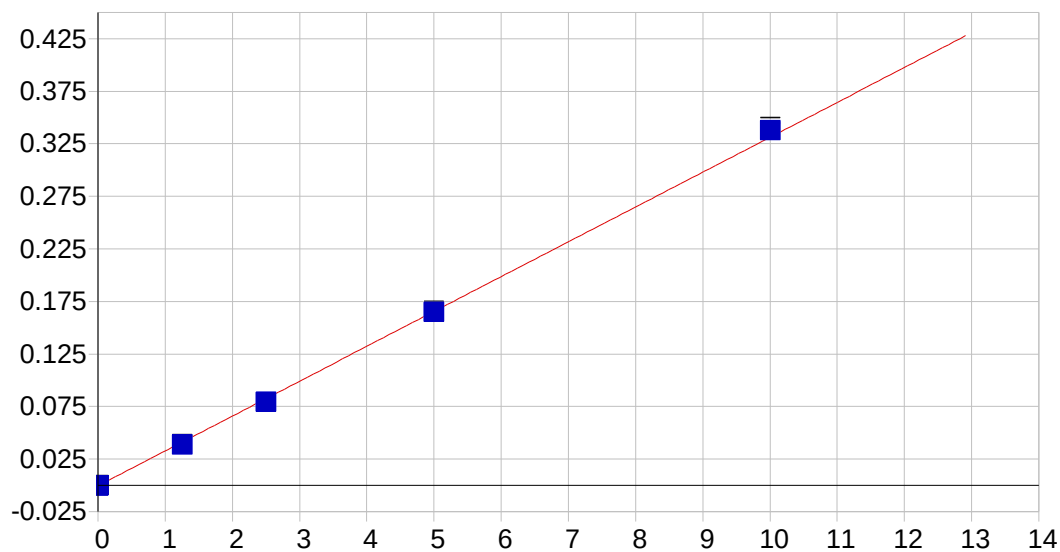


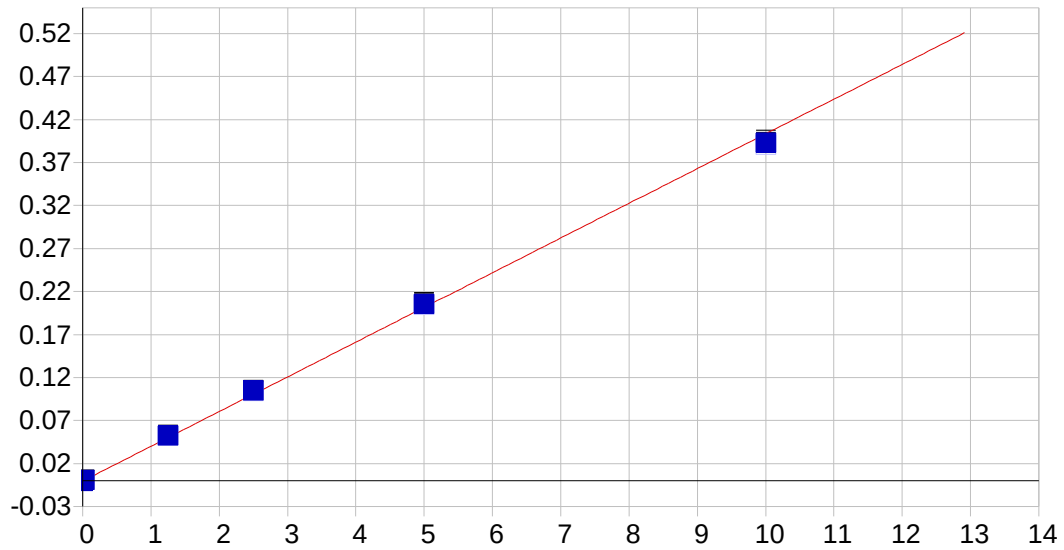


As 189.042 {479}

Date of Fit: 5/24/2018 16:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000326 Re-Slope: 1.000000
 A1 (Gain): 0.033159 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999680 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.003809
 Predicted MQL: 0.012696

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.01000	.01142	.001	14.2	.00005	.000	1
S2	1.2500	1.1731	-.077	-6.15	.03867	.000	1
S3	2.5000	2.4068	-.093	-3.73	.07968	.000	1
S4	5.0000	4.9800	-.020	-.399	.16520	.001	1
S5	10.000	10.189	.189	1.89	.33830	.003	1



TI 190.856 {477}

Date of Fit: 5/24/2018 16:49:09

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000375

Re-Slope: 1.000000

A1 (Gain): 0.040380

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999595

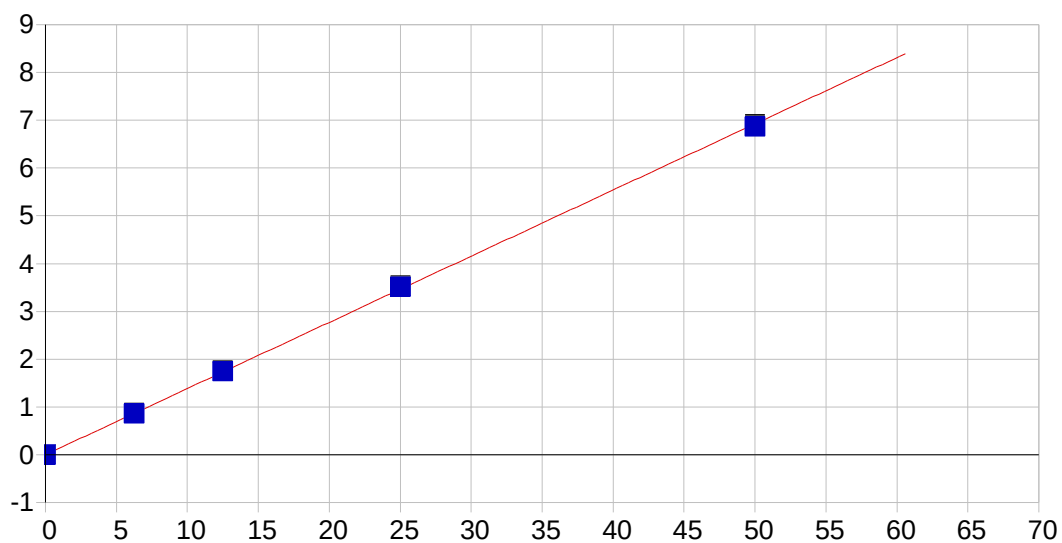
Status: OK.

Std Error of Est: 0.000030

Predicted MDL: 0.002460

Predicted MQL: 0.008199

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00037	.000	1
S1	.02500	.02726	.002	9.03	.00071	.000	1
S2	1.2500	1.3089	.059	4.71	.05217	.001	1
S3	2.5000	2.5959	.096	3.84	.10384	.001	1
S4	5.0000	5.0973	.097	1.95	.20423	.002	1
S5	10.000	9.7456	-.254	-2.54	.39071	.003	1

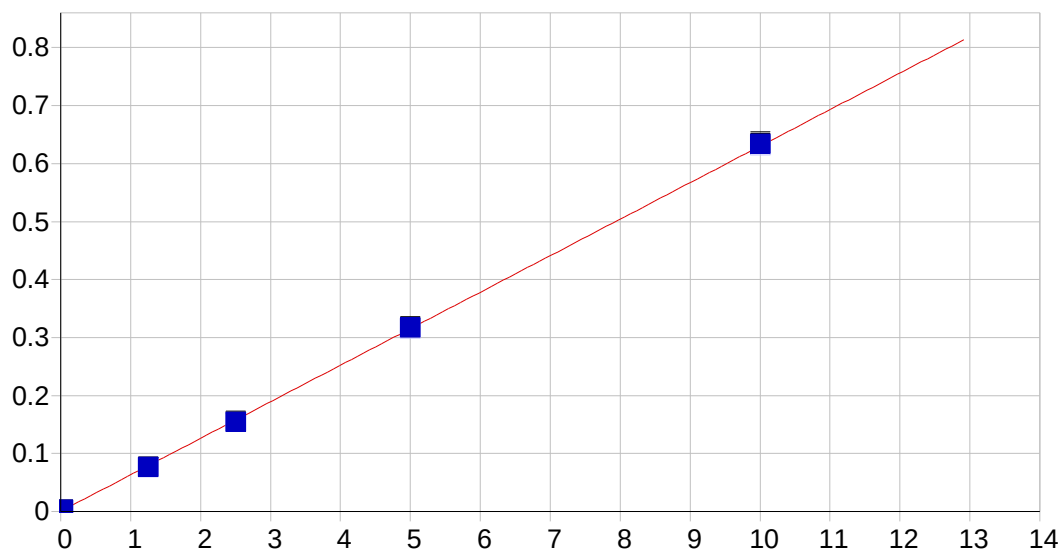


Pb 220.353 {453}

Date of Fit: 5/24/2018 16:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000008 Re-Slope: 1.000000
 A1 (Gain): 0.138504 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.001741
 Predicted MQL: 0.005804

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.00992	.000	-.754	.00138	.000	1
S2	6.2500	6.2403	-.010	-.155	.86566	.001	1
S3	12.500	12.575	.075	.602	1.7444	.008	1
S4	25.000	25.342	.342	1.37	3.5154	.016	1
S5	50.000	49.592	-.408	-.816	6.8796	.032	1



Date of Fit: 5/24/2018 16:49:09

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000312

Re-Slope: 1.000000

A1 (Gain): 0.062986

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999921

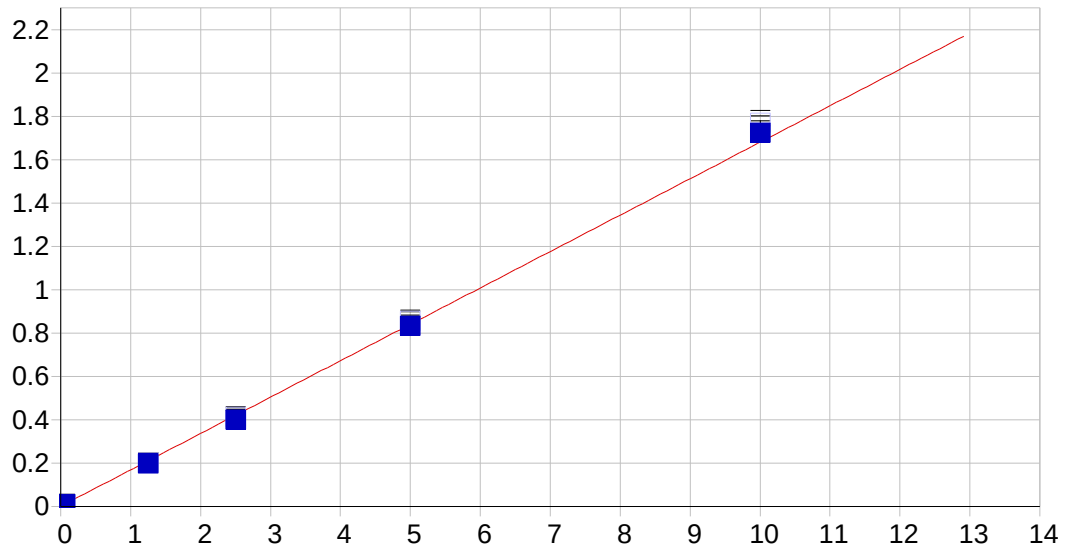
Status: OK.

Std Error of Est: 0.000025

Predicted MDL: 0.003137

Predicted MQL: 0.010457

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00031	.000	1
S1	.03500	.03710	.002	6.01	.00265	.000	1
S2	1.2500	1.2099	-.040	-3.21	.07615	.000	1
S3	2.5000	2.4501	-.050	-2.00	.15389	.001	1
S4	5.0000	5.0247	.025	.495	.31532	.002	1
S5	10.000	10.063	.063	.631	.63120	.004	1

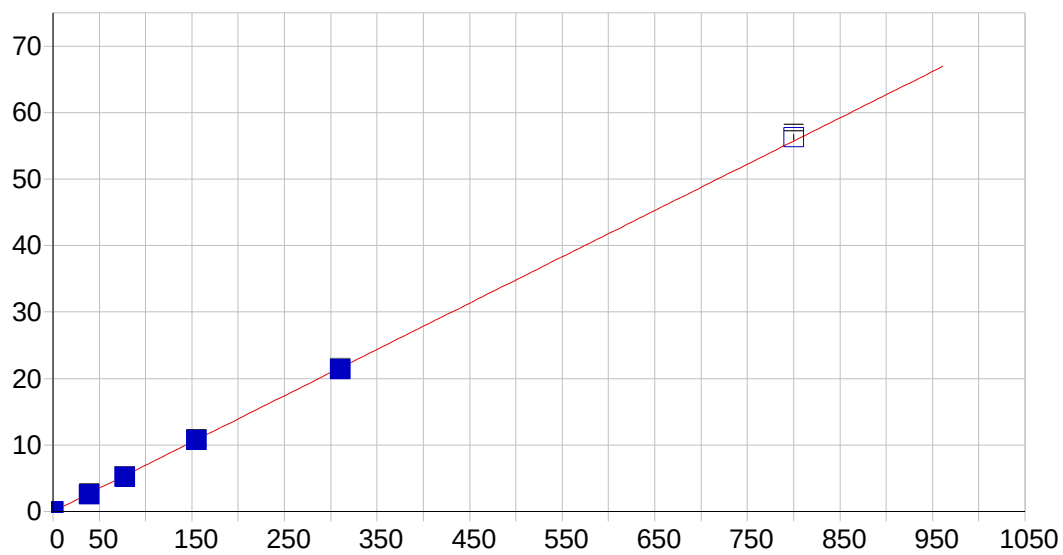


Sb 206.833 {463}

Date of Fit: 5/24/2018 16:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000687 Re-Slope: 1.000000
 A1 (Gain): 0.167933 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999541 Status: OK.
 Std Error of Est: 0.000215
 Predicted MDL: 0.001526
 Predicted MQL: 0.005086

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00069	.000	1
S1	.06000	.05761	-.002	-3.98	.01036	.000	1
S2	1.2500	1.1653	-.085	-6.78	.20209	.001	1
S3	2.5000	2.3794	-.121	-4.83	.41170	.002	1
S4	5.0000	4.9580	-.042	-.840	.85617	.003	1
S5	10.000	10.250	.250	2.50	1.7677	.012	1

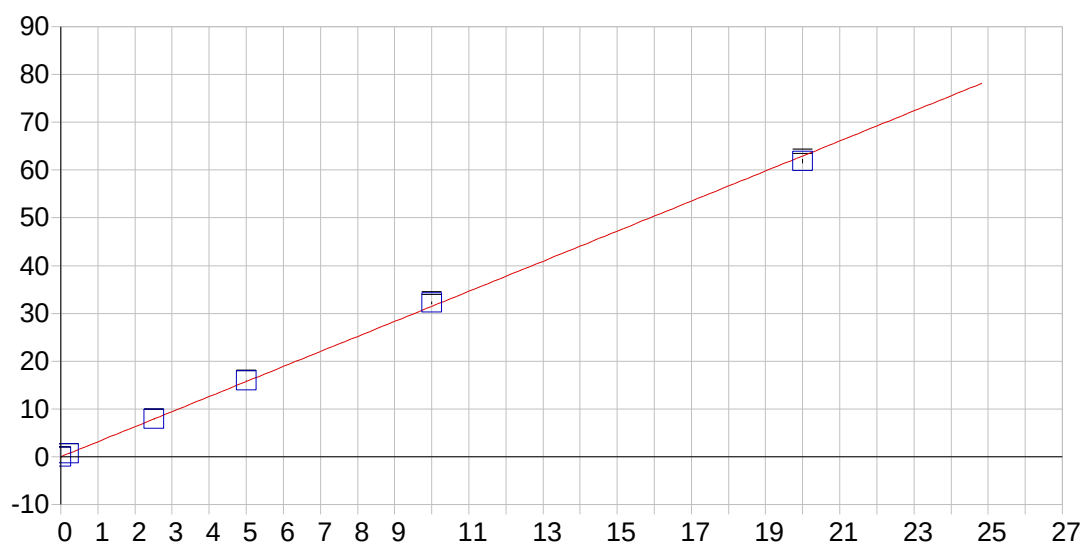


AI 396.152 { 85}

Date of Fit: 5/24/2018 16:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001179 Re-Slope: 1.000000
 A1 (Gain): 0.069645 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913 Status: OK.
 Std Error of Est: 0.000573
 Predicted MDL: 0.010652
 Predicted MQL: 0.035505

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00118	.000	1
S1	.20000	.19429	-.006	-2.85	.01473	.000	1
S2	38.750	37.188	-1.56	-4.03	2.5936	.015	1
S3	77.500	75.059	-2.44	-3.15	5.2336	.018	1
S4	155.00	154.05	-.950	-.613	10.740	.104	1
S5	310.00	307.33	-2.67	-.860	21.425	.089	1
S6	800.00	807.63	7.63	.954	56.248	.504	1

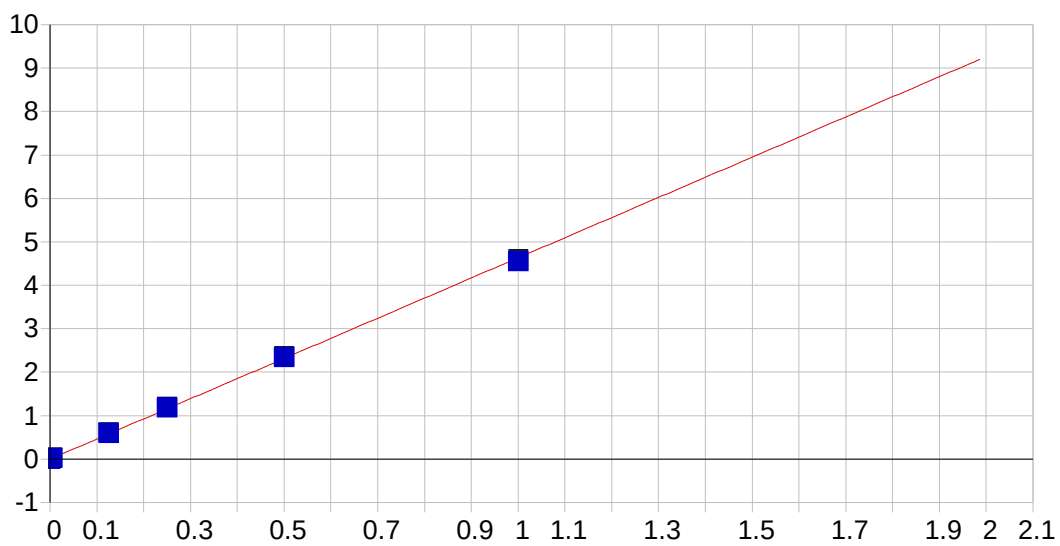


Ba 493.409 { 68}

Date of Fit: 5/24/2018 16:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.008809 Re-Slope: 1.000000
 A1 (Gain): 3.147679 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833 Status: OK.
 Std Error of Est: 0.006117
 Predicted MDL: 0.000670
 Predicted MQL: 0.002234

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00885	.001	1
S1	.20000	.20557	.006	2.79	.63827	.003	1
S2	2.5000	2.5288	.029	1.15	7.9510	.003	1
S3	5.0000	5.0700	.070	1.40	15.950	.055	1
S4	10.000	10.233	.233	2.33	32.202	.310	1
S5	20.000	19.662	-.338	-1.69	61.882	.502	1

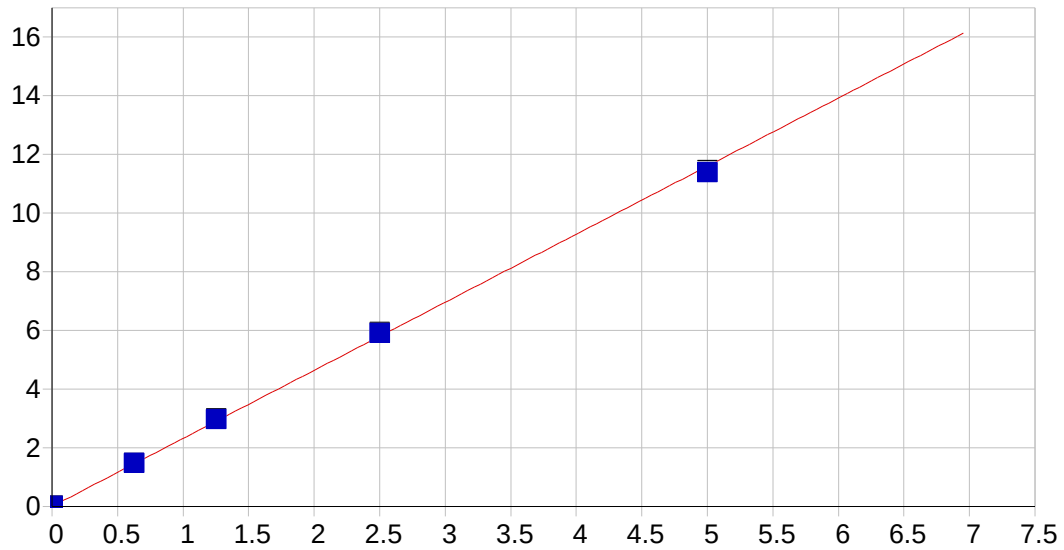


Be 234.861 {144}

Date of Fit: 5/24/2018 16:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001873 Re-Slope: 1.000000
 A1 (Gain): 4.634206 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999819 Status: OK.
 Std Error of Est: 0.000329
 Predicted MDL: 0.000071
 Predicted MQL: 0.000237

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00188	.000	1
S1	.00500	.00516	.000	3.22	.02202	.000	1
S2	.12500	.12944	.004	3.55	.59543	.001	1
S3	.25000	.25643	.006	2.57	1.1814	.007	1
S4	.50000	.50572	.006	1.14	2.3316	.021	1
S5	1.0000	.98326	-.017	-1.67	4.5345	.034	1

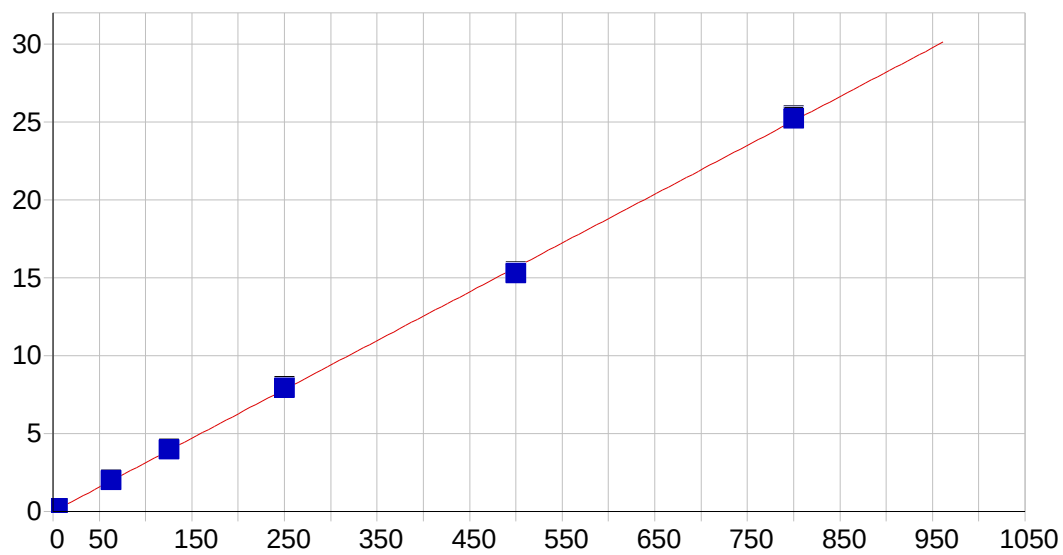


Cd 214.438 {457}

Date of Fit: 5/24/2018 16:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000631 Re-Slope: 1.000000
 A1 (Gain): 2.320698 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999806 Status: OK.
 Std Error of Est: 0.000384
 Predicted MDL: 0.000082
 Predicted MQL: 0.000274

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00063	.000	1
S1	.00500	.00521	.000	4.27	.01274	.000	1
S2	.62500	.63984	.015	2.37	1.4885	.003	1
S3	1.2500	1.2819	.032	2.55	2.9815	.018	1
S4	2.5000	2.5448	.045	1.79	5.9183	.025	1
S5	5.0000	4.9082	-.092	-1.84	11.415	.055	1

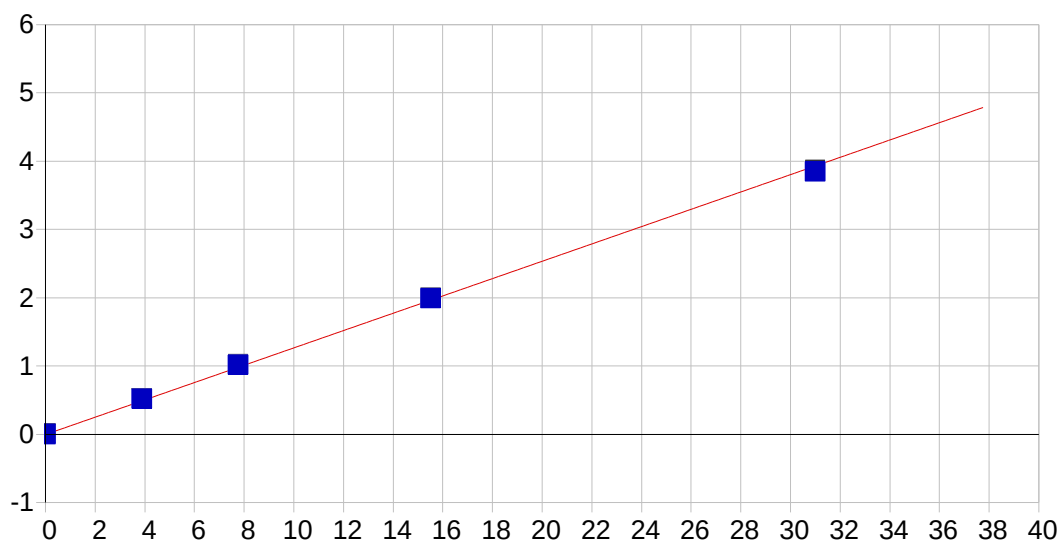


Ca 373.690 { 90}

Date of Fit: 5/24/2018 16:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001319 Re-Slope: 1.000000
 A1 (Gain): 0.031323 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999871 Status: OK.
 Std Error of Est: 0.001766
 Predicted MDL: 0.016815
 Predicted MQL: 0.056050

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00051	-.001	.000	.00130	.000	1
S1	5.0000	5.3201	.320	6.40	.16798	.001	1
S2	62.500	64.224	1.72	2.76	2.0200	.004	1
S3	125.00	126.91	1.91	1.53	3.9906	.010	1
S4	250.00	253.03	3.03	1.21	7.9548	.054	1
S5	500.00	487.98	-12.0	-2.40	15.342	.045	1
S6	800.00	805.02	5.02	.627	25.365	.058	1

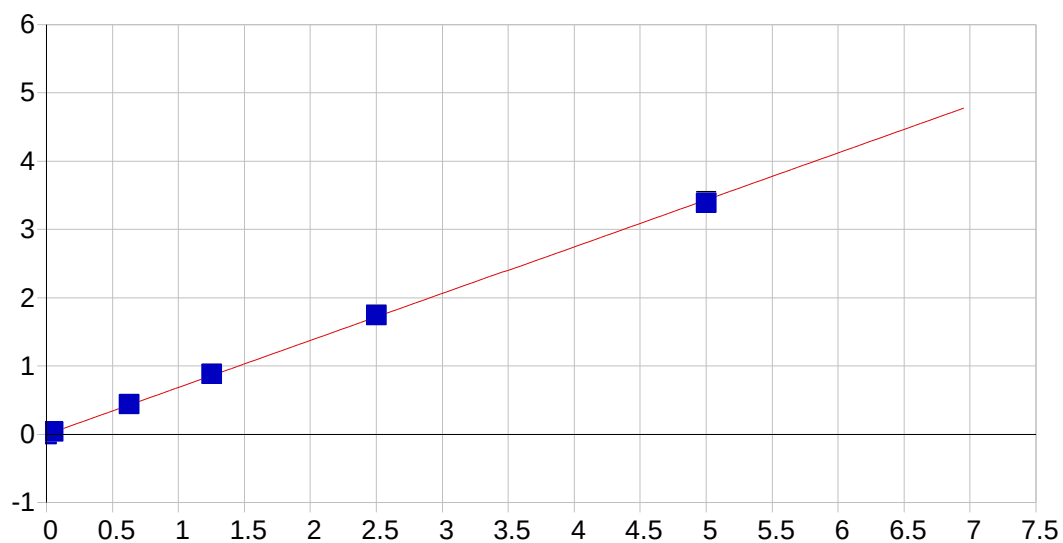


Cr 267.716 {126}

Date of Fit: 5/24/2018 16:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000036 Re-Slope: 1.000000
 A1 (Gain): 0.126876 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999654 Status: OK.
 Std Error of Est: 0.000099
 Predicted MDL: 0.000465
 Predicted MQL: 0.001551

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.01000	.01106	.001	10.6	.00144	.000	1
S2	3.8750	4.0988	.224	5.78	.52095	.000	1
S3	7.7500	8.0251	.275	3.55	1.0200	.002	1
S4	15.500	15.689	.189	1.22	1.9941	.004	1
S5	31.000	30.311	-.689	-2.22	3.8527	.014	1

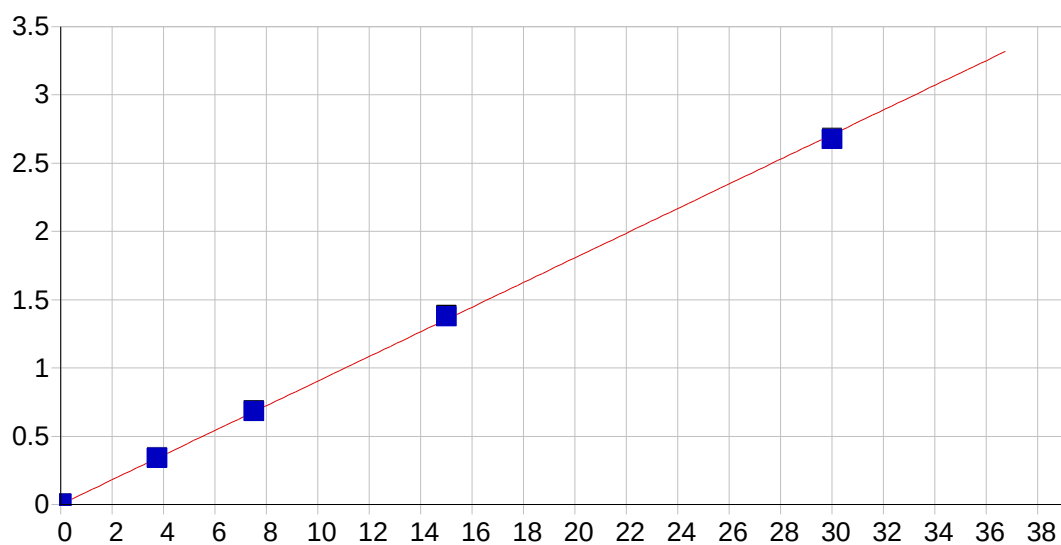


Co 228.616 {448}

Date of Fit: 5/24/2018 16:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000468 Re-Slope: 1.000000
 A1 (Gain): 0.686844 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999880 Status: OK.
 Std Error of Est: 0.000283
 Predicted MDL: 0.000270
 Predicted MQL: 0.000900

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00047	.000	1
S1	.05000	.04988	.000	-.239	.03392	.000	1
S2	.62500	.63388	.009	1.42	.43576	.002	1
S3	1.2500	1.2771	.027	2.16	.87837	.006	1
S4	2.5000	2.5362	.036	1.45	1.7449	.007	1
S5	5.0000	4.9280	-.072	-1.44	3.3911	.017	1

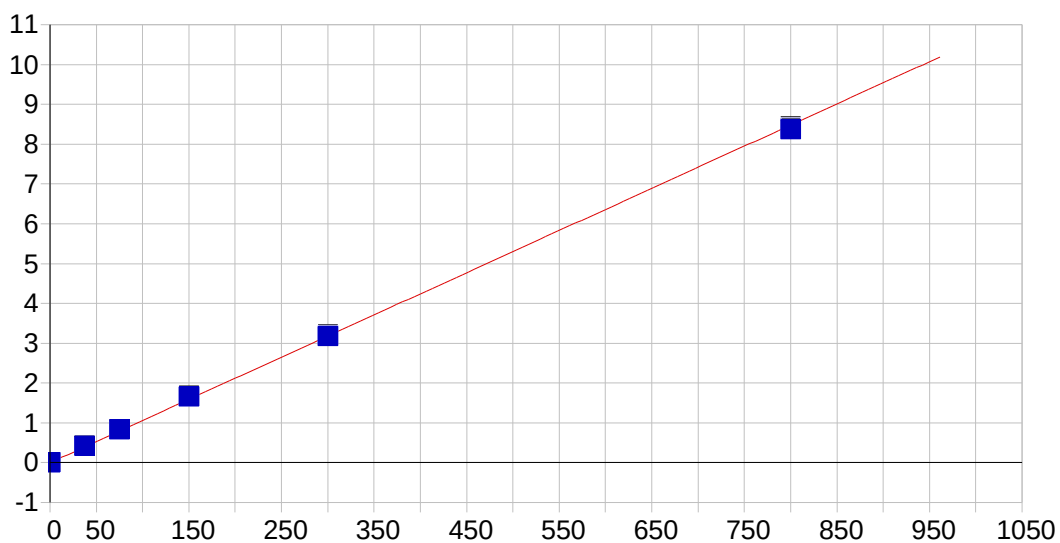


Cu 324.754 {104}

Date of Fit: 5/24/2018 16:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000742 Re-Slope: 1.000000
 A1 (Gain): 0.090296 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.003821
 Predicted MQL: 0.012736

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00074	.000	1
S1	.02500	.02499	.000	-.044	.00299	.000	1
S2	3.7500	3.7882	.038	1.02	.34259	.001	1
S3	7.5000	7.5727	.073	.970	.68411	.003	1
S4	15.000	15.239	.239	1.59	1.3759	.011	1
S5	30.000	29.650	-.350	-1.17	2.6764	.006	1

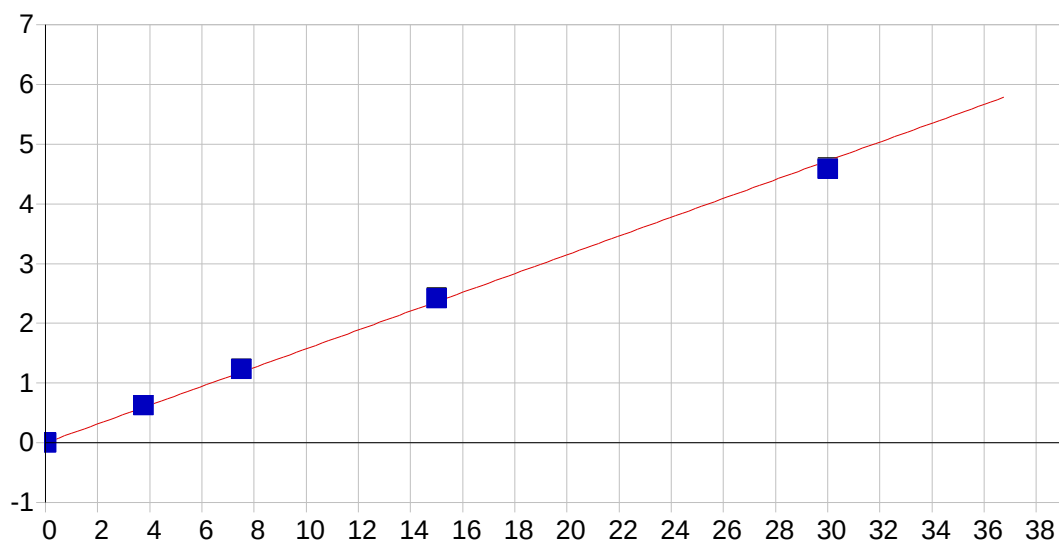


Fe 259.837 {130}

Date of Fit: 5/24/2018 16:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000031 Re-Slope: 1.000000
 A1 (Gain): 0.010600 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999796 Status: OK.
 Std Error of Est: 0.000094
 Predicted MDL: 0.016401
 Predicted MQL: 0.054671

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00003	.000	1
S1	.10000	.11763	.018	17.6	.00130	.000	1
S2	37.500	39.145	1.64	4.39	.41709	.006	1
S3	75.000	77.937	2.94	3.92	.83043	.005	1
S4	150.00	155.94	5.94	3.96	1.6615	.018	1
S5	300.00	299.83	-.173	-.058	3.1952	.016	1
S6	800.00	789.62	-10.4	-1.30	8.4086	.032	1

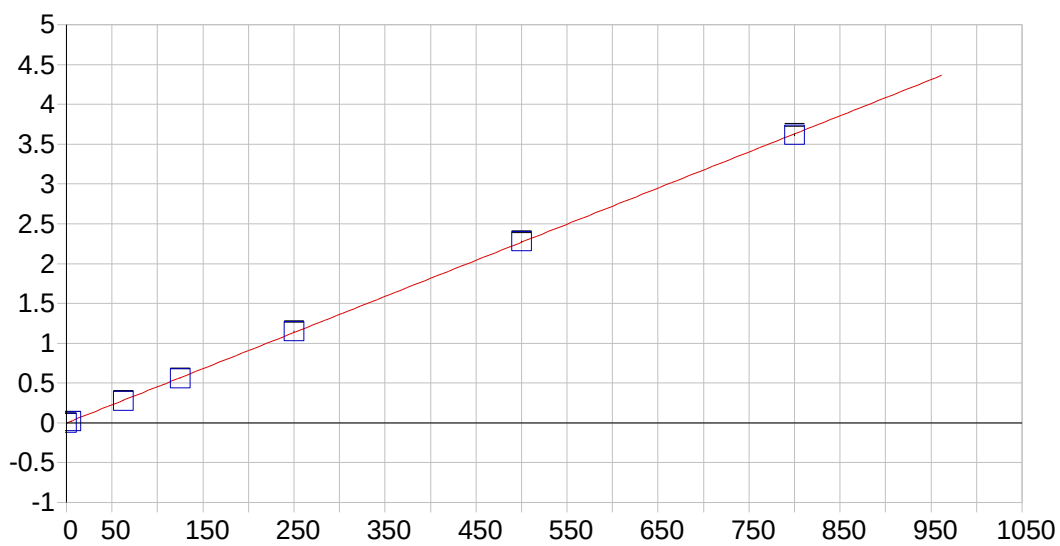


Mn 257.610 {131}

Date of Fit: 5/24/2018 16:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000054 Re-Slope: 1.000000
 A1 (Gain): 0.157350 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999475 Status: OK.
 Std Error of Est: 0.000181
 Predicted MDL: 0.001019
 Predicted MQL: 0.003398

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00005	.000	1
S1	.01500	.01716	.002	14.4	.00265	.000	1
S2	3.7500	3.9650	.215	5.73	.62397	.002	1
S3	7.5000	7.8186	.319	4.25	1.2305	.001	1
S4	15.000	15.337	.337	2.25	2.4137	.013	1
S5	30.000	29.127	-.873	-2.91	4.5842	.015	1

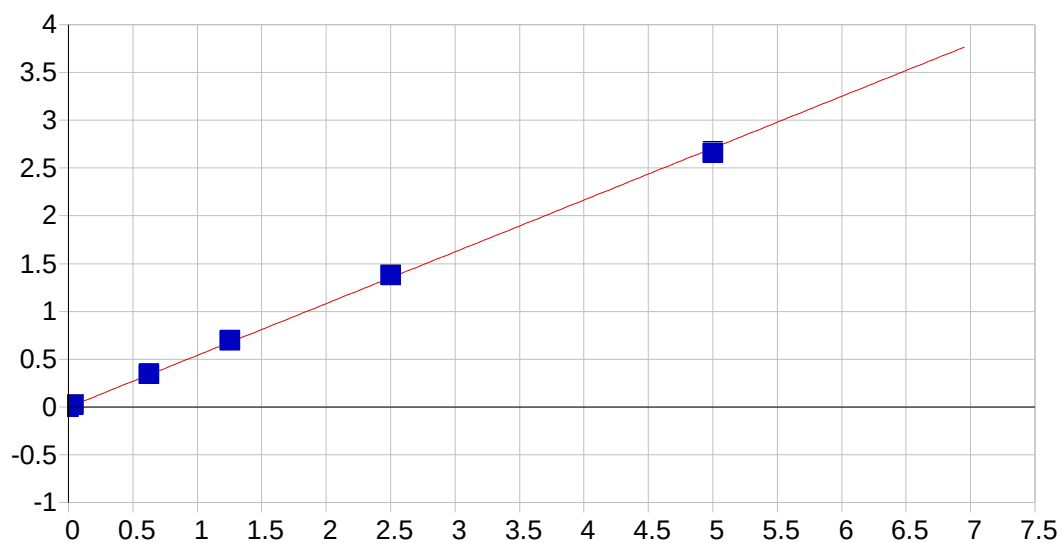


Mg 279.079 {121}

Date of Fit: 5/24/2018 16:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000222 Re-Slope: 1.000000
 A1 (Gain): 0.004538 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.000132
 Predicted MDL: 0.046696
 Predicted MQL: 0.155652

