1	17.17192	.6465772	-.460496	-.000167	1.281126	8.801056	.0125873
#2	17.27581	.6452026	-.465059	-.000084	1.270637	8.912071	.0101103
#3	17.24128	.6488039	-.463892	-.000619	1.284300	8.827891	.0116236

Sample Name: I4788-18A Acquired: 8/21/2017 18:48:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METH95A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4312248	.0115535	.0454349
Stddev	.0006054	.0000907	.0001618
%RSD	.1403838	.7853808	.3560267

#1	.4309678	.0115948	.0454697
#2	.4319163	.0116162	.0455764
#3	.4307903	.0114494	.0452586

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1081.262	1940.978	41983.90	9365.244	2639.746
Stddev	7.265	6.228	88.26	17.081	1.695
%RSD	.6719438	.3208756	.2102171	.1823831	.0642154

#1	1074.570	1936.778	41915.77	9378.090	2638.431
#2	1088.989	1938.022	42083.61	9345.860	2641.659
#3	1080.226	1948.134	41952.34	9371.781	2639.148

Sample Name: I4787-02DLX10 Acquired: 8/21/2017 19:17:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGR9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152514	-.001081	.1901637	.0004254	.0034486	6.240266
Stddev	.0020281	.002249	.0010606	.0034280	.0010962	.007426
%RSD	13.29755	207.9953	.5577222	805.7834	31.78644	.1189979

#1	.0131022	.001072	.1913822	-.002783	.0022950	6.231734
#2	.0171314	-.003415	.1894486	.000023	.0035744	6.243786
#3	.0155205	-.000901	.1896601	.004037	.0044765	6.245277

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1770037	.0012641	.0036533	47.81034	-.011844	.0062892
Stddev	.0001346	.0000604	.0000247	.20907	.000047	.0002031
%RSD	.0760459	4.774753	.6749797	.4372855	.3987051	3.229494

#1	.1770667	.0012013	.0036249	47.57453	-.011861	.0064953
#2	.1770953	.0012692	.0036699	47.88347	-.011791	.0062830
#3	.1768492	.0013217	.0036650	47.97301	-.011881	.0060893

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 39.66783	25.36570	.4672501	4.994661	.0157260	.0020340
Stddev	.11937	.07347	.0027165	.023710	.0005557	.0001485
%RSD	.3009227	.2896494	.5813848	.4747163	3.533718	7.300927

#1	39.79695	25.31259	.4655631	4.983189	.0162664	.0018625
#2	39.56150	25.33496	.4658033	4.978869	.0157554	.0021202
#3	39.64505	25.44955	.4703838	5.021926	.0151561	.0021193

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0995380	.0296805	4.334890	1.485229	-.180647	-.043672
Stddev	.0327961	.0011378	.008747	.019848	.001085	.001060
%RSD	32.94837	3.833667	.2017780	1.336341	.6003425	2.427490

#1	.1372656	.0294709	4.330005	1.486134	-.180833	-.042521
#2	.0835125	.0309085	4.329676	1.464944	-.179482	-.044608
#3	.0778358	.0286619	4.344988	1.504609	-.181627	-.043887

Sample Name: I4787-02DLX10 Acquired: 8/21/2017 19:17:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: METGR9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009932	1.759198	.7480035	.0035894	.1449827	.0003320
Stddev	.0003110	.011382	.0036009	.0012028	.0004579	.0000126
%RSD	31.30752	.6469870	.4814018	33.50962	.3158005	3.804722

#1	.0011820	1.768797	.7457272	.0024352	.1448468	.0003214
#2	.0011635	1.762173	.7521550	.0034975	.1454931	.0003460
#3	.0006343	1.746624	.7461283	.0048356	.1446081	.0003287

Elem	Sr4077
Units	ppm
Avg	.0102443
Stddev	.0000211
%RSD	.2061797

#1	.0102678
#2	.0102379
#3	.0102270

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	949.2754	1681.863	37136.31	8096.745	2885.999
Stddev	3.3916	1.980	101.69	14.545	5.407
%RSD	.3572862	.1177256	.2738312	.1796353	.1873592

#1	947.5402	1682.045	37019.08	8112.412	2883.056
#2	947.1025	1683.746	37200.78	8083.672	2892.239
#3	953.1835	1679.799	37189.07	8094.153	2882.701

Sample Name: I4718-01A Acquired: 8/21/2017 19:21:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7GD3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234542	-.007003	.2517682	.0022175	.1298726	41.11389	.3600240
Stddev	.0029045	.000883	.0024674	.0023480	.0010068	.04754	.0001829
%RSD	12.38386	12.61193	.9800344	105.8865	.7752267	.1156399	.0508116