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00025	.000	.000	-.00022	.000	1
S1	5.0000	4.8515	-.148	-2.97	.02179	.000	1
S2	62.500	61.041	-1.46	-2.33	.27675	.002	1
S3	125.00	123.49	-1.51	-1.21	.56013	.003	1
S4	250.00	253.43	3.43	1.37	1.1497	.010	1
S5	500.00	502.20	2.20	.441	2.2785	.010	1
S6	800.00	797.48	-2.52	-.315	3.6184	.014	1

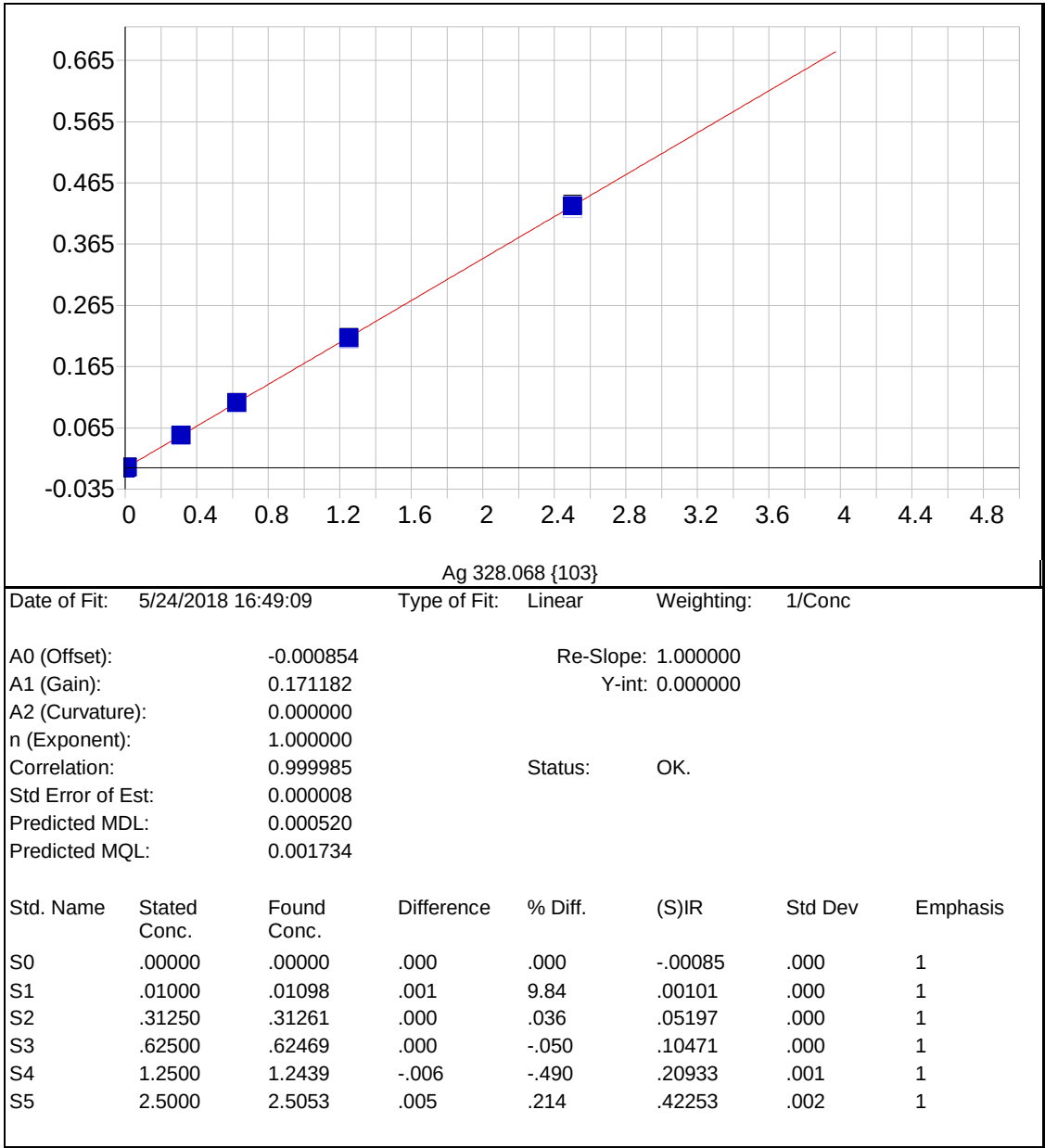


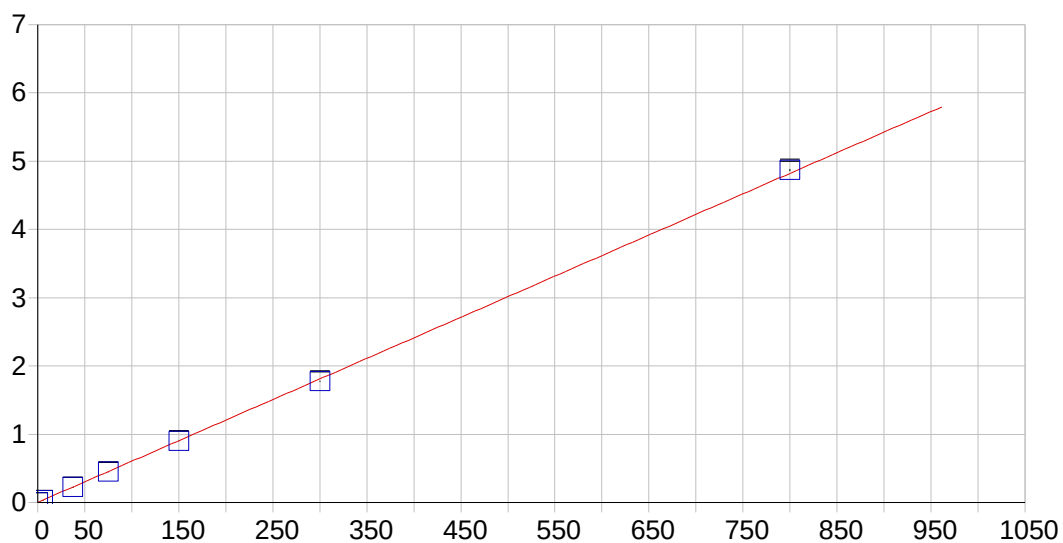
Ni 231.604 {446}

Date of Fit: 5/24/2018 16:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001906 Re-Slope: 1.000000
 A1 (Gain): 0.541901 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999815 Status: OK.
 Std Error of Est: 0.000248
 Predicted MDL: 0.000401
 Predicted MQL: 0.001337

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00191	.000	1
S1	.04000	.04152	.002	3.79	.02060	.000	1
S2	.62500	.64047	.015	2.47	.34586	.001	1
S3	1.2500	1.2786	.029	2.28	.69234	.004	1
S4	2.5000	2.5444	.044	1.78	1.3797	.005	1
S5	5.0000	4.9101	-.090	-1.80	2.6644	.012	1





Na 818.326 { 41}

Date of Fit: 5/24/2018 16:49:09

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001501

Re-Slope: 1.000000

A1 (Gain): 0.006027

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999924

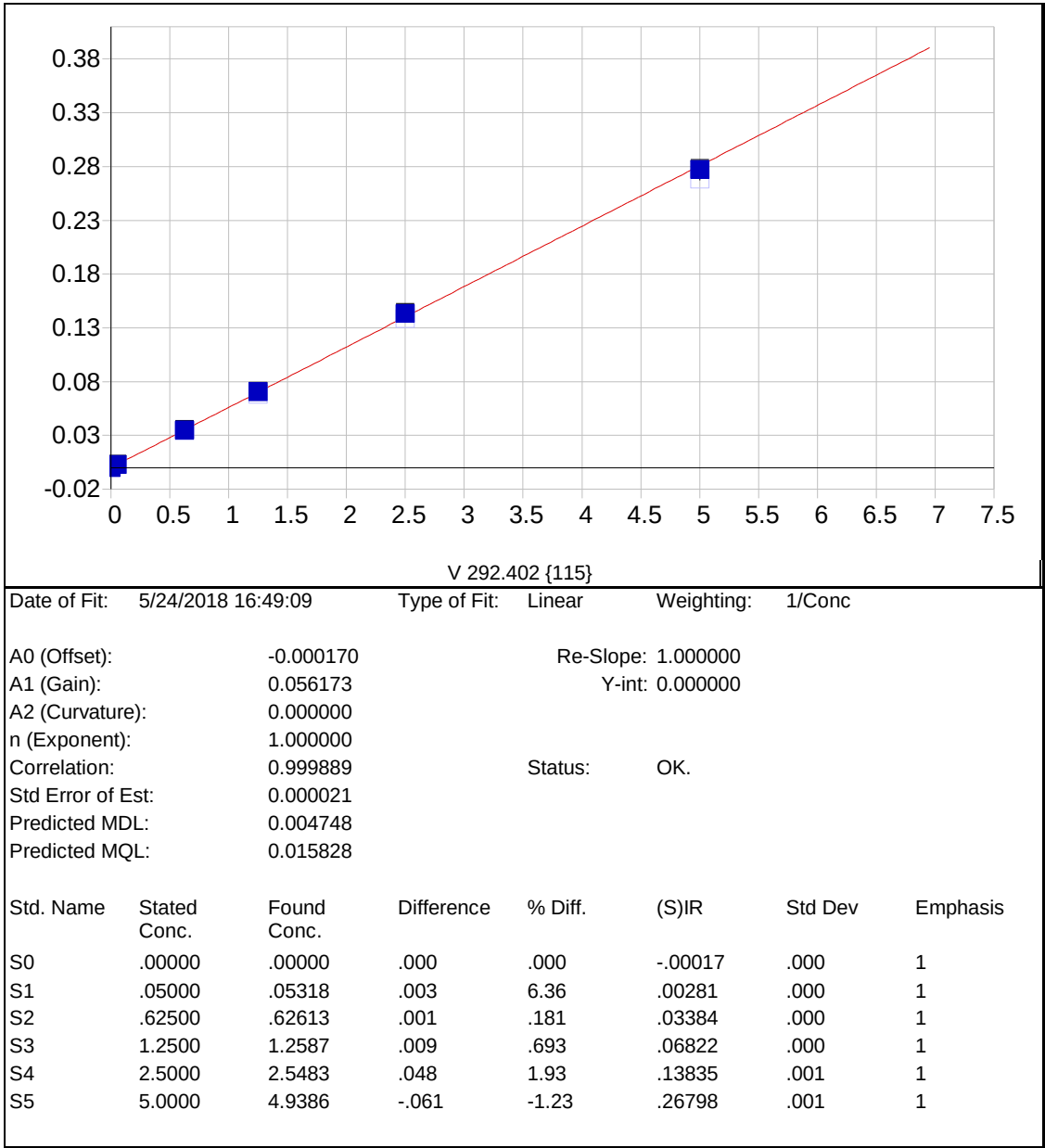
Status: OK.

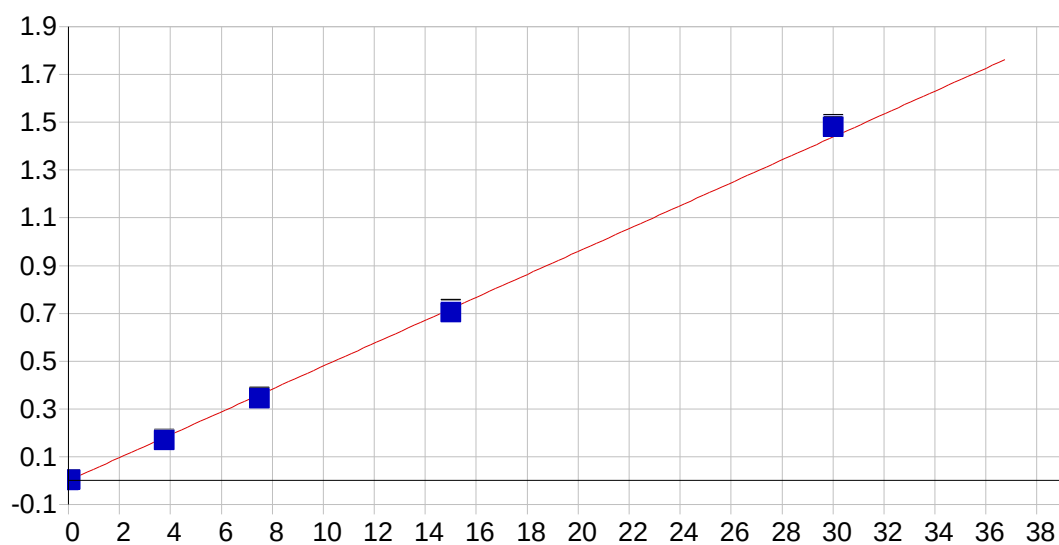
Std Error of Est: 0.000230

Predicted MDL: 0.241495

Predicted MQL: 0.804984

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00015	.000	.000	.00150	.001	1
S1	5.0000	5.0535	.053	1.07	.03196	.001	1
S2	37.500	36.927	-.573	-1.53	.22405	.001	1
S3	75.000	73.938	-1.06	-1.42	.44711	.001	1
S4	150.00	149.74	-.262	-.174	.90394	.006	1
S5	300.00	294.23	-5.77	-1.92	1.7748	.009	1
S6	800.00	807.61	7.61	.951	4.8688	.014	1



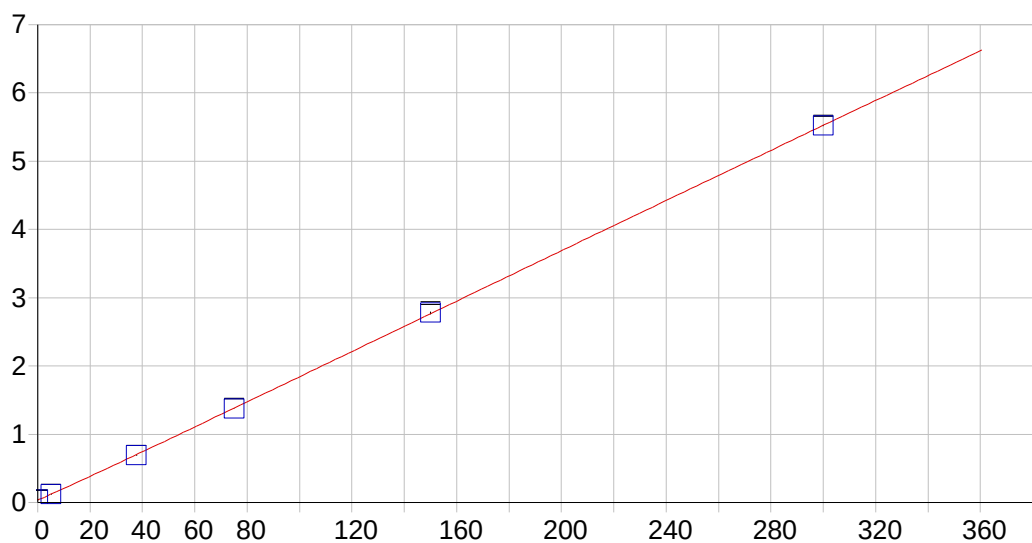


Zn 213.856 {158}

Date of Fit: 5/24/2018 16:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000074 Re-Slope: 1.000000
 A1 (Gain): 0.047944 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999504 Status: OK.
 Std Error of Est: 0.000108
 Predicted MDL: 0.007234
 Predicted MQL: 0.024114

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00007	.000	1
S1	.06000	.05690	-.003	-5.16	.00266	.000	1
S2	3.7500	3.5371	-.213	-5.68	.17036	.003	1
S3	7.5000	7.1734	-.327	-4.35	.34554	.004	1
S4	15.000	14.696	-.304	-2.02	.70791	.010	1
S5	30.000	30.846	.846	2.82	1.4856	.007	1

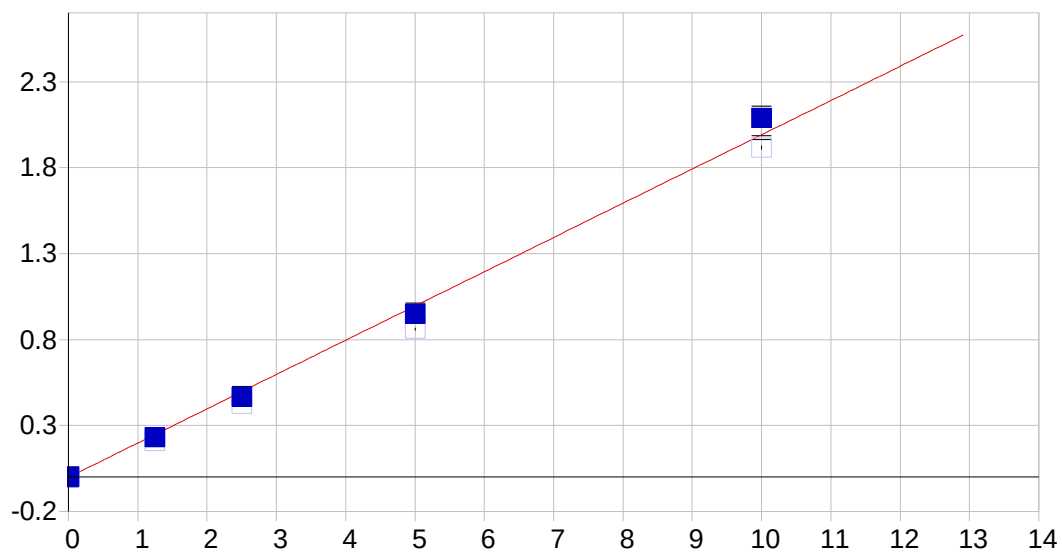


K 769.896 { 44}

Date of Fit: 5/24/2018 16:49:09 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	0.036226	Re-Slope: 1.000000
A1 (Gain):	0.015882	Y-int: 0.000000
A2 (Curvature):	-0.000001	
n (Exponent):	1.030000	
Correlation:	0.999991	Status: OK.
Std Error of Est:	0.000228	
Predicted MDL:	0.071664	
Predicted MQL:	0.238879	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.03622	.001	1
S1	5.0000	5.1240	.124	2.48	.12166	.001	1
S2	37.500	37.203	-.297	-.791	.69256	.002	1
S3	75.000	74.680	-.320	-.426	1.3767	.003	1
S4	150.00	150.75	.746	.497	2.7790	.021	1
S5	300.00	299.74	-.257	-.086	5.5195	.010	1

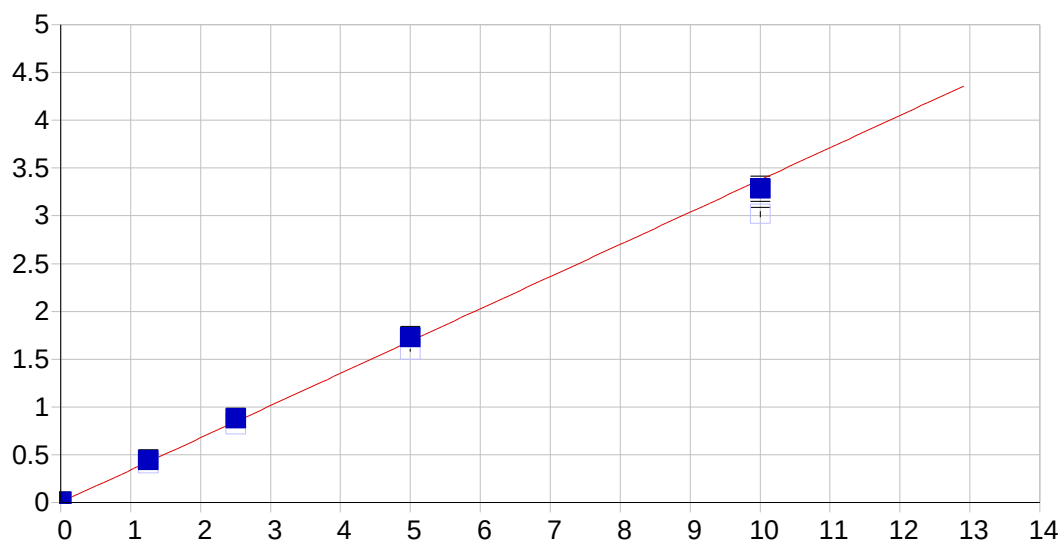


P 177.495 {490}

Date of Fit: 5/24/2018 16:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000734 Re-Slope: 1.000000
 A1 (Gain): 0.199247 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998170 Status: OK.
 Std Error of Est: 0.000185
 Predicted MDL: 0.000359
 Predicted MQL: 0.001196

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00073	.000	1
S1	.01000	.00186	-.008	-81.4	-.00049	.000	1
S2	1.2500	1.1585	-.092	-7.32	.20860	.001	1
S3	2.5000	2.3499	-.150	-6.00	.42452	.002	1
S4	5.0000	4.7620	-.238	-4.76	.86216	.008	1
S5	10.000	10.488	.488	4.88	1.9171	.010	1

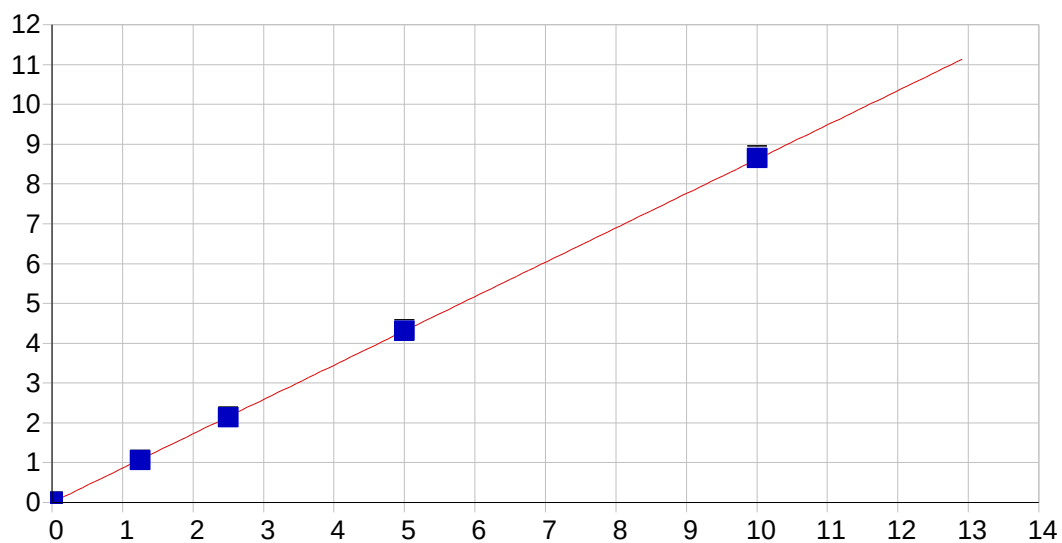


B 249.678 {135}

Date of Fit: 5/24/2018 16:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002245 Re-Slope: 1.000000
 A1 (Gain): 0.337318 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999453 Status: OK.
 Std Error of Est: 0.000172
 Predicted MDL: 0.001096
 Predicted MQL: 0.003652

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00225	.000	1
S1	.01000	.00734	-.003	-26.6	.00465	.000	1
S2	1.2500	1.3054	.055	4.44	.40920	.002	1
S3	2.5000	2.6029	.103	4.12	.81346	.006	1
S4	5.0000	5.1154	.115	2.31	1.5942	.013	1
S5	10.000	9.7291	-.271	-2.71	3.0169	.031	1

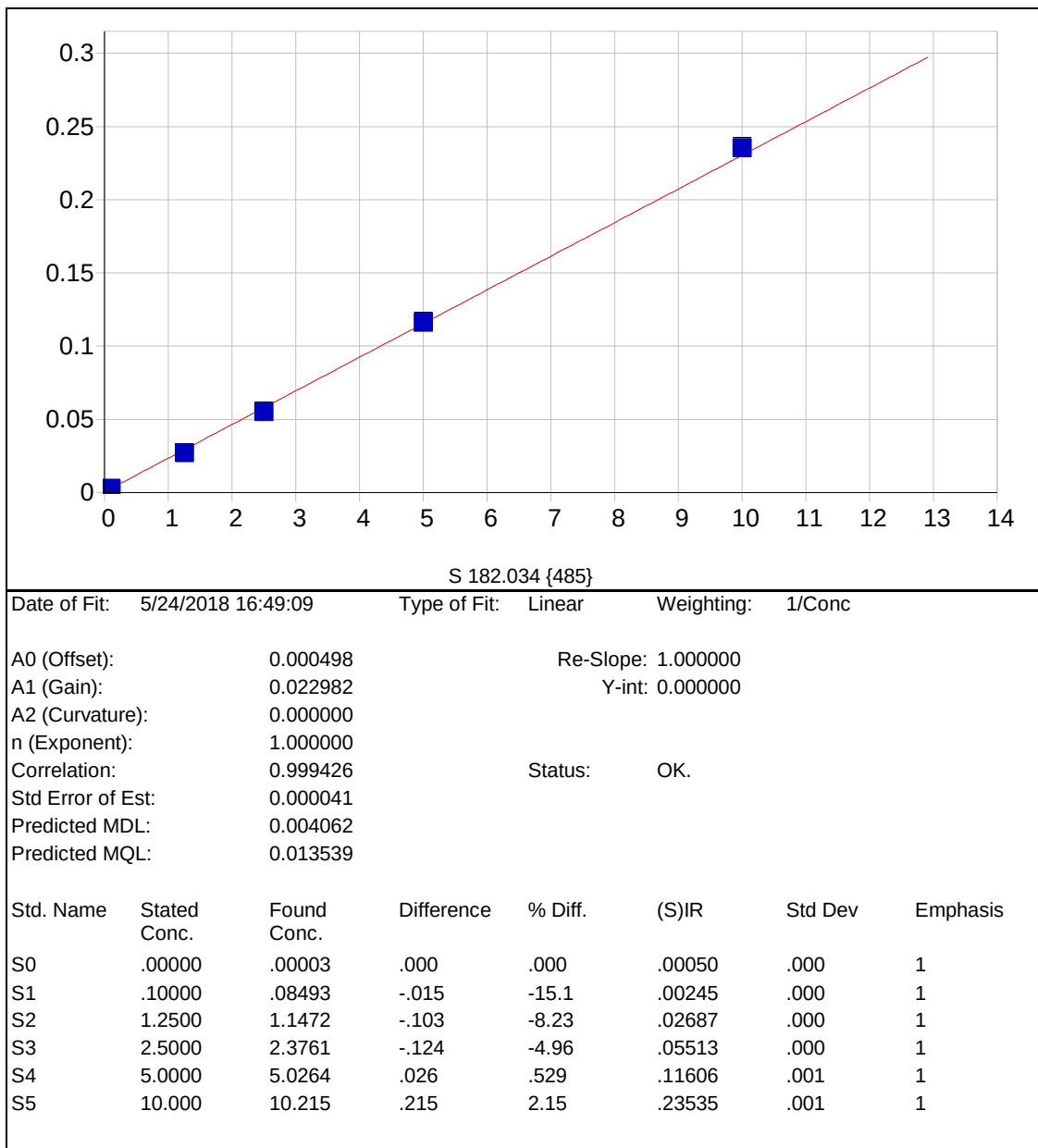


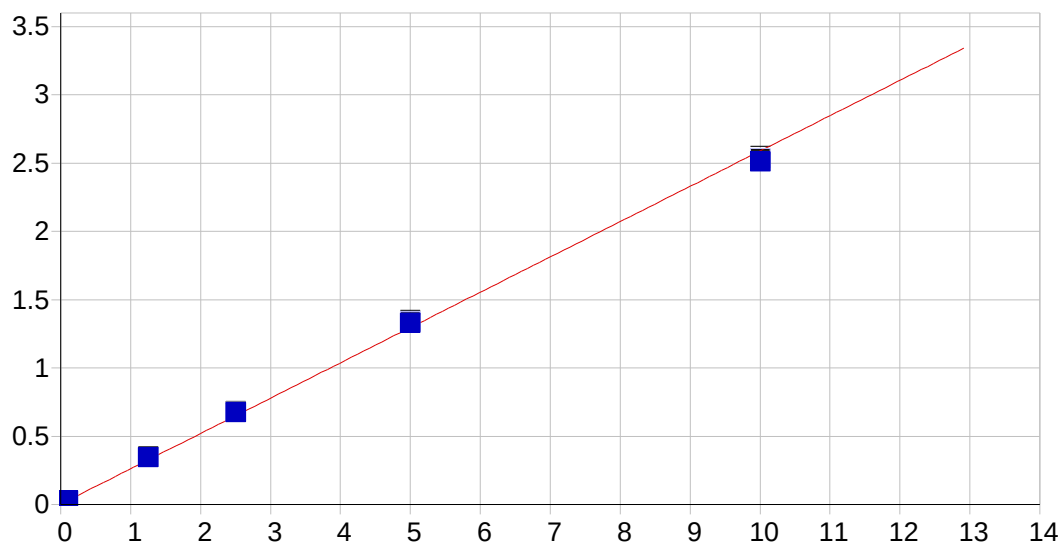
Mo 202.030 {467}

Date of Fit: 5/24/2018 16:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000238 Re-Slope: 1.000000
 A1 (Gain): 0.861965 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000073
 Predicted MDL: 0.000261
 Predicted MQL: 0.000869

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00024	.000	1
S1	.01000	.01004	.000	.355	.00888	.000	1
S2	1.2500	1.2311	-.019	-1.51	1.0613	.004	1
S3	2.5000	2.4844	-.016	-.625	2.1416	.012	1
S4	5.0000	5.0050	.005	.100	4.3142	.027	1
S5	10.000	10.030	.030	.295	8.6450	.056	1



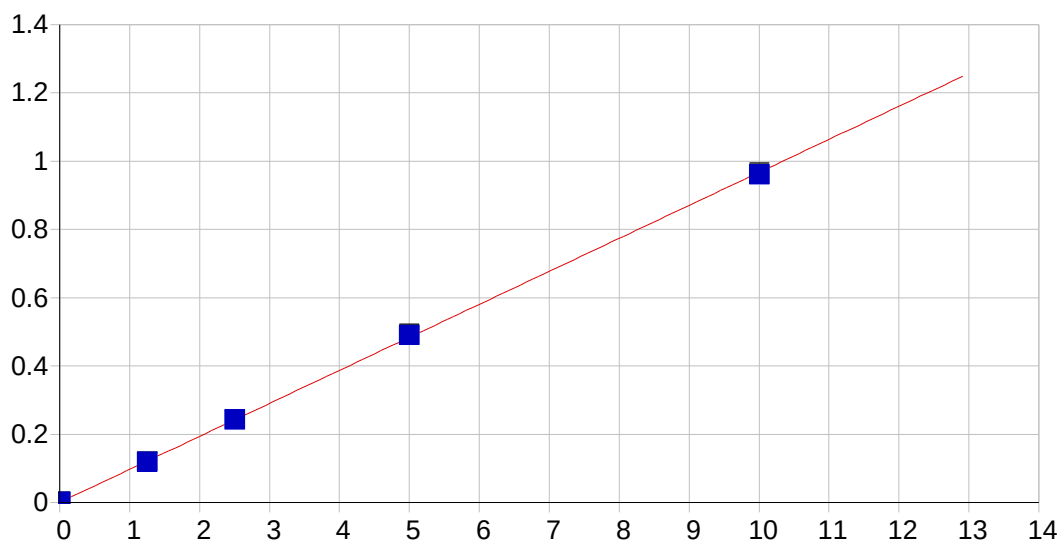


Si 251.611 {134}

Date of Fit: 5/24/2018 16:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003046 Re-Slope: 1.000000
 A1 (Gain): 0.258611 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999481 Status: OK.
 Std Error of Est: 0.000446
 Predicted MDL: 0.001298
 Predicted MQL: 0.004328

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00304	.000	1
S1	.10000	.09622	-.004	-3.78	.02802	.000	1
S2	1.2500	1.3183	.068	5.46	.34662	.002	1
S3	2.5000	2.5974	.097	3.90	.68006	.004	1
S4	5.0000	5.1329	.133	2.66	1.3411	.009	1
S5	10.000	9.7052	-.295	-2.95	2.5341	.016	1

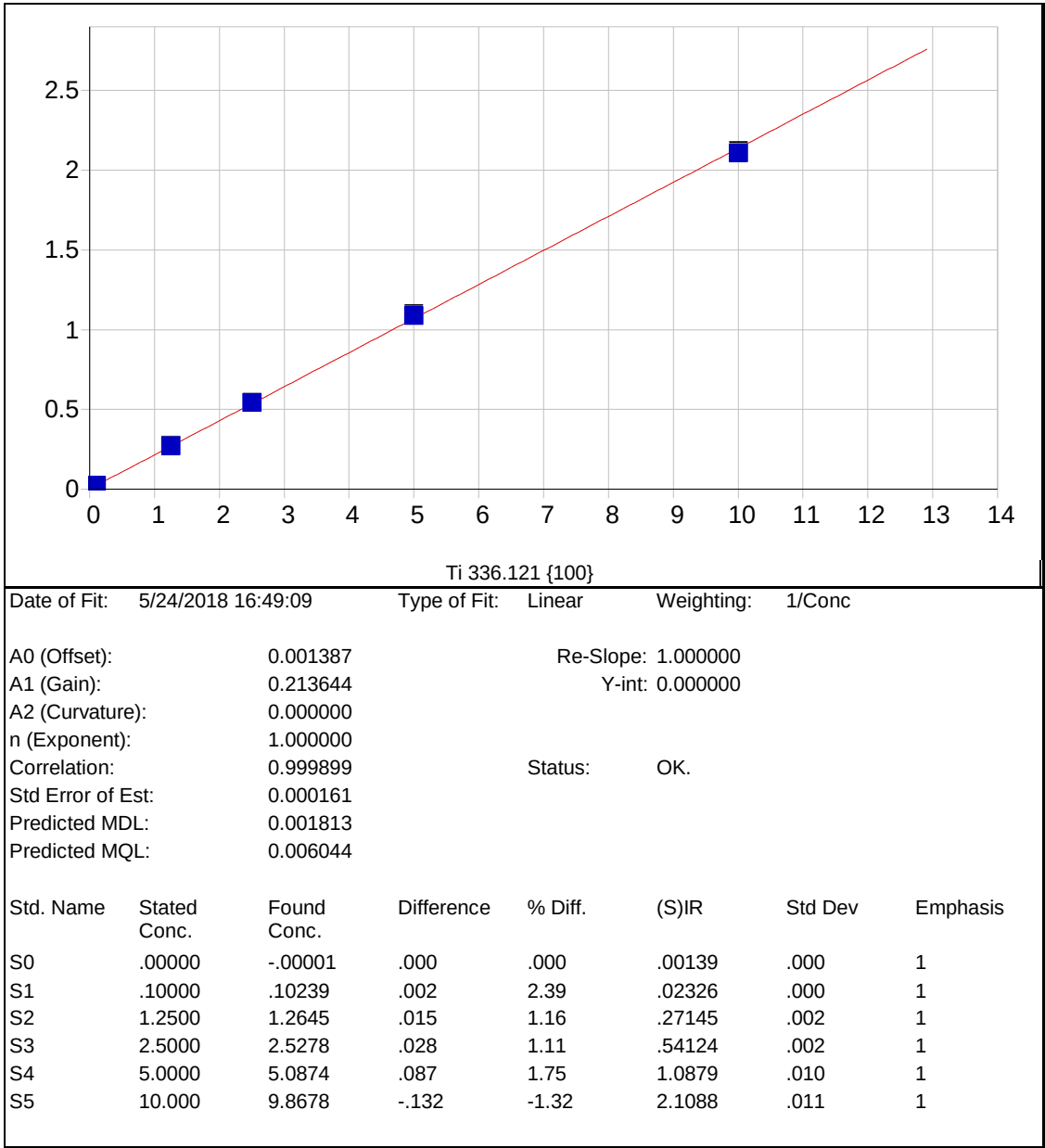


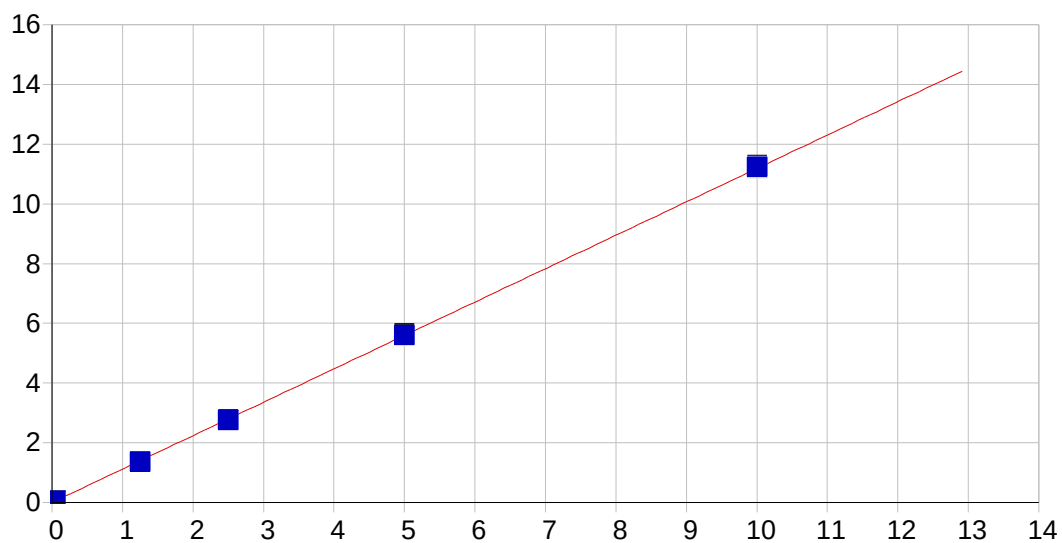
Sn 189.989 {478}

Date of Fit: 5/24/2018 16:49:09 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000245 Re-Slope: 1.000000
 A1 (Gain): 0.096708 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.000971
 Predicted MQL: 0.003238

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00025	.000	1
S1	.00700	.00712	.000	1.68	.00091	.000	1
S2	1.2500	1.2319	-.018	-1.45	.11911	.000	1
S3	2.5000	2.5026	.003	.106	.24174	.001	1
S4	5.0000	5.0747	.075	1.49	.48994	.003	1
S5	10.000	9.9407	-.059	-.593	.95945	.004	1



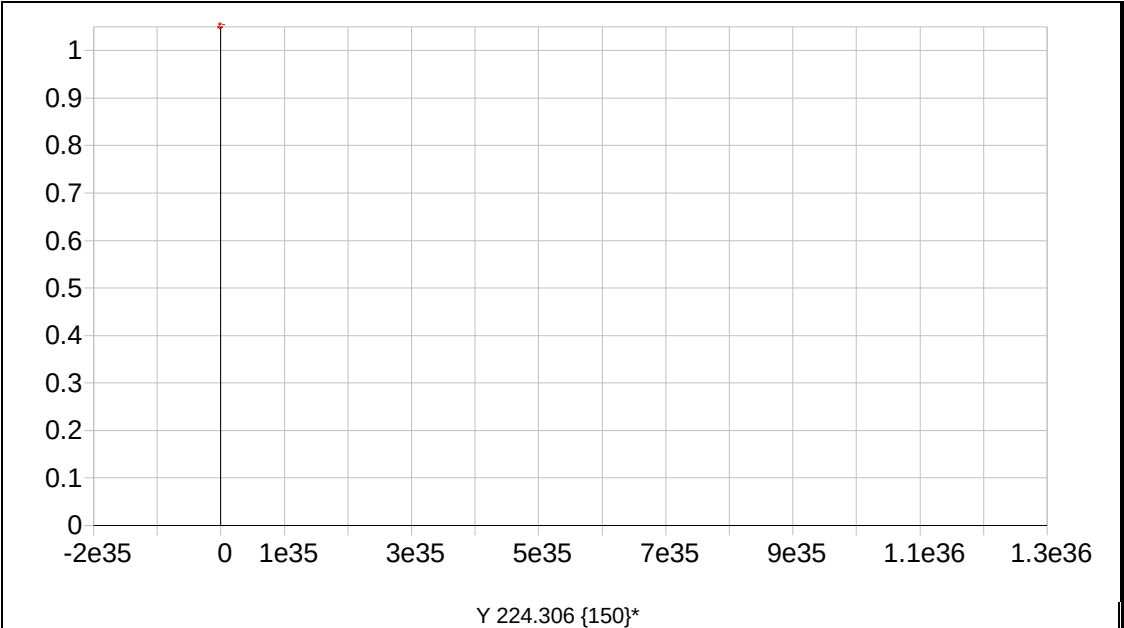


Li 670.784 { 50}

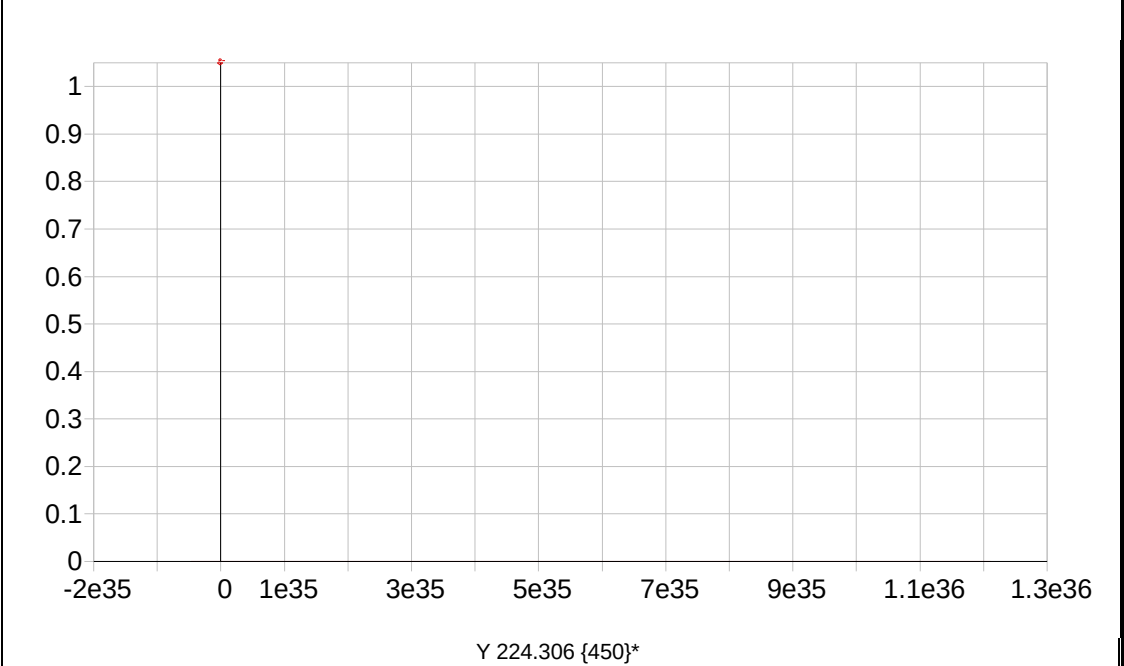
Date of Fit: 5/24/2018 16:49:09 Type of Fit: Linear Weighting: 1/Conc

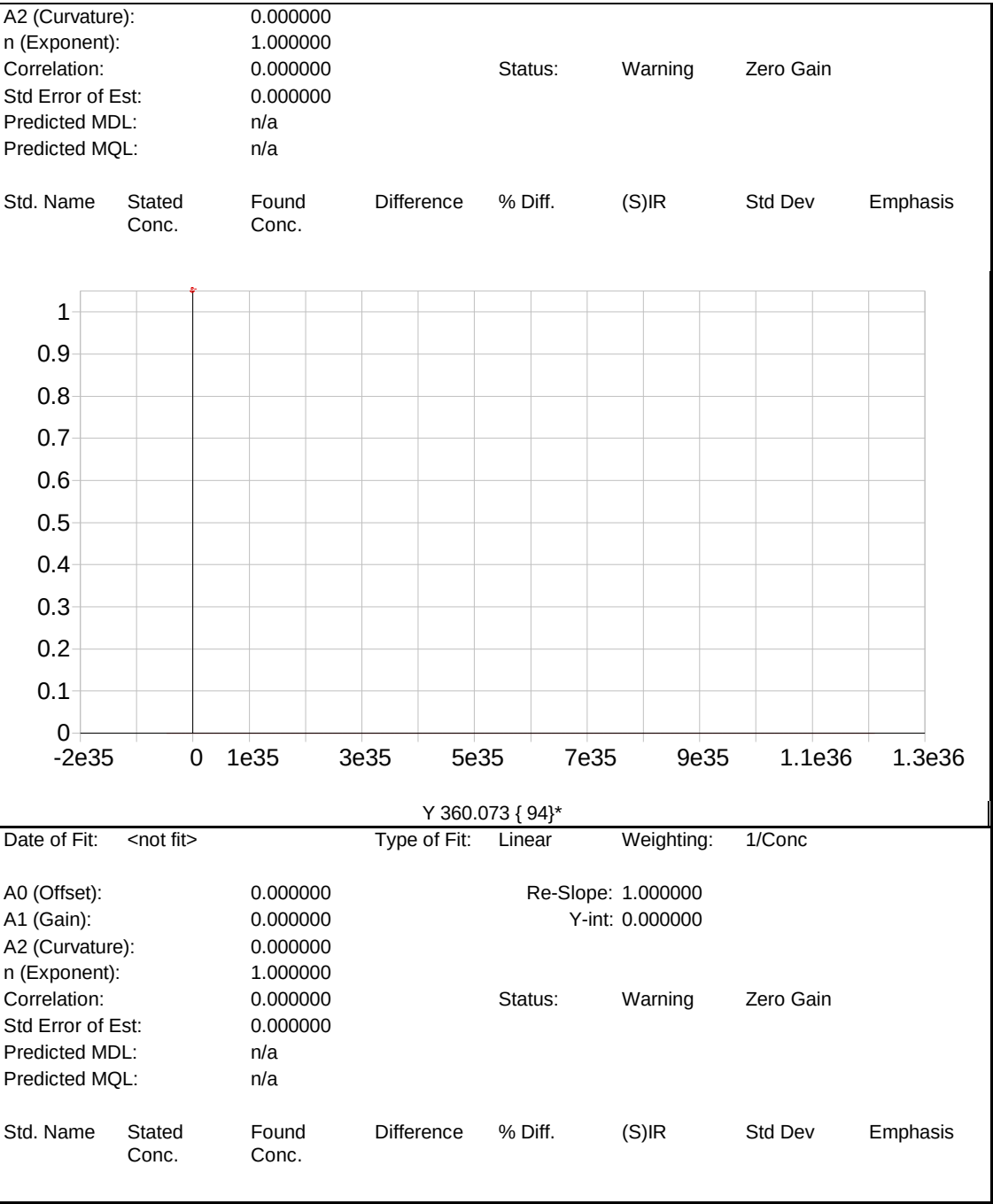
A0 (Offset): 0.001698 Re-Slope: 1.000000
 A1 (Gain): 1.118374 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000381
 Predicted MDL: 0.001349
 Predicted MQL: 0.004498

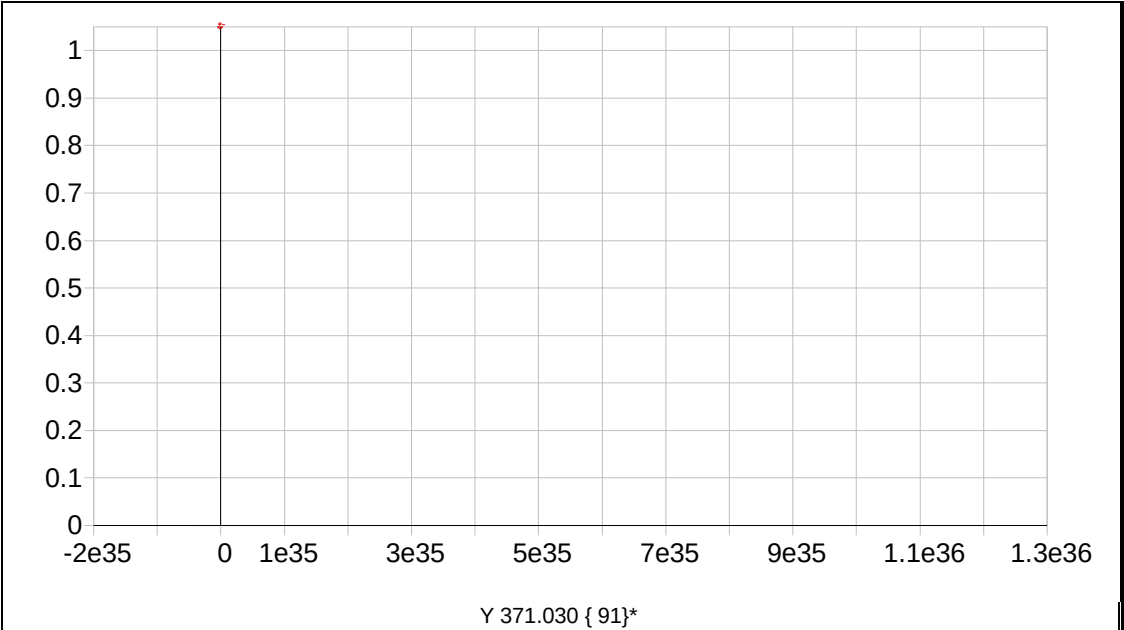
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00170	.000	1
S5	10.000	10.053	.053	.531	11.182	.048	1
S4	5.0000	5.0118	.012	.236	5.5753	.044	1
S3	2.5000	2.4659	-.034	-1.36	2.7438	.012	1
S2	1.2500	1.2217	-.028	-2.26	1.3602	.003	1
S1	.05000	.04744	-.003	-5.12	.05464	.001	1



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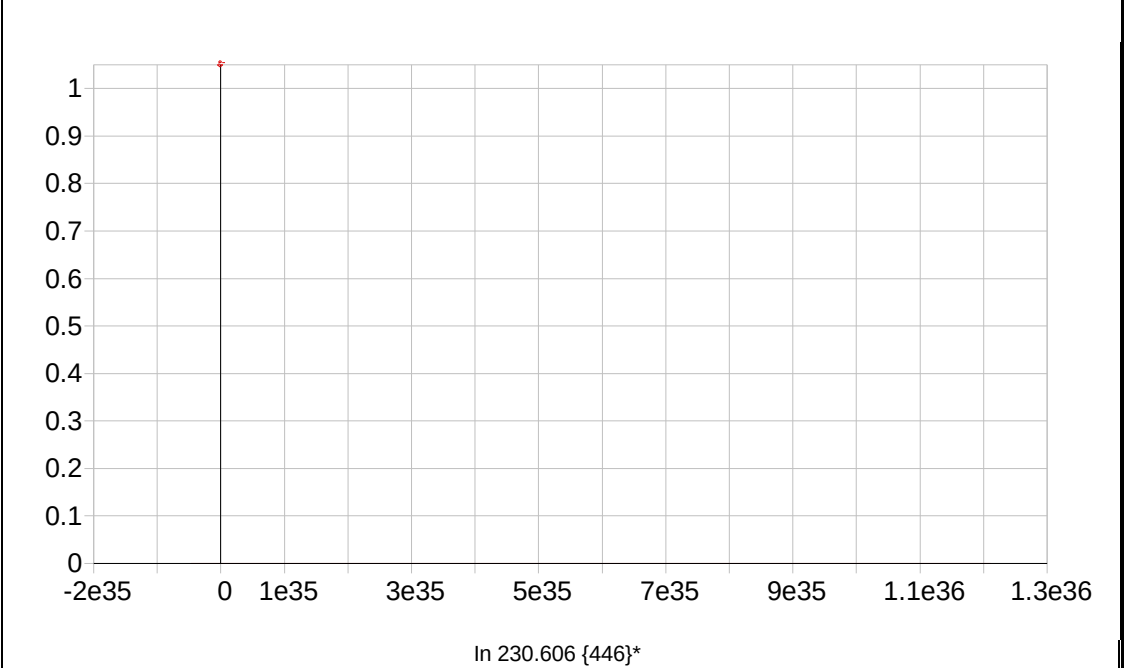




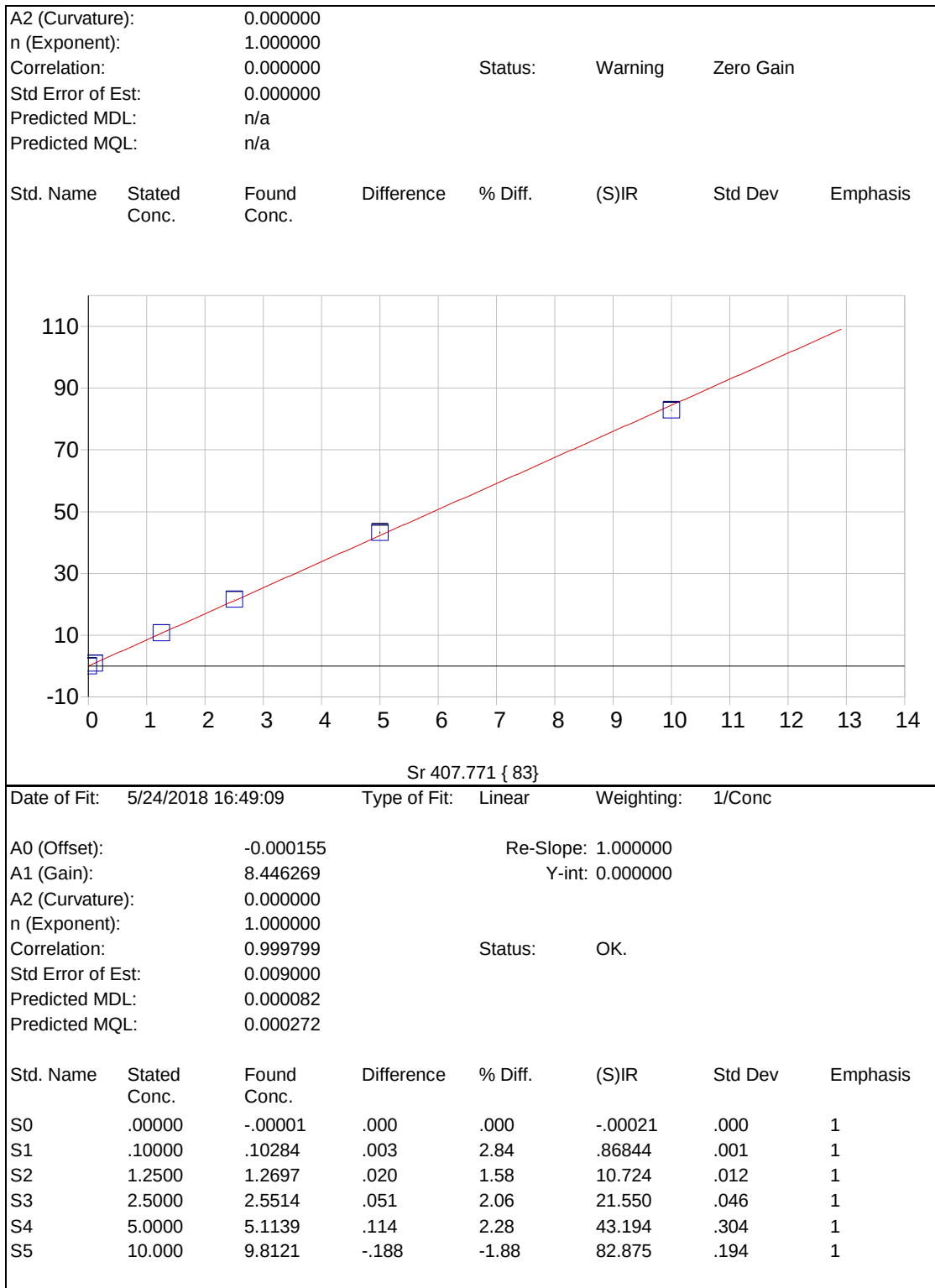


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



Sample Name: S0 Acquired: 5/24/2018 11:01:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	-.00037	-.00001	.00031	.00069	.00118	-.00885	-.00188
Stddev	.00023	.00013	.00005	.00024	.00006	.00009	.00083	.00039
%RSD	69.932	33.874	597.12	77.610	8.2801	7.6181	9.3268	20.981

#1	-.00028	-.00033	.00003	.00030	.00074	.00128	-.00846	-.00157
#2	-.00012	-.00028	.00000	.00008	.00070	.00114	-.00979	-.00173
#3	-.00057	-.00052	-.00006	.00056	.00063	.00112	-.00829	-.00232

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	.00063	.00130	.00004	-.00047	.00074	.00003	-.00005	-.00022
Stddev	.00008	.00013	.00007	.00004	.00011	.00008	.00012	.00011
%RSD	12.790	10.351	206.02	8.0743	15.440	272.38	228.11	48.148

#1	.00062	.00145	-.00003	-.00051	.00086	-.00007	.00008	-.00021
#2	.00071	.00127	.00002	-.00047	.00073	.00009	-.00008	-.00033
#3	.00055	.00119	.00012	-.00043	.00064	.00007	-.00016	-.00012

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	-.00191	-.00085	.00150	-.00017	-.00007	.03622	-.00073	.00225
Stddev	.00007	.00004	.00116	.00016	.00028	.00082	.00006	.00016
%RSD	3.6590	4.8687	77.031	95.258	376.09	2.2550	8.6830	7.2681

#1	-.00183	-.00090	.00278	.00002	-.00034	.03580	-.00068	.00217
#2	-.00195	-.00083	.00119	-.00025	-.00010	.03571	-.00071	.00213
#3	-.00194	-.00083	.00053	-.00028	.00022	.03717	-.00080	.00243

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	.00024	.00050	.00304	.00025	.00139	.00170	-.00021	
Stddev	.00013	.00004	.00020	.00001	.00008	.00021	.00023	
%RSD	55.900	7.0567	6.6309	6.0644	5.4348	12.046	109.24	

#1	.00008	.00046	.00304	.00026	.00145	.00194	.00000	
#2	.00032	.00053	.00285	.00023	.00141	.00160	-.00017	
#3	.00031	.00050	.00325	.00024	.00130	.00157	-.00046	

Sample Name: S0 Acquired: 5/24/2018 11:01:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	2401.2	2571.7	60585.	7674.6	4166.2
Stddev	4.2	51.9	198.	30.0	80.9
%RSD	.17394	2.0178	.32726	.39092	1.9413
#1	2397.7	2605.1	60417.	7651.8	4216.1
#2	2400.0	2511.9	60804.	7708.6	4072.8
#3	2405.8	2598.1	60534.	7663.4	4209.5

Sample Name: S1 Acquired: 5/24/2018 11:05:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	.00005	.00071	.00138	.00265	.01036	.01473	.63827	.02202
Stddev	.00020	.00005	.00016	.00009	.00010	.00033	.00253	.00021
%RSD	369.87	7.7013	11.463	3.5707	.92115	2.2499	.39620	.93978

#1	-.00004	.00069	.00142	.00271	.01041	.01510	.63843	.02226
#2	-.00008	.00077	.00151	.00269	.01042	.01463	.64071	.02193
#3	.00028	.00067	.00120	.00254	.01025	.01446	.63566	.02188

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	.01274	.16798	.00144	.03392	.00299	.00130	.00265	.02179
Stddev	.00013	.00099	.00001	.00013	.00024	.00014	.00016	.00039
%RSD	1.0542	.58930	.50480	.37227	8.0025	11.117	6.0558	1.7751

#1	.01258	.16734	.00144	.03396	.00278	.00146	.00271	.02197
#2	.01284	.16912	.00145	.03402	.00295	.00124	.00246	.02135
#3	.01279	.16748	.00144	.03378	.00325	.00119	.00276	.02206

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	.02060	.00101	.03196	.00281	.00266	.12166	-.00049	.00465
Stddev	.00026	.00005	.00088	.00002	.00008	.00110	.00005	.00034
%RSD	1.2776	5.1301	2.7427	.61364	2.9917	.90221	10.935	7.3998

#1	.02033	.00103	.03292	.00283	.00275	.12082	-.00045	.00487
#2	.02062	.00106	.03121	.00282	.00260	.12126	-.00055	.00426
#3	.02086	.00096	.03174	.00279	.00263	.12290	-.00047	.00483

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	.00888	.00245	.02802	.00091	.02326	.05464	.86844	
Stddev	.00006	.00016	.00034	.00002	.00028	.00122	.00113	
%RSD	.66618	6.3643	1.2002	2.0593	1.2189	2.2277	.13012	

#1	.00885	.00231	.02840	.00092	.02343	.05365	.86729	
#2	.00885	.00242	.02777	.00092	.02293	.05427	.86954	
#3	.00895	.00262	.02788	.00089	.02341	.05600	.86850	

Sample Name: S1 Acquired: 5/24/2018 11:05:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	2436.8	2601.7	61303.	7687.5	4224.0
Stddev	13.5	1.8	277.	20.7	7.9
%RSD	.55530	.06988	.45139	.26986	.18755
#1	2450.3	2602.4	61539.	7684.0	4215.0
#2	2423.2	2603.0	60999.	7709.7	4226.8
#3	2436.8	2599.6	61372.	7668.7	4230.0

Sample Name: S2 Acquired: 5/24/2018 11:09:34 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	.03867	.05217	.86566	.07615	.20209	2.5936	7.9510	.59543
Stddev	.00028	.00057	.00132	.00040	.00065	.0150	.0031	.00051
%RSD	.71235	1.0975	.15264	.53133	.32399	.57674	.03945	.08488

#1	.03871	.05213	.86520	.07606	.20156	2.5872	7.9476	.59515
#2	.03838	.05277	.86463	.07659	.20189	2.5829	7.9538	.59513
#3	.03893	.05162	.86715	.07580	.20282	2.6107	7.9516	.59602

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	1.4885	2.0200	.52095	.43576	.34259	.41709	.62397	.27675
Stddev	.0026	.0042	.00029	.00168	.00085	.00583	.00218	.00205
%RSD	.17659	.20860	.05570	.38516	.24838	1.3968	.34956	.74143

#1	1.4887	2.0152	.52099	.43548	.34238	.41302	.62610	.27509
#2	1.4857	2.0217	.52122	.43424	.34186	.41450	.62174	.27612
#3	1.4910	2.0230	.52064	.43756	.34352	.42377	.62406	.27905

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	.34586	.05197	.22405	.03384	.17036	.69256	.20860	.40920
Stddev	.00094	.00021	.00058	.00044	.00295	.00156	.00097	.00232
%RSD	.27066	.39718	.25935	1.2983	1.7314	.22482	.46421	.56706

#1	.34526	.05204	.22466	.03366	.17005	.69080	.20830	.40986
#2	.34538	.05214	.22351	.03352	.16757	.69378	.20969	.40662
#3	.34694	.05174	.22398	.03435	.17345	.69309	.20782	.41111

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	1.0613	.02687	.34662	.11911	.27145	1.3602	10.724	
Stddev	.0039	.00016	.00170	.00038	.00196	.0027	.012	
%RSD	.36786	.58622	.49047	.31952	.72149	.19843	.11334	

#1	1.0577	.02686	.34829	.11869	.27113	1.3571	10.728	
#2	1.0609	.02704	.34666	.11921	.26967	1.3623	10.734	
#3	1.0654	.02672	.34489	.11943	.27355	1.3610	10.711	

Sample Name: S2 Acquired: 5/24/2018 11:09:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	2341.6	2485.5	59541.	7629.5	3850.3
Stddev	5.7	8.7	344.	20.3	11.5
%RSD	.24348	.34860	.57767	.26609	.29957
#1	2344.3	2490.3	59852.	7652.5	3852.9
#2	2345.4	2490.7	59599.	7614.2	3860.4
#3	2335.0	2475.5	59171.	7621.7	3837.7

Sample Name: S3 Acquired: 5/24/2018 11:13:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	.07968	.10384	1.7444	.15389	.41170	5.2336	15.950	1.1814
Stddev	.00032	.00051	.0077	.00130	.00215	.0180	.055	.0069
%RSD	.40742	.49502	.44162	.84221	.52337	.34391	.34511	.58656

#1	.07948	.10327	1.7416	.15324	.41044	5.2544	16.013	1.1814
#2	.07950	.10428	1.7385	.15306	.41047	5.2226	15.923	1.1883
#3	.08005	.10396	1.7531	.15539	.41418	5.2239	15.914	1.1745

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	2.9815	3.9906	1.0200	.87837	.68411	.83043	1.2305	.56013
Stddev	.0179	.0104	.0020	.00579	.00271	.00463	.0006	.00275
%RSD	.60028	.26020	.19200	.65866	.39664	.55792	.04923	.49047

#1	2.9751	3.9971	1.0221	.87700	.68722	.83537	1.2298	.56306
#2	2.9676	3.9961	1.0183	.87339	.68283	.82618	1.2310	.55762
#3	3.0017	3.9786	1.0194	.88472	.68227	.82973	1.2307	.55971

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	.69234	.10471	.44711	.06822	.34554	1.3767	.42452	.81346
Stddev	.00420	.00049	.00109	.00038	.00402	.0032	.00242	.00610
%RSD	.60676	.46372	.24486	.55515	1.1620	.23367	.56969	.74996

#1	.69019	.10527	.44833	.06856	.34861	1.3772	.42224	.81227
#2	.68964	.10438	.44677	.06781	.34100	1.3797	.42426	.82006
#3	.69718	.10449	.44623	.06828	.34701	1.3733	.42706	.80804

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	2.1416	.05513	.68006	.24174	.54124	2.7438	21.550	
Stddev	.0122	.00024	.00362	.00119	.00238	.0122	.046	
%RSD	.56927	.42942	.53296	.49087	.43970	.44623	.21288	

#1	2.1317	.05526	.68061	.24136	.54383	2.7577	21.597	
#2	2.1379	.05485	.68338	.24078	.53915	2.7391	21.546	
#3	2.1552	.05527	.67619	.24306	.54073	2.7346	21.506	

Sample Name: S3 Acquired: 5/24/2018 11:13:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	2254.9	2385.4	58211.	7549.8	3650.4
Stddev	5.2	10.0	206.	46.7	19.6
%RSD	.22910	.41883	.35450	.61901	.53701
#1	2250.1	2390.0	58005.	7542.6	3652.9
#2	2260.4	2392.3	58418.	7507.1	3668.7
#3	2254.3	2373.9	58210.	7599.7	3629.7

Sample Name: S4 Acquired: 5/24/2018 11:17:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	.16520	.20423	3.5154	.31532	.85617	10.740	32.202	2.3316
Stddev	.00082	.00222	.0157	.00216	.00307	.104	.310	.0207
%RSD	.49595	1.0861	.44578	.68518	.35872	.96784	.96163	.88925

#1	.16576	.20565	3.5102	.31602	.85450	10.857	32.559	2.3498
#2	.16426	.20167	3.5031	.31290	.85430	10.658	32.000	2.3090
#3	.16558	.20537	3.5331	.31705	.85972	10.705	32.047	2.3360

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.9183	7.9548	1.9941	1.7449	1.3759	1.6615	2.4137	1.1497
Stddev	.0246	.0544	.0043	.0068	.0107	.0181	.0129	.0099
%RSD	.41530	.68434	.21417	.39069	.77611	1.0882	.53449	.85819

#1	5.9152	8.0173	1.9936	1.7417	1.3882	1.6822	2.4285	1.1610
#2	5.8954	7.9176	1.9901	1.7402	1.3703	1.6486	2.4083	1.1428
#3	5.9443	7.9296	1.9986	1.7527	1.3692	1.6538	2.4045	1.1454

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	1.3797	.20933	.90394	.13835	.70791	2.7790	.86216	1.5942
Stddev	.0052	.00058	.00585	.00105	.00990	.0208	.00773	.0134
%RSD	.37647	.27892	.64753	.75937	1.3986	.74660	.89709	.83897

#1	1.3765	.20966	.91057	.13955	.70762	2.8029	.86465	1.6074
#2	1.3769	.20866	.89949	.13759	.71795	2.7669	.85349	1.5807
#3	1.3857	.20968	.90175	.13791	.69816	2.7671	.86834	1.5943

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	4.3142	.11606	1.3411	.48994	1.0879	5.5753	43.194	
Stddev	.0268	.00090	.0094	.00272	.0102	.0441	.304	
%RSD	.62164	.77352	.70032	.55556	.93442	.79117	.70370	

#1	4.3093	.11663	1.3516	.49007	1.0992	5.6263	43.538	
#2	4.2902	.11502	1.3337	.48715	1.0795	5.5491	43.079	
#3	4.3431	.11652	1.3379	.49259	1.0849	5.5506	42.963	

Sample Name: S4 Acquired: 5/24/2018 11:17:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	2137.4	2214.3	56164.	7411.0	3368.2
Stddev	13.6	8.0	90.	67.8	10.3
%RSD	.63488	.36220	.15941	.91470	.30520
#1	2134.2	2216.4	56210.	7338.1	3374.0
#2	2125.7	2221.0	56061.	7472.0	3374.2
#3	2152.3	2205.4	56222.	7423.0	3356.3

Sample Name: S5 Acquired: 5/24/2018 11:21:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	.33830	.39071	6.8796	.63120	1.7677	21.425	61.882	4.5345
Stddev	.00267	.00276	.0321	.00372	.0124	.089	.502	.0343
%RSD	.78806	.70605	.46713	.58993	.69985	.41317	.81079	.75693

#1	.33627	.38781	6.8642	.62742	1.7628	21.348	62.271	4.5741
#2	.33732	.39103	6.8579	.63131	1.7585	21.522	61.316	4.5135
#3	.34132	.39330	6.9165	.63486	1.7818	21.406	62.059	4.5159

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	11.415	15.342	3.8527	3.3911	2.6764	3.1952	4.5842	2.2785
Stddev	.055	.045	.0136	.0173	.0058	.0160	.0152	.0103
%RSD	.48172	.29111	.35311	.50928	.21613	.49980	.33134	.45119

#1	11.378	15.366	3.8672	3.3756	2.6740	3.1806	4.5997	2.2701
#2	11.388	15.370	3.8505	3.3881	2.6830	3.2123	4.5835	2.2900
#3	11.478	15.291	3.8403	3.4097	2.6721	3.1928	4.5693	2.2755

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	2.6644	.42253	1.7748	.26798	1.4856	5.5195	1.9171	3.0169
Stddev	.0119	.00218	.0090	.00072	.0066	.0098	.0104	.0307
%RSD	.44666	.51483	.50887	.26862	.44455	.17838	.54095	1.0191

#1	2.6560	.42317	1.7654	.26751	1.4823	5.5133	1.9061	3.0524
#2	2.6593	.42431	1.7834	.26881	1.4932	5.5308	1.9185	2.9999
#3	2.6780	.42010	1.7755	.26763	1.4813	5.5143	1.9267	2.9984

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	8.6450	.23535	2.5341	.95945	2.1088	11.182	82.875	
Stddev	.0561	.00084	.0160	.00375	.0107	.048	.194	
%RSD	.64838	.35837	.63063	.39090	.50847	.42997	.23358	

#1	8.6036	.23446	2.5520	.95841	2.0988	11.141	83.048	
#2	8.6225	.23546	2.5290	.95633	2.1201	11.235	82.666	
#3	8.7088	.23613	2.5213	.96361	2.1074	11.171	82.912	

Sample Name: S5 Acquired: 5/24/2018 11:21:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	1998.2	2036.3	54022.	7374.8	3132.7
Stddev	16.0	7.7	301.	46.4	7.1
%RSD	.80092	.38024	.55779	.62866	.22778
#1	1988.1	2041.8	53713.	7325.2	3137.5
#2	1989.8	2039.5	54037.	7382.0	3136.2
#3	2016.6	2027.4	54316.	7417.0	3124.5

Sample Name: S6 Acquired: 5/24/2018 11:25:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	56.248	25.365	8.4086	3.6184	4.8688
Stddev	.504	.058	.0319	.0144	.0144
%RSD	.89663	.22924	.37984	.39744	.29687

#1	55.893	25.319	8.3893	3.6063	4.8614
#2	56.027	25.347	8.3911	3.6145	4.8595
#3	56.826	25.431	8.4455	3.6343	4.8854

Int. Std.	Y_3710
Units	Cts/S
Avg	7242.6
Stddev	19.9
%RSD	.27524

#1	7264.6
#2	7237.4
#3	7225.8

Sample Name: ICV Acquired: 5/24/2018 11:42:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	.9336236	1.068972	.9359260	.9633575	.9276463	2.331788
Stddev	.0129294	.008144	.0090498	.0172316	.0116883	.024991
%RSD	1.384864	.7618544	.9669361	1.788700	1.260000	1.071756

#1	.9192725	1.059687	.9257331	.9435599	.9149829	2.305851
#2	.9443635	1.074906	.9390278	.9749789	.9299348	2.333802
#3	.9372348	1.072322	.9430170	.9715338	.9380211	2.355711

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4951819	.5016723	.4754970	10.06237	.5164400	.4738160
Stddev	.0009470	.0033967	.0043574	.01048	.0018357	.0033619
%RSD	.1912391	.6770764	.9163781	.1041299	.3554428	.7095366

#1	.4961234	.4987101	.4704676	10.05679	.5153218	.4703861
#2	.4942296	.5053798	.4781356	10.07445	.5154397	.4771055
#3	.4951928	.5009272	.4778877	10.05585	.5185585	.4739563

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5034196	5.394751	.5136335	5.819119	.4920184	.4770822
Stddev	.0035218	.025419	.0034373	.046761	.0049351	.0030371
%RSD	.6995660	.4711749	.6692085	.8035724	1.003028	.6365919

#1	.4993574	5.367021	.5136477	5.787638	.4863298	.4744641
#2	.5056131	5.400283	.5101893	5.796869	.4951547	.4763708
#3	.5052885	5.416948	.5170638	5.872850	.4945706	.4804119

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.743385	.5153105	.9398288	9.345809	F .1077167	F .0040760
Stddev	.080512	.0061672	.0114577	.035315	.0008586	.0006748
%RSD	.8263292	1.196791	1.219124	.3778648	.7970424	16.55507

#1	9.663956	.5091248	.9274901	9.305067	.1068047	.0040828
#2	9.741260	.5214590	.9418634	9.367671	.1085092	.0033978
#3	9.824938	.5153478	.9501329	9.364688	.1078361	.0047473

Sample Name: ICV Acquired: 5/24/2018 11:42:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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 .0000194	.0234174	-.005342	F -.001623	-.001932	.0010049
Stddev	.0001133	.0062830	.001049	.000245	.000703	.0002835
%RSD	583.7660	26.83042	19.64123	15.08739	36.38160	28.21503

#1	.0001443	.0164307	-.004323	-.001899	-.002740	.0007282
#2	-.000009	.0286036	-.006419	-.001540	-.001466	.0012948
#3	-.000077	.0252179	-.005284	-.001431	-.001589	.0009916

Elem	Sr4077
Units	ppm
Avg	.0115313
Stddev	.0000689
%RSD	.5976642

#1	.0114523
#2	.0115627
#3	.0115790

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2512.927	2623.191	63732.65	7945.663	4321.718
Stddev	6.183	13.796	187.85	42.512	15.328
%RSD	.2460401	.5259192	.2947400	.5350313	.3546671

#1	2518.281	2638.964	63664.51	7985.246	4339.227
#2	2506.160	2613.373	63588.39	7900.729	4310.723
#3	2514.341	2617.236	63945.06	7951.013	4315.204

Sample Name: ICB Acquired: 5/24/2018 11:49:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	-.001154	.0030718	-.000686	.0034158	-.000318	-.003498	-.001465
Stddev	.003342	.0020198	.001045	.0027963	.000917	.010376	.000250
%RSD	289.6687	65.75371	152.3417	81.86207	288.0895	296.5978	17.07884

#1	-.004776	.0008152	-.001547	.0034431	-.001119	-.011776	-.001615
#2	-.000493	.0036899	-.000987	.0061983	.000682	.008142	-.001176
#3	.001808	.0047104	.000476	.0006060	-.000518	-.006861	-.001605

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000036	-.000006	-.002844	-.000254	-.000172	-.001373	.0058951
Stddev	.000030	.000046	.018408	.000508	.000266	.001875	.0145332
%RSD	82.31100	771.4624	647.3369	199.6031	154.0869	136.6016	246.5325

#1	-.000006	.000047	.011022	.000164	-.000432	-.001527	.0013569
#2	-.000036	-.000033	.004176	-.000819	-.000184	-.003166	-.005828
#3	-.000065	-.000032	-.023728	-.000107	.000099	.000575	.022156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005301	.0233298	.0002568	.0009434	-.085573	.0023643	-.004397
Stddev	.0007340	.0195905	.0003857	.0003415	.256166	.0035101	.005331
%RSD	138.4733	83.97210	150.1684	36.20115	299.3546	148.4602	121.2466

#1	.0010918	.0264100	-.000155	.0013159	.188475	.0039417	.001635
#2	.0007987	.0411977	.000610	.0008693	-.319004	-.001658	-.008476
#3	-.000300	.0023816	.000315	.0006450	-.126190	.004809	-.006349

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.294827	-.000541	-.003138	.0000042	.0153775	-.006975	-.001335
Stddev	.116538	.000032	.000294	.0001220	.0043086	.001277	.001046
%RSD	39.52748	5.934560	9.380461	2889.637	28.01853	18.31479	78.31777

#1	-.170762	-.000570	-.003015	.0001035	.0192373	-.007353	-.001764
#2	-.401992	-.000546	-.002924	-.000132	.0107291	-.005551	-.002098
#3	-.311726	-.000506	-.003473	.000041	.0161662	-.008020	-.000143

Sample Name: ICB Acquired: 5/24/2018 11:49:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	.0002154	.0005521	-.000019
Stddev	.0012555	.0009581	.000032
%RSD	582.9087	173.5172	165.8885

#1	-.001039	-.000420	-.000047
#2	.000213	.001496	-.000026
#3	.001472	.000580	.000015

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2518.104	2569.874	63801.80	7891.725	4268.911
Stddev	16.990	30.711	327.19	93.918	51.565
%RSD	.6747102	1.195040	.5128252	1.190082	1.207930

#1	2505.647	2536.917	63663.35	7798.400	4212.540
#2	2537.458	2597.691	64175.46	7890.550	4313.701
#3	2511.207	2575.013	63566.60	7986.225	4280.492

Sample Name: ICSA Acquired: 5/24/2018 11:53:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	-.000349	-.003184	-.005710	-.011000	.0032762	240.3074
Stddev	.012354	.002038	.001260	.007944	.0026091	.3007
%RSD	3537.633	64.01924	22.06407	72.22474	79.63708	.1251349

#1	-.000667	-.004230	-.006113	-.010467	.0061674	240.6273
#2	-.012542	-.000835	-.006718	-.003335	.0010971	240.0306
#3	.012161	-.004487	-.004298	-.019197	.0025642	240.2642

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044279	.0010605	-.000303	244.6226	.0490920	-.000421
Stddev	.0007022	.0000253	.000164	.1540	.0003430	.000189
%RSD	15.85782	2.385259	54.22567	.0629550	.6987467	44.91997

#1	.0039938	.0010553	-.000491	244.5822	.0492810	-.000236
#2	.0052380	.0010880	-.000187	244.7927	.0492990	-.000412
#3	.0040519	.0010382	-.000231	244.4928	.0486960	-.000614

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007443	101.4973	.0120065	253.1929	.0003722	-.002646
Stddev	.003210	.2990	.0005628	.6363	.0004924	.000380
%RSD	43.13445	.2945903	4.687248	.2513045	132.2911	14.35221

#1	-.005259	101.4466	.0120372	253.3626	-.000175	-.002313
#2	-.011129	101.2268	.0114290	252.4889	.000780	-.003059
#3	-.005940	101.8184	.0125533	253.7271	.000512	-.002564

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1434018	.0027152	-.014580	-.516799	-.006789	F .0928600
Stddev	.1707146	.0035587	.003932	.035380	.000910	.0025874
%RSD	119.0464	131.0665	26.96724	6.845915	13.41082	2.786388

#1	.1468339	-.001061	-.018289	-.491839	-.007302	.0899928
#2	-.029003	.006006	-.014993	-.501270	-.005738	.0935661
#3	.312375	.003201	-.010458	-.557287	-.007327	.0950211

Sample Name: ICSA Acquired: 5/24/2018 11:53:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	.0008988	.0273513	-.009989	-.005286	-.002018	.0047836
Stddev	.0000962	.0011763	.001628	.001152	.001664	.0007971
%RSD	10.69906	4.300584	16.29616	21.78789	82.44653	16.66328

#1	.0008683	.0281239	-.011710	-.005286	-.001705	.0041022
#2	.0010066	.0279324	-.008474	-.004135	-.000533	.0045885
#3	.0008217	.0259976	-.009784	-.006438	-.003817	.0056602

Elem	Sr4077
Units	ppm
Avg	.0998775
Stddev	.0004977
%RSD	.4982893

#1	.1002270
#2	.1000978
#3	.0993077

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2300.855	2388.964	58671.01	7607.164	3608.608
Stddev	17.223	11.473	266.41	9.954	16.363
%RSD	.7485609	.4802314	.4540741	.1308546	.4534495

#1	2316.951	2398.562	58791.12	7607.432	3624.447
#2	2282.691	2376.258	58365.69	7597.078	3591.766
#3	2302.924	2392.072	58856.22	7616.981	3609.609

Sample Name: ICSAB Acquired: 5/24/2018 12:05:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	.0920627	.0971510	.0391450	.0331323	.5818056	245.8119
Stddev	.0017076	.0035375	.0028465	.0025955	.0010133	1.1854
%RSD	1.854799	3.641260	7.271732	7.833635	.1741682	.4822503