#1	.0229810	-.007948	.2492986	.0008160	.1287103	41.15645	.3601104
#2	.0208153	-.006198	.2517726	.0009082	.1304317	41.12263	.3598139
#3	.0265662	-.006864	.2542334	.0049282	.1304757	41.06258	.3601478

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045815	.0027230	175.1902	.1274441	.0161973	.6962076	57.85654
Stddev	.0000978	.0000440	.3706	.0013160	.0001292	.0042385	.12661
%RSD	2.135518	1.614935	.2115561	1.032569	.7976204	.6088046	.2188365

#1	.0045303	.0027416	174.8828	.1287554	.0161756	.7006299	57.71141
#2	.0046943	.0027547	175.6017	.1261235	.0160804	.6958124	57.91376
#3	.0045199	.0026728	175.0860	.1274534	.0163360	.6921805	57.94443

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.315526	53.72519	.0702355	.0014952	.9407110	.0712177	2.210769
Stddev	.015571	.08396	.0005049	.0001660	.0975371	.0020126	.024215
%RSD	.1872555	.1562685	.7188294	11.09984	10.36845	2.826015	1.095318

#1	8.331305	53.67929	.0696526	.0016868	1.051970	.0729677	2.238711
#2	8.315103	53.67420	.0705334	.0014044	.869928	.0716670	2.195886
#3	8.300171	53.82209	.0705206	.0013945	.900235	.0690184	2.197712

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.961090	.2263136	-.119347	.0069518	3.092928	16.06784	.0127293
Stddev	.009648	.0031548	.000479	.0003594	.050844	.04823	.0008864
%RSD	.4919632	1.393995	.4011660	5.169985	1.643880	.3001791	6.963815

#1	1.961268	.2227500	-.119480	.0071261	3.040012	16.01645	.0117209
#2	1.970647	.2274412	-.118816	.0065385	3.097364	16.11212	.0130813
#3	1.951354	.2287497	-.119745	.0071908	3.141409	16.07496	.0133856

Sample Name: I4718-01A Acquired: 8/21/2017 19:21:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7GD3A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7318051	.0034117	.0277765
Stddev	.0006126	.0000569	.0000640
%RSD	.0837134	1.667955	.2305382

#1	.7322041	.0033884	.0278167
#2	.7321114	.0034766	.0278101
#3	.7310997	.0033702	.0277026

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	931.6113	1646.329	36325.60	8127.418	2593.710
Stddev	6.9413	9.172	190.23	13.465	19.533
%RSD	.7450853	.5571227	.5236842	.1656719	.7531087

#1	923.9683	1656.412	36141.86	8121.420	2615.641
#2	933.3425	1644.094	36521.72	8117.996	2587.311
#3	937.5233	1638.481	36313.23	8142.840	2578.179

Sample Name: CCV039 Acquired: 8/21/2017 19:25:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV039 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.975475	4.694020	24.22163	4.934510	4.992048	385.7452
Stddev	.008651	.021398	.06837	.028266	.021716	1.8634
%RSD	.1738818	.4558572	.2822786	.5728283	.4350184	.4830540

#1	4.984615	4.685434	24.19168	4.938295	4.987468	383.7828
#2	4.967413	4.678249	24.17334	4.904542	4.972987	387.4905
#3	4.974396	4.718377	24.29987	4.960693	5.015689	385.9623

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08735	.5026015	2.475089	392.1080	14.65307	2.482918
Stddev	.06926	.0007437	.006656	.7192	.04220	.007332
%RSD	.6865807	.1479613	.2689340	.1834181	.2880021	.2953043

#1	10.12974	.5028684	2.475342	391.3239	14.67909	2.482482
#2	10.00743	.5017612	2.468309	392.2632	14.60438	2.475813
#3	10.12488	.5031748	2.481614	392.7370	14.67574	2.490458

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.31073	388.8347	14.08003	391.4889	2.482626	1.277047
Stddev	.10482	.8943	.02853	.6212	.008245	.007044
%RSD	.6846045	.2299985	.2026030	.1586799	.3321164	.5515939

#1	15.38189	387.8023	14.04780	391.2070	2.481320	1.283317
#2	15.35994	389.3731	14.09023	392.2010	2.475111	1.269425
#3	15.19036	389.3285	14.10205	391.0586	2.491446	1.278400

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	391.3936	2.465708	14.50686	154.1382	F 5.740615	F 4.129401
Stddev	1.5382	.008510	.13058	.8044	.031302	.017057
%RSD	.3929932	.3451511	.9000991	.5218715	.5452788	.4130574