#1	.0939193	.0936515	.0423363	.0303334	.5814459	244.9337
#2	.0905594	.1007254	.0382309	.0336037	.5829498	247.1603
#3	.0917096	.0970762	.0368679	.0354597	.5810213	245.3416

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5120597	.5134361	.9835732	248.1853	.5636668	.4893223
Stddev	.0001849	.0005377	.0032317	.2405	.0012498	.0019474
%RSD	.0361125	.1047212	.3285685	.0968930	.2217239	.3979824

#1	.5119987	.5133985	.9800755	247.9085	.5648424	.4874313
#2	.5119131	.5129183	.9841958	248.3436	.5638041	.4892139
#3	.5122674	.5139916	.9864484	248.3036	.5623541	.4913216

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5011012	104.5412	.5190978	260.6327	.9953344	.1958420
Stddev	.0090535	1.0530	.0023289	2.2715	.0045124	.0016035
%RSD	1.806718	1.007227	.4486467	.8715481	.4533562	.8187846

#1	.4933534	103.7339	.5170848	258.9478	.9917192	.1946015
#2	.5110533	105.7322	.5185600	263.2160	.9938923	.1976527
#3	.4988968	104.1574	.5216485	259.7342	1.000391	.1952719

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3513256	.5107800	.9615312	-.977239	.0058191	F .1001953
Stddev	.0527546	.0053003	.0279075	.037918	.0003185	.0033487
%RSD	15.01587	1.037696	2.902399	3.880096	5.473092	3.342135

#1	.2970170	.5049415	.9820686	-.940070	.0060094	.0979814
#2	.3545848	.5121092	.9727681	-.975782	.0054514	.1040477
#3	.4023751	.5152892	.9297570	-1.01586	.0059965	.0985566

Sample Name: ICSAB Acquired: 5/24/2018 12:05:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	.0012005	.0229919	-.007529	-.005073	-.003271	.0076837
Stddev	.0006422	.0040511	.000493	.000266	.000798	.0004881
%RSD	53.49216	17.61989	6.546220	5.235492	24.37978	6.352961

#1	.0016825	.0205248	-.008097	-.004809	-.003250	.0082262
#2	.0014475	.0276674	-.007275	-.005071	-.002485	.0075448
#3	.0004715	.0207835	-.007215	-.005340	-.004080	.0072800

Elem	Sr4077
Units	ppm
Avg	.1020467
Stddev	.0002662
%RSD	.2608590

#1	.1017486
#2	.1021312
#3	.1022605

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2309.781	2387.381	58874.93	7654.300	3630.598
Stddev	8.903	2.339	250.66	20.394	.929
%RSD	.3854576	.0979931	.4257549	.2664446	.0255990

#1	2300.375	2387.711	58655.40	7642.836	3629.830
#2	2310.890	2384.893	58821.35	7642.218	3630.331
#3	2318.077	2389.537	59148.06	7677.847	3631.631

Sample Name: CCV075 Acquired: 5/24/2018 12:09:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV075 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.836433	4.722912	24.01267	4.731583	4.907679	416.8116
Stddev	.025453	.029765	.07949	.016762	.029597	.6529
%RSD	.5262822	.6302330	.3310334	.3542642	.6030849	.1566459

#1	4.811151	4.748646	24.01539	4.724560	4.889320	417.2526
#2	4.836095	4.729777	23.93186	4.719474	4.891894	417.1206
#3	4.862054	4.690314	24.09077	4.750714	4.941823	416.0615

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.928919	.5113710	2.375112	403.2673	14.95676	2.387332
Stddev	.017572	.0023131	.008712	1.1683	.01844	.013556
%RSD	.1769735	.4523311	.3668051	.2897209	.1232616	.5678346

#1	9.919549	.5140398	2.380532	402.8571	14.95533	2.392868
#2	9.949190	.5101290	2.365063	404.5854	14.93908	2.371884
#3	9.918019	.5099443	2.379742	402.3594	14.97587	2.397243

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.91317	425.6919	14.53075	424.1902	2.417444	1.202218
Stddev	.04313	2.8805	.03348	2.4700	.007563	.006161
%RSD	.2892275	.6766737	.2304418	.5822977	.3128620	.5124867

#1	14.87884	428.7974	14.49210	426.5643	2.416171	1.206048
#2	14.96158	425.1711	14.55108	424.3720	2.410597	1.205496
#3	14.89908	423.1073	14.54907	421.6343	2.425562	1.195111

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	412.3966	2.522104	14.74767	152.1945	F 5.679239	5.178144
Stddev	1.4272	.020825	.11702	.0673	.008259	.028753
%RSD	.3460863	.8256987	.7934711	.0442063	.1454269	.5552819

#1	412.7679	2.544585	14.76974	152.2094	5.677619	5.208890
#2	413.6015	2.518256	14.85208	152.2531	5.688187	5.151919
#3	410.8204	2.503472	14.62119	152.1210	5.671909	5.173623

Sample Name: CCV075 Acquired: 5/24/2018 12:09:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV075 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.808748	4.995360	4.954062	4.865890	5.000856	5.028962
Stddev	.019099	.015613	.025104	.008383	.012586	.007136
%RSD	.3971812	.3125412	.5067413	.1722905	.2516796	.1419007

#1	4.795508	5.010652	4.982904	4.863313	4.995710	5.021929
#2	4.800094	4.979445	4.942159	4.859097	5.015200	5.036197
#3	4.830643	4.995982	4.937124	4.875259	4.991659	5.028762

Elem	Sr4077
Units	ppm
Avg	4.944891
Stddev	.061965
%RSD	1.253112

#1	5.014133
#2	4.925885
#3	4.894655

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2107.971	2147.147	55435.65	7356.312	3232.567
Stddev	16.488	10.838	38.79	38.421	11.869
%RSD	.7821920	.5047663	.0699797	.5222872	.3671667

#1	2109.655	2158.584	55391.02	7321.036	3241.828
#2	2090.705	2145.828	55454.67	7350.649	3236.687
#3	2123.552	2137.029	55461.26	7397.250	3219.188

Sample Name: CCB075 Acquired: 5/24/2018 12:13:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB075 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035939	.0015125	-.000634	.0005631	-.001439	.0004263	-.001633
Stddev	.0007446	.0010264	.000181	.0004322	.000981	.0117353	.000589
%RSD	20.71758	67.85917	28.62349	76.74358	68.16308	2752.560	36.04205

#1	.0042583	.0025635	-.000825	.0007016	-.002553	.0127176	-.001620
#2	.0027892	.0014616	-.000612	.0009090	-.001056	-.010660	-.002228
#3	.0037342	.0005126	-.000464	.0000787	-.000707	-.000779	-.001051

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000184	-.000008	-.001941	-.000164	-.000069	-.001683	.0065478
Stddev	.0000646	.000061	.011728	.000072	.000033	.000730	.0092709
%RSD	351.6618	799.1640	604.1366	43.75626	47.13608	43.36711	141.5871

#1	-.000056	-.000066	.000310	-.000193	-.000072	-.000900	.0172091
#2	.000059	.000056	-.014632	-.000082	-.000100	-.002344	.0003796
#3	.000052	-.000012	.008498	-.000217	-.000035	-.001804	.0020548

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000051	-.005658	.0002963	.0008223	-.178619	-.002277	-.006637
Stddev	.000309	.026303	.0002696	.0002258	.134254	.004640	.007875
%RSD	606.0693	464.8899	90.98336	27.46166	75.16220	203.7286	118.6386

#1	-.000314	-.035631	.0004122	.0010554	-.212622	-.002363	-.014445
#2	-.000129	.013580	-.000012	.0006045	-.292601	.002404	-.006770
#3	.000290	.005077	.000488	.0008071	-.030633	-.006874	.001302

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.277732	-.000734	.0019660	.0003553	.0173226	-.006411	-.000867
Stddev	.089345	.000404	.0008286	.0000733	.0024103	.000937	.000688
%RSD	32.16948	54.98634	42.14509	20.63113	13.91450	14.61146	79.35216

#1	-.243632	-.000707	.0027597	.0004002	.0199941	-.005402	-.000563
#2	-.379105	-.000345	.0020318	.0002707	.0153109	-.007253	-.001654
#3	-.210459	-.001151	.0011065	.0003949	.0166627	-.006580	-.000383

Sample Name: CCB075 Acquired: 5/24/2018 12:13:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB075 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000570	.0018640	-.000010
Stddev	.000525	.0001586	.000080
%RSD	92.16207	8.510296	807.1316

#1	-.000022	.0020057	-.000007
#2	-.001068	.0018936	-.000091
#3	-.000619	.0016926	.000068

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2506.805	2603.098	63460.37	7789.383	4355.218
Stddev	26.749	18.388	225.78	40.858	31.856
%RSD	1.067051	.7064079	.3557800	.5245344	.7314420

#1	2504.588	2594.676	63283.69	7758.450	4343.317
#2	2481.234	2624.189	63382.69	7835.700	4391.311
#3	2534.594	2590.428	63714.73	7774.000	4331.026

Sample Name: PB109604BL Acquired: 5/24/2018 12:17:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	-.000967	.0028934	-.001798	.0001472	-.001840	-.006683	-.001241
Stddev	.001314	.0016427	.000682	.0015206	.000984	.012930	.000280
%RSD	135.9099	56.77492	37.92867	1033.165	53.51350	193.4664	22.56878

#1	-.000167	.0027552	-.002065	.0004897	-.002976	-.021510	-.001447
#2	-.002484	.0013242	-.002305	.0014673	-.001283	-.000791	-.001355
#3	-.000250	.0046009	-.001023	-.001515	-.001260	.002251	-.000922

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000219	-.000080	.0075625	-.000414	.0000461	-.001059	.0123987
Stddev	.0001262	.000040	.0080247	.000208	.0003552	.001781	.0164087
%RSD	575.3187	49.54792	106.1114	50.11280	771.0795	168.1461	132.3419

#1	.0000206	-.000082	.0023524	-.000574	.0000474	-.000491	.0268137
#2	-.000104	-.000039	.0168036	-.000180	-.000310	.000368	.0158401
#3	.000149	-.000118	.0035316	-.000490	.000401	-.003055	-.005458

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001703	-.032898	.0003560	.0006777	-.268136	-.002905	-.007228
Stddev	.0005930	.023695	.0000185	.0001483	.244693	.003385	.006889
%RSD	348.3116	72.02351	5.185755	21.87875	91.25710	116.5373	95.31741

#1	-.000430	-.039695	.0003349	.0008307	-.309699	-.006520	-.012769
#2	.000756	-.006548	.0003695	.0006677	-.005323	-.002384	.000486
#3	.000184	-.052452	.0003636	.0005347	-.489385	.000190	-.009400

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.321880	-.000629	-.000392	.0002110	.0190600	-.008083	-.001107
Stddev	.033275	.000258	.000915	.0000746	.0013803	.000733	.000531
%RSD	10.33766	41.01511	233.6956	35.36091	7.241872	9.061853	47.90807

#1	-.305860	-.000368	-.000795	.0002164	.0205198	-.007272	-.001509
#2	-.360135	-.000636	.000656	.0002828	.0177761	-.008696	-.000506
#3	-.299646	-.000884	-.001036	.0001339	.0188842	-.008282	-.001307

Sample Name: PB109604BL Acquired: 5/24/2018 12:17:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	-.001352	.0007222	-.000016
Stddev	.001940	.0003469	.000039
%RSD	143.4349	48.03506	241.1291

#1	-.000862	.0008212	-.000007
#2	.000295	.0010088	-.000060
#3	-.003490	.0003365	.000017

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2544.284	2586.839	64004.81	7885.983	4327.248
Stddev	17.365	29.814	246.86	42.454	49.657
%RSD	.6825183	1.152527	.3856865	.5383469	1.147532

#1	2536.078	2617.970	63796.97	7924.725	4373.612
#2	2564.231	2558.545	64277.67	7892.625	4274.850
#3	2532.541	2584.000	63939.78	7840.600	4333.282

Sample Name: PB109542BS Acquired: 5/24/2018 12:22:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172002	.0477004	.0177183	.0612098	.1065391	.3901374
Stddev	.0035047	.0008960	.0011530	.0005708	.0002858	.0041031
%RSD	20.37601	1.878407	6.507606	.9325416	.2682842	1.051707

#1	.0178645	.0486713	.0171305	.0605538	.1064838	.3857155
#2	.0134109	.0475245	.0190467	.0614824	.1062849	.3908751
#3	.0203252	.0469053	.0169775	.0615932	.1068485	.3938217

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3731858	.0094359	.0088646	9.570809	.0213293	.0879230
Stddev	.0005772	.0001293	.0000386	.034612	.0002864	.0003961
%RSD	.1546598	1.369749	.4359552	.3616420	1.342660	.4505093

#1	.3737988	.0094598	.0088982	9.562796	.0210817	.0883690
#2	.3726529	.0092964	.0088224	9.540906	.0216430	.0876120
#3	.3731056	.0095516	.0088732	9.608725	.0212632	.0877881

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0492658	F .2655983	.0318705	9.512270	.0756085	.0184467
Stddev	.0015064	.0152208	.0003800	.082317	.0004224	.0001321
%RSD	3.057778	5.730757	1.192383	.8653769	.5587194	.7163685

#1	.0508879	.2703641	.0322238	9.418286	.0758658	.0185887
#2	.0489988	.2485649	.0314685	9.571566	.0751210	.0184243
#3	.0479107	.2778659	.0319193	9.546958	.0758387	.0183273

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.272468	.1033559	.1093555	8.163832	F .0039925	F .0153394
Stddev	.081705	.0012303	.0030038	.019876	.0001988	.0006687
%RSD	.8811613	1.190314	2.746849	.2434580	4.978219	4.359386

#1	9.233392	.1044935	.1100053	8.143105	.0038077	.0160139
#2	9.217638	.1020502	.1119812	8.165660	.0039670	.0146767
#3	9.366374	.1035239	.1060799	8.182730	.0042027	.0153277

Sample Name: PB109542BS Acquired: 5/24/2018 12:22:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194025	.1705963	.1794982	F .0121291	.1952690	.0861539
Stddev	.0000944	.0053163	.0009818	.0005266	.0016643	.0003405
%RSD	.4864282	3.116303	.5469683	4.341938	.8522899	.3951970

#1	.0195113	.1689555	.1783882	.0126196	.1937633	.0862333
#2	.0193428	.1765396	.1802528	.0115725	.1949876	.0857807
#3	.0193534	.1662939	.1798537	.0121953	.1970560	.0864477

Elem	Sr4077
Units	ppm
Avg	.1901191
Stddev	.0003775
%RSD	.1985798

#1	.1905514
#2	.1898541
#3	.1899518

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2525.289	2589.634	64132.98	7944.445	4305.396
Stddev	20.718	5.795	303.70	38.435	9.248
%RSD	.8204101	.2237786	.4735526	.4837969	.2147895

#1	2505.660	2590.716	63844.48	7965.997	4302.560
#2	2523.262	2594.811	64104.58	7967.267	4315.730
#3	2546.947	2583.374	64449.89	7900.070	4297.899

Sample Name: J3068-01 Acquired: 5/24/2018 12:26:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C53 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1482819	-.006293	4.366352	-.048077	.0149372	143.8242	2.793453
Stddev	.0048915	.003440	.017402	.003246	.0006187	.4934	.008203
%RSD	3.298772	54.67137	.3985578	6.750681	4.141800	.3430810	.2936504

#1	.1494563	-.002342	4.362358	-.051081	.0156092	144.2850	2.801364
#2	.1429102	-.008630	4.351293	-.048515	.0143913	143.8842	2.794010
#3	.1524793	-.007906	4.385404	-.044634	.0148112	143.3036	2.784986

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114554	.0112962	78.34579	.0454067	.2480517	.5176878	379.3750
Stddev	.0001633	.0001400	.14943	.0010883	.0005416	.0071874	1.6206
%RSD	1.425331	1.239737	.1907346	2.396724	.2183374	1.388373	.4271802

#1	.0116090	.0114566	78.27696	.0441501	.2476201	.5253144	380.5342
#2	.0114733	.0111983	78.51723	.0460311	.2478755	.5167093	380.0677
#3	.0112839	.0112337	78.24318	.0460389	.2486594	.5110398	377.5232

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.48117	59.10450	.0873637	.0060388	3.381703	.4401265	2.626828
Stddev	.03214	.34352	.0010307	.0003126	.030941	.0046720	.034400
%RSD	.2574747	.5812142	1.179777	5.177320	.9149656	1.061516	1.309569

#1	12.44889	59.36974	.0866377	.0063690	3.394634	.4445336	2.600141
#2	12.48146	59.22731	.0885434	.0060002	3.346393	.4406175	2.665651
#3	12.51316	58.71645	.0869101	.0057472	3.404081	.4352283	2.614690

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.53250	2.588260	.4418226	.0296647	20.06961	2.883333	.0880540
Stddev	.15555	.014093	.0098331	.0002547	.10266	.036174	.0019252
%RSD	.4933110	.5444876	2.225568	.8584869	.5115305	1.254581	2.186395

#1	31.69462	2.599451	.4315901	.0299153	20.11762	2.925076	.0865049
#2	31.38447	2.572433	.4512004	.0294062	19.95174	2.861150	.0874477
#3	31.51842	2.592896	.4426772	.0296725	20.13947	2.863773	.0902093

Sample Name: J3068-01 Acquired: 5/24/2018 12:26:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH1C53 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.859142	.1312594	.9870059
Stddev	.009641	.0009645	.0007043
%RSD	.5185833	.7347740	.0713561

#1	1.864566	.1323218	.9877583
#2	1.864850	.1310175	.9868970
#3	1.848011	.1304389	.9863625

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2848.110	2944.293	73203.23	9485.290	3839.669
Stddev	11.550	4.868	489.50	63.988	6.773
%RSD	.4055180	.1653466	.6686905	.6746002	.1763990

#1	2848.705	2945.101	73313.91	9416.883	3835.492
#2	2859.350	2948.708	73627.92	9543.676	3847.484
#3	2836.274	2939.072	72667.86	9495.310	3836.032

Sample Name: J3068-02 Acquired: 5/24/2018 12:30:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C53D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1446013	-.008520	4.295537	-.050433	.0150693	142.8235	2.782697
Stddev	.0067554	.002378	.099952	.001738	.0007570	.4236	.001765
%RSD	4.671724	27.91281	2.326891	3.446637	5.023443	.2965836	.0634267

#1	.1375754	-.006254	4.193278	-.048707	.0157271	142.9024	2.783783
#2	.1451797	-.008310	4.300323	-.050409	.0142419	143.2021	2.783647
#3	.1510489	-.010996	4.393011	-.052183	.0152389	142.3660	2.780660

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114162	.0113702	78.25646	.0461276	.2457365	.5142245	374.1756
Stddev	.0001626	.0005343	.13076	.0007894	.0054138	.0024996	1.6254
%RSD	1.424336	4.698971	.1670913	1.711402	2.203099	.4860920	.4343842

#1	.0112425	.0108390	78.11443	.0459956	.2400358	.5113652	374.2667
#2	.0115648	.0113641	78.28310	.0454125	.2463651	.5159954	375.7535
#3	.0114413	.0119075	78.37185	.0469747	.2508085	.5153130	372.5066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.45483	58.36380	.0858190	.0053184	3.461445	.4359019	2.600777
Stddev	.01177	.07963	.0023196	.0004280	.082893	.0050809	.022079
%RSD	.0945025	.1364373	2.702843	8.047554	2.394740	1.165598	.8489366

#1	12.44128	58.44548	.0833221	.0057822	3.393392	.4337455	2.624600
#2	12.46250	58.35950	.0862281	.0052344	3.553762	.4417053	2.596728
#3	12.46072	58.28640	.0879068	.0049387	3.437180	.4322548	2.581003

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.42861	2.569465	.4330906	.0294902	19.84857	2.910557	.0889956
Stddev	.06880	.068901	.0012719	.0002259	.52278	.008525	.0013167
%RSD	.2188936	2.681529	.2936896	.7661587	2.633844	.2928836	1.479543

#1	31.41567	2.501334	.4321438	.0292327	19.32785	2.907412	.0874963
#2	31.36720	2.567950	.4345364	.0295823	19.84448	2.920207	.0899642
#3	31.50295	2.639111	.4325917	.0296555	20.37339	2.904052	.0895262

Sample Name: J3068-02 Acquired: 5/24/2018 12:30:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C53D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.846106	.1307751	.9839035
Stddev	.004599	.0010041	.0025063
%RSD	.2491288	.7678253	.2547317

#1	1.849148	.1313050	.9819805
#2	1.848355	.1296171	.9829920
#3	1.840815	.1314033	.9867380

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2849.943	2977.305	73183.03	9474.090	3892.705
Stddev	19.223	44.833	475.29	56.039	74.297
%RSD	.6745077	1.505835	.6494523	.5915014	1.908615

#1	2870.984	3023.974	73718.77	9528.014	3970.044
#2	2845.544	2973.374	73018.29	9416.151	3886.192
#3	2833.300	2934.566	72812.03	9478.104	3821.880

Sample Name: J3068-03 Acquired: 5/24/2018 12:34:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C53S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2112938	.0797126	4.766854	-.035906	.0726060	147.9292	6.283842
Stddev	.0037578	.0026350	.058650	.005590	.0033102	.3245	.021202
%RSD	1.778471	3.305639	1.230363	15.56919	4.559194	.2193568	.3374018

#1	.2079095	.0774572	4.725614	-.036561	.0719791	148.2681	6.302091
#2	.2153377	.0826090	4.833996	-.041139	.0761848	147.8981	6.288851
#3	.2106341	.0790716	4.740954	-.030017	.0696540	147.6214	6.260585

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0930368	.1093703	79.63397	.3810648	1.243723	.9350861	379.4236
Stddev	.0003763	.0017093	.24220	.0012765	.017986	.0040952	.9310
%RSD	.4044852	1.562838	.3041364	.3349733	1.446157	.4379476	.2453685

#1	.0926933	.1079935	79.50839	.3808773	1.228850	.9340971	380.4421
#2	.0929779	.1112834	79.91316	.3798924	1.263713	.9315760	379.2120
#3	.0934390	.1088340	79.48035	.3824246	1.238605	.9395852	378.6166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.52176	58.89252	1.088145	.0868223	3.572111	1.294548	3.370921
Stddev	.01286	.16950	.014762	.0008553	.157305	.004975	.036203
%RSD	.0951414	.2878189	1.356603	.9850957	4.403696	.3843222	1.073982

#1	13.51580	58.84360	1.075999	.0877853	3.569410	1.295444	3.412665
#2	13.53652	59.08110	1.104575	.0861512	3.416174	1.299015	3.351987
#3	13.51296	58.75285	1.083862	.0865303	3.730749	1.289186	3.348111

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.27120	2.640194	.4401383	.0306353	20.45151	6.358894	.1182303
Stddev	.09226	.041238	.0036338	.0004356	.32104	.040682	.0014211
%RSD	.2858909	1.561932	.8256047	1.421826	1.569745	.6397645	1.201946

#1	32.25458	2.610033	.4429901	.0303271	20.21936	6.317667	.1171532
#2	32.37063	2.687186	.4413780	.0311336	20.81787	6.360005	.1198409
#3	32.18837	2.623364	.4360469	.0304451	20.31730	6.399008	.1176969

Sample Name: J3068-03 Acquired: 5/24/2018 12:34:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH1C53S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.811590	.1305113	1.008998
Stddev	.005509	.0004083	.001304
%RSD	.3040804	.3128605	.1292144

#1	1.813585	.1303927	1.010226
#2	1.815823	.1301755	1.009138
#3	1.805362	.1309658	1.007630

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2853.003	2910.469	73509.91	9439.406	3785.948
Stddev	11.349	27.547	73.79	20.992	43.535
%RSD	.3978088	.9464968	.1003834	.2223885	1.149917

#1	2843.582	2932.288	73536.21	9450.195	3819.285
#2	2849.825	2879.514	73426.57	9415.213	3736.694
#3	2865.603	2919.606	73566.95	9452.809	3801.866

Sample Name: J3068-04 Acquired: 5/24/2018 12:42:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C54 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3190721	-.015130	3.624461	-.068037	.0154888	157.1886	2.923377
Stddev	.0018074	.002833	.016722	.001826	.0015399	.3842	.005370
%RSD	.5664666	18.72661	.4613729	2.683788	9.941937	.2444389	.1836837

#1	.3190156	-.017424	3.614474	-.067217	.0139922	156.8364	2.929044
#2	.3209071	-.011963	3.615143	-.070129	.0154055	157.1311	2.918364
#3	.3172935	-.016004	3.643766	-.066765	.0170686	157.5984	2.922724

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129090	.0087958	60.46675	.0224850	.3032655	.3718145	499.0726
Stddev	.0000749	.0001887	.09909	.0008718	.0022274	.0032198	2.4694
%RSD	.5798017	2.145623	.1638830	3.877403	.7344750	.8659775	.4948057

#1	.0129602	.0089246	60.58000	.0217346	.3023359	.3682482	496.3718
#2	.0129438	.0088837	60.42427	.0222790	.3016535	.3726873	499.6311
#3	.0128231	.0085792	60.39597	.0234414	.3058071	.3745079	501.2150

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.81313	78.19489	.0776643	-.006690	3.219962	.5843148	1.698796
Stddev	.02176	.63010	.0008128	.000657	.154404	.0050107	.005875
%RSD	.1376069	.8058025	1.046596	9.813989	4.795208	.8575259	.3458223

#1	15.78987	77.54537	.0775818	-.006835	3.316978	.5813233	1.701782
#2	15.83299	78.23571	.0768960	-.007262	3.300997	.5815217	1.702577
#3	15.81653	78.80358	.0785153	-.005973	3.041911	.5900995	1.692028

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.04269	2.354095	.4860311	.0351973	18.57165	3.672838	.0069063
Stddev	.07978	.004569	.0015146	.0003300	.05603	.024285	.0008973
%RSD	.2655535	.1940838	.3116196	.9376618	.3017084	.6612084	12.99243

#1	29.96454	2.352126	.4843216	.0350932	18.51658	3.645217	.0078742
#2	30.03951	2.359318	.4872055	.0355668	18.56977	3.682458	.0061022
#3	30.12400	2.350840	.4865661	.0349318	18.62860	3.690840	.0067424

Sample Name: J3068-04 Acquired: 5/24/2018 12:42:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C54 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.002218	.1445185	.6720791
Stddev	.010636	.0004557	.0018012
%RSD	.5312260	.3153271	.2680040

#1	1.990287	.1450409	.6700999
#2	2.005663	.1443122	.6725149
#3	2.010706	.1442024	.6736223

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2912.786	3009.355	74650.58	9664.274	3808.281
Stddev	25.546	2.380	38.53	27.319	12.195
%RSD	.8770172	.0790937	.0516172	.2826825	.3202186

#1	2885.246	3011.075	74676.50	9695.749	3819.534
#2	2935.706	3006.639	74668.94	9646.700	3809.985
#3	2917.407	3010.352	74606.30	9650.375	3795.323

Sample Name: J3068-05 Acquired: 5/24/2018 12:46:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C55 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2156114	-.015920	3.555821	-.067801	.0187972	159.6876	2.881757
Stddev	.0118566	.003931	.084345	.004470	.0008359	2.5671	.045468
%RSD	5.499077	24.68943	2.372015	6.592118	4.447075	1.607603	1.577794

#1	.2109078	-.014818	3.528268	-.067746	.0187226	157.9273	2.846065
#2	.2068282	-.012658	3.488698	-.063359	.0180011	162.6333	2.932948
#3	.2290981	-.020284	3.650496	-.072298	.0196679	158.5024	2.866256

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130806	.0095677	45.53702	.0237267	.2538332	.4908808	537.9925
Stddev	.0002570	.0009213	.77131	.0013555	.0070997	.0083315	8.3501
%RSD	1.964765	9.628987	1.693804	5.713080	2.797011	1.697244	1.552089

#1	.0128434	.0096358	44.94952	.0250585	.2530137	.4823277	532.7239
#2	.0133537	.0086142	46.41047	.0223487	.2471788	.4989713	547.6200
#3	.0130447	.0104530	45.25107	.0237728	.2613072	.4913434	533.6335

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.60283	77.83280	.0708862	-.002345	4.506447	.5974543	2.349479
Stddev	.18312	1.38501	.0019443	.001123	.047487	.0060913	.034328
%RSD	1.346181	1.779472	2.742821	47.88046	1.053746	1.019547	1.461070

#1	13.46809	77.07895	.0702976	-.003625	4.459846	.5928407	2.377740
#2	13.81133	79.43122	.0693043	-.001881	4.554772	.6043590	2.359420
#3	13.52908	76.98824	.0730568	-.001528	4.504722	.5951633	2.311279

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.24059	2.640651	.5338725	.0408236	23.48564	3.424639	.0776634
Stddev	.47735	.066025	.0109535	.0008377	.60995	.057778	.0029462
%RSD	1.578519	2.500322	2.051705	2.051990	2.597120	1.687139	3.793610

#1	29.86945	2.629937	.5388656	.0404374	23.36174	3.381763	.0754986
#2	30.77909	2.580639	.5414398	.0402486	22.94715	3.490344	.0764729
#3	30.07323	2.711378	.5213121	.0417847	24.14803	3.401809	.0810186

Sample Name: J3068-05 Acquired: 5/24/2018 12:46:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH1C55 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.546182	.1454270	.7842706
Stddev	.035655	.0024827	.0108576
%RSD	1.400347	1.707195	1.384419

#1	2.522580	.1430573	.7759387
#2	2.587198	.1480091	.7965496
#3	2.528769	.1452147	.7803234

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2741.506	2795.516	70362.64	8922.852	3799.539
Stddev	31.059	45.312	503.77	144.301	74.290
%RSD	1.132907	1.620873	.7159688	1.617210	1.955238

#1	2721.219	2807.487	70018.08	9012.680	3817.135
#2	2726.038	2833.641	70129.02	8756.402	3863.451
#3	2777.262	2745.421	70940.81	8999.475	3718.030

Sample Name: J3068-06 Acquired: 5/24/2018 12:50:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C56 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2246421	-.010792	13.06739	-.051810	.0623934	127.8547	2.639021
Stddev	.0049503	.001816	.01533	.004352	.0005511	.4107	.004976
%RSD	2.203634	16.82869	.1173332	8.399638	.8832601	.3212215	.1885680

#1	.2295553	-.009000	13.08107	-.047683	.0617922	128.1517	2.640988
#2	.2247155	-.012632	13.07029	-.051391	.0625133	128.0263	2.642713
#3	.2196555	-.010745	13.05082	-.056357	.0628746	127.3860	2.633361

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103297	.0174576	66.02936	.0298284	.1865218	.8957359	416.2529
Stddev	.0002707	.0000068	.16254	.0001800	.0005101	.0016637	1.2983
%RSD	2.620319	.0392639	.2461571	.6033657	.2734613	.1857309	.3119102

#1	.0105893	.0174646	66.14494	.0300147	.1865328	.8958165	417.3724
#2	.0103508	.0174573	66.09964	.0296555	.1860064	.8973578	416.5566
#3	.0100492	.0174509	65.84351	.0298150	.1870263	.8940334	414.8296

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.84408	63.14553	.0849028	.0666506	3.191048	.4559560	2.936135
Stddev	.02120	.22567	.0000605	.0001450	.154702	.0048216	.043234
%RSD	.1955194	.3573825	.0712143	.2175403	4.848002	1.057465	1.472492

#1	10.86308	63.17077	.0849592	.0668054	3.044245	.4550563	2.886223
#2	10.82121	63.35753	.0849102	.0666284	3.352594	.4611640	2.960209
#3	10.84794	62.90831	.0848389	.0665180	3.176304	.4516476	2.961973

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.01473	2.264304	.4328929	.0383765	19.07676	4.216283	.0662300
Stddev	.04944	.005849	.0030586	.0003813	.06584	.065950	.0014140
%RSD	.1829939	.2583158	.7065380	.9935521	.3451571	1.564184	2.134949

#1	27.07170	2.270559	.4300170	.0387830	19.15197	4.289101	.0661292
#2	26.98932	2.263382	.4361061	.0383197	19.04875	4.160571	.0648692
#3	26.98317	2.258970	.4325557	.0380268	19.02954	4.199178	.0676917

Sample Name: J3068-06 Acquired: 5/24/2018 12:50:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C56 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.127048	.2057878	.6921292
Stddev	.009362	.0006735	.0009285
%RSD	.4401394	.3272819	.1341542

#1	2.133194	.2050206	.6912551
#2	2.131677	.2062817	.6931040
#3	2.116273	.2060612	.6920285

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2798.721	2880.535	71615.38	9132.781	3922.933
Stddev	15.311	3.934	534.10	62.093	6.963
%RSD	.5470755	.1365760	.7457922	.6798961	.1775065

#1	2810.493	2884.024	72219.64	9061.117	3927.635
#2	2781.412	2881.309	71420.07	9166.667	3926.232
#3	2804.259	2876.271	71206.41	9170.559	3914.934

Sample Name: J3068-07 Acquired: 5/24/2018 12:54:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C57 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2059601	-.010208	7.881936	-.058275	.0397764	129.6373	2.795559
Stddev	.0025515	.002455	.012810	.003263	.0000808	.2233	.002260
%RSD	1.238842	24.05295	.1625184	5.599175	.2031426	.1722407	.0808497

#1	.2034517	-.010885	7.892305	-.061976	.0398231	129.7266	2.795483
#2	.2058761	-.012253	7.867616	-.057035	.0398230	129.8022	2.797856
#3	.2085526	-.007485	7.885887	-.055813	.0396831	129.3832	2.793338

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108576	.0173228	80.95257	.0504650	.2135778	.7897002	431.7422
Stddev	.0001819	.0001975	.10185	.0002228	.0007275	.0022798	1.3080
%RSD	1.675050	1.140014	.1258177	.4414553	.3406024	.2886852	.3029609

#1	.0110240	.0170948	80.94616	.0503179	.2131049	.7875171	431.6060
#2	.0108854	.0174384	81.05748	.0503557	.2132130	.7920656	433.1130
#3	.0106635	.0174352	80.85407	.0507213	.2144154	.7895178	430.5076

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.47360	64.62493	.1024966	.0298457	3.702793	.4526237	3.121441
Stddev	.04914	.05447	.0002417	.0008257	.049419	.0069212	.037889
%RSD	.4691729	.0842840	.2358464	2.766412	1.334634	1.529120	1.213834

#1	10.52798	64.60861	.1027161	.0302168	3.751005	.4458437	3.112267
#2	10.46043	64.68569	.1022375	.0288996	3.652250	.4523496	3.088981
#3	10.43239	64.58048	.1025360	.0304208	3.705124	.4596779	3.163075

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.52681	2.667417	.4516979	.0361853	21.64249	3.733792	.0678870
Stddev	.011111	.012235	.0075113	.0002136	.06752	.045286	.0003458
%RSD	.0389417	.4586889	1.662907	.5901975	.3119624	1.212859	.5093677

#1	28.53943	2.666854	.4436433	.0363236	21.68159	3.785552	.0678924
#2	28.52246	2.655474	.4585113	.0359393	21.56453	3.714353	.0675386
#3	28.51853	2.679924	.4529392	.0362929	21.68134	3.701472	.0682301

Sample Name: J3068-07 Acquired: 5/24/2018 12:54:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C57 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.036506	.1912794	.7785252
Stddev	.005087	.0005882	.0014756
%RSD	.2497948	.3075155	.1895328

#1	2.041176	.1907078	.7801251
#2	2.037257	.1912476	.7782325
#3	2.031085	.1918829	.7772178

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2789.528	2883.943	71914.19	9102.721	3888.933
Stddev	7.913	7.207	60.64	43.192	4.701
%RSD	.2836614	.2499034	.0843265	.4744971	.1208806

#1	2789.804	2878.435	71918.77	9056.300	3886.167
#2	2781.481	2892.100	71972.41	9110.140	3894.361
#3	2797.299	2881.294	71851.39	9141.723	3886.272

Sample Name: J3068-08 Acquired: 5/24/2018 12:57:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C58 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2524163	-.013915	8.645303	-.057999	.0408376	154.0934	2.853210
Stddev	.0055570	.005160	.016517	.007897	.0008859	.2042	.001005
%RSD	2.201515	37.08090	.1910470	13.61633	2.169367	.1325323	.0352302

#1	.2537292	-.009890	8.631406	-.066818	.0405600	153.9109	2.854234
#2	.2463204	-.019732	8.640940	-.055599	.0401237	154.0554	2.853172
#3	.2571993	-.012124	8.663563	-.051580	.0418291	154.3140	2.852224

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122474	.0187447	65.50391	.0332837	.2151581	.9951533	467.2159
Stddev	.0000573	.0001904	.04863	.0003030	.0007272	.0009848	.3286
%RSD	.4682618	1.015572	.0742344	.9103786	.3379905	.0989592	.0703383

#1	.0121812	.0186666	65.45010	.0333226	.2151934	.9961755	467.5867
#2	.0122817	.0186058	65.54472	.0329631	.2144139	.9942108	467.1002
#3	.0122794	.0189617	65.51690	.0335654	.2158670	.9950736	466.9608

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.24585	72.00608	.0818718	.0393680	3.218512	.4541023	3.832777
Stddev	.03409	.25562	.0012096	.0006748	.341160	.0012236	.033382
%RSD	.2573753	.3549917	1.477481	1.713992	10.59991	.2694518	.8709662

#1	13.25003	71.76881	.0807055	.0385984	2.826995	.4530042	3.871171
#2	13.20986	71.97269	.0817892	.0398584	3.376517	.4538815	3.816537
#3	13.27766	72.27676	.0831206	.0396471	3.452025	.4554213	3.810621

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.12022	2.780401	.4745987	.0564084	22.01810	4.126306	.0929626
Stddev	.011106	.001236	.0082911	.0000838	.03135	.036699	.0021065
%RSD	.0355258	.0444640	1.746979	.1486082	.1423694	.8894008	2.265922

#1	31.12847	2.779874	.4818459	.0563930	21.98704	4.084122	.0947485
#2	31.12453	2.781813	.4763926	.0563334	22.04973	4.143901	.0934997
#3	31.10766	2.779515	.4655574	.0564989	22.01752	4.150896	.0906396

Sample Name: J3068-08 Acquired: 5/24/2018 12:57:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH1C58 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.680990	.1609595	.7569147
Stddev	.012530	.0004537	.0005738
%RSD	.7453729	.2818968	.0758016

#1	1.672087	.1612223	.7574731
#2	1.675565	.1604356	.7563267
#3	1.695318	.1612206	.7569442

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2785.315	2866.162	71308.79	9150.180	3845.604
Stddev	12.079	9.820	288.75	30.129	8.811
%RSD	.4336594	.3426222	.4049331	.3292730	.2291235

#1	2786.588	2869.705	71221.08	9182.416	3843.516
#2	2772.650	2873.718	71074.06	9122.731	3855.271
#3	2796.707	2855.061	71631.23	9145.393	3838.024

Sample Name: J3068-09 Acquired: 5/24/2018 13:01:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C59 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2465286	-.016344	9.575221	-.066075	.0418448	157.1266	3.463745
Stddev	.0049063	.002178	.050032	.005929	.0012018	.0809	.010822
%RSD	1.990158	13.32748	.5225189	8.972523	2.871951	.0514590	.3124355

#1	.2435160	-.014815	9.588886	-.059680	.0432324	157.2182	3.454845
#2	.2438798	-.018838	9.519775	-.067157	.0411375	157.0651	3.475792
#3	.2521900	-.015380	9.617001	-.071389	.0411645	157.0965	3.460599

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125580	.0141919	80.26742	.0510743	.2090038	.9240903	510.0061
Stddev	.0000652	.0002313	.22200	.0014156	.0013994	.0028754	2.1096
%RSD	.5194723	1.629641	.2765794	2.771643	.6695583	.3111629	.4136328

#1	.0124841	.0142078	80.18021	.0496632	.2098428	.9214967	511.3350
#2	.0125822	.0139531	80.51979	.0524944	.2073884	.9271823	507.5737
#3	.0126076	.0144148	80.10226	.0510651	.2097804	.9235918	511.1097

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.11297	71.58715	.0767670	.0271463	3.686448	.5391337	3.397736
Stddev	.01969	.30812	.0014184	.0001429	.085092	.0067154	.034214
%RSD	.1501619	.4304140	1.847652	.5262150	2.308240	1.245581	1.006970

#1	13.09780	71.72188	.0778937	.0272942	3.588207	.5314078	3.426488
#2	13.13522	71.23461	.0751742	.0270092	3.734073	.5424230	3.359895
#3	13.10589	71.80496	.0772332	.0271355	3.737063	.5435702	3.406824

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.52935	3.125723	.5123792	.0435899	26.48246	3.570307	.0949007
Stddev	.07703	.018586	.0086170	.0006008	.15247	.002258	.0024432
%RSD	.2108715	.5946190	1.681757	1.378380	.5757347	.0632560	2.574516

#1	36.44937	3.136159	.5133796	.0430738	26.50964	3.568341	.0942678
#2	36.60304	3.104265	.5033057	.0434465	26.31824	3.572774	.0928362
#3	36.53564	3.136746	.5204523	.0442495	26.61952	3.569807	.0975981

Sample Name: J3068-09 Acquired: 5/24/2018 13:01:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C59 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.998967	.1440700	.9463163
Stddev	.007105	.0009934	.0007967
%RSD	.3554487	.6894889	.0841932

#1	1.996312	.1452139	.9471128
#2	1.993571	.1434255	.9463168
#3	2.007017	.1435705	.9455194

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2720.808	2832.336	69909.27	9042.022	3863.781
Stddev	10.414	16.312	99.21	22.043	22.217
%RSD	.3827403	.5759087	.1419130	.2437892	.5749986

#1	2732.816	2834.133	70001.42	9021.499	3858.207
#2	2715.355	2847.675	69922.13	9039.244	3888.255
#3	2714.254	2815.200	69804.26	9065.323	3844.883

Sample Name: J3068-10 Acquired: 5/24/2018 13:05:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C60 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1783755	-.009111	3.077313	-.044185	.0141555	132.1260	2.918763
Stddev	.0078693	.004482	.047498	.002120	.0010207	1.3520	.019311
%RSD	4.411661	49.19292	1.543491	4.798274	7.210409	1.023303	.6616037

#1	.1704572	-.004053	3.022645	-.041913	.0153180	132.9850	2.929838
#2	.1784743	-.010691	3.100830	-.044533	.0137422	132.8255	2.929986
#3	.1861949	-.012590	3.108465	-.046110	.0134063	130.5675	2.896465

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102895	.0120920	125.1671	.0833196	.2758972	1.036681	328.4186
Stddev	.0000379	.0004920	.9462	.0006934	.0047356	.010458	4.4401
%RSD	.3686852	4.069004	.7559204	.8321974	1.716425	1.008775	1.351965

#1	.0103313	.0115427	125.6591	.0832329	.2704591	1.035178	330.6932
#2	.0102799	.0122409	125.7660	.0840523	.2781208	1.047809	331.2604
#3	.0102573	.0124924	124.0764	.0826737	.2791119	1.027056	323.3021

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.98270	50.81986	.0993125	.0062427	2.242376	.3657049	4.929291
Stddev	.06849	.74836	.0014617	.0003324	.031671	.0064777	.024833
%RSD	.5275563	1.472566	1.471790	5.325124	1.412409	1.771300	.5037776

#1	13.00498	51.30322	.0977828	.0065623	2.255571	.3720086	4.943161
#2	13.03729	51.19851	.0994598	.0058988	2.265316	.3660400	4.944089
#3	12.90585	49.95785	.1006950	.0062671	2.206240	.3590661	4.900621

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.71520	2.420266	.3715576	.0282348	13.57309	6.064081	.0863909
Stddev	.21220	.042458	.0083618	.0003051	.20454	.070522	.0010395
%RSD	.7656385	1.754266	2.250465	1.080419	1.506948	1.162938	1.203284

#1	27.77767	2.373805	.3739225	.0278828	13.34590	6.097641	.0859064
#2	27.88915	2.457051	.3784823	.0284219	13.74259	6.111555	.0875842
#3	27.47878	2.429940	.3622681	.0283998	13.63079	5.983047	.0856820

Sample Name: J3068-10 Acquired: 5/24/2018 13:05:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C60 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.801766	.1538258	.9605496
Stddev	.017531	.0016145	.0072959
%RSD	.9730101	1.049535	.7595549

#1	1.815499	.1536896	.9645145
#2	1.807779	.1555040	.9650045
#3	1.782019	.1522838	.9521298

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2877.265	3004.296	74077.85	9459.529	3884.176
Stddev	21.954	32.770	633.39	114.216	54.987
%RSD	.7630293	1.090770	.8550328	1.207415	1.415674

#1	2858.707	3042.135	73568.75	9415.659	3947.512
#2	2871.587	2985.249	73877.67	9373.752	3856.390
#3	2901.500	2985.503	74787.15	9589.175	3848.627

Sample Name: J3068-11 Acquired: 5/24/2018 13:09:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C61 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1730279	-.009345	2.914106	-.040707	.0134320	128.4251	2.677512
Stddev	.0039709	.002313	.010310	.002668	.0011583	1.4409	.032164
%RSD	2.294972	24.75273	.3538005	6.554831	8.623209	1.122010	1.201258

#1	.1749858	-.009728	2.904032	-.037645	.0121128	127.5686	2.664967
#2	.1684582	-.006864	2.913648	-.041945	.0139011	130.0887	2.714058
#3	.1756396	-.011443	2.924637	-.042532	.0142823	127.6179	2.653511

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100534	.0117353	110.3226	.0832216	.2661311	.9051115	328.0679
Stddev	.0001115	.0001494	1.4390	.0012405	.0018097	.0101923	2.7303
%RSD	1.108834	1.272960	1.304326	1.490623	.6799897	1.126087	.8322336

#1	.0101470	.0117070	109.8611	.0825021	.2643200	.9067733	326.1476
#2	.0100831	.0116021	111.9357	.0825088	.2661339	.9143707	331.1934
#3	.0099300	.0118969	109.1710	.0846541	.2679393	.8941903	326.8626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.29520	49.78189	.1004747	.0065725	2.270417	.3605297	5.387397
Stddev	.17704	.47598	.0004384	.0009127	.054508	.0045464	.052913
%RSD	1.439872	.9561372	.4362815	13.88666	2.400774	1.261022	.9821545

#1	12.23855	49.50439	.1003487	.0071790	2.224184	.3579774	5.375790
#2	12.49362	50.33150	.1001132	.0070157	2.330520	.3578329	5.341252
#3	12.15342	49.50978	.1009623	.0055228	2.256548	.3657787	5.445150

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.50442	2.302334	.3652397	.0282441	13.50459	3.812170	.0719065
Stddev	.37144	.013932	.0047416	.0001428	.09647	.024460	.0007530
%RSD	1.401439	.6051098	1.298220	.5057466	.7143198	.6416176	1.047182

#1	26.29409	2.296678	.3604345	.0280793	13.44010	3.797751	.0713840
#2	26.93330	2.292119	.3699150	.0283328	13.45818	3.840411	.0715660
#3	26.28587	2.318204	.3653697	.0283201	13.61549	3.798348	.0727696

Sample Name: J3068-11 Acquired: 5/24/2018 13:09:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C61 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.734928	.1514896	.8766094
Stddev	.019683	.0024823	.0106466
%RSD	1.134501	1.638579	1.214520

#1	1.722837	.1518137	.8721529
#2	1.757640	.1537938	.8887601
#3	1.724308	.1488611	.8689152

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2884.309	2987.960	73892.58	9389.982	3897.298
Stddev	33.143	5.819	652.98	110.924	4.492
%RSD	1.149064	.1947539	.8836867	1.181306	.1152639

#1	2914.284	2985.114	74428.93	9441.166	3898.959
#2	2889.926	2994.655	74083.34	9262.707	3900.723
#3	2848.717	2984.112	73165.46	9466.073	3892.212

Sample Name: J3068-12 Acquired: 5/24/2018 13:13:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C62 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2361592	-.021813	4.882150	-.062070	.0214287	166.6526	2.515414
Stddev	.0042699	.002734	.013238	.000337	.0012374	.2861	.000450
%RSD	1.808072	12.53152	.2711517	.5421358	5.774317	.1716728	.0178731

#1	.2378318	-.020053	4.880647	-.062459	.0201108	166.7736	2.515794
#2	.2313062	-.020425	4.869727	-.061878	.0216096	166.8583	2.514918
#3	.2393397	-.024963	4.896075	-.061875	.0225656	166.3258	2.515531

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135791	.0174467	63.12995	.0481203	.5434329	.5978166	460.8343
Stddev	.0001061	.0002917	.02020	.0003970	.0013584	.0035463	1.1389
%RSD	.7814065	1.671996	.0319941	.8250934	.2499663	.5932102	.2471468

#1	.0136230	.0171618	63.15164	.0482804	.5423773	.5939112	461.6478
#2	.0136562	.0177448	63.11168	.0476682	.5429560	.5987028	461.3225
#3	.0134581	.0174334	63.12653	.0484122	.5449654	.6008358	459.5326

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.18024	59.87028	.1133304	.0094053	2.846667	.4216301	2.555293
Stddev	.06023	.42575	.0009628	.0005605	.186424	.0075385	.016991
%RSD	.3505535	.7111284	.8495609	5.959473	6.548856	1.787954	.6649159

#1	17.13815	60.23486	.1123640	.0095601	3.030591	.4300473	2.551942
#2	17.15334	59.97360	.1142896	.0098721	2.657839	.4155000	2.540228
#3	17.24923	59.40237	.1133377	.0087836	2.851570	.4193429	2.573710

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.72645	3.305322	.4720136	.0442139	20.95453	3.043408	.1132339
Stddev	.02427	.017344	.0047904	.0004511	.08858	.014148	.0010227
%RSD	.0875472	.5247387	1.014892	1.020270	.4227472	.4648636	.9032028

#1	27.69964	3.286650	.4674721	.0445074	20.85224	3.053640	.1137478
#2	27.74692	3.308387	.4715495	.0444398	21.00535	3.049322	.1120562
#3	27.73281	3.320931	.4770192	.0436945	21.00599	3.027263	.1138979

Sample Name: J3068-12 Acquired: 5/24/2018 13:13:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH1C62 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.514989	.1731695	.7060714
Stddev	.005132	.0010857	.0012701
%RSD	.3387399	.6269408	.1798838

#1	1.516259	.1720858	.7059604
#2	1.519367	.1731657	.7048604
#3	1.509341	.1742571	.7073934

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3286.001	3394.513	84453.49	10817.48	3832.834
Stddev	2.127	5.146	372.82	42.45	7.040
%RSD	.0647162	.1515970	.4414466	.3924154	.1836756

#1	3288.454	3395.884	84434.85	10783.49	3838.007
#2	3284.672	3398.834	84835.28	10803.87	3835.678
#3	3284.877	3388.820	84090.35	10865.06	3824.817

Sample Name: J3068-13 Acquired: 5/24/2018 13:17:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C63 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2248823	-.019162	4.590240	-.056871	.0188015	160.9782	2.384748
Stddev	.0016869	.003148	.118591	.001612	.0016120	.4068	.003120
%RSD	.7501267	16.42623	2.583540	2.834889	8.573862	.2527282	.1308247

#1	.2261847	-.020959	4.724857	-.057100	.0199132	161.0062	2.381172
#2	.2254855	-.015527	4.501195	-.058356	.0169527	161.3703	2.386159
#3	.2229768	-.020999	4.544669	-.055156	.0195387	160.5581	2.386912

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131211	.0160022	58.29213	.0303897	.5224997	.5752124	440.3175
Stddev	.0002284	.0007907	.04346	.0004746	.0125441	.0018266	1.7284
%RSD	1.740429	4.941337	.0745554	1.561638	2.400794	.3175466	.3925316

#1	.0131207	.0168445	58.29280	.0308306	.5369681	.5769595	441.1298
#2	.0133497	.0152759	58.33525	.0298874	.5146691	.5753620	441.4900
#3	.0128930	.0158861	58.24834	.0304510	.5158621	.5733156	438.3325

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.42383	57.32684	.0977209	.0084844	2.816580	.3994298	2.287731
Stddev	.00768	.19064	.0018931	.0006516	.117789	.0032111	.018888
%RSD	.0467508	.3325560	1.937257	7.680234	4.181973	.8039224	.8256219

#1	16.43153	57.26006	.0998708	.0088234	2.947814	.4011287	2.281912
#2	16.42377	57.54189	.0963037	.0088967	2.781903	.4014345	2.272437
#3	16.41618	57.17857	.0969882	.0077332	2.720022	.3957261	2.308844

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.98843	3.079728	.4586627	.0406118	19.80886	3.736926	.1302317
Stddev	.06951	.074423	.0019561	.0008244	.50907	.033250	.0048495
%RSD	.2674615	2.416551	.4264894	2.029857	2.569915	.8897816	3.723748

#1	25.97610	3.165571	.4568875	.0415313	20.39192	3.754318	.1357323
#2	26.06329	3.033333	.4607599	.0399387	19.45265	3.757874	.1265729
#3	25.92592	3.040281	.4583408	.0403654	19.58200	3.698587	.1283898

Sample Name: J3068-13 Acquired: 5/24/2018 13:17:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C63 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.457518	.1684527	.6725400
Stddev	.009639	.0007897	.0015485
%RSD	.6613541	.4687812	.2302503

#1	1.456437	.1679310	.6730228
#2	1.467652	.1693612	.6737897
#3	1.448465	.1680659	.6708076

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3276.471	3325.388	84003.83	10701.62	3787.240
Stddev	29.406	51.854	306.85	76.76	83.237
%RSD	.8975041	1.559345	.3652776	.7172554	2.197822

#1	3305.608	3266.885	84302.86	10660.71	3692.314
#2	3277.003	3365.679	84018.91	10653.98	3847.747
#3	3246.803	3343.602	83689.72	10790.16	3821.659

Sample Name: J3068-14 Acquired: 5/24/2018 13:21:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C64 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1955734	-.015255	3.409360	-.051021	.0177109	140.9594	2.074086
Stddev	.0019368	.002214	.016081	.003822	.0009241	.2372	.002040
%RSD	.9903165	14.51275	.4716670	7.490848	5.217634	.1682498	.0983606

#1	.1942398	-.016059	3.397007	-.047070	.0166765	140.7884	2.072016
#2	.1977950	-.016955	3.403531	-.051293	.0184550	140.8597	2.076094
#3	.1946855	-.012751	3.427543	-.054700	.0180012	141.2302	2.074150

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113300	.0086874	70.07038	.0192779	.5047816	.4101217	407.5000
Stddev	.0000599	.0002257	.04751	.0002147	.0024482	.0058882	1.7232
%RSD	.5287957	2.598208	.0677979	1.113968	.4850120	1.435711	.4228699

#1	.0113991	.0086049	70.02463	.0191379	.5034240	.4132647	407.4313
#2	.0112926	.0089427	70.06705	.0191706	.5033130	.4033289	405.8122
#3	.0112982	.0085145	70.11947	.0195252	.5076079	.4137715	409.2565

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.82597	54.47596	.0767363	.0008705	2.649110	.3754494	1.572716
Stddev	.01780	.15693	.0004378	.0002754	.111779	.0018436	.019290
%RSD	.1200699	.2880710	.5705887	31.63291	4.219507	.4910471	1.226538

#1	14.80593	54.36037	.0762627	.0009939	2.711543	.3764903	1.550581
#2	14.83202	54.41291	.0768196	.0010626	2.715725	.3765371	1.585936
#3	14.83995	54.65461	.0771264	.0005550	2.520061	.3733207	1.581632

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.08451	2.526028	.4146574	.0384070	16.84316	4.635663	.0820079
Stddev	.06182	.018058	.0039548	.0000856	.09229	.032399	.0023442
%RSD	.2799073	.7148730	.9537596	.2229189	.5479279	.6989043	2.858480

#1	22.01435	2.505501	.4101318	.0383195	16.73754	4.672313	.0805815
#2	22.13099	2.533123	.4174494	.0384109	16.88372	4.610834	.0807288
#3	22.10818	2.539462	.4163910	.0384906	16.90822	4.623843	.0847134

Sample Name: J3068-14 Acquired: 5/24/2018 13:21:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH1C64 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.525797	.1850567	.6403618
Stddev	.004846	.0007789	.0014592
%RSD	.3176060	.4208916	.2278754

#1	1.525373	.1854119	.6398294
#2	1.521177	.1841635	.6392436
#3	1.530841	.1855946	.6420125

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3147.470	3254.263	80687.87	10340.03	3874.082
Stddev	23.274	1.914	58.87	46.53	13.150
%RSD	.7394653	.0588048	.0729544	.4499792	.3394481

#1	3132.872	3253.941	80630.47	10287.83	3877.341
#2	3135.228	3256.317	80685.04	10355.12	3885.296
#3	3174.311	3252.530	80748.10	10377.15	3859.608

Sample Name: J3068-15 Acquired: 5/24/2018 13:25:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C65 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2101177	-.016259	3.876142	-.059910	.0186491	149.3810	2.215049
Stddev	.0042170	.003612	.014805	.001120	.0007380	1.8226	.025935
%RSD	2.006957	22.21786	.3819410	1.870140	3.957274	1.220100	1.170854

#1	.2103637	-.015982	3.881423	-.060612	.0178384	147.2771	2.185167
#2	.2057831	-.020001	3.859421	-.060500	.0188269	150.4783	2.228279
#3	.2142062	-.012793	3.887582	-.058618	.0192819	150.3876	2.231701

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122399	.0105444	75.88650	.0287573	.5510976	.4359880	427.6803
Stddev	.0002346	.0001341	.99860	.0009375	.0015523	.0066370	4.9886
%RSD	1.916829	1.271522	1.315919	3.259874	.2816750	1.522297	1.166425

#1	.0119818	.0105299	74.74132	.0298008	.5526965	.4284466	421.9219
#2	.0122973	.0104182	76.34228	.0284852	.5495966	.4409404	430.4340
#3	.0124404	.0106852	76.57589	.0279860	.5509996	.4385768	430.6851

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.89811	57.46641	.0910501	.0032060	2.808899	.3991296	1.693762
Stddev	.18862	.79298	.0005713	.0005985	.345700	.0064911	.038376
%RSD	1.186411	1.379905	.6274628	18.66818	12.30733	1.626305	2.265725

#1	15.68032	56.55129	.0913796	.0026474	2.466932	.3917447	1.726547
#2	16.00547	57.95095	.0913803	.0031329	3.158216	.4017127	1.651551
#3	16.00855	57.89700	.0903904	.0038377	2.801550	.4039315	1.703186

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.64297	2.786775	.4264788	.0402573	18.83219	3.145341	.1252449
Stddev	.29858	.009443	.0074998	.0001306	.03772	.044911	.0028565
%RSD	1.262885	.3388404	1.758536	.3244492	.2002786	1.427852	2.280730

#1	23.30909	2.784011	.4208446	.0403922	18.83688	3.093654	.1285161
#2	23.88439	2.779023	.4349914	.0401314	18.79235	3.174827	.1232430
#3	23.73541	2.797292	.4236004	.0402483	18.86734	3.167543	.1239756

Sample Name: J3068-15 Acquired: 5/24/2018 13:25:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C65 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.459988	.1976765	.6784602
Stddev	.016037	.0023442	.0078184
%RSD	1.098464	1.185879	1.152369

#1	1.441601	.1950663	.6694678
#2	1.471090	.1996025	.6836492
#3	1.467273	.1983606	.6822636

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3245.347	3342.413	83199.00	10699.05	3862.699
Stddev	14.808	3.120	271.79	115.42	3.206
%RSD	.4562788	.0933351	.3266784	1.078762	.0830021

#1	3236.416	3341.614	83095.36	10826.79	3860.648
#2	3237.185	3345.854	82994.28	10602.28	3866.393
#3	3262.440	3339.770	83507.37	10668.08	3861.055

Sample Name: J3068-16 Acquired: 5/24/2018 13:29:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C66 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1429992	-.010621	3.370398	-.049888	.0150844	123.4297	2.459385
Stddev	.0022925	.002650	.005711	.004647	.0021332	1.5599	.029901
%RSD	1.603128	24.94701	.1694581	9.313974	14.14180	1.263766	1.215796

#1	.1403525	-.010184	3.366414	-.045332	.0132560	125.1450	2.492359
#2	.1442785	-.013462	3.367839	-.049710	.0174281	122.0963	2.434032
#3	.1443665	-.008217	3.376941	-.054620	.0145692	123.0477	2.451763

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099132	.0083271	97.47138	.0303275	.2177747	.4993365	384.4729
Stddev	.0000664	.0003840	1.02933	.0005447	.0004260	.0029793	5.4662
%RSD	.6694216	4.611532	1.056033	1.795919	.1955904	.5966556	1.421749

#1	.0099681	.0080022	98.62492	.0298987	.2179401	.5014262	390.3892
#2	.0098394	.0087509	96.64655	.0309403	.2172909	.5006584	379.6101
#3	.0099321	.0082282	97.14268	.0301436	.2180932	.4959249	383.4194

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.06383	64.43425	.0781670	.0097174	3.483292	.4514606	1.675319
Stddev	.10466	.82679	.0009766	.0009532	.078720	.0066008	.015580
%RSD	1.039916	1.283159	1.249433	9.809499	2.259920	1.462090	.9299820

#1	10.18265	65.34445	.0781670	.0108078	3.393221	.4586874	1.691255
#2	9.98536	63.72968	.0791436	.0090422	3.517735	.4457495	1.674581
#3	10.02348	64.22861	.0771903	.0093022	3.538921	.4499448	1.660121

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.48075	1.988619	.3920183	.0341622	16.89895	5.056133	.0508680
Stddev	.31600	.006819	.0039288	.0002098	.08625	.041772	.0013070
%RSD	1.405630	.3429133	1.002209	.6140873	.5103583	.8261695	2.569346

#1	22.84035	1.983741	.3959159	.0343705	16.85341	5.100087	.0522016
#2	22.24739	1.996411	.3920802	.0341653	16.99842	5.016953	.0508130
#3	22.35451	1.985706	.3880589	.0339509	16.84502	5.051359	.0495894

Sample Name: J3068-16 Acquired: 5/24/2018 13:29:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C66 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.097042	.2411028	.8320005
Stddev	.030559	.0026503	.0078872
%RSD	1.457225	1.099242	.9479821

#1	2.130550	.2441569	.8405685
#2	2.070711	.2394068	.8250426
#3	2.089865	.2397448	.8303904

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2815.343	2910.980	72122.13	9156.524	3914.476
Stddev	17.975	9.549	134.99	106.407	11.780
%RSD	.6384781	.3280467	.1871685	1.162088	.3009248

#1	2802.829	2917.426	71966.46	9034.553	3918.245
#2	2807.258	2915.505	72206.92	9230.343	3923.909
#3	2835.941	2900.009	72193.01	9204.677	3901.273

Sample Name: J3068-17 Acquired: 5/24/2018 13:33:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C67 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1424087	-.013183	3.587733	-.050799	.0134696	128.1753	2.553963
Stddev	.0026430	.001740	.017699	.001488	.0019448	.1337	.009248
%RSD	1.855919	13.20118	.4933219	2.929542	14.43883	.1043067	.3621218

#1	.1450135	-.011722	3.607890	-.049643	.0155413	128.0739	2.564134
#2	.1397291	-.012719	3.574737	-.050275	.0131845	128.3268	2.551694
#3	.1424836	-.015108	3.580571	-.052478	.0116831	128.1251	2.546060

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098949	.0087945	102.0517	.0322440	.2152962	.5001247	384.3409
Stddev	.0000917	.0000622	.2937	.0009206	.0008095	.0037301	2.3918
%RSD	.9272150	.7073729	.2878421	2.854979	.3760071	.7458381	.6223182

#1	.0099627	.0087887	102.3477	.0325322	.2162253	.4958243	381.5800
#2	.0099315	.0088594	102.0470	.0312138	.2149215	.5024850	385.7854
#3	.0097905	.0087354	101.7603	.0329860	.2147420	.5020646	385.6572

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.01683	66.45382	.0817674	.0019175	3.685030	.4540964	1.678473
Stddev	.01334	.29865	.0007110	.0008999	.307462	.0044965	.021982
%RSD	.1331830	.4494096	.8695482	46.93314	8.343551	.9902014	1.309626

#1	10.03089	66.11471	.0822618	.0010440	3.608234	.4529113	1.657628
#2	10.01526	66.56909	.0820879	.0018668	3.423244	.4503113	1.701438
#3	10.00435	66.67765	.0809526	.0028418	4.023611	.4590668	1.676352

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.21445	2.032766	.3975518	.0338792	17.16422	8.058559	.0378764
Stddev	.05783	.008574	.0041874	.0000602	.04509	.034318	.0016924
%RSD	.2491287	.4217975	1.053308	.1777901	.2627223	.4258616	4.468204

#1	23.14926	2.042638	.3971845	.0338290	17.21354	8.032599	.0384849
#2	23.25958	2.028478	.4019107	.0338624	17.12510	8.097468	.0391803
#3	23.23452	2.027182	.3935600	.0339460	17.15403	8.045610	.0359639

Sample Name: J3068-17 Acquired: 5/24/2018 13:33:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH1C67 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.447703	.2502955	.8743580
Stddev	.003255	.0009772	.0005213
%RSD	.1329916	.3904215	.0596186

#1	2.443958	.2509777	.8737804
#2	2.449299	.2491760	.8747935
#3	2.449853	.2507329	.8745000

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2799.001	2894.217	71562.60	9153.342	3888.476
Stddev	6.685	12.748	99.73	23.876	18.973
%RSD	.2388516	.4404738	.1393556	.2608492	.4879194

#1	2794.509	2880.131	71506.26	9180.799	3866.948
#2	2806.684	2904.964	71677.74	9137.458	3902.759
#3	2795.810	2897.555	71503.79	9141.768	3895.719

Sample Name: PB109543BS Acquired: 5/24/2018 13:37:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222870	.0561686	.0196576	.0759269	.1252849	.4337892
Stddev	.0014260	.0023057	.0002898	.0024664	.0019472	.0109754
%RSD	6.398521	4.104949	1.474389	3.248335	1.554250	2.530124

#1	.0213218	.0535231	.0198394	.0734968	.1265480	.4464428
#2	.0216144	.0577510	.0198101	.0784280	.1262642	.4280743
#3	.0239250	.0572316	.0193234	.0758558	.1230424	.4268504

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4316053	.0112903	.0104028	11.04908	.0230994	.1014417
Stddev	.0033067	.0001136	.0001838	.07319	.0001348	.0011410
%RSD	.7661355	1.005926	1.766876	.6623919	.5837522	1.124826

#1	.4348050	.0111604	.0105960	11.13336	.0229601	.1023623
#2	.4318098	.0113708	.0103822	11.01241	.0231087	.1017977
#3	.4282011	.0113398	.0102302	11.00148	.0232293	.1001651

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0569948	F .2761011	.0353059	10.87918	.0860278	.0213319
Stddev	.0011835	.0057289	.0001429	.13120	.0004027	.0002203
%RSD	2.076446	2.074926	.4046028	1.206014	.4680605	1.032538

#1	.0559399	.2694861	.0351979	10.96520	.0859185	.0215520
#2	.0567700	.2793708	.0352518	10.94418	.0864739	.0211115
#3	.0582746	.2794465	.0354679	10.72816	.0856911	.0213322

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.87486	.1181242	.1216361	10.69353	F .0040747	F .0155767
Stddev	.12867	.0029327	.0057362	.04770	.0002210	.0011582
%RSD	1.183196	2.482744	4.715842	.4460350	5.423509	7.435585

#1	10.78456	.1164872	.1262438	10.66377	.0041228	.0157169
#2	11.02219	.1215100	.1234528	10.74854	.0038335	.0166585
#3	10.81782	.1163754	.1152115	10.66828	.0042676	.0143548

Sample Name: PB109543BS Acquired: 5/24/2018 13:37:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218434	.2132502	.2074388	F .0138310	.2259044	.1013528
Stddev	.0002648	.0027242	.0024666	.0010869	.0035041	.0010932
%RSD	1.212214	1.277469	1.189049	7.858306	1.551126	1.078641

#1	.0216094	.2119202	.2046682	.0147069	.2299236	.1003899
#2	.0217900	.2163839	.2093959	.0141713	.2242982	.1025412
#3	.0221309	.2114465	.2082521	.0126146	.2234913	.1011273

Elem	Sr4077
Units	ppm
Avg	.2188606
Stddev	.0005700
%RSD	.2604471

#1	.2194371
#2	.2188475
#3	.2182973

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2518.739	2618.090	63531.13	7868.018	4331.162
Stddev	8.582	14.348	258.03	48.167	15.672
%RSD	.3407456	.5480257	.4061480	.6121911	.3618332

#1	2509.769	2606.965	63486.11	7923.556	4318.951
#2	2526.873	2613.021	63808.70	7842.845	4325.701
#3	2519.576	2634.285	63298.56	7837.652	4348.833

Sample Name: CCV076 Acquired: 5/24/2018 13:41:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV076 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.818948	4.762973	23.86703	4.729386	4.838173	408.2716
Stddev	.047212	.040947	.24301	.063668	.050436	1.3168
%RSD	.9797110	.8596877	1.018172	1.346218	1.042458	.3225200

#1	4.792384	4.753890	23.71229	4.692319	4.801508	407.3388
#2	4.791002	4.727330	23.74169	4.692936	4.817321	407.6981
#3	4.873457	4.807698	24.14712	4.802902	4.895692	409.7778

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.687314	.5073876	2.374345	381.4532	14.68624	2.379086
Stddev	.020877	.0021306	.025912	.2796	.02231	.022931
%RSD	.2155062	.4199234	1.091337	.0732892	.1519336	.9638642

#1	9.673235	.5055131	2.362331	381.7722	14.66391	2.365077
#2	9.677407	.5097048	2.356620	381.2508	14.68628	2.366632
#3	9.711300	.5069450	2.404083	381.3367	14.70853	2.405549

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.57065	422.8724	14.24280	409.4020	2.392230	1.175122
Stddev	.02900	1.1464	.04576	1.0996	.025459	.001776
%RSD	.1989986	.2711039	.3212811	.2685930	1.064228	.1511635

#1	14.59759	422.9685	14.26969	409.6316	2.377745	1.176647
#2	14.53996	421.6810	14.26874	408.2057	2.377318	1.175548
#3	14.57440	423.9677	14.18996	410.3687	2.421626	1.173171

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	412.7341	2.470951	14.36810	149.4237	F 5.986283	5.206447
Stddev	1.9574	.016469	.19733	.3506	.048596	.014853
%RSD	.4742474	.6665102	1.373375	.2346092	.8117964	.2852746

#1	411.0148	2.454559	14.59419	149.3300	5.968913	5.192235
#2	412.3232	2.470798	14.23050	149.1296	5.948759	5.205241
#3	414.8643	2.487496	14.27962	149.8116	6.041178	5.221867

Sample Name: CCV076 Acquired: 5/24/2018 13:41:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV076 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.776789	5.077594	4.933310	4.848397	4.913081	4.896572
Stddev	.049680	.053537	.012534	.055104	.028150	.013142
%RSD	1.040023	1.054379	.2540646	1.136537	.5729680	.2684012

#1	4.748252	5.043045	4.920492	4.822061	4.919451	4.890096
#2	4.747961	5.050472	4.945539	4.811402	4.882292	4.887924
#3	4.834154	5.139264	4.933900	4.911727	4.937501	4.911696

Elem	Sr4077
Units	ppm
Avg	4.887556
Stddev	.006257
%RSD	.1280162

#1	4.886055
#2	4.882186
#3	4.894427

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2152.159	2164.453	56108.92	7371.321	3251.684
Stddev	7.274	21.258	116.01	18.292	31.936
%RSD	.3379869	.9821192	.2067557	.2481467	.9821229

#1	2147.589	2175.663	55998.85	7381.900	3266.936
#2	2148.341	2177.759	56230.07	7350.199	3273.133
#3	2160.547	2139.937	56097.82	7381.863	3214.982

Sample Name: CCB076 Acquired: 5/24/2018 13:45:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB076 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001248	.0034476	-.001105	.0007658	-.001651	-.003167	-.001122
Stddev	.0037133	.0005888	.001734	.0029580	.000715	.004695	.000287
%RSD	2975.930	17.07921	156.9476	386.2472	43.34013	148.2539	25.61936

#1	-.001555	.0037560	-.002227	-.001420	-.001581	.001349	-.001105
#2	-.002452	.0027686	-.001979	.004132	-.002399	-.002827	-.001417
#3	.004381	.0038181	.000892	-.000415	-.000973	-.008022	-.000843

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000393	-.000024	.0106544	-.000401	-.000110	-.002595	.0125628
Stddev	.0000230	.000053	.0071443	.000203	.000303	.003859	.0080846
%RSD	58.53468	223.3338	67.05504	50.65804	274.9522	148.7071	64.35328

#1	.0000458	-.000033	.0126122	-.000468	-.000422	.001708	.0079005
#2	.0000584	.000033	.0166156	-.000562	.000182	-.003742	.0078899
#3	.0000138	-.000071	.0027353	-.000173	-.000090	-.005751	.0218981

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009735	-.017732	.0006963	.0007441	-.264328	.0009877	-.003275
Stddev	.0009223	.030758	.0002047	.0002540	.375951	.0039776	.001495
%RSD	94.73803	173.4617	29.40210	34.13672	142.2287	402.7179	45.65933

#1	.0001388	.014994	.0005069	.0004555	.116008	.0031389	-.001760
#2	.0008180	-.046045	.0009135	.0008430	-.273259	.0034264	-.004750
#3	.0019636	-.022144	.0006684	.0009337	-.635734	-.003602	-.003315

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.308043	-.001127	-.000661	.0002250	.0234110	-.006817	-.001602
Stddev	.044280	.000388	.000522	.0002774	.0043753	.001146	.000186
%RSD	14.37463	34.40698	78.97680	123.3025	18.68908	16.81552	11.62845

#1	-.330608	-.000979	-.000703	-.000092	.0226243	-.006998	-.001402
#2	-.336496	-.001567	-.000119	.000425	.0194824	-.007861	-.001634
#3	-.257026	-.000835	-.001160	.000341	.0281263	-.005590	-.001770

Sample Name: CCB076 Acquired: 5/24/2018 13:45:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB076 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001165	.0022036	.0000091
Stddev	.000468	.0012687	.0000703
%RSD	40.16320	57.57622	768.6938

#1	-.001668	.0020377	.0000867
#2	-.001084	.0035470	-.000009
#3	-.000743	.0010259	-.000050

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2491.260	2628.188	62715.58	7781.983	4389.420
Stddev	63.977	11.991	1565.66	115.262	15.862
%RSD	2.568077	.4562365	2.496440	1.481133	.3613661

#1	2525.210	2623.425	63510.45	7837.450	4379.830
#2	2417.464	2641.828	60911.93	7859.025	4407.729
#3	2531.107	2619.310	63724.35	7649.475	4380.702

Sample Name: PB109604BS Acquired: 5/24/2018 13:53:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	.0203609	.0497238	.0196413	.0674355	.1117861	.3891217
Stddev	.0016979	.0024258	.0020743	.0030572	.0013411	.0048403
%RSD	8.339081	4.878501	10.56104	4.533491	1.199733	1.243902

#1	.0184094	.0522826	.0180036	.0706411	.1111844	.3945266
#2	.0215001	.0474576	.0189465	.0671130	.1108513	.3851869
#3	.0211733	.0494312	.0219739	.0645523	.1133228	.3876516

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3846928	.0100796	.0093416	9.818433	.0198321	.0909759
Stddev	.0049527	.0000763	.0000639	.121303	.0010017	.0005407
%RSD	1.287446	.7574893	.6842405	1.235459	5.050876	.5943163

#1	.3904039	.0101672	.0093060	9.952521	.0201342	.0904196
#2	.3820972	.0100276	.0093035	9.786453	.0206479	.0910084
#3	.3815775	.0100439	.0094154	9.716323	.0187141	.0914995

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0497597	.2219597	.0320786	9.750095	.0767887	.0189100
Stddev	.0017730	.0069190	.0004166	.156363	.0006225	.0006019
%RSD	3.563114	3.117223	1.298786	1.603704	.8106618	3.183091

#1	.0482795	.2293965	.0316718	9.925791	.0767381	.0194038
#2	.0517247	.2207695	.0320597	9.698267	.0774350	.0190868
#3	.0492749	.2157130	.0325044	9.626227	.0761931	.0182395

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.694712	.1044224	.1109569	9.551474	F .0033754	F .0142383
Stddev	.376080	.0021572	.0084488	.095853	.0002984	.0008345
%RSD	3.879229	2.065793	7.614464	1.003545	8.839225	5.860924

#1	10.12481	.1049277	.1186534	9.653600	.0037130	.0137022
#2	9.42774	.1020574	.1019169	9.463458	.0032661	.0151998
#3	9.53159	.1062820	.1123004	9.537362	.0031472	.0138130

Sample Name: PB109604BS Acquired: 5/24/2018 13:53:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	.0192856	.1888992	.1863088	F .0124815	.2007311	.0912126
Stddev	.0001625	.0083707	.0018283	.0008056	.0012898	.0014399
%RSD	.8426149	4.431304	.9813206	6.454258	.6425416	1.578619

#1	.0193329	.1961229	.1874560	.0116647	.2022093	.0908348
#2	.0191047	.1908491	.1842004	.0125045	.1998347	.0928038
#3	.0194192	.1797257	.1872701	.0132754	.2001493	.0899993

Elem	Sr4077
Units	ppm
Avg	.1950311
Stddev	.0019341
%RSD	.9916930

#1	.1971925
#2	.1934636
#3	.1944372

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2562.187	2611.811	64464.82	7738.366	4315.911
Stddev	85.085	5.999	2037.14	65.227	12.923
%RSD	3.320808	.2296840	3.160082	.8428992	.2994348

#1	2497.531	2614.106	63041.29	7666.251	4325.852
#2	2530.450	2616.325	63554.83	7793.240	4320.579
#3	2658.579	2605.004	66798.35	7755.606	4301.302

Sample Name: J3068-18 Acquired: 5/24/2018 13:57:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C68 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0557019	-.000453	.3553394	-.018851	.0045393	79.64532	1.904862
Stddev	.0006094	.003255	.0071838	.003295	.0014930	4.20959	.099751
%RSD	1.094127	718.2877	2.021674	17.47924	32.89109	5.285417	5.236673

#1	.0551943	-.002022	.3596325	-.021648	.0046170	76.77447	1.835391
#2	.0555337	-.002627	.3593397	-.015219	.0030089	77.68379	1.860032
#3	.0563778	.003289	.3470460	-.019688	.0059919	84.47770	2.019163

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076957	.0042683	137.1883	.0769170	.0717847	.2466307	164.0343
Stddev	.0001966	.0004555	6.7933	.0039691	.0012318	.0140931	9.4534
%RSD	2.554889	10.67202	4.951832	5.160208	1.715892	5.714261	5.763075

#1	.0074995	.0044715	132.4128	.0759897	.0718060	.2406161	157.5915
#2	.0076949	.0045868	134.1868	.0812676	.0730057	.2365429	159.6245
#3	.0078927	.0037465	144.9654	.0734936	.0705425	.2627333	174.8869

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.049539	37.60361	.1225612	-.002291	1.351982	.2240193	.9388631
Stddev	.291344	2.15202	.0025349	.001167	.042664	.0147718	.0260980
%RSD	4.815973	5.722915	2.068232	50.93509	3.155629	6.593984	2.779739

#1	5.844563	36.12449	.1221816	-.002415	1.333289	.2164057	.9125686
#2	5.921006	36.61391	.1252645	-.003391	1.400801	.2146075	.9392607
#3	6.383046	40.07244	.1202376	-.001067	1.321855	.2410446	.9647600

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.70312	2.171981	.2071218	.0126955	12.20062	3.602013	.0171240
Stddev	1.40381	.032702	.0161727	.0002707	.16435	.123524	.0015741
%RSD	5.257113	1.505629	7.808293	2.132354	1.347061	3.429301	9.192281

#1	25.68430	2.178922	.1955851	.0128163	12.22141	3.500893	.0179559
#2	26.12064	2.200655	.2001727	.0123855	12.35358	3.565456	.0181076
#3	28.30440	2.136365	.2256076	.0128849	12.02686	3.739689	.0153085

Sample Name: J3068-18 Acquired: 5/24/2018 13:57:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C68 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9572388	.0994657	.6369893
Stddev	.0499135	.0055642	.0328098
%RSD	5.214321	5.594138	5.150764

#1	.9230329	.0957733	.6136504
#2	.9341691	.0967583	.6228139
#3	1.014514	.1058655	.6745036

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2669.234	2699.038	68458.20	8448.838	3906.466
Stddev	64.329	35.603	1861.52	311.689	62.332
%RSD	2.410016	1.319098	2.719210	3.689137	1.595621

#1	2710.487	2683.007	69734.24	8675.255	3880.877
#2	2595.111	2674.269	66322.16	8577.913	3861.002
#3	2702.103	2739.838	69318.21	8093.345	3977.521

Sample Name: J3068-19 Acquired: 5/24/2018 14:01:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C69 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0925628	-.002632	.8779447	-.042575	.0098400	107.3247	2.336364
Stddev	.0040586	.004482	.0035925	.002406	.0007514	.3059	.002911
%RSD	4.384673	170.2773	.4091959	5.650763	7.636077	.2850003	.1246074

#1	.0946320	-.007098	.8755398	-.039971	.0106780	106.9768	2.338160
#2	.0878867	.001865	.8762198	-.043041	.0092263	107.5515	2.337927
#3	.0951698	-.002664	.8820743	-.044714	.0096157	107.4458	2.333005