#1	392.3180	2.456266	14.40644	154.6814	5.722376	4.143874
#2	392.2448	2.472788	14.65447	154.5192	5.722710	4.110596
#3	389.6180	2.468071	14.45967	153.2141	5.776759	4.133733

Sample Name: CCV039 Acquired: 8/21/2017 19:25:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV039 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.924744	5.195627	4.903455	4.967922	4.987413	5.498249
Stddev	.019983	.030898	.005728	.031492	.010164	.023645
%RSD	.4057577	.5946907	.1168123	.6339052	.2038020	.4300381

#1	4.938252	5.178604	4.905109	4.973399	4.986799	5.523616
#2	4.901789	5.176985	4.897082	4.934051	4.997870	5.476821
#3	4.934190	5.231293	4.908174	4.996316	4.977569	5.494311

Elem	Sr4077
Units	ppm
Avg	5.291023
Stddev	.027865
%RSD	.5266558

#1	5.270306
#2	5.322702
#3	5.280060

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	766.5569	1393.592	31024.79	7307.088	2003.961
Stddev	8.1538	4.734	26.36	10.830	6.525
%RSD	1.063690	.3396986	.0849700	.1482130	.3255979

#1	770.9937	1391.341	31003.41	7318.343	2005.444
#2	757.1468	1399.031	31016.72	7296.740	2009.616
#3	771.5301	1390.403	31054.25	7306.179	1996.822

Sample Name: CCB039 Acquired: 8/21/2017 19:29:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB039 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001781	.0002836	-.000733	-.002255	.0003889	-.000107	.0006920
Stddev	.000210	.0003236	.000544	.002629	.0003306	.000694	.0002804
%RSD	11.79900	114.1386	74.18961	116.5937	85.00911	647.9073	40.51497

#1	-.001742	.0004132	-.001346	.000572	.0005214	-.000447	.0004486
#2	-.002007	-.000085	-.000306	-.004627	.0000126	.000691	.0006289
#3	-.001593	.000522	-.000548	-.002709	.0006327	-.000565	.0009985

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001132	-.000010	.0005834	.0002324	.0000027	.0009585	.0068354
Stddev	.0000291	.000054	.0022251	.0000659	.0001887	.0008466	.0054021
%RSD	25.73683	568.7265	381.3941	28.33433	7060.736	88.32768	79.03155

#1	.0001342	.000015	-.000625	.0002748	-.000112	.0005645	.0056020
#2	.0001255	-.000072	-.000776	.0001565	.000220	.0019303	.0127476
#3	.0000799	.000028	.003151	.0002659	-.000100	.0003807	.0021567

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000396	-.019744	.0004389	.0000233	-.032972	-.001645	-.001537
Stddev	.0002067	.012995	.0002466	.0000742	.013743	.001264	.001515
%RSD	521.8560	65.81804	56.17732	318.3085	41.67926	76.82232	98.56820

#1	.0002614	-.034212	.0002471	.0000157	-.020624	-.001624	.000080
#2	-.000148	-.015956	.0007170	-.000047	-.030515	-.002920	-.002923
#3	.000005	-.009064	.0003526	.000101	-.047778	-.000392	-.001769

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0562233	-.000104	.0036674	.0006681	-.017908	.0003528	.0007730
Stddev	.0288756	.000170	.0003607	.0002428	.001437	.0005592	.0014416
%RSD	51.35879	164.3674	9.833975	36.34541	8.027056	158.5036	186.4821

#1	.0720134	-.000236	.0038632	.0007905	-.016520	-.000259	-.000891
#2	.0228959	.000088	.0038879	.0003884	-.019390	.000837	.001580
#3	.0737606	-.000163	.0032512	.0008255	-.017815	.000481	.001630

Sample Name: CCB039 Acquired: 8/21/2017 19:29:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v133) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB039 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002139	.0001601	.0001202
Stddev	.0001826	.0000774	.0000053
%RSD	85.36113	48.35148	4.424055

#1	.0000135	.0002420	.0001231
#2	.0002576	.0000881	.0001235
#3	.0003707	.0001503	.0001141

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	995.0769	1766.967	38557.86	8203.388	3182.821
Stddev	4.2086	3.197	54.39	58.485	10.895
%RSD	.4229379	.1809290	.1410514	.7129389	.3423055

#1	999.2928	1765.595	38619.58	8135.874	3173.955
#2	995.0623	1770.621	38516.99	8238.530	3194.983
#3	990.8757	1764.685	38536.99	8235.760	3179.525