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125685	.0059398	64.45250	.0404298	.2474757	.2846923	327.8405
Stddev	.0001364	.0000608	.10938	.0004057	.0022993	.0030775	3.0185
%RSD	1.084939	1.023288	.1697004	1.003341	.9291057	1.080984	.9207129

#1	.0125237	.0059328	64.38742	.0400088	.2448286	.2812445	324.4084
#2	.0124601	.0058829	64.39131	.0404626	.2489771	.2856713	329.0307
#3	.0127216	.0060038	64.57878	.0408181	.2486212	.2871612	330.0824

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.63639	54.41659	.1010871	-.006749	2.587216	.3624560	1.343355
Stddev	.04607	.51700	.0007734	.000381	.101564	.0042423	.001007
%RSD	.2769290	.9500865	.7650601	5.648186	3.925603	1.170428	.0749464

#1	16.58640	53.82530	.1002894	-.006563	2.618805	.3577900	1.343087
#2	16.64563	54.64099	.1018337	-.007188	2.473612	.3634972	1.344468
#3	16.67714	54.78348	.1011382	-.006497	2.669232	.3660807	1.342509

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.61971	1.923366	.3400709	.0193331	14.16226	3.686750	.0040652
Stddev	.03027	.017659	.0084151	.0002868	.11655	.037083	.0008605
%RSD	.1181510	.9181407	2.474504	1.483317	.8229411	1.005850	21.16907

#1	25.61483	1.903645	.3307266	.0195099	14.02775	3.645821	.0035973
#2	25.65213	1.937716	.3470509	.0190022	14.23323	3.696317	.0035398
#3	25.59218	1.928736	.3424353	.0194871	14.22579	3.718112	.0050583

Sample Name: J3068-19 Acquired: 5/24/2018 14:01:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH1C69 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.510023	.1649260	.6131721
Stddev	.005168	.0003336	.0006953
%RSD	.3422552	.2022679	.1133959

#1	1.504432	.1646266	.6129105
#2	1.514626	.1652856	.6139603
#3	1.511011	.1648657	.6126455

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2838.864	2917.132	72325.34	9242.539	3939.142
Stddev	17.091	13.393	178.39	54.442	23.349
%RSD	.6020524	.4591124	.2466441	.5890378	.5927502

#1	2854.300	2932.581	72512.94	9303.347	3965.454
#2	2820.496	2908.794	72157.88	9198.325	3920.891
#3	2841.796	2910.021	72305.20	9225.944	3931.080

Sample Name: J3068-20 Acquired: 5/24/2018 14:05:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C70 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1360958	-.013246	1.150747	-.060043	.0125519	127.4237	2.328695
Stddev	.0040491	.002472	.018508	.004122	.0012278	.4446	.002905
%RSD	2.975189	18.66031	1.608359	6.865608	9.782010	.3489256	.1247462

#1	.1404081	-.011088	1.140494	-.064672	.0111505	127.6045	2.329799
#2	.1323750	-.012708	1.139635	-.056767	.0134387	127.7495	2.330885
#3	.1355042	-.015943	1.172113	-.058691	.0130665	126.9172	2.325399

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116715	.0048354	50.72466	.0558630	.1925497	.3288612	436.7903
Stddev	.0001218	.0005176	.07506	.0015431	.0034866	.0014804	1.1449
%RSD	1.043914	10.70521	.1479768	2.762254	1.810745	.4501469	.2621143

#1	.0117563	.0044775	50.76004	.0575126	.1899514	.3285466	437.0611
#2	.0117264	.0045998	50.77549	.0556213	.1911856	.3275634	437.7755
#3	.0115319	.0054289	50.63844	.0544550	.1965121	.3304736	435.5342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.05996	66.41646	.0938144	-.008436	3.506861	.5250939	1.662271
Stddev	.03760	.24057	.0008366	.000447	.217617	.0033293	.013101
%RSD	.3737115	.3622162	.8917031	5.294216	6.205460	.6340376	.7881196

#1	10.03646	66.48893	.0934187	-.008580	3.410911	.5228207	1.669209
#2	10.04010	66.61246	.0932491	-.008793	3.353708	.5289154	1.647160
#3	10.10332	66.14798	.0947754	-.007935	3.755963	.5235456	1.670443

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.21092	2.013156	.4223975	.0251429	18.68956	8.959358	.0109350
Stddev	.04720	.028105	.0053372	.0007870	.27336	.011184	.0005615
%RSD	.1949546	1.396076	1.263558	3.130263	1.462627	.1248306	5.135267

#1	24.19962	1.996281	.4260849	.0247024	18.51091	8.957142	.0113847
#2	24.26274	1.997587	.4248304	.0246748	18.55353	8.971484	.0111147
#3	24.17039	2.045600	.4162773	.0260516	19.00425	8.949447	.0103056

Sample Name: J3068-20 Acquired: 5/24/2018 14:05:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C70 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.386947	.1516457	.7375978
Stddev	.005584	.0010834	.0009181
%RSD	.2339557	.7144119	.1244712

#1	2.391942	.1522925	.7367133
#2	2.387980	.1522497	.7375338
#3	2.380918	.1503950	.7385462

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2763.831	2838.400	70211.41	8988.491	3929.576
Stddev	10.043	26.064	340.15	52.547	40.595
%RSD	.3633725	.9182748	.4844656	.5846054	1.033055

#1	2752.949	2852.202	69836.76	8997.925	3952.113
#2	2765.800	2854.661	70296.60	8931.866	3953.903
#3	2772.743	2808.337	70500.87	9035.682	3882.713

Sample Name: J3068-21 Acquired: 5/24/2018 14:09:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C71 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0639047	-.003991	.5345978	-.017643	.0034828	82.75811	1.881589
Stddev	.0027065	.002746	.0059837	.001596	.0010172	.43711	.001062
%RSD	4.235182	68.80805	1.119298	9.047422	29.20542	.5281768	.0564631

#1	.0658608	-.002070	.5285926	-.016697	.0042775	82.66204	1.882607
#2	.0608159	-.002767	.5346409	-.019486	.0038343	83.23526	1.880487
#3	.0650373	-.007137	.5405598	-.016746	.0023364	82.37703	1.881672

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077660	.0057413	100.4808	.0719869	.0761050	.3013019	180.3852
Stddev	.0000512	.0002105	.1833	.0027683	.0010515	.0045603	2.0745
%RSD	.6592985	3.667214	.1824252	3.845589	1.381616	1.513540	1.150029

#1	.0077958	.0055506	100.3770	.0706643	.0752134	.3012213	179.6683
#2	.0077069	.0057060	100.3730	.0701279	.0758370	.2967824	182.7231
#3	.0077953	.0059672	100.6925	.0751684	.0772645	.3059020	178.7643

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.866271	38.20265	.1205076	-.002033	1.182429	.2485141	1.085132
Stddev	.024844	.44174	.0015592	.000820	.145569	.0077123	.022075
%RSD	.4235122	1.156320	1.293867	40.31997	12.31103	3.103348	2.034348

#1	5.854645	38.07615	.1188035	-.002293	1.098458	.2525881	1.069626
#2	5.849371	38.69384	.1208566	-.001115	1.098312	.2533350	1.075363
#3	5.894796	37.83796	.1218628	-.002692	1.350518	.2396192	1.110406

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.17491	1.464045	.2111768	.0165285	8.624462	3.058670	.0327872
Stddev	.07514	.013028	.0059437	.0001278	.097214	.020338	.0004532
%RSD	.3242364	.8898341	2.814560	.7730406	1.127192	.6649211	1.382131

#1	23.21618	1.449142	.2139144	.0164699	8.514451	3.038717	.0324243
#2	23.22037	1.473272	.2152584	.0164405	8.660135	3.057921	.0332952
#3	23.08818	1.469721	.2043577	.0166751	8.698801	3.079372	.0326422

Sample Name: J3068-21 Acquired: 5/24/2018 14:09:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH1C71 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9611100	.0982446	.6114920
Stddev	.0069197	.0003015	.0009245
%RSD	.7199646	.3068708	.1511949

#1	.9611160	.0983124	.6110596
#2	.9680266	.0985064	.6108629
#3	.9541873	.0979150	.6125536

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2632.893	2765.642	67362.26	8650.006	4038.261
Stddev	50.898	18.217	1380.69	47.634	33.121
%RSD	1.933177	.6587028	2.049647	.5506775	.8201714

#1	2651.620	2786.675	67849.00	8647.988	4076.160
#2	2671.775	2755.397	68433.66	8603.413	4023.757
#3	2575.284	2754.854	65804.13	8698.616	4014.867

Sample Name: J3068-01LX5 Acquired: 5/24/2018 14:16:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH1C53L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0355194	.0023356	.8199112	-.010154	.0012705	30.20656	.5889187
Stddev	.0009300	.0023883	.0063600	.002990	.0015022	.14132	.0018264
%RSD	2.618327	102.2563	.7756936	29.44685	118.2415	.4678529	.3101321

#1	.0364158	.0048758	.8167612	-.010030	.0018377	30.13330	.5885199
#2	.0345591	.0001356	.8272315	-.013204	-.000433	30.11692	.5873246
#3	.0355833	.0019955	.8157411	-.007228	.002406	30.36947	.5909115

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026742	.0015731	16.98296	.0102693	.0452532	.1108523	83.04587
Stddev	.0000168	.0001143	.02556	.0004984	.0004034	.0006677	.47020
%RSD	.6270376	7.265337	.1505243	4.853713	.8914215	.6023659	.5661971

#1	.0026637	.0016050	16.95771	.0099639	.0456876	.1107663	82.66831
#2	.0026935	.0016680	16.98234	.0099995	.0448905	.1102318	82.89674
#3	.0026653	.0014462	17.00882	.0108445	.0451815	.1115589	83.57255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.744612	12.58379	.0162341	.0020240	.7005379	.0967315	.5450949
Stddev	.008546	.08575	.0003028	.0003387	.1595423	.0048934	.0076219
%RSD	.3113868	.6814335	1.865127	16.73419	22.77426	5.058778	1.398264

#1	2.751395	12.48517	.0160214	.0019610	.8184497	.0967079	.5441522
#2	2.747429	12.62543	.0161000	.0017212	.7641639	.1016367	.5379883
#3	2.735013	12.64077	.0165807	.0023898	.5189999	.0918499	.5531443

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.559059	.4980524	.0895223	.0065729	3.676426	.6383454	.0149950
Stddev	.035103	.0035283	.0006421	.0004260	.014040	.0107468	.0001837
%RSD	.5351909	.7084120	.7172592	6.480885	.3818968	1.683535	1.225387

#1	6.521946	.4964592	.0901696	.0066544	3.669241	.6260413	.0148006
#2	6.591730	.5020963	.0895118	.0069522	3.692605	.6458938	.0151657
#3	6.563500	.4956018	.0888855	.0061120	3.667432	.6431012	.0150188

Sample Name: J3068-01LX5 Acquired: 5/24/2018 14:16:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH1C53L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3988201	.0273911	.2128007
Stddev	.0020200	.0006816	.0000488
%RSD	.5064969	2.488338	.0229466

#1	.3965836	.0268076	.2127513
#2	.3993648	.0281402	.2128018
#3	.4005120	.0272253	.2128490

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2612.896	2714.833	66283.76	8259.169	4255.909
Stddev	12.915	13.749	387.14	25.408	20.719
%RSD	.4942807	.5064308	.5840600	.3076391	.4868204

#1	2598.505	2710.790	65940.55	8261.311	4266.657
#2	2623.476	2703.559	66703.42	8283.438	4232.025
#3	2616.708	2730.149	66207.32	8232.757	4269.045

Sample Name: J2987-01DLX2 Acquired: 5/24/2018 14:20:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1557573	-.015786	9.230436	-.103986	.0778011	62.40378	2.328992
Stddev	.0029524	.003617	.173486	.006011	.0030661	.33251	.004412
%RSD	1.895509	22.91037	1.879500	5.781000	3.940914	.5328369	.1894230

#1	.1530078	-.013675	9.161768	-.099008	.0772605	62.13843	2.324683
#2	.1553866	-.019962	9.427745	-.110665	.0811016	62.29612	2.328795
#3	.1588776	-.013721	9.101795	-.102287	.0750413	62.77678	2.333500

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119430	.2979280	6.928361	.8780459	.2196405	12.50886	782.4018
Stddev	.0002186	.0063901	.190020	.0010521	.0035738	.02688	6.3598
%RSD	1.830132	2.144842	2.742643	.1198221	1.627089	.2149069	.8128608

#1	.0117255	.2955572	7.031930	.8777777	.2185136	12.47785	777.5878
#2	.0119409	.3051646	6.709057	.8792061	.2236419	12.52319	780.0059
#3	.0121627	.2930621	7.044095	.8771539	.2167661	12.52554	789.6116

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.728881	13.44125	1.710194	-.003951	2.539220	.2430771	10.04971
Stddev	.019679	.04706	.035798	.001331	.162971	.0070369	.04796
%RSD	.2924560	.3501099	2.093210	33.68532	6.418159	2.894941	.4772625

#1	6.744863	13.41690	1.695808	-.005352	2.417906	.2512021	10.06314
#2	6.734879	13.41136	1.750947	-.003797	2.475291	.2389347	9.99646
#3	6.706901	13.49550	1.683827	-.002704	2.724464	.2390944	10.08953

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.846015	.8694287	.7493708	.0884502	4.254865	2.222975	.7487027
Stddev	.034744	.0101663	.0152379	.0015112	.072508	.012295	.0146234
%RSD	1.220799	1.169313	2.033426	1.708486	1.704121	.5530936	1.953160

#1	2.869286	.8680098	.7432736	.0877861	4.222809	2.211042	.7460630
#2	2.806078	.8802300	.7381256	.0901797	4.337876	2.222281	.7644660
#3	2.862681	.8600464	.7667131	.0873849	4.203910	2.235603	.7355789

Sample Name: J2987-01DLX2 Acquired: 5/24/2018 14:20:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AA1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.202037	.0799365	.1461564
Stddev	.006860	.0003484	.0004463
%RSD	.5707240	.4358677	.3053323

#1	1.195906	.0797063	.1456411
#2	1.200758	.0803374	.1464121
#3	1.209446	.0797659	.1464160

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2586.112	2654.798	66282.59	8284.590	4033.248
Stddev	12.426	38.911	137.94	9.486	69.763
%RSD	.4804992	1.465693	.2081115	.1144988	1.729697

#1	2576.117	2671.939	66224.66	8281.368	4058.233
#2	2582.193	2610.258	66183.07	8277.134	3954.433
#3	2600.025	2682.195	66440.05	8295.266	4087.077

Sample Name: J2987-03DLX2 Acquired: 5/24/2018 14:24:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0467346	-.007909	6.365119	-.031046	.0230306	60.09189	1.508472
Stddev	.0013550	.002565	.027985	.005287	.0015524	.06917	.005730
%RSD	2.899277	32.43495	.4396648	17.02968	6.740501	.1151027	.3798871

#1	.0482981	-.010300	6.367353	-.027823	.0248194	60.15971	1.502191
#2	.0460010	-.005199	6.336084	-.037148	.0220369	60.09451	1.513417
#3	.0459045	-.008227	6.391921	-.028167	.0222354	60.02145	1.509806

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082837	.0326556	7.804099	7.757429	.1666428	2.894012	406.9753
Stddev	.0000268	.0001170	.073350	.265198	.0006674	.002761	2.5196
%RSD	.3240722	.3583193	.9398891	3.418633	.4005158	.0954123	.6191123

#1	.0082672	.0326069	7.720080	7.451218	.1662806	2.895828	409.8087
#2	.0083147	.0325709	7.855374	7.908109	.1662347	2.895373	406.1311
#3	.0082692	.0327891	7.836842	7.912961	.1674130	2.890834	404.9862

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.760235	22.57613	4.111574	-.004533	1.456025	.2683827	4.509296
Stddev	.013112	.14038	.016085	.001921	.211716	.0061647	.082326
%RSD	.2754527	.6217931	.3912155	42.36883	14.54071	2.296982	1.825689

#1	4.755427	22.73817	4.112519	-.002328	1.653408	.2747700	4.417432
#2	4.775072	22.49153	4.095038	-.005433	1.482249	.2624677	4.534056
#3	4.750205	22.49869	4.127166	-.005838	1.232418	.2679106	4.576401

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.803751	.3836244	.3963313	.2208430	2.889992	2.268726	.2315791
Stddev	.082030	.0008399	.0130730	.0003878	.022497	.021584	.0022027
%RSD	4.547727	.2189361	3.298490	.1755879	.7784368	.9513868	.9511444

#1	1.722930	.3842985	.4095469	.2204943	2.907040	2.259604	.2308507
#2	1.801383	.3838912	.3834059	.2207742	2.864494	2.293374	.2298328
#3	1.886938	.3826835	.3960411	.2212606	2.898443	2.253200	.2340537

Sample Name: J2987-03DLX2 Acquired: 5/24/2018 14:24:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.195391	.0981221	.0813517
Stddev	.000810	.0009346	.0001756
%RSD	.0677338	.9524879	.2157926

#1	1.194900	.0974309	.0813392
#2	1.196326	.0991855	.0815332
#3	1.194948	.0977500	.0811827

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2631.411	2652.981	67529.69	8229.209	4126.545
Stddev	72.761	6.410	1876.69	24.925	9.727
%RSD	2.765082	.2416021	2.779062	.3028814	.2357068

#1	2712.203	2646.232	69637.93	8202.866	4122.074
#2	2610.978	2658.987	66909.71	8232.342	4137.703
#3	2571.050	2653.725	66041.44	8252.420	4119.858

Sample Name: J2987-15DLX3 Acquired: 5/24/2018 14:28:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1550437	-.023999	11.42270	-.101441	.2800906	26.08570
Stddev	.0083306	.000341	.05259	.006298	.0025891	.39033
%RSD	5.373093	1.420943	.4604175	6.208047	.9243886	1.496321

#1	.1552174	-.023871	11.42408	-.094186	.2797658	26.49493
#2	.1466276	-.023742	11.36944	-.105497	.2776792	26.04465
#3	.1632862	-.024386	11.47460	-.104641	.2828268	25.71752

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.192614	.0108678	.0729166	12.04559	.5816432	.1240703
Stddev	.030158	.0000381	.0008485	.18274	.0036700	.0003973
%RSD	1.375424	.3507523	1.163647	1.517101	.6309715	.3201917

#1	2.222430	.0109115	.0723270	12.23907	.5774617	.1241922
#2	2.193287	.0108510	.0725338	12.02177	.5831378	.1243923
#3	2.162126	.0108411	.0738891	11.87592	.5843301	.1236263

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.934825	F 862.9993	5.554104	14.77941	.7762556	-.018033
Stddev	.074233	16.5806	.044720	.28297	.0044202	.002244
%RSD	1.250802	1.921272	.8051763	1.914651	.5694227	12.44205

#1	6.002216	882.0654	5.590905	15.09452	.7747719	-.015472
#2	5.947003	854.9750	5.567075	14.54701	.7727681	-.018974
#3	5.855256	851.9574	5.504332	14.69668	.7812267	-.019653

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.206484	.2719846	11.60745	1.500540	.4436171	.8409218
Stddev	.104856	.0057906	.11024	.044267	.0027860	.0239495
%RSD	3.270111	2.129015	.9497550	2.950104	.6280113	2.848006

#1	3.260987	.2747447	11.69971	1.501482	.4465951	.8684430
#2	3.272862	.2653303	11.63727	1.455809	.4431819	.8295097
#3	3.085601	.2758787	11.48536	1.544329	.4410744	.8248126

Sample Name: J2987-15DLX3 Acquired: 5/24/2018 14:28:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AB5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0623003	5.745541	2.185585	.5017375	.9459153	.0530957
Stddev	.0004328	.020343	.030151	.0026603	.0148735	.0007466
%RSD	.6946328	.3540723	1.379546	.5302139	1.572387	1.406045

#1	.0626100	5.768153	2.220356	.4987548	.9623218	.0524781
#2	.0618058	5.728723	2.169723	.5025925	.9421098	.0539253
#3	.0624850	5.739748	2.166676	.5038651	.9333143	.0528838

Elem	Sr4077
Units	ppm
Avg	.1562257
Stddev	.0017165
%RSD	1.098739

#1	.1580540
#2	.1559747
#3	.1546486

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2508.423	2611.621	64057.61	8117.660	4055.824
Stddev	13.713	14.106	286.56	96.173	18.438
%RSD	.5466899	.5401358	.4473459	1.184733	.4545938

#1	2509.531	2609.553	63951.80	8009.169	4045.713
#2	2494.189	2626.647	63839.01	8151.376	4077.105
#3	2521.548	2598.663	64382.03	8192.434	4044.655

Sample Name: J2987-16DLX3 Acquired: 5/24/2018 14:32:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2429977	-.009546	18.63659	-.079780	.1392387	38.16884	2.334550
Stddev	.0051716	.003512	.13071	.007170	.0024492	2.72495	.164745
%RSD	2.128237	36.79292	.7013489	8.987240	1.759024	7.139201	7.056816

#1	.2470457	-.013115	18.57952	-.088046	.1371176	35.09204	2.148987
#2	.2371717	-.006094	18.54413	-.075241	.1386793	40.27760	2.463605
#3	.2447757	-.009428	18.78613	-.076054	.1419193	39.13689	2.391058

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099982	.0831349	14.08914	8.831854	.2062003	5.012197	642.0550
Stddev	.0006243	.0012642	.96374	.046963	.0020812	.357010	46.7906
%RSD	6.244592	1.520655	6.840305	.5317492	1.009325	7.122829	7.287628

#1	.0093919	.0841997	12.99110	8.880583	.2059666	4.611718	590.1305
#2	.0106391	.0817377	14.79474	8.786883	.2042458	5.297104	680.9495
#3	.0099635	.0834673	14.48159	8.828095	.2083885	5.127770	655.0851

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.010642	14.68243	4.912815	-.009162	2.277613	.2557630	9.473892
Stddev	.642551	1.03517	.036362	.004817	.178269	.0175363	.224870
%RSD	7.131025	7.050405	.7401375	52.57573	7.827003	6.856469	2.373573

#1	8.298061	13.53430	4.898521	-.014276	2.072175	.2355501	9.215166
#2	9.545939	15.54446	4.885772	-.004711	2.391575	.2669186	9.622283
#3	9.187926	14.96852	4.954151	-.008499	2.369087	.2648204	9.584227

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.259190	.5089411	.6605720	.2269215	4.617854	1.873938	.6380895
Stddev	.267004	.0105512	.0692673	.0013797	.026991	.093986	.0040153
%RSD	21.20439	2.073167	10.48596	.6080267	.5844896	5.015403	.6292726

#1	.950881	.4967971	.5821892	.2266612	4.588423	1.773427	.6364119
#2	1.413728	.5158618	.7135495	.2256904	4.623688	1.959640	.6351850
#3	1.412962	.5141644	.6859773	.2284128	4.641451	1.888746	.6426715

Sample Name: J2987-16DLX3 Acquired: 5/24/2018 14:32:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AB6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.064553	.0659135	.1191945
Stddev	.075117	.0048020	.0085972
%RSD	7.056164	7.285373	7.212767

#1	.981014	.0605841	.1095829
#2	1.126533	.0699040	.1261510
#3	1.086113	.0672523	.1218497

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2496.573	2564.589	64746.96	8212.067	4067.423
Stddev	9.823	6.402	57.66	462.345	18.521
%RSD	.3934506	.2496483	.0890598	5.630069	.4553589

#1	2504.223	2565.280	64761.42	8724.760	4072.738
#2	2500.000	2570.617	64796.02	7826.793	4082.706
#3	2485.495	2557.869	64683.44	8084.649	4046.825

Sample Name: J2987-17DLX3 Acquired: 5/24/2018 14:36:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1323731	-.008389	4.614268	-.083446	.0468208	28.00804	2.483790
Stddev	.0015559	.002870	.017735	.002192	.0011289	.11407	.010139
%RSD	1.175408	34.20503	.3843592	2.626356	2.411192	.4072839	.4081941

#1	.1305773	-.006937	4.596801	-.081003	.0469166	28.05281	2.473126
#2	.1333169	-.011695	4.613743	-.084095	.0478987	28.09293	2.493306
#3	.1332252	-.006536	4.632260	-.085239	.0456470	27.87837	2.484939

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091293	.0183774	3.631975	.0723152	.1389235	1.599587	668.9934
Stddev	.0001065	.0002912	.181834	.0008135	.0006152	.006400	1.6555
%RSD	1.166154	1.584752	5.006479	1.124945	.4428206	.4001120	.2474542

#1	.0092427	.0180854	3.631369	.0715529	.1382518	1.601798	670.8668
#2	.0091139	.0183789	3.814112	.0731717	.1390593	1.604589	668.3856
#3	.0090314	.0186678	3.450445	.0722209	.1394595	1.592375	667.7277

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.775431	6.939625	.3672466	-.017775	2.083874	.1266324	6.362038
Stddev	.029081	.039309	.0015845	.000577	.178524	.0042130	.052647
%RSD	.7702575	.5664482	.4314403	3.246127	8.566912	3.326918	.8275120

#1	3.746319	6.973257	.3661383	-.017404	2.272072	.1313228	6.341610
#2	3.775494	6.949207	.3690614	-.017481	1.916927	.1254049	6.322668
#3	3.804480	6.896411	.3665401	-.018440	2.062624	.1231695	6.421838

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7026565	.2544301	.6380841	.0148000	2.559884	1.652878	.1749494
Stddev	.0573734	.0010028	.0048743	.0004109	.016149	.002833	.0004368
%RSD	8.165218	.3941234	.7638961	2.776348	.6308644	.1713895	.2496520

#1	.7121404	.2532777	.6402675	.0143794	2.541643	1.651509	.1748479
#2	.6411320	.2549081	.6324998	.0152005	2.565648	1.656135	.1754280
#3	.7546970	.2551044	.6414851	.0148201	2.572360	1.650989	.1745723

Sample Name: J2987-17DLX3 Acquired: 5/24/2018 14:36:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AB7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5490842	.0509459	.1131412
Stddev	.0026166	.0007535	.0004379
%RSD	.4765397	1.478945	.3870372

#1	.5501594	.0501702	.1127922
#2	.5509920	.0509927	.1129989
#3	.5461013	.0516749	.1136326

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2554.183	2649.939	64927.28	8123.654	4127.227
Stddev	6.671	4.681	180.15	7.178	11.371
%RSD	.2611958	.1766368	.2774694	.0883616	.2755056

#1	2547.315	2654.790	64756.06	8118.795	4136.445
#2	2560.639	2649.579	65115.21	8120.268	4130.714
#3	2554.594	2645.449	64910.56	8131.899	4114.521

Sample Name: J2989-04DLX5 Acquired: 5/24/2018 14:40:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0965380	-.007701	9.435650	-.043456	.1055331	39.53382	1.218644
Stddev	.0036383	.002250	.043334	.004018	.0011719	.05351	.002704
%RSD	3.768772	29.21811	.4592595	9.245216	1.110457	.1353487	.2219064

#1	.0934486	-.005963	9.466229	-.046857	.1067318	39.47288	1.218486
#2	.1005483	-.006897	9.386060	-.039023	.1043899	39.55543	1.216022
#3	.0956173	-.010243	9.454660	-.044489	.1054775	39.57314	1.221423

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051896	.2737426	6.166406	.6572268	.1656543	20.70897	339.2566
Stddev	.0000139	.0004190	.016537	.0299579	.0003477	.01008	.7148
%RSD	.2673512	.1530479	.2681845	4.558233	.2099053	.0486543	.2106966

#1	.0052052	.2740239	6.176897	.6356034	.1658550	20.71238	338.4443
#2	.0051784	.2732611	6.174979	.6914222	.1652528	20.71689	339.5365
#3	.0051853	.2739428	6.147343	.6446548	.1658550	20.69763	339.7892

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.850872	10.02682	.9051407	.0021453	1.037934	.1064478	9.547889
Stddev	.005961	.07433	.0031018	.0015095	.236857	.0061087	.324002
%RSD	.1547944	.7412701	.3426839	70.35989	22.82009	5.738678	3.393440

#1	3.855479	9.99206	.9071242	.0033671	1.310807	.1045001	9.225836
#2	3.852998	9.97624	.9015663	.0004579	.917524	.1132929	9.873805
#3	3.844140	10.11216	.9067317	.0026110	.885472	.1015505	9.544025

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3188965	.7320831	.3410921	.0753645	2.590475	1.210146	.7550749
Stddev	.0254661	.0010501	.0071677	.0006139	.016468	.007111	.0053755
%RSD	7.985684	.1434333	2.101405	.8145823	.6357253	.5876307	.7119232

#1	.3289052	.7319429	.3344095	.0756498	2.588344	1.207918	.7602469
#2	.2899466	.7311102	.3402046	.0746599	2.575176	1.218104	.7495166
#3	.3378377	.7331962	.3486623	.0757839	2.607905	1.204415	.7554612

Sample Name: J2989-04DLX5 Acquired: 5/24/2018 14:40:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AB8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6688817	.0441030	.0718467
Stddev	.0011914	.0001146	.0001463
%RSD	.1781137	.2598827	.2036834

#1	.6698398	.0439988	.0719038
#2	.6675477	.0440844	.0719559
#3	.6692577	.0442257	.0716804

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2515.491	2620.669	63960.14	8084.920	4170.449
Stddev	84.421	13.756	2435.51	47.759	14.851
%RSD	3.356050	.5248934	3.807857	.5907135	.3560906

#1	2578.318	2604.813	65639.45	8056.466	4153.304
#2	2419.529	2629.411	61166.86	8058.237	4178.779
#3	2548.625	2627.782	65074.11	8140.058	4179.265

Sample Name: J2989-06DLX2 Acquired: 5/24/2018 14:44:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0928474	-.011830	3.116375	-.085068	.0417969	55.72892	.7968585
Stddev	.0041037	.000474	.003284	.002090	.0015473	.30954	.0016008
%RSD	4.419804	4.009569	.1053885	2.457399	3.701878	.5554342	.2008906

#1	.0974798	-.011362	3.115543	-.087451	.0429416	55.37356	.7952716
#2	.0913949	-.011819	3.113586	-.083544	.0400366	55.87339	.7968310
#3	.0896675	-.012310	3.119995	-.084209	.0424126	55.93981	.7984729

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105077	.0161927	18.20563	.2429786	.1435839	1.986914	619.9452
Stddev	.0002852	.0001231	.13051	.0017369	.0006079	.009284	5.9033
%RSD	2.714519	.7601493	.7168791	.7148575	.4233861	.4672797	.9522302

#1	.0103487	.0163160	18.10293	.2449479	.1432787	1.978647	613.6322
#2	.0108370	.0160698	18.16147	.2423233	.1442839	1.996959	620.8750
#3	.0103374	.0161925	18.35249	.2416646	.1431890	1.985135	625.3284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.881881	33.67875	.3576179	-.017100	2.433274	.3581376	3.166227
Stddev	.018862	.32122	.0013697	.000770	.168488	.0040179	.025268
%RSD	.2740781	.9537715	.3830012	4.504772	6.924328	1.121879	.7980628

#1	6.890867	33.31509	.3562716	-.017721	2.251707	.3579143	3.164190
#2	6.894569	33.79738	.3575723	-.017341	2.584582	.3622625	3.142039
#3	6.860206	33.92378	.3590098	-.016238	2.463532	.3542361	3.192452

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.274315	.5817161	.6000566	.0222846	2.850294	1.683673	.1276640
Stddev	.043419	.0014625	.0159536	.0002553	.014377	.016113	.0006720
%RSD	1.909099	.2514050	2.658677	1.145489	.5044037	.9570160	.5263475

#1	2.224706	.5821245	.5871696	.0221492	2.856444	1.668514	.1269331
#2	2.292839	.5800929	.5951001	.0225791	2.833865	1.700595	.1278036
#3	2.305399	.5829311	.6179001	.0221256	2.860573	1.681910	.1282551

Sample Name: J2989-06DLX2 Acquired: 5/24/2018 14:44:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AC0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.212458	.1351062	.1727780
Stddev	.011428	.0009183	.0005064
%RSD	.5165167	.6797076	.2931227

#1	2.199388	.1344193	.1722845
#2	2.217415	.1361493	.1732965
#3	2.220569	.1347500	.1727531

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2669.295	2747.947	67649.93	8507.142	4028.951
Stddev	15.154	3.067	539.67	31.050	6.966
%RSD	.5677203	.1116159	.7977403	.3649877	.1728941

#1	2654.450	2750.225	67042.56	8539.635	4032.633
#2	2684.740	2749.157	67832.94	8477.771	4033.303
#3	2668.694	2744.460	68074.30	8504.021	4020.917

Sample Name: J2989-07DLX5 Acquired: 5/24/2018 14:48:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0409042	.0174659	5.390299	-.069144	.0400648	44.50463
Stddev	.0025199	.0047443	.089051	.005363	.0033757	.22959
%RSD	6.160418	27.16322	1.652053	7.756096	8.425545	.5158833

#1	.0397101	.0120050	5.315575	-.063041	.0361765	44.33088
#2	.0437992	.0205736	5.488835	-.073103	.0417725	44.76491
#3	.0392034	.0198192	5.366487	-.071288	.0422455	44.41810

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.626375	.0055030	.0490273	68.91286	.6524197	.0949179
Stddev	.005678	.0001655	.0010401	.17855	.0032575	.0016881
%RSD	.1227370	3.007179	2.121532	.2590934	.4992946	1.778483

#1	4.626905	.0055394	.0481530	69.07756	.6547504	.0935034
#2	4.631769	.0056472	.0501776	68.93792	.6486975	.0967866
#3	4.620450	.0053223	.0487513	68.72311	.6538110	.0944637

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.031904	494.7634	F 32.30785	18.00696	.6257170	-.001326
Stddev	.010517	4.8462	.06019	.03535	.0114446	.001566
%RSD	.1743483	.9794977	.1863079	.1963389	1.829044	118.0565

#1	6.040551	490.9953	32.32075	18.00988	.6171446	-.003132
#2	6.034965	500.2303	32.24226	18.04076	.6387133	-.000352
#3	6.020197	493.0647	32.36055	17.97023	.6212932	-.000494

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.929701	.1225279	5.734112	1.069071	.3928656	.5009159
Stddev	.105580	.0009413	.015683	.022099	.0034579	.0085655
%RSD	5.471320	.7681948	.2735018	2.067122	.8801703	1.709962

#1	2.021124	.1230776	5.748005	1.074241	.3895074	.5062524
#2	1.953837	.1214411	5.717106	1.088128	.3964152	.5054594
#3	1.814143	.1230651	5.737226	1.044846	.3926743	.4910360

Sample Name: J2989-07DLX5 Acquired: 5/24/2018 14:48:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0728698	2.901247	1.831386	.6693891	1.218085	.0438247
Stddev	.0011399	.056155	.012912	.0116753	.007248	.0009394
%RSD	1.564331	1.935537	.7050604	1.744169	.5950058	2.143518

#1	.0716510	2.853382	1.828389	.6601045	1.217282	.0433822
#2	.0739097	2.963062	1.845533	.6824966	1.225700	.0449036
#3	.0730488	2.887298	1.820235	.6655664	1.211272	.0431882

Elem	Sr4077
Units	ppm
Avg	.2861672
Stddev	.0003917
%RSD	.1368865

#1	.2864564
#2	.2857214
#3	.2863238

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2490.523	2556.523	63571.36	7987.724	3977.713
Stddev	16.040	35.716	121.40	41.144	60.690
%RSD	.6440419	1.397054	.1909653	.5150879	1.525742

#1	2472.400	2584.208	63467.85	7971.754	4023.321
#2	2502.893	2516.208	63704.98	7956.959	3908.832
#3	2496.276	2569.154	63541.26	8034.459	4000.987

Sample Name: J2989-08DLX10 Acquired: 5/24/2018 14:52:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0380935	.0006586	7.779687	-.033826	.0471804	9.328478	.7070306
Stddev	.0011363	.0007547	.236082	.002976	.0024891	.033101	.0027270
%RSD	2.982978	114.6000	3.034592	8.798213	5.275634	.3548353	.3857025

#1	.0377746	.0015240	7.635176	-.031992	.0457974	9.342403	.7086574
#2	.0393553	.0001371	8.052122	-.037260	.0500539	9.352340	.7085522
#3	.0371508	.0003146	7.651761	-.032227	.0456900	9.290689	.7038823

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037635	.0310141	3.806040	.2147356	.0435709	21.56430	272.3535
Stddev	.0000605	.0013280	.034486	.0004407	.0009917	.07467	.4919
%RSD	1.608328	4.281857	.9060905	.2052273	2.275985	.3462591	.1806094

#1	.0037687	.0302569	3.774227	.2144728	.0428319	21.62541	271.9838
#2	.0038212	.0325475	3.801204	.2152444	.0446979	21.58642	272.9118
#3	.0037005	.0302380	3.842689	.2144897	.0431830	21.48107	272.1649

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.440823	4.721609	.3875156	-.000680	.8827353	.0654288	4.560875
Stddev	.019489	.032991	.0116573	.000620	.2117904	.0016658	.033785
%RSD	.7984786	.6987163	3.008220	91.16075	23.99251	2.545959	.7407530

#1	2.454886	4.683785	.3809482	-.001396	.7524049	.0640015	4.575805
#2	2.449007	4.744440	.4009750	-.000322	1.127109	.0672591	4.522197
#3	2.418576	4.736603	.3806236	-.000323	.768692	.0650259	4.584622

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1356302	.6919751	.2619640	.0395640	1.600482	.4091311	2.718808
Stddev	.0846176	.0037931	.0026589	.0009591	.046768	.0037721	.083258
%RSD	62.38848	.5481549	1.014973	2.424208	2.922105	.9219711	3.062285

#1	.0698633	.6917207	.2647432	.0389975	1.568067	.4111596	2.660171
#2	.2310930	.6958889	.2594445	.0406714	1.654095	.4114548	2.814104
#3	.1059343	.6883156	.2617042	.0390230	1.579284	.4047788	2.682148

Sample Name: J2989-08DLX10 Acquired: 5/24/2018 14:52:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AC2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3194154	.0214459	.0475659
Stddev	.0041414	.0008623	.0002195
%RSD	1.296569	4.020665	.4614945

#1	.3199680	.0217111	.0477462
#2	.3232528	.0221445	.0476300
#3	.3150254	.0204823	.0473215

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2533.947	2581.845	64266.24	7979.164	4189.451
Stddev	11.708	69.386	216.36	47.691	110.383
%RSD	.4620618	2.687465	.3366696	.5976990	2.634785

#1	2527.706	2615.581	64083.52	7938.824	4248.673
#2	2547.454	2502.041	64505.16	7966.869	4062.095
#3	2526.682	2627.911	64210.04	8031.799	4257.584

Sample Name: PB109606BL Acquired: 5/24/2018 15:00:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001035	.0033657	-.002240	.0016000	-.001679	.0038230	-.001653
Stddev	.004564	.0025614	.001799	.0010550	.000986	.0016885	.000452
%RSD	441.0951	76.10038	80.34362	65.93542	58.69161	44.16588	27.36333

#1	.001546	.0011666	-.000420	.0009602	-.000544	.0054297	-.002132
#2	-.006304	.0061780	-.004018	.0028177	-.002315	.0020632	-.001595
#3	.001654	.0027526	-.002281	.0010222	-.002179	.0039760	-.001233

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000044	-.000061	.0047159	-.000388	.0000158	-.002396	.0047679
Stddev	.0000608	.000017	.0063018	.000330	.0002195	.002130	.0027938
%RSD	1383.641	28.58722	133.6277	85.18439	1390.860	88.88945	58.59638

#1	-.000016	-.000064	.0075680	-.000109	-.000129	-.000393	.0069667
#2	.000073	-.000076	-.002508	-.000752	.000268	-.004633	.0057129
#3	-.000044	-.000042	.009087	-.000302	-.000092	-.002162	.0016242

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008827	.0133749	.0003319	.0005971	-.261043	.0011674	-.002003
Stddev	.0008494	.0115733	.0001222	.0001839	.093509	.0018614	.003654
%RSD	96.22566	86.52998	36.81011	30.80234	35.82123	159.4413	182.4469

#1	.0013451	.0032416	.0003781	.0007840	-.254936	-.000792	.001630
#2	-.000098	.0108965	.0004242	.0005911	-.357455	.002912	-.001961
#3	.001401	.0259867	.0001933	.0004163	-.170737	.001383	-.005678

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.413085	-.000784	-.007401	.0001684	.0245113	-.007490	-.001158
Stddev	.077342	.000146	.000174	.0001649	.0018172	.000433	.000875
%RSD	18.72293	18.68132	2.351687	97.92650	7.413800	5.778258	75.53411

#1	-.352310	-.000783	-.007526	.0003573	.0235674	-.007065	-.000866
#2	-.386801	-.000638	-.007202	.0000535	.0233602	-.007930	-.002141
#3	-.500142	-.000931	-.007476	.0000943	.0266062	-.007475	-.000467

Sample Name: PB109606BL Acquired: 5/24/2018 15:00:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000840	-.000522	-.000022
Stddev	.001545	.001167	.000085
%RSD	183.9850	223.5821	392.2505

#1	-.001980	-.001552	-.000078
#2	.000919	.000746	-.000064
#3	-.001458	-.000760	.000076

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2453.353	2622.039	62186.99	7835.992	4368.275
Stddev	128.583	7.698	3237.14	32.788	6.239
%RSD	5.241133	.2935971	5.205493	.4184316	.1428157

#1	2498.526	2630.419	63369.15	7799.250	4375.073
#2	2553.254	2615.280	64666.90	7862.275	4362.813
#3	2308.278	2620.418	58524.93	7846.450	4366.939

Sample Name: PB109606BS Acquired: 5/24/2018 15:04:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190800	.0504173	.0179525	.0679920	.1096726	.3664149
Stddev	.0003492	.0022516	.0005117	.0009267	.0020077	.0046156
%RSD	1.830392	4.465929	2.850378	1.362988	1.830664	1.259660

#1	.0193718	.0479074	.0174028	.0673610	.1077661	.3627427
#2	.0186931	.0510849	.0184150	.0690560	.1094835	.3715961
#3	.0191752	.0522597	.0180398	.0675591	.1117682	.3649059

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3792350	.0099217	.0093706	9.685821	.0202725	.0903648
Stddev	.0005086	.0000836	.0001202	.029620	.0008008	.0010470
%RSD	.1341112	.8427082	1.283014	.3058035	3.950252	1.158641

#1	.3796995	.0099776	.0092539	9.708628	.0200846	.0891582
#2	.3786915	.0098256	.0094940	9.696491	.0211505	.0910342
#3	.3793139	.0099619	.0093638	9.652345	.0195823	.0909019

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0499175	.2230253	.0313125	9.412198	.0768670	.0193450
Stddev	.0018109	.0168888	.0006617	.073391	.0007571	.0005229
%RSD	3.627871	7.572583	2.113266	.7797469	.9849023	2.703196

#1	.0486517	.2307491	.0311000	9.371996	.0760008	.0199488
#2	.0519919	.2036558	.0320544	9.367691	.0771980	.0190404
#3	.0491089	.2346712	.0307832	9.496906	.0774022	.0190458

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.336711	.1015325	.1038006	9.430302	F .0033386	.0125885
Stddev	.260644	.0038507	.0038068	.102987	.0001704	.0002417
%RSD	2.791607	3.792602	3.667408	1.092088	5.105040	1.920072

#1	9.263637	.1003179	.1054365	9.311384	.0034799	.0128675
#2	9.626093	.0984355	.0994493	9.490118	.0033866	.0124424
#3	9.120403	.1058441	.1065160	9.489405	.0031493	.0124556

Sample Name: PB109606BS Acquired: 5/24/2018 15:04:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194827	.1924433	.1814082	F .0125338	.1943455	.0879590
Stddev	.0003344	.0047410	.0024756	.0004978	.0013505	.0005170
%RSD	1.716189	2.463575	1.364655	3.971898	.6948836	.5877950

#1	.0190966	.1875346	.1818437	.0129279	.1951517	.0879089
#2	.0196731	.1969965	.1836371	.0126992	.1927864	.0874689
#3	.0196784	.1927987	.1787437	.0119744	.1950984	.0884993

Elem	Sr4077
Units	ppm
Avg	.1917203
Stddev	.0004416
%RSD	.2303214

#1	.1922285
#2	.1914304
#3	.1915020

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2540.668	2630.256	63724.30	7878.103	4343.453
Stddev	9.998	23.452	274.73	42.554	39.472
%RSD	.3935175	.8916062	.4311295	.5401573	.9087790

#1	2531.543	2655.739	63407.07	7918.236	4383.519
#2	2551.355	2609.581	63884.34	7833.483	4304.602
#3	2539.105	2625.449	63881.49	7882.589	4342.239

Sample Name: J2948-01 Acquired: 5/24/2018 15:08:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019701	.0030182	.0029869	.0001962	-.001347	.0140037	.1038917
Stddev	.0028665	.0005905	.0018363	.0022659	.001802	.0097984	.0007680
%RSD	145.5010	19.56356	61.47676	1154.877	133.7534	69.96998	.7391924

#1	-.000824	.0024865	.0026101	-.002173	-.000580	.0091419	.1046740
#2	.004904	.0029143	.0049824	.000419	-.003406	.0075870	.1031389
#3	.001830	.0036537	.0013683	.002343	-.000056	.0252823	.1038623

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000027	-.000053	127.7835	-.000742	-.001051	-.001691	3.769074
Stddev	.0000341	.000043	.5122	.000338	.000057	.005086	.040066
%RSD	1268.639	81.05521	.4008009	45.53902	5.454004	300.7817	1.063017

#1	-.000033	-.000007	128.2692	-.000865	-.001010	-.007528	3.733071
#2	.000035	-.000060	127.2485	-.000360	-.001027	.001790	3.761913
#3	.000006	-.000093	127.8328	-.001002	-.001116	.000665	3.812237

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.758798	18.17782	.0010074	.0007772	223.1340	.0016230	.0040620
Stddev	.007250	.11074	.0005730	.0003521	1.4185	.0011450	.0031633
%RSD	.4121900	.6092222	56.87185	45.30133	.6357128	70.54910	77.87604

#1	1.763777	18.29363	.0013062	.0006423	224.3499	.0003159	.0015413
#2	1.750481	18.16687	.0003469	.0005125	221.5757	.0021046	.0030329
#3	1.762136	18.07296	.0013693	.0011767	223.4765	.0024485	.0076117

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.765585	.0047271	.6620449	.0067516	75.36474	11.80710	-.004471
Stddev	.019489	.0002363	.0039102	.0002041	.27133	.06119	.001086
%RSD	.3380254	4.998565	.5906174	3.023079	.3600287	.5182179	24.29909

#1	5.759793	.0046086	.6659910	.0069007	75.63789	11.87666	-.005090
#2	5.787313	.0049992	.6581717	.0065190	75.36107	11.76161	-.003216
#3	5.749648	.0045735	.6619721	.0068352	75.09526	11.78303	-.005105

Sample Name: J2948-01 Acquired: 5/24/2018 15:08:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF1E00 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003115	.1056373	1.337572
Stddev	.001322	.0005968	.004765
%RSD	42.44865	.5649257	.3562276

#1	-.001700	.1060165	1.341196
#2	-.003326	.1049494	1.332175
#3	-.004320	.1059460	1.339345

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2521.045	2609.891	62544.09	7946.602	4099.494
Stddev	16.318	8.606	56.82	15.632	17.268
%RSD	.6472523	.3297623	.0908428	.1967178	.4212330

#1	2536.716	2608.534	62609.45	7930.644	4100.702
#2	2504.150	2602.044	62506.53	7947.275	4081.653
#3	2522.267	2619.095	62516.28	7961.887	4116.127

Sample Name: J2948-02 Acquired: 5/24/2018 15:12:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053744	.0032684	.0013888	.0016679	-.001744	.0121564	.0246250
Stddev	.0038396	.0021437	.0013512	.0018380	.001218	.0069939	.0005545
%RSD	71.44234	65.59102	97.29799	110.1969	69.84338	57.53275	2.251927

#1	.0009576	.0014364	.0007324	-.000262	-.000889	.0096102	.0252370
#2	.0079167	.0056260	.0004911	.001869	-.001205	.0067922	.0244822
#3	.0072488	.0027426	.0029428	.003397	-.003139	.0200666	.0241559

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000199	-.000058	15.52857	.0016293	-.000812	.0003448	-.000763
Stddev	.0000840	.000039	.19058	.0003053	.000275	.0033175	.009763
%RSD	423.2046	66.41242	1.227270	18.73866	33.89084	962.1809	1278.910

#1	.0000739	-.000103	15.74857	.0019505	-.001062	-.003016	-.010375
#2	.0000625	-.000038	15.42273	.0013428	-.000858	.000433	.009144
#3	-.000077	-.000034	15.41439	.0015947	-.000517	.003617	-.001060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037301	.4404696	.0011129	.0010342	255.1857	.0029986	.0101031
Stddev	.0008747	.0161976	.0002029	.0004739	3.8141	.0065137	.0086320
%RSD	23.44908	3.677340	18.23345	45.82370	1.494618	217.2224	85.43899

#1	.0037712	.4302440	.0011214	.0015644	259.4255	.0098857	.0067510
#2	.0045835	.4320200	.0009059	.0008862	252.0338	-.003063	.0036499
#3	.0028356	.4591448	.0013114	.0006519	254.0979	.002173	.0199083

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.10573	-.000424	.7222698	.0028370	72.71895	8.709952	-.001300
Stddev	.05321	.000269	.0111447	.0002735	.03315	.132884	.000047
%RSD	4.812458	63.48006	1.543006	9.639058	.0455831	1.525658	3.616028

#1	-1.08983	-.000164	.7330563	.0029880	72.74801	8.852338	-.001305
#2	-1.16509	-.000406	.7107986	.0030015	72.72601	8.589233	-.001345
#3	-1.06229	-.000701	.7229544	.0025213	72.68285	8.688283	-.001251

Sample Name: J2948-02 Acquired: 5/24/2018 15:12:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF1E01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001022	.0678532	.2140768
Stddev	.000435	.0016843	.0027847
%RSD	42.61341	2.482221	1.300820

#1	-.000849	.0688378	.2172059
#2	-.000700	.0659084	.2118709
#3	-.001517	.0688134	.2131535

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2562.895	2606.432	63281.84	8037.990	4109.003
Stddev	8.178	10.080	269.46	106.161	10.228
%RSD	.3191067	.3867297	.4258105	1.320746	.2489242

#1	2558.157	2594.804	63092.68	7926.041	4098.540
#2	2572.338	2612.685	63590.37	8137.218	4118.979
#3	2558.189	2611.806	63162.48	8050.713	4109.490

Sample Name: J2948-03 Acquired: 5/24/2018 15:16:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008108	.0031446	.0017864	-.000165	-.000946	.0163206	.1373553
Stddev	.0029295	.0006243	.0013842	.001534	.001724	.0135731	.0008112
%RSD	361.2976	19.85414	77.48419	928.5420	182.2256	83.16571	.5906053

#1	-.002571	.0029649	.0033835	.001228	.000651	.0142836	.1376670
#2	.002446	.0038391	.0009325	-.001810	-.002773	.0038811	.1364344
#3	.002558	.0026299	.0010433	.000086	-.000716	.0307970	.1379644

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000024	-.000022	122.9090	.0000096	-.000363	-.000761	.1540181
Stddev	.000029	.000030	.1767	.0009660	.000141	.000923	.0100011
%RSD	120.6725	133.5350	.1437405	10071.49	38.86191	121.3096	6.493480

#1	-.000043	.000010	123.0084	-.000963	-.000261	-.001053	.1633824
#2	-.000040	-.000029	123.0137	.000024	-.000304	-.001501	.1434832
#3	.000010	-.000049	122.7050	.000968	-.000524	.000273	.1551886

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7312223	17.27447	.0010805	.0009850	197.6840	.0021862	.0030160
Stddev	.0010483	.07624	.0001802	.0001926	.9403	.0027652	.0084873
%RSD	.1433617	.4413517	16.68070	19.55148	.4756756	126.4835	281.4131

#1	.7300600	17.32089	.0009143	.0009608	196.7827	-.000394	-.006784
#2	.7315107	17.31604	.0010551	.0011885	198.6590	.001848	.007839
#3	.7320962	17.18648	.0012721	.0008056	197.6101	.005105	.007993

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.649703	.0001524	.5565274	.0091453	63.94389	11.44196	-.005091
Stddev	.061005	.0002771	.0012050	.0004246	.39597	.02257	.000708
%RSD	1.079800	181.7574	.2165270	4.642671	.6192393	.1972272	13.90950

#1	5.582846	-.000149	.5576096	.0095835	64.08976	11.46626	-.005352
#2	5.663913	.000209	.5567438	.0087357	63.49568	11.43799	-.004289
#3	5.702349	.000397	.5552288	.0091167	64.24623	11.42165	-.005631

Sample Name: J2948-03 Acquired: 5/24/2018 15:16:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E03 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003152	.0974241	1.290673
Stddev	.000679	.0004667	.001569
%RSD	21.55478	.4790265	.1215957

#1	-.002986	.0978191	1.289220
#2	-.003898	.0969092	1.292338
#3	-.002571	.0975441	1.290460

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2462.573	2559.247	61482.42	7908.427	4031.095
Stddev	2.714	5.120	164.94	14.215	10.667
%RSD	.1102104	.2000549	.2682674	.1797458	.2646100

#1	2459.590	2559.293	61292.08	7897.628	4030.993
#2	2463.232	2564.345	61583.43	7903.121	4041.812
#3	2464.896	2554.105	61571.73	7924.532	4020.479

Sample Name: J2948-04 Acquired: 5/24/2018 15:20:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037621	.0013010	.0032783	.0044638	-.001242	.0060840	.0569959
Stddev	.0031310	.0037825	.0006453	.0011006	.002008	.0039970	.0011611
%RSD	83.22550	290.7439	19.68438	24.65655	161.7124	65.69698	2.037104

#1	.0062681	.0046271	.0040231	.0055566	.000525	.0099345	.0556603
#2	.0047659	-.002814	.0028863	.0033556	-.000824	.0063625	.0575634
#3	.0002523	.002090	.0029255	.0044793	-.003426	.0019550	.0577641

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000037	-.000129	86.21242	.0002194	-.001370	-.001654	-.017221
Stddev	.000037	.000020	1.41314	.0003586	.000180	.001213	.014262
%RSD	98.73263	15.29438	1.639140	163.4345	13.14354	73.33486	82.81848

#1	-.000024	-.000128	84.61156	.0001506	-.001252	-.000256	-.001943
#2	-.000078	-.000109	86.73912	.0006074	-.001577	-.002420	-.030183
#3	-.000009	-.000149	87.28657	-.000100	-.001280	-.002287	-.019536

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0524320	3.555215	.0007105	.0010519	206.2855	.0016929	.0009470
Stddev	.0015350	.088305	.0000239	.0002484	4.3556	.0037265	.0057174
%RSD	2.927578	2.483828	3.366766	23.61544	2.111448	220.1305	603.7066

#1	.0506597	3.462864	.0007316	.0008943	201.3617	.0036661	-.005465
#2	.0533412	3.563957	.0007152	.0009231	207.8592	.0040178	.002791
#3	.0532949	3.638825	.0006845	.0013382	209.6355	-.002605	.005515

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2940514	-.000420	.3875417	.0084235	76.91491	12.13325	-.004681
Stddev	.1111666	.000601	.0075297	.0002892	1.45384	.23282	.000906
%RSD	37.80518	143.0589	1.942937	3.432764	1.890192	1.918842	19.35466

#1	.2310165	-.000006	.3790444	.0084751	76.14655	11.86496	-.005236
#2	.2287289	-.000145	.3933851	.0081120	76.00647	12.28221	-.003636
#3	.4224088	-.001110	.3901956	.0086834	78.59171	12.25259	-.005172

Sample Name: J2948-04 Acquired: 5/24/2018 15:20:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF1E08 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002771	.1022368	.6834084
Stddev	.001261	.0009469	.0118800
%RSD	45.49775	.9261452	1.738347

#1	-.002969	.1013337	.6700537
#2	-.001422	.1021547	.6873702
#3	-.003920	.1032221	.6928012

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2525.214	2577.503	62720.93	8058.733	4060.003
Stddev	4.539	36.439	170.32	167.147	60.657
%RSD	.1797337	1.413716	.2715488	2.074116	1.494017

#1	2524.666	2601.719	62687.57	8251.623	4098.664
#2	2530.002	2595.194	62905.45	7956.505	4091.252
#3	2520.974	2535.596	62569.75	7968.071	3990.093

Sample Name: J2987-15DL2X4 Acquired: 5/24/2018 15:24:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1231374	-.020299	8.933664	-.080635	.2192933	20.08807	1.704091
Stddev	.0051138	.000872	.060476	.004221	.0009324	.25805	.019627
%RSD	4.152880	4.295617	.6769471	5.234333	.4251704	1.284570	1.151773

#1	.1181262	-.021221	8.925486	-.085163	.2195254	19.84673	1.684009
#2	.1229382	-.019487	8.877694	-.079933	.2182668	20.05740	1.705034
#3	.1283479	-.020190	8.997813	-.076809	.2200877	20.36008	1.723230

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084368	.0572927	9.951113	.4586537	.0965708	4.594109	663.1119
Stddev	.0001856	.0003842	.086860	.0010542	.0005023	.058477	6.5075
%RSD	2.199954	.6706713	.8728667	.2298470	.5201120	1.272873	.9813586

#1	.0083702	.0576044	9.851512	.4597508	.0965616	4.538841	657.9800
#2	.0082937	.0568634	9.990694	.4576484	.0960732	4.588148	660.9243
#3	.0086465	.0574104	10.01113	.4585619	.0970776	4.655339	670.4313

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.308737	11.20723	.6098605	-.014717	2.374310	.2071448	8.903718
Stddev	.059018	.06283	.0028295	.000816	.075233	.0040281	.079940
%RSD	1.369730	.5605833	.4639590	5.541723	3.168619	1.944583	.8978226

#1	4.247472	11.18848	.6110538	-.015658	2.388196	.2055542	8.953432
#2	4.313521	11.15591	.6066298	-.014215	2.293102	.2041548	8.811505
#3	4.365217	11.27729	.6118979	-.014277	2.441633	.2117253	8.946215

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.116124	.3461258	.6398717	.0494459	4.497073	1.550237	.3914313
Stddev	.023327	.0034872	.0131868	.0004069	.050621	.020061	.0052689
%RSD	2.090031	1.007486	2.060852	.8228532	1.125646	1.294084	1.346074

#1	1.098152	.3465464	.6427711	.0492104	4.521941	1.527909	.3916937
#2	1.142486	.3424474	.6254765	.0492116	4.438828	1.556058	.3860361
#3	1.107735	.3493836	.6513676	.0499157	4.530451	1.566744	.3965642

Sample Name: J2987-15DL2X4 Acquired: 5/24/2018 15:24:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AB5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7303528	.0454114	.1210906
Stddev	.0083309	.0009661	.0013772
%RSD	1.140668	2.127432	1.137349

#1	.7213057	.0463044	.1196057
#2	.7320453	.0443859	.1213401
#3	.7377076	.0455440	.1223260

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2473.678	2578.203	62986.71	8053.016	4043.063
Stddev	14.475	11.251	179.29	57.585	19.235
%RSD	.5851566	.4363810	.2846485	.7150745	.4757471

#1	2458.225	2569.991	62781.49	8109.868	4029.473
#2	2486.921	2591.027	63065.70	8054.455	4065.072
#3	2475.889	2573.591	63112.94	7994.725	4034.644

Sample Name: J2958-07A Acquired: 5/24/2018 15:28:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9Q7A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048160	.0030715	.0016581	.0618251	-.002553	-.001887	.1452427
Stddev	.0037579	.0017606	.0019000	.0056968	.000546	.007967	.0010517
%RSD	78.02890	57.32162	114.5929	9.214376	21.37304	422.2031	.7240809

#1	.0008484	.0030388	.0032963	.0669650	-.003127	-.001442	.1445452
#2	.0052783	.0013275	.0021028	.0556999	-.002041	-.010067	.1464523
#3	.0083214	.0048483	-.000425	.0628103	-.002491	.005848	.1447305

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000510	-.000106	76.59580	.0202903	-.000098	.0019311	2.054905
Stddev	.0000131	.000063	.19638	.0006501	.000425	.0035572	.023408
%RSD	25.76980	59.44227	.2563892	3.203869	433.1402	184.2079	1.139128

#1	.0000657	-.000138	76.72157	.0210348	.000213	.0057196	2.081875
#2	.0000405	-.000146	76.69632	.0200014	-.000582	-.001338	2.042968
#3	.0000468	-.000033	76.36950	.0198348	.000075	.001411	2.039872

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1497133	17.43704	.0067466	.0008523	6.407543	-.002689	.0249326
Stddev	.0006963	.21213	.0001027	.0003200	.111656	.004590	.0051858
%RSD	.4650564	1.216551	1.522044	37.54684	1.742569	170.6584	20.79908

#1	.1492237	17.29782	.0066308	.0010682	6.526914	-.001002	.0211420
#2	.1505104	17.33212	.0067822	.0010041	6.305668	-.007884	.0228134
#3	.1494060	17.68119	.0068267	.0004847	6.390046	.000818	.0308423

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.369161	-.000164	.0343199	.0112646	10.48399	4.737439	-.004296
Stddev	.012342	.000221	.0006215	.0001089	.02991	.012535	.000575
%RSD	3.343127	134.6813	1.810826	.9668654	.2852516	.2645956	13.39568

#1	-.356144	.000085	.0337903	.0113227	10.45162	4.742605	-.003828
#2	-.370645	-.000242	.0341654	.0111390	10.51059	4.746566	-.004121
#3	-.380693	-.000335	.0350040	.0113321	10.48975	4.723147	-.004938

Sample Name: J2958-07A Acquired: 5/24/2018 15:28:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9Q7A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001268	.0079133	.8752832
Stddev	.001326	.0018575	.0054772
%RSD	104.5633	23.47370	.6257578

#1	-.000952	.0093296	.8774069
#2	-.000129	.0058101	.8793805
#3	-.002724	.0086002	.8690623

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2563.579	2660.654	64296.29	8053.056	4364.977
Stddev	36.335	2.532	773.16	28.645	7.281
%RSD	1.417372	.0951704	1.202499	.3556987	.1668056

#1	2522.866	2662.327	63403.54	8070.152	4360.257
#2	2575.154	2661.893	64737.39	8019.986	4373.363
#3	2592.716	2657.741	64747.93	8069.029	4361.312

Sample Name: CCV077 Acquired: 5/24/2018 15:32:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV077 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.748766	4.676882	23.51645	4.690238	4.815831	406.0136
Stddev	.019570	.010458	.04717	.009461	.008548	.4531
%RSD	.4121037	.2236162	.2005802	.2017140	.1774924	.1115897

#1	4.728702	4.688916	23.50094	4.690682	4.805965	406.4557
#2	4.767802	4.669993	23.47900	4.680562	4.820498	405.5503
#3	4.749793	4.671737	23.56943	4.699469	4.821029	406.0347

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.728362	.4978798	2.338396	386.2195	14.58921	2.343832
Stddev	.025550	.0036820	.007068	1.0374	.02208	.007026
%RSD	.2626304	.7395352	.3022642	.2686146	.1513203	.2997628

#1	9.757602	.4957370	2.342680	387.3624	14.58216	2.345558
#2	9.710341	.5021314	2.330238	385.9590	14.61396	2.336104
#3	9.717144	.4957711	2.342270	385.3372	14.57153	2.349834

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.41818	412.1201	14.06878	399.5259	2.372604	1.175322
Stddev	.04927	.4614	.03846	.8852	.008186	.006330
%RSD	.3417092	.1119487	.2734044	.2215652	.3450219	.5385576

#1	14.47425	411.6524	14.11243	398.9111	2.375218	1.175499
#2	14.39847	412.1331	14.05408	400.5404	2.363430	1.168906
#3	14.38182	412.5748	14.03984	399.1260	2.379164	1.181562

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	408.9929	2.433489	13.99419	148.2661	F 6.006742	5.087968
Stddev	.5697	.003209	.22553	.0124	.011007	.011601
%RSD	.1392847	.1318578	1.611587	.0083911	.1832512	.2280055

#1	408.5333	2.436781	14.16203	148.2666	6.017890	5.076380
#2	409.6302	2.433318	13.73783	148.2782	5.995881	5.087942
#3	408.8152	2.430370	14.08271	148.2534	6.006457	5.099582

Sample Name: CCV077 Acquired: 5/24/2018 15:32:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV077 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.714632	5.045015	4.842777	4.794111	4.846353	4.886089
Stddev	.011973	.004741	.036769	.004367	.004564	.004882
%RSD	.2539519	.0939778	.7592482	.0910963	.0941651	.0999250

#1	4.704424	5.048232	4.837824	4.795704	4.851621	4.888630
#2	4.711663	5.047242	4.881770	4.797459	4.843834	4.880460
#3	4.727811	5.039570	4.808735	4.789171	4.843605	4.889178

Elem	Sr4077
Units	ppm
Avg	4.872858
Stddev	.027332
%RSD	.5608932

#1	4.877128
#2	4.897803
#3	4.843642

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2144.506	2178.671	56053.20	7427.909	3263.848
Stddev	20.514	4.538	274.82	16.560	7.705
%RSD	.9565836	.2083069	.4902794	.2229461	.2360843

#1	2140.718	2182.636	55976.96	7433.122	3260.190
#2	2166.650	2179.655	56358.09	7409.369	3272.701
#3	2126.150	2173.721	55824.55	7441.235	3258.653

Sample Name: CCB077 Acquired: 5/24/2018 15:36:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB077 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001310	.0015329	-.000163	.0018815	-.000757	.0219476	-.001680
Stddev	.002180	.0018881	.000892	.0026609	.000898	.0087405	.000182
%RSD	166.4173	123.1705	546.4232	141.4220	118.7191	39.82427	10.84517

#1	-.000959	.0030401	-.001177	.0049209	-.000545	.0131268	-.001520
#2	-.003644	-.000585	.000188	-.000028	-.001742	.0221106	-.001879
#3	.000673	.002144	.000499	.000751	.000017	.0306055	-.001641

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000019	-.000047	.0146817	-.000490	.0001255	.0004794	-.001293
Stddev	.000080	.000073	.0077945	.000383	.0002096	.0033506	.018519
%RSD	412.3962	155.5344	53.09024	78.31046	166.9248	698.8932	1432.656

#1	.000069	-.000116	.0057082	-.000911	.0002225	.0037605	.019944
#2	-.000087	.000029	.0197705	-.000397	.0002691	-.002937	-.014078
#3	-.000041	-.000053	.0185664	-.000161	-.000115	.000614	-.009744

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009118	-.011905	.0004135	.0008408	-.117206	.0019687	-.007218
Stddev	.0002800	.029282	.0002967	.0001915	.128162	.0026657	.006533
%RSD	30.71240	245.9608	71.76452	22.77957	109.3482	135.4059	90.51620

#1	.0012340	-.023622	.0004993	.0006245	-.184365	.0039880	-.004610
#2	.0007740	-.033514	.0006578	.0009889	-.197832	-.001053	-.002392
#3	.0007274	.021421	.0000833	.0009089	.030579	.002971	-.014653

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.289505	-.000806	-.000784	.0002135	.0265718	-.007587	-.000422
Stddev	.047004	.000077	.000368	.0001054	.0038835	.001307	.000591
%RSD	16.23583	9.572070	46.98726	49.36446	14.61514	17.22884	140.0835

#1	-.299254	-.000720	-.000401	.0001271	.0307572	-.006154	-.000316
#2	-.238392	-.000829	-.000815	.0003309	.0230850	-.008715	-.001059
#3	-.330870	-.000869	-.001136	.0001825	.0258731	-.007891	.000109

Sample Name: CCB077 Acquired: 5/24/2018 15:36:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB077 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014492	.0037885	.0000433
Stddev	.0009399	.0006262	.0000588
%RSD	64.85379	16.52963	135.7772

#1	.0022969	.0042973	.0000801
#2	.0004385	.0039791	-.000025
#3	.0016123	.0030892	.000074

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2547.740	2629.834	64108.82	7871.450	4371.432
Stddev	12.484	25.725	52.29	29.988	44.302
%RSD	.4900100	.9782008	.0815595	.3809718	1.013451

#1	2544.698	2600.609	64163.65	7857.875	4322.725
#2	2537.058	2649.048	64059.52	7850.650	4409.329
#3	2561.464	2639.847	64103.29	7905.825	4382.242

Sample Name: J2948-05 Acquired: 5/24/2018 15:40:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078096	.0010775	.0018601	.0020511	-.002569	.0001591	.0348336
Stddev	.0020947	.0020416	.0009045	.0027885	.000926	.0036110	.0009594
%RSD	26.82202	189.4698	48.62697	135.9504	36.05481	2270.032	2.754221

#1	.0060514	.0011322	.0008161	.0052507	-.003638	-.000854	.0358366
#2	.0072501	-.000991	.0024086	.0001392	-.002027	.004168	.0339247
#3	.0101272	.003091	.0023554	.0007634	-.002041	-.002837	.0347394

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000060	-.000040	40.39415	.0005633	-.000838	-.001336	.0345288
Stddev	.0000078	.000047	.09970	.0003283	.000049	.002573	.0114181
%RSD	128.4053	118.7295	.2468184	58.27893	5.905930	192.6260	33.06841

#1	.0000012	.000014	40.49349	.0004160	-.000894	-.004096	.0290210
#2	.0000020	-.000060	40.29409	.0003345	-.000819	-.000909	.0476567
#3	.0000150	-.000074	40.39488	.0009395	-.000801	.000997	.0269086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1014629	1.483621	.0008726	.0009739	174.9065	.0042997	-.000044
Stddev	.0017487	.047952	.0002811	.0001955	.1911	.0031541	.010001
%RSD	1.723511	3.232107	32.22035	20.07023	.1092732	73.35739	22757.77

#1	.0997176	1.432979	.0009173	.0007648	175.1034	.0072193	-.009336
#2	.1032150	1.489554	.0005717	.0010051	174.7217	.0009543	-.001337
#3	.1014562	1.528331	.0011286	.0011520	174.8944	.0047254	.010541

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6639224	.0121794	.1571361	.0047731	62.37209	5.844445	-.003352
Stddev	.0613342	.0001534	.0005897	.0001663	.11781	.022474	.000943
%RSD	9.238162	1.259726	.3752992	3.484967	.1888828	.3845413	28.13723

#1	.6391795	.0120089	.1570632	.0045810	62.23627	5.840990	-.004005
#2	.7337633	.0123063	.1577589	.0048661	62.43341	5.823899	-.002271
#3	.6188245	.0122229	.1565863	.0048721	62.44660	5.868447	-.003779

Sample Name: J2948-05 Acquired: 5/24/2018 15:40:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E04 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000059	.0325048	.2821369
Stddev	.000560	.0008003	.0001706
%RSD	940.7304	2.461967	.0604691

#1	.000298	.0315835	.2820693
#2	-.000704	.0329042	.2823309
#3	.000228	.0330268	.2820104

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2545.337	2642.553	63376.40	7997.998	4198.725
Stddev	15.668	3.817	200.97	3.950	7.028
%RSD	.6155432	.1444605	.3171112	.0493823	.1673893

#1	2563.124	2645.818	63580.91	7998.628	4199.292
#2	2533.579	2643.485	63179.15	8001.595	4205.452
#3	2539.308	2638.355	63369.15	7993.771	4191.430

Sample Name: J2948-06 Acquired: 5/24/2018 15:44:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049913	.0008955	.0021219	-.001414	-.002344	-.004776	.0039576
Stddev	.0026919	.0006482	.0012103	.001811	.000793	.006546	.0001925
%RSD	53.93175	72.38108	57.03786	128.0983	33.84881	137.0540	4.863656

#1	.0059524	.0010245	.0009836	-.001091	-.001746	-.000428	.0041609
#2	.0019508	.0001925	.0019888	-.003364	-.003244	-.001596	.0037782
#3	.0070708	.0014695	.0033932	.000214	-.002041	-.012305	.0039337

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000295	-.000088	6.203764	-.000418	-.000103	-.001364	.0064957
Stddev	.0000110	.000102	.023843	.000181	.000226	.002221	.0041507
%RSD	37.32833	116.0901	.3843333	43.30182	219.2591	162.7593	63.89939

#1	.0000422	-.000016	6.227292	-.000314	-.000078	-.002632	.0066451
#2	.0000231	-.000043	6.179618	-.000314	-.000341	-.002661	.0105696
#3	.0000232	-.000205	6.204381	-.000627	.000109	.001200	.0022723

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007943	.1734603	.0008600	.0006805	181.0214	.0011155	-.000407
Stddev	.0010347	.0299161	.0000906	.0001126	.2574	.0037590	.007413
%RSD	130.2779	17.24667	10.53050	16.55197	.1422126	336.9739	1822.931

#1	.0015759	.2069765	.0007571	.0006159	181.3184	-.002128	.005480
#2	.0011860	.1639459	.0008957	.0008106	180.8829	.005235	.002032
#3	-.000379	.1494585	.0009274	.0006150	180.8629	.000239	-.008732

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.63858	.0000269	.0561840	.0034773	63.65815	7.241047	-.001422
Stddev	.04195	.0000905	.0011586	.0001068	.31919	.067205	.000321
%RSD	2.559879	336.1387	2.062142	3.070040	.5014174	.9281072	22.60201

#1	-1.68077	.0000727	.0553960	.0033552	63.34094	7.252764	-.001766
#2	-1.63811	.0000854	.0575143	.0035529	63.65421	7.301622	-.001370
#3	-1.59688	-.000077	.0556417	.0035239	63.97929	7.168754	-.001129

Sample Name: J2948-06 Acquired: 5/24/2018 15:44:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF1E05 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001681	.0443928	.0567643
Stddev	.000656	.0005605	.0002691
%RSD	39.01816	1.262572	.4739833

#1	-.002307	.0439047	.0570667
#2	-.000999	.0442687	.0566749
#3	-.001736	.0450049	.0565514

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2565.980	2653.361	63492.94	8003.467	4222.166
Stddev	17.153	22.267	282.72	42.628	26.923
%RSD	.6684830	.8391839	.4452706	.5326183	.6376525

#1	2546.307	2670.512	63179.48	7980.575	4242.493
#2	2573.834	2661.375	63570.70	7977.175	4232.374
#3	2577.800	2628.197	63728.63	8052.650	4191.632

Sample Name: J2948-07 Acquired: 5/24/2018 15:48:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025939	.0036501	.0003091	.0006094	-.001799	-.006134	.0049666
Stddev	.0016226	.0024295	.0013346	.0012425	.001287	.007993	.0004319
%RSD	62.55452	66.56040	431.8355	203.9065	71.53761	130.3070	8.695455

#1	.0010835	.0061316	.0011451	.0003770	-.003269	.002547	.0047811
#2	.0023891	.0012762	-.001230	-.000501	-.001247	-.007759	.0054602
#3	.0043093	.0035425	.001012	.001952	-.000879	-.013190	.0046585

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000011	.0000294	6.161606	.0003795	-.000479	.0009486	.0035489
Stddev	.000020	.0000310	.031407	.0002505	.000293	.0037408	.0155403
%RSD	178.9314	105.5824	.5097217	65.99342	61.20356	394.3604	437.8841

#1	-.000032	.0000091	6.173030	.0003882	-.000770	.0003199	.0129565
#2	.000008	.0000140	6.185702	.0001248	-.000481	-.002438	-.014388
#3	-.000009	.0000651	6.126086	.0006255	-.000184	.004964	.012079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004373	.1375148	.0004241	.0010963	178.4229	.0008979	.0041771
Stddev	.0007760	.0337247	.0003120	.0002745	.6330	.0034191	.0046036
%RSD	177.4243	24.52440	73.55070	25.04125	.3547641	380.8029	110.2118

#1	-.000341	.1746157	.0001571	.0008217	177.7027	.0047023	.0075781
#2	.001211	.1087177	.0007671	.0013707	178.6745	-.000091	-.001062
#3	.000442	.1292109	.0003482	.0010965	178.8913	-.001918	.006015

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.56515	-.000200	.0546733	.0035587	63.24059	7.126429	-.001088
Stddev	.05711	.000035	.0021416	.0001894	.18010	.101933	.000713
%RSD	3.648682	17.52419	3.917103	5.321772	.2847868	1.430356	65.51722

#1	-1.62721	-.000204	.0548848	.0034155	63.17922	7.085593	-.001469
#2	-1.55341	-.000233	.0567014	.0037734	63.44336	7.242448	-.001529
#3	-1.51482	-.000163	.0524338	.0034872	63.09920	7.051244	-.000266

Sample Name: J2948-07 Acquired: 5/24/2018 15:48:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF1E06 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000649	.0449259	.0561494
Stddev	.001529	.0012966	.0002256
%RSD	235.5605	2.886071	.4017501

#1	-.001077	.0443088	.0562417
#2	.001048	.0464158	.0563143
#3	-.001918	.0440531	.0558924

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2477.319	2646.036	61240.35	8102.142	4213.053
Stddev	139.515	2.606	3699.60	47.521	5.583
%RSD	5.631684	.0984797	6.041120	.5865265	.1325218

#1	2316.349	2643.031	56987.06	8124.200	4207.892
#2	2552.262	2647.674	63021.82	8047.600	4212.286
#3	2563.347	2647.402	63712.19	8134.625	4218.980

Sample Name: J2948-08 Acquired: 5/24/2018 15:52:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E06D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008099	.0020728	.0011273	.0012198	-.003163	.0010674	.0045254
Stddev	.0032023	.0009230	.0010647	.0012743	.000198	.0038293	.0003453
%RSD	395.3826	44.52993	94.44530	104.4610	6.248066	358.7627	7.630999

#1	.0034100	.0014165	-.000025	.0025715	-.003037	.0033850	.0041312
#2	-.002767	.0031282	.001332	.0010476	-.003390	-.003353	.0047745
#3	.001787	.0016737	.002075	.0000405	-.003061	.003170	.0046705

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000816	-.000068	6.203163	-.000077	-.000271	-.000813	-.001087
Stddev	.0000534	.000062	.049079	.000203	.000255	.001271	.012772
%RSD	65.41585	91.05180	.7911965	264.6790	93.94319	156.2699	1175.027

#1	.0000717	-.000117	6.243715	-.000278	.000015	-.000212	-.013352
#2	.0001392	-.000088	6.217170	-.000081	-.000474	-.002273	.012137
#3	.0000338	.000001	6.148603	.000129	-.000353	.000046	-.002046

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005269	.1312403	.0009735	.0004200	178.5620	.0031549	.0022362
Stddev	.0007978	.0131785	.0005049	.0001382	1.8681	.0035336	.0060113
%RSD	151.4017	10.04148	51.86254	32.90243	1.046191	112.0049	268.8222

#1	.0011720	.1318622	.0015006	.0003020	179.2444	.0040501	.0057420
#2	-.000365	.1177619	.0009254	.0005721	179.9929	-.000740	.0056715
#3	.000774	.1440968	.0004944	.0003861	176.4486	.006155	-.004705

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.60652	.0001140	.0537239	.0037812	63.67962	7.101855	-.001772
Stddev	.00824	.0003582	.0012509	.0001453	.28379	.059186	.000488
%RSD	.5128437	314.3551	2.328325	3.842241	.4456480	.8333870	27.51622

#1	-1.61603	.0003092	.0545142	.0036300	63.35434	7.145753	-.001941
#2	-1.60198	.0003321	.0543758	.0037938	63.80792	7.125268	-.002152
#3	-1.60154	-.000299	.0522817	.0039198	63.87660	7.034544	-.001222

Sample Name: J2948-08 Acquired: 5/24/2018 15:52:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF1E06D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000421	.0449268	.0564855
Stddev	.0003613	.0005091	.0006831
%RSD	857.3183	1.133242	1.209326

#1	.0003517	.0455144	.0568947
#2	.0001295	.0446179	.0568649
#3	-.000355	.0446481	.0556970

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2543.948	2633.754	63272.93	8123.783	4199.167
Stddev	21.547	11.862	587.20	70.825	20.597
%RSD	.8469794	.4503988	.9280417	.8718193	.4905016

#1	2536.188	2646.903	63163.83	8087.100	4222.197
#2	2527.356	2630.503	62747.93	8078.825	4192.793
#3	2568.300	2623.856	63907.02	8205.425	4182.510

Sample Name: J2948-07LX5 Acquired: 5/24/2018 16:01:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E06L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004178	.0005301	-.000460	.0014108	-.000757	-.003607	-.001241
Stddev	.0014354	.0005550	.001131	.0027479	.001108	.003830	.000501
%RSD	343.5484	104.6950	246.1316	194.7700	146.4341	106.1883	40.35667

#1	-.000141	.0001897	-.000876	.0027138	-.001396	-.002527	-.000933
#2	-.000654	.0002301	.000821	.0032649	-.001397	-.007860	-.000971
#3	.002049	.0011706	-.001323	-.001746	.000523	-.000433	-.001819

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	.0000123	1.260420	-.000505	-.000069	-.000658	.0024544
Stddev	.000074	.0000442	.028187	.000178	.000033	.001329	.0211275
%RSD	829.9912	359.0770	2.236295	35.12313	48.56761	201.8872	860.8157

#1	-.000066	.0000254	1.281033	-.000635	-.000100	.000774	-.015197
#2	-.000035	-.000037	1.271927	-.000578	-.000034	-.000898	-.003304
#3	.000074	.000048	1.228300	-.000303	-.000072	-.001851	.025864

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011854	.0133584	.0006027	.0008916	35.96729	.0030519	-.000199
Stddev	.0006165	.0085399	.0002127	.0001365	.07049	.0022029	.008846
%RSD	52.00574	63.92945	35.28469	15.30517	.1959874	72.18083	4436.454

#1	.0004857	.0210076	.0005958	.0010482	36.00687	.0010505	.010003
#2	.0016484	.0041442	.0003936	.0008278	36.00909	.0054122	-.004862
#3	.0014222	.0149233	.0008187	.0007987	35.88590	.0026929	-.005739

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.561480	-.000904	.0059892	.0007501	12.05901	1.437786	-.001145
Stddev	.050723	.000358	.0004477	.0001979	.06216	.003645	.000660
%RSD	9.033838	39.53838	7.474693	26.38117	.5154686	.2535299	57.68674

#1	-.593497	-.000642	.0064380	.0005374	12.11372	1.435928	-.001163
#2	-.587945	-.000759	.0059868	.0007842	12.07190	1.435444	-.000475
#3	-.502997	-.001312	.0055427	.0009288	11.99142	1.441986	-.001796

Sample Name: J2948-07LX5 Acquired: 5/24/2018 16:01:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF1E06L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000948	.0138731	.0114085
Stddev	.0010502	.0000221	.0000738
%RSD	1107.334	.1596001	.6468827

#1	-.000252	.0138978	.0114880
#2	-.000738	.0138549	.0113953
#3	.001275	.0138667	.0113422

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2527.828	2592.397	63646.01	7849.025	4289.600
Stddev	39.125	22.275	745.57	24.547	39.924
%RSD	1.547769	.8592530	1.171432	.3127373	.9307082

#1	2492.488	2571.366	63171.96	7867.900	4260.737
#2	2569.872	2590.088	64505.40	7857.900	4272.902
#3	2521.124	2615.737	63260.67	7821.275	4335.162

Sample Name: PB109542BL Acquired: 5/24/2018 16:05:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024562	.0025085	.0001059	.0000954	-.000693	-.009586	-.001443
Stddev	.0025485	.0004284	.0003009	.0009024	.001573	.004092	.000431
%RSD	103.7581	17.07942	284.0489	945.6931	226.9488	42.68466	29.85883

#1	-.000433	.0021625	.0003287	.0006026	.000219	-.012885	-.001632
#2	.003418	.0023753	.0002254	.0006301	-.002509	-.005007	-.000950
#3	.004384	.0029877	-.000236	-.000946	.000211	-.010866	-.001748

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000062	-.000081	.0017440	-.000355	.0001591	-.001517	.0026704
Stddev	.0000707	.000148	.0164597	.000356	.0002578	.001392	.0118904
%RSD	1142.110	181.9171	943.7786	100.2819	162.0376	91.77040	445.2619

#1	.0000851	-.000248	-.017043	.000012	.0003410	-.000505	-.010359
#2	-.000051	-.000028	.013627	-.000698	-.000136	-.003105	.005436
#3	-.000015	.000033	.008648	-.000378	.000272	-.000941	.012934

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002733	.0407373	.0008588	.0009024	-.051162	-.000110	-.000974
Stddev	.0001512	.0314445	.0004234	.0001804	.212580	.001545	.005174
%RSD	55.33503	77.18839	49.30107	19.98739	415.5011	1409.014	531.2235

#1	.0002166	.0741530	.0003710	.0008634	.093140	-.001192	-.004669
#2	.0004446	.0117292	.0010748	.0010990	-.295282	-.000797	.004939
#3	.0001586	.0363296	.0011307	.0007446	.048654	.001660	-.003192

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.297268	-.000869	-.006539	.0000491	.0299656	-.007642	-.000610
Stddev	.051766	.000256	.001340	.0000861	.0010421	.001966	.000754
%RSD	17.41376	29.48264	20.48997	175.3768	3.477559	25.72972	123.5355

#1	-.247062	-.000574	-.005214	.0001466	.0311685	-.008483	-.001028
#2	-.294279	-.000997	-.007893	-.000016	.0293894	-.009047	.000260
#3	-.350463	-.001035	-.006510	.000017	.0293388	-.005395	-.001062

Sample Name: PB109542BL Acquired: 5/24/2018 16:05:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000489	.0025753	-.000007
Stddev	.000821	.0007826	.000048
%RSD	167.6789	30.38940	737.5194

#1	-.001161	.0029886	.000029
#2	.000425	.0016727	-.000062
#3	-.000732	.0030646	.000013

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2576.582	2642.971	64970.01	7846.392	4392.284
Stddev	26.093	2.361	493.90	63.745	8.038
%RSD	1.012707	.0893152	.7601943	.8124064	.1830118

#1	2548.021	2641.394	64597.87	7803.575	4394.759
#2	2582.551	2645.685	64781.82	7919.650	4398.795
#3	2599.173	2641.835	65530.33	7815.950	4383.300

Sample Name: J3034-01 Acquired: 5/24/2018 16:13:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130859	-.000331	.1628984	-.006957	-.000780	12.42255	.5634961
Stddev	.0020660	.003253	.0023749	.001938	.001388	.02342	.0033137
%RSD	15.78786	982.9511	1.457926	27.85550	178.0946	.1885654	.5880676

#1	.0138218	.002414	.1634254	-.007309	.000805	12.40034	.5605545
#2	.0107528	-.003924	.1603043	-.004867	-.001781	12.42028	.5628476
#3	.0146833	.000517	.1649656	-.008694	-.001363	12.44702	.5670861

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035326	.0023648	329.5539	.0458397	.0753803	.0276069	52.33238
Stddev	.0000573	.0001377	2.0526	.0005744	.0005961	.0021268	.17728
%RSD	1.620628	5.823181	.6228485	1.253110	.7907726	7.703988	.3387533

#1	.0034998	.0025238	327.7668	.0461575	.0760670	.0264875	52.13939
#2	.0034992	.0022825	329.0990	.0461849	.0750770	.0300597	52.36977
#3	.0035987	.0022882	331.7958	.0451766	.0749969	.0262736	52.48798

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.929107	82.11204	.0727981	-.000773	6.583585	.1265177	.0784409
Stddev	.024431	.21268	.0002636	.000298	.251790	.0010941	.0051805
%RSD	.6217947	.2590128	.3621634	38.53817	3.824516	.8647513	6.604293

#1	3.906499	81.91657	.0725223	-.001088	6.297022	.1267414	.0836280
#2	3.925798	82.33853	.0730476	-.000497	6.684327	.1274826	.0784278
#3	3.955024	82.08104	.0728244	-.000733	6.769405	.1253291	.0732671

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5840493	.1659406	.0782643	.0001619	11.77741	20.14829	-.005499
Stddev	.0092867	.0007238	.0008061	.0002175	.05925	.07749	.000430
%RSD	1.590046	.4361775	1.029932	134.2759	.5030740	.3845996	7.814967

#1	.5945316	.1662454	.0775326	.0002690	11.84027	20.19771	-.005725
#2	.5807657	.1651143	.0791284	-.000088	11.72260	20.05898	-.005004
#3	.5768505	.1664622	.0781319	.000305	11.76935	20.18818	-.005769

Sample Name: J3034-01 Acquired: 5/24/2018 16:13:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1967069	.0239194	1.130830
Stddev	.0019798	.0004351	.005590
%RSD	1.006476	1.818911	.4943548

#1	.1954924	.0238065	1.125169
#2	.1989915	.0243998	1.130974
#3	.1956369	.0235519	1.136347

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2579.892	2633.891	65214.97	8269.176	3916.326
Stddev	15.894	12.740	337.62	21.150	17.189
%RSD	.6160649	.4836937	.5177102	.2557669	.4389051

#1	2581.878	2619.968	64964.26	8279.088	3897.748
#2	2563.099	2644.966	65081.77	8283.549	3931.666
#3	2594.700	2636.738	65598.88	8244.890	3919.564

Sample Name: J3034-02 Acquired: 5/24/2018 16:17:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115438	-.003059	.2319175	-.009873	-.000532	12.43734	.3719059
Stddev	.0019400	.002943	.0011844	.003422	.001737	.01639	.0003749
%RSD	16.80532	96.22231	.5107138	34.65572	326.4720	.1317557	.1008165

#1	.0102398	.000119	.2332816	-.007442	.001401	12.43203	.3722291
#2	.0137732	-.005691	.2313211	-.008392	-.001962	12.45572	.3719937
#3	.0106184	-.003605	.2311498	-.013786	-.001035	12.42426	.3714948

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044023	.0018291	219.7742	.0613646	.0567221	.0544344	60.86190
Stddev	.0000706	.0000966	1.4651	.0003063	.0004592	.0027167	.31680
%RSD	1.604234	5.282978	.6666559	.4990802	.8095834	4.990769	.5205230

#1	.0043268	.0018952	219.5279	.0614798	.0572457	.0570652	60.49612
#2	.0044667	.0017182	218.4478	.0615965	.0563879	.0545986	61.04892
#3	.0044134	.0018739	221.3469	.0610174	.0565328	.0516393	61.04067

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.202472	45.55677	.0576033	-.001333	7.842686	.1588822	.1496964
Stddev	.014319	.26241	.0003459	.000435	.048038	.0035822	.0042830
%RSD	.4471336	.5760116	.6005550	32.62120	.6125144	2.254615	2.861143

#1	3.201148	45.27115	.0572797	-.001259	7.889247	.1626740	.1495345
#2	3.188861	45.61197	.0579679	-.000941	7.845514	.1555550	.1454967
#3	3.217407	45.78720	.0575623	-.001801	7.793296	.1584176	.1540581

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6948922	.1325462	.0773574	.0002204	14.63727	21.33972	-.005751
Stddev	.0168395	.0009869	.0010228	.0003489	.11886	.07515	.000286
%RSD	2.423325	.7446073	1.322227	158.3110	.8120453	.3521624	4.964842

#1	.6941930	.1336122	.0761830	.0004452	14.75015	21.40007	-.005869
#2	.6784132	.1323625	.0778361	.0003975	14.64845	21.36354	-.005425
#3	.7120704	.1316641	.0780532	-.000182	14.51322	21.25554	-.005958

Sample Name: J3034-02 Acquired: 5/24/2018 16:17:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1746610	.0179471	.4984274
Stddev	.0003997	.0011713	.0013217
%RSD	.2288736	6.526426	.2651662

#1	.1747420	.0192840	.4986506
#2	.1742269	.0174567	.4970083
#3	.1750140	.0171008	.4996232

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2610.580	2702.526	66170.12	8442.595	4047.882
Stddev	12.319	13.685	230.86	11.502	26.605
%RSD	.4718687	.5063619	.3488900	.1362362	.6572477

#1	2599.560	2695.176	65959.59	8433.140	4024.469
#2	2623.879	2694.087	66417.00	8455.400	4042.365
#3	2608.302	2718.315	66133.76	8439.244	4076.813

Sample Name: J3034-03 Acquired: 5/24/2018 16:21:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9M0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058099	.0008142	.1196447	-.005185	-.001103	9.081853	.2460509
Stddev	.0039615	.0025999	.0010945	.002772	.002236	.027817	.0005015
%RSD	68.18601	319.3148	.9147616	53.46606	202.7206	.3062913	.2038374

#1	.0043683	-.000813	.1199569	-.008375	-.003652	9.100747	.2454718
#2	.0027710	-.000557	.1184280	-.003816	.000523	9.049911	.2463356
#3	.0102903	.003813	.1205491	-.003364	-.000179	9.094902	.2463452

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025270	.0009038	170.9354	.0506038	.0326779	.0413171	38.40218
Stddev	.0000204	.0000951	.0572	.0005874	.0003315	.0039981	.34729
%RSD	.8067357	10.52050	.0334589	1.160704	1.014538	9.676514	.9043589

#1	.0025034	.0008146	170.9824	.0512733	.0323342	.0406687	38.52548
#2	.0025388	.0008930	170.9522	.0503633	.0327037	.0376829	38.01006
#3	.0025387	.0010038	170.8717	.0501749	.0329957	.0455997	38.67100

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.003558	36.46210	.0402452	-.000314	7.646686	.0988822	.1259014
Stddev	.001879	.45076	.0001737	.000134	.184874	.0035583	.0078445
%RSD	.0937646	1.236246	.4316680	42.70901	2.417705	3.598504	6.230635

#1	2.001400	36.67592	.0401696	-.000160	7.852813	.1009580	.1323705
#2	2.004443	35.94422	.0404439	-.000382	7.591709	.1009150	.1281576
#3	2.004831	36.76615	.0401220	-.000401	7.495536	.0947735	.1171761

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3920184	.1003179	.0560676	.0009726	14.52462	17.87176	-.004756
Stddev	.0256922	.0009774	.0022815	.0002070	.02219	.11931	.001001
%RSD	6.553830	.9742646	4.069198	21.28320	.1527614	.6676134	21.04066

#1	.3626374	.1012937	.0546095	.0007776	14.53849	18.00901	-.005896
#2	.4031508	.1003211	.0548964	.0011898	14.49903	17.79276	-.004022
#3	.4102669	.0993389	.0586968	.0009504	14.53635	17.81352	-.004350

Sample Name: J3034-03 Acquired: 5/24/2018 16:21:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9M0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1729871	.0142665	.4485899
Stddev	.0019028	.0004689	.0009167
%RSD	1.099951	3.286989	.2043574

#1	.1716239	.0138361	.4491148
#2	.1721765	.0141973	.4475314
#3	.1751610	.0147662	.4491236

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2589.810	2646.863	65289.10	8224.513	4101.867
Stddev	10.982	2.679	117.51	29.449	4.969
%RSD	.4240303	.1011986	.1799767	.3580582	.1211332

#1	2600.160	2645.340	65411.53	8195.969	4102.819
#2	2578.290	2645.293	65278.51	8254.790	4096.491
#3	2590.979	2649.956	65177.24	8222.780	4106.290

Sample Name: J3034-04 Acquired: 5/24/2018 16:25:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9M1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125668	.0003543	.0937313	-.007710	-.001571	11.90933	.3494568
Stddev	.0010806	.0020199	.0029377	.002401	.001495	.06601	.0008882
%RSD	8.598964	570.0832	3.134228	31.13698	95.15842	.5542374	.2541698

#1	.0138047	.0024715	.0922062	-.009638	-.002496	11.90493	.3490344
#2	.0120834	-.001552	.0971180	-.005021	-.002371	11.84563	.3488586
#3	.0118123	.000143	.0918698	-.008473	.000154	11.97742	.3504774

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044036	.0009529	124.0224	.0662283	.1110943	.0863255	35.51849
Stddev	.0000331	.0001491	.2401	.0000685	.0051617	.0016768	.36304
%RSD	.7524176	15.64955	.1936097	.1033733	4.646210	1.942437	1.022118

#1	.0044183	.0009143	123.9796	.0661493	.1084225	.0849975	35.42654
#2	.0043656	.0011175	123.8065	.0662716	.1170442	.0857692	35.21026
#3	.0044268	.0008268	124.2810	.0662638	.1078162	.0882097	35.91866

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.983546	27.79064	.0825251	-.000367	22.64761	.0843992	.5754704
Stddev	.007135	.30810	.0034236	.000468	.26873	.0025929	.0126760
%RSD	.3597341	1.108645	4.148534	127.4018	1.186577	3.072162	2.202720

#1	1.991748	27.78337	.0804995	-.000868	22.70709	.0842156	.5770495
#2	1.980123	27.48624	.0864779	-.000294	22.35412	.0870790	.5872829
#3	1.978766	28.10232	.0805979	.000060	22.88161	.0819030	.5620788

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9091869	.1647109	.0458395	.0011937	3.600731	25.26967	-.004232
Stddev	.0418612	.0073080	.0012173	.0000998	.156666	.21333	.000185
%RSD	4.604247	4.436851	2.655656	8.361516	4.350957	.8441979	4.375277

#1	.9573670	.1600902	.0444341	.0012758	3.517451	25.41682	-.004322
#2	.8884692	.1731362	.0465630	.0010826	3.781448	25.02502	-.004354
#3	.8817246	.1609062	.0465215	.0012227	3.503292	25.36718	-.004019

Sample Name: J3034-04 Acquired: 5/24/2018 16:25:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9M1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1228807	.0138582	.4614568
Stddev	.0021653	.0011927	.0007908
%RSD	1.762109	8.606329	.1713644

#1	.1217255	.0132953	.4619669
#2	.1215380	.0130510	.4605459
#3	.1253786	.0152281	.4618575

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2757.982	2792.018	69742.73	8750.139	4069.131
Stddev	19.307	99.116	429.89	41.647	160.030
%RSD	.7000239	3.549970	.6163890	.4759609	3.932773

#1	2739.849	2855.488	69441.64	8721.371	4166.912
#2	2755.816	2677.805	69551.49	8797.896	3884.451
#3	2778.280	2842.762	70235.05	8731.149	4156.030

Sample Name: J3034-05 Acquired: 5/24/2018 16:29:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9M2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165789	-.000448	.1023927	-.010102	-.002266	44.62734	1.107463
Stddev	.0008180	.002971	.0011236	.003449	.001226	2.99958	.077492
%RSD	4.934258	662.7388	1.097348	34.14155	54.12643	6.721387	6.997296

#1	.0156816	.002982	.1028652	-.008730	-.002515	44.88259	1.111982
#2	.0172833	-.002108	.1011101	-.007551	-.000934	41.50829	1.027810
#3	.0167718	-.002219	.1032030	-.014026	-.003348	47.49113	1.182597

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077638	.0021355	195.8809	.1493879	.0493258	.0917152	67.37306
Stddev	.0003874	.0001133	13.4994	.0004543	.0005044	.0067921	4.18892
%RSD	4.989407	5.306315	6.891618	.3040764	1.022663	7.405688	6.217497

#1	.0076442	.0020675	196.4433	.1490066	.0495754	.0933855	67.62800
#2	.0074504	.0022663	182.1091	.1498905	.0487452	.0842437	63.06250
#3	.0081969	.0020726	209.0902	.1492666	.0496568	.0975163	71.42869

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.103088	40.82760	.1419666	-.001579	59.26535	.1977000	1.229137
Stddev	.218111	2.48921	.0011009	.000136	4.16548	.0101512	.013137
%RSD	7.028836	6.096877	.7754344	8.596863	7.028531	5.134671	1.068780

#1	3.093086	40.91093	.1427210	-.001707	59.58735	.1956526	1.228625
#2	2.890150	38.29776	.1407033	-.001594	54.94821	.1887285	1.216264
#3	3.326027	43.27409	.1424753	-.001436	63.26049	.2087189	1.242522

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.275624	.4141545	.1725901	.0043628	31.87679	48.81705	-.005451
Stddev	.473863	.0036173	.0104866	.0003354	.20543	2.42345	.001107
%RSD	8.982121	.8734205	6.076009	7.688143	.6444511	4.964347	20.31688

#1	5.359548	.4155022	.1736720	.0044250	31.92106	48.79413	-.004328
#2	4.765406	.4100568	.1616045	.0040006	31.65283	46.40515	-.005482
#3	5.701918	.4169045	.1824937	.0046628	32.05647	51.25188	-.006542

Sample Name: J3034-05 Acquired: 5/24/2018 16:29:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9M2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1080899	.0377870	.5964642
Stddev	.0066886	.0016698	.0404767
%RSD	6.187981	4.418853	6.786113

#1	.1079663	.0374627	.5971783
#2	.1014639	.0363032	.5556351
#3	.1148394	.0395951	.6365791

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2720.565	2776.697	68625.60	8658.720	3946.251
Stddev	10.387	15.426	29.27	437.162	26.505
%RSD	.3818026	.5555498	.0426538	5.048803	.6716584

#1	2729.008	2769.001	68595.84	8619.917	3936.891
#2	2723.720	2794.457	68626.62	9113.990	3976.167
#3	2708.966	2766.634	68654.35	8242.253	3925.696

Sample Name: J3034-06 Acquired: 5/24/2018 16:33:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9M3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153522	.0022846	.0305146	-.011449	-.000009	7.092135	1.351646
Stddev	.0065407	.0004564	.0022105	.002275	.000832	.044085	.000897
%RSD	42.60418	19.97927	7.243973	19.87500	9340.320	.6216106	.0663397

#1	.0218502	.0023291	.0280898	-.009873	.000727	7.074545	1.351856
#2	.0087697	.0018075	.0324171	-.010415	-.000912	7.142300	1.352419
#3	.0154366	.0027171	.0310371	-.014057	.000159	7.059561	1.350663

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041389	.0001482	422.1538	.0350407	.0172383	.0036254	71.34326
Stddev	.0000196	.0000448	.4010	.0001865	.0002013	.0026580	.40155
%RSD	.4729874	30.25249	.0949872	.5322937	1.167841	73.31696	.5628416

#1	.0041418	.0001997	422.2248	.0351895	.0170675	.0061886	70.89028
#2	.0041179	.0001265	421.7221	.0348315	.0174603	.0008817	71.65546
#3	.0041567	.0001183	422.5146	.0351013	.0171873	.0038059	71.48405

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.642967	81.80642	.0426935	-.001770	6.577724	.1076569	.3748919
Stddev	.026767	.54155	.0007978	.000407	.106018	.0060360	.0146933
%RSD	.4743364	.6619880	1.868608	22.98467	1.611769	5.606678	3.919340

#1	5.673691	81.49284	.0422492	-.001945	6.565330	.1011897	.3583633
#2	5.624696	82.43174	.0422167	-.002061	6.478447	.1086401	.3798396
#3	5.630513	81.49467	.0436145	-.001305	6.689393	.1131410	.3864726

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.239378	.1653330	.1121140	.0032617	11.06762	14.71660	-.005954
Stddev	.040306	.0007173	.0021283	.0001287	.04436	.07386	.000403
%RSD	3.252078	.4338228	1.898341	3.946347	.4007727	.5019112	6.776371

#1	1.231519	.1661552	.1099245	.0031186	11.06142	14.80042	-.006240
#2	1.283034	.1650077	.1141753	.0032981	11.11475	14.66101	-.006130
#3	1.203580	.1648360	.1122422	.0033682	11.02669	14.68838	-.005493

Sample Name: J3034-06 Acquired: 5/24/2018 16:33:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9M3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0687490	.0220046	1.688938
Stddev	.0004853	.0010227	.001003
%RSD	.7059091	4.647736	.0593598

#1	.0691024	.0227346	1.687836
#2	.0681956	.0224435	1.689796
#3	.0689488	.0208357	1.689181

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2453.974	2546.661	62731.76	8071.545	3850.626
Stddev	15.345	2.223	126.47	26.232	6.748
%RSD	.6253289	.0873051	.2015968	.3249986	.1752360

#1	2466.480	2546.487	62586.89	8049.026	3855.782
#2	2436.850	2544.530	62788.32	8065.260	3842.989
#3	2458.591	2548.966	62820.08	8100.349	3853.107

Sample Name: J3034-07 Acquired: 5/24/2018 16:37:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9M4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081961	-.001148	.2164800	-.013752	-.000762	16.54774	.7386661
Stddev	.0023631	.002736	.0070226	.002838	.000965	.40992	.0164218
%RSD	28.83239	238.2074	3.243979	20.63384	126.6005	2.477193	2.223173

#1	.0084835	-.000052	.2120224	-.013208	-.001051	17.01763	.7574068
#2	.0057024	.000869	.2245751	-.011226	.000314	16.26342	.7267924
#3	.0104024	-.004262	.2128424	-.016822	-.001549	16.36217	.7317992

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050290	.0017396	336.0809	.1961546	.0742480	.1377329	91.38999
Stddev	.0000832	.0001227	7.0223	.0005149	.0026580	.0031116	2.21365
%RSD	1.654273	7.054658	2.089456	.2625009	3.579939	2.259137	2.422199

#1	.0050932	.0016064	344.0896	.1956565	.0722014	.1413172	93.94588
#2	.0049350	.0018481	330.9773	.1966848	.0772521	.1357251	90.14101
#3	.0050587	.0017642	333.1758	.1961225	.0732904	.1361564	90.08309

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.875292	66.97474	.1647477	-.002746	8.248034	.1381863	1.655593
Stddev	.087611	1.59059	.0052230	.000321	.063639	.0055023	.028555
%RSD	2.260752	2.374905	3.170295	11.69846	.7715661	3.981796	1.724763

#1	3.975529	68.77973	.1608224	-.003102	8.319204	.1338677	1.686144
#2	3.813339	65.77818	.1706757	-.002658	8.228295	.1443813	1.651058
#3	3.837009	66.36631	.1627450	-.002477	8.196604	.1363098	1.629577

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.430543	.1965060	.1155344	.0096420	12.62256	25.01374	-.005726
Stddev	.141094	.0049473	.0056745	.0001600	.34491	.28026	.000058
%RSD	5.805020	2.517630	4.911510	1.659233	2.732499	1.120414	1.012490

#1	2.593457	.1922758	.1215325	.0098231	12.35277	25.31683	-.005687
#2	2.347776	.2019460	.1148195	.0095197	13.01117	24.76399	-.005793
#3	2.350396	.1952962	.1102513	.0095833	12.50373	24.96039	-.005699

Sample Name: J3034-07 Acquired: 5/24/2018 16:37:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9M4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1846334	.0255535	1.201333
Stddev	.0053040	.0005082	.029934
%RSD	2.872702	1.988640	2.491690

#1	.1907507	.0257640	1.235622
#2	.1818316	.0259225	1.180414
#3	.1813178	.0249739	1.187964

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2592.612	2644.819	65990.44	8407.761	3863.463
Stddev	20.701	67.215	182.36	124.486	105.453
%RSD	.7984624	2.541388	.2763467	1.480612	2.729502

#1	2568.800	2687.703	65780.68	8268.139	3929.680
#2	2602.705	2567.353	66079.41	8507.172	3741.857
#3	2606.330	2679.399	66111.25	8447.971	3918.853

Sample Name: J3034-08 Acquired: 5/24/2018 16:41:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9M4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155805	-.001561	.2143113	-.014852	.0010599	16.58240	.7342791
Stddev	.0023772	.002052	.0099369	.002553	.0010091	.16729	.0093140
%RSD	15.25754	131.4610	4.636664	17.19170	95.20639	1.008856	1.268453

#1	.0136758	.000809	.2096624	-.011930	.0002520	16.71303	.7398810
#2	.0182447	-.002755	.2257204	-.016653	.0021909	16.39385	.7235274
#3	.0148211	-.002737	.2075509	-.015973	.0007366	16.64034	.7394288

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050319	.0015910	334.3894	.1985415	.0738211	.1401687	92.11985
Stddev	.0001363	.0003138	4.5673	.0006613	.0033845	.0040092	1.19906
%RSD	2.709271	19.72193	1.365852	.3330664	4.584690	2.860279	1.301629

#1	.0051791	.0012647	336.8812	.1992407	.0717338	.1446875	93.10875
#2	.0049099	.0018905	329.1182	.1984578	.0777261	.1387802	90.78618
#3	.0050068	.0016180	337.1687	.1979261	.0720035	.1370383	92.46462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.850039	67.64900	.1650640	-.002744	8.133927	.1374188	1.653400
Stddev	.061984	.91493	.0078665	.000662	.125267	.0027704	.011667
%RSD	1.609962	1.352463	4.765728	24.12074	1.540056	2.016012	.7056539

#1	3.869711	68.41782	.1598855	-.002120	8.056575	.1342327	1.648871
#2	3.780607	66.63707	.1741162	-.003438	8.278453	.1392594	1.666652
#3	3.899801	67.89210	.1611903	-.002673	8.066752	.1387645	1.644675

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.416317	.1969939	.1183437	.0099413	12.66842	25.05153	-.006603
Stddev	.086778	.0076973	.0022388	.0005294	.51460	.38956	.000274
%RSD	3.591349	3.907359	1.891814	5.325715	4.062039	1.555043	4.151827

#1	2.434444	.1918525	.1180177	.0096038	12.32461	25.17874	-.006648
#2	2.321908	.2058433	.1207276	.0105515	13.26004	24.61426	-.006851
#3	2.492601	.1932859	.1162857	.0096686	12.42062	25.36158	-.006309

Sample Name: J3034-08 Acquired: 5/24/2018 16:41:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9M4D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1883180	.0251093	1.197325
Stddev	.0035873	.0012275	.018520
%RSD	1.904920	4.888596	1.546791

#1	.1910875	.0264889	1.208483
#2	.1842656	.0247010	1.175947
#3	.1896008	.0241379	1.207546

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2590.001	2640.938	65617.10	8412.056	3860.473
Stddev	17.448	88.445	117.86	79.941	136.394
%RSD	.6736639	3.348998	.1796219	.9503089	3.533094

#1	2595.012	2708.256	65587.54	8380.461	3959.713
#2	2570.596	2540.768	65516.84	8502.966	3704.943
#3	2604.395	2673.791	65746.93	8352.742	3916.763

Sample Name: J3034-07LX5 Acquired: 5/24/2018 16:49:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9M4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033724	.0002056	.0402451	-.001161	-.001020	3.432486	.1556530
Stddev	.0026408	.0013296	.0001717	.002330	.001387	.026523	.0001346
%RSD	78.30593	646.6513	.4266182	200.6630	136.0336	.7727198	.0864574

#1	.0056891	.0014382	.0402056	-.003061	.000139	3.440974	.1556795
#2	.0004970	.0003820	.0400966	.001438	-.000641	3.402758	.1557724
#3	.0039312	-.001203	.0404331	-.001861	-.002556	3.453727	.1555072

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010452	.0002168	70.22069	.0424158	.0139680	.0263477	19.82751
Stddev	.0001270	.0000568	.19932	.0003068	.0005205	.0017899	.09939
%RSD	12.14590	26.18834	.2838415	.7232952	3.726367	6.793507	.5012651

#1	.0009039	.0001856	70.33589	.0422938	.0135404	.0272981	19.94219
#2	.0010823	.0002823	70.33565	.0421887	.0145476	.0274620	19.76653
#3	.0011495	.0001825	69.99054	.0427648	.0138161	.0242830	19.77380

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8352525	14.14637	.0335866	.0006243	1.685918	.0313731	.3417093
Stddev	.0029970	.13534	.0005634	.0008812	.139842	.0023584	.0059126
%RSD	.3588162	.9567167	1.677302	141.1499	8.294688	7.517362	1.730314

#1	.8372429	14.26889	.0329643	-.000175	1.707041	.0316105	.3440421
#2	.8367090	14.00109	.0340618	.000479	1.813997	.0336039	.3460997
#3	.8318056	14.16913	.0337337	.001569	1.536716	.0289050	.3349861

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2574537	.0365286	.0197946	.0021593	2.411829	5.297886	-.004167
Stddev	.0268907	.0007031	.0009840	.0002693	.051218	.014635	.000488
%RSD	10.44487	1.924918	4.970901	12.47005	2.123626	.2762462	11.70959

#1	.2882849	.0359903	.0209121	.0021889	2.368032	5.313384	-.003656
#2	.2452296	.0373241	.0190581	.0024125	2.468147	5.284301	-.004628
#3	.2388466	.0362713	.0194137	.0018764	2.399309	5.295974	-.004217

Sample Name: J3034-07LX5 Acquired: 5/24/2018 16:49:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9M4L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0397682	.0050316	.2560667
Stddev	.0018881	.0013788	.0003546
%RSD	4.747695	27.40176	.1384863

#1	.0417264	.0048706	.2564750
#2	.0396191	.0064838	.2558351
#3	.0379591	.0037405	.2558901

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2490.057	2553.723	63147.15	7949.731	4094.439
Stddev	2.906	60.109	150.36	19.976	91.602
%RSD	.1167218	2.353775	.2381079	.2512833	2.237222

#1	2487.380	2595.690	63082.69	7937.026	4157.581
#2	2489.642	2484.863	63318.99	7939.411	3989.379
#3	2493.148	2580.616	63039.77	7972.757	4136.357

Sample Name: PB109543BL Acquired: 5/24/2018 17:01:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000046	.0034046	-.001536	.0027706	-.000918	-.009352	-.002270
Stddev	.002990	.0014250	.001099	.0026998	.000951	.007278	.000535
%RSD	6464.389	41.85530	71.54016	97.44197	103.6285	77.82255	23.56000

#1	.001053	.0030566	-.001113	.0056299	-.000111	-.004173	-.002099
#2	.002239	.0049713	-.002784	.0002653	-.000676	-.006210	-.002869
#3	-.003431	.0021858	-.000712	.0024168	-.001966	-.017673	-.001841

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000012	-.000125	.0073343	-.000557	.0001859	.0018983	.0106910
Stddev	.000031	.000032	.0016227	.000225	.0001132	.0027575	.0118960
%RSD	261.3478	25.92093	22.12491	40.32840	60.90243	145.2662	111.2711

#1	-.000012	-.000143	.0055085	-.000495	.0002754	-.001285	.0163468
#2	-.000043	-.000144	.0086117	-.000806	.0002238	.003413	.0187040
#3	.000019	-.000087	.0078829	-.000370	.0000586	.003566	-.002978

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014025	.0195857	.0008504	.0008878	-.152443	-.000172	-.003819
Stddev	.0002746	.0238089	.0003023	.0000466	.124183	.001449	.006489
%RSD	19.57734	121.5625	35.55172	5.246968	81.46161	841.8144	169.9233

#1	.0011825	-.001056	.0005929	.0009397	-.284550	.001486	-.003565
#2	.0013148	.045632	.0011832	.0008738	-.038097	-.001197	.002540
#3	.0017103	.014181	.0007749	.0008498	-.134682	-.000805	-.010431

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.241418	-.000995	-.007343	.0003008	.0384707	-.006917	-.001710
Stddev	.078527	.000198	.000955	.0000622	.0020908	.001022	.000163
%RSD	32.52750	19.87485	13.00198	20.67370	5.434690	14.77583	9.543701

#1	-.255540	-.000963	-.006500	.0002989	.0386025	-.006663	-.001766
#2	-.156788	-.000815	-.008380	.0003639	.0363171	-.006047	-.001838
#3	-.311926	-.001207	-.007150	.0002396	.0404924	-.008043	-.001526

Sample Name: PB109543BL Acquired: 5/24/2018 17:01:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006077	.0001810	.0000266
Stddev	.0020139	.0004802	.0000681
%RSD	331.3753	265.3624	256.1837

#1	.0010507	-.000080	-.000052
#2	-.001591	.000735	.000058
#3	.002363	-.000112	.000073

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2491.274	2609.484	63234.05	7577.083	4339.998
Stddev	1.436	32.364	127.87	361.167	53.830
%RSD	.0576407	1.240245	.2022178	4.766571	1.240314

#1	2490.181	2582.231	63373.05	7790.025	4299.074
#2	2492.900	2645.255	63121.42	7160.075	4400.976
#3	2490.740	2600.967	63207.67	7781.150	4319.943

Sample Name: PB109599BL Acquired: 5/24/2018 17:05:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	.0005011	.0029998	-.000489	.0021458	-.001697	-.005780	-.001963
Stddev	.0030395	.0024512	.000472	.0019932	.001733	.004341	.000391
%RSD	606.5391	81.71186	96.61136	92.88907	102.1412	75.11014	19.90304

#1	-.000123	.0026652	-.000773	.0031070	-.000971	-.007045	-.002061
#2	-.002178	.0056012	-.000750	.0034764	-.003675	-.009349	-.001533
#3	.003804	.0007331	.000056	-.000146	-.000445	-.000947	-.002295

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000059	-.000066	.0092801	-.000354	.0000012	-.003449	.0016760
Stddev	.0000642	.000088	.0085890	.000267	.0001376	.002765	.0079457
%RSD	1091.771	134.7356	92.55252	75.50438	11373.41	80.16051	474.0755

#1	-.000052	-.000016	.0178402	-.000614	-.000045	-.001172	-.004708
#2	.000075	-.000014	.0093378	-.000080	.000156	-.006526	-.000839
#3	-.000005	-.000168	.0006625	-.000368	-.000107	-.002649	.010575

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000485	.0705283	.0005356	.0007666	-.132685	-.000033	-.005605
Stddev	.000488	.0102838	.0002392	.0002494	.041009	.000971	.005307
%RSD	100.7004	14.58105	44.66675	32.53771	30.90714	2903.040	94.68925

#1	-.000112	.0670924	.0005211	.0009440	-.113537	.000062	-.000524
#2	-.000304	.0820902	.0007817	.0004814	-.179766	-.001049	-.011112
#3	-.001037	.0624024	.0003039	.0008745	-.104753	.000887	-.005177

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.355944	-.001140	-.007750	.0001165	.0342149	-.008304	-.000246
Stddev	.060364	.000046	.000662	.0001410	.0009102	.001074	.000317
%RSD	16.95877	4.016231	8.541128	120.9991	2.660315	12.92792	128.6920

#1	-.301534	-.001113	-.007111	.0002074	.0346310	-.008951	-.000064
#2	-.420878	-.001193	-.008433	-.000046	.0348427	-.007065	-.000063
#3	-.345422	-.001115	-.007708	.000188	.0331710	-.008896	-.000612

Sample Name: PB109599BL Acquired: 5/24/2018 17:05:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	-.000412	.0001636	.0000313
Stddev	.001136	.0012253	.0000253
%RSD	275.4274	748.8143	80.96446

#1	-.001009	-.000483	.0000344
#2	-.001126	.001577	.0000549
#3	.000898	-.000603	.0000045

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2520.428	2613.616	63516.12	7856.858	4333.986
Stddev	13.414	6.044	381.26	50.293	6.318
%RSD	.5322278	.2312323	.6002596	.6401165	.1457845

#1	2513.515	2606.813	63741.10	7803.675	4326.829
#2	2535.889	2618.364	63731.35	7863.250	4338.792
#3	2511.880	2615.670	63075.91	7903.650	4336.336

Sample Name: PB109599BS Acquired: 5/24/2018 17:10:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	.0220720	.0599787	.0209666	.0731601	.1280781	.4407796
Stddev	.0017551	.0024347	.0010685	.0024902	.0029335	.0238937
%RSD	7.951724	4.059267	5.095980	3.403693	2.290356	5.420778

#1	.0200495	.0627617	.0197498	.0711733	.1252370	.4674773
#2	.0229713	.0589321	.0213983	.0759536	.1279016	.4334584
#3	.0231951	.0582423	.0217516	.0723535	.1310959	.4214031

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4459642	.0113373	.0105818	11.33587	.0234252	.1023431
Stddev	.0199543	.0003648	.0001267	.50466	.0001880	.0011719
%RSD	4.474424	3.217866	1.197708	4.451875	.8024960	1.145088

#1	.4689866	.0117585	.0105297	11.91119	.0236319	.1010222
#2	.4336454	.0111235	.0104894	10.96799	.0232646	.1027488
#3	.4352606	.0111298	.0107262	11.12843	.0233789	.1032582

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0575381	.2548955	.0352011	10.82891	.0880709	.0218254
Stddev	.0037767	.0287995	.0006957	.47605	.0007140	.0001942
%RSD	6.563855	11.29856	1.976245	4.396082	.8106616	.8897298

#1	.0613135	.2878010	.0360034	11.37782	.0876882	.0218804
#2	.0575407	.2426064	.0348361	10.52900	.0876299	.0219861
#3	.0537601	.2342792	.0347640	10.57991	.0888947	.0216096

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.06603	.1198915	.1091439	11.12853	F .0044823	F .0153044
Stddev	.57341	.0072521	.0031507	.54350	.0000902	.0011858
%RSD	5.181745	6.048855	2.886697	4.883880	2.013184	7.748136

#1	11.72573	.1280578	.1098206	11.75553	.0045852	.0166492
#2	10.68721	.1142032	.1119013	10.83859	.0044446	.0148554
#3	10.78514	.1174137	.1057099	10.79148	.0044170	.0144087

Sample Name: PB109599BS Acquired: 5/24/2018 17:10:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	.0225162	.2244027	.2113103	F .0148677	.2249427	.1041008
Stddev	.0001953	.0094322	.0077932	.0006315	.0110839	.0052332
%RSD	.8674327	4.203249	3.688060	4.247722	4.927433	5.027070

#1	.0224929	.2137013	.2200153	.0149819	.2377405	.1100764
#2	.0227222	.2315075	.2049826	.0154344	.2184228	.1003349
#3	.0223336	.2279992	.2089329	.0141869	.2186648	.1018910

Elem	Sr4077
Units	ppm
Avg	.2240395
Stddev	.0101299
%RSD	4.521491

#1	.2356619
#2	.2170864
#3	.2193701

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2489.179	2579.395	62817.37	7640.762	4246.530
Stddev	14.791	24.401	308.94	296.492	42.284
%RSD	.5942253	.9459844	.4918070	3.880393	.9957331

#1	2478.955	2599.318	62854.90	7298.547	4282.607
#2	2482.442	2586.687	62491.38	7820.478	4256.983
#3	2506.139	2552.179	63105.83	7803.261	4200.000

Sample Name: CCV078 Acquired: 5/24/2018 17:14:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV078 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.080384	5.011681	25.07436	5.016001	5.173148	405.7082
Stddev	.069418	.085721	.36637	.052473	.067835	.4482
%RSD	1.366389	1.710433	1.461147	1.046114	1.311299	.1104751

#1	5.016814	4.931920	24.68943	4.964398	5.108879	406.1441
#2	5.154454	5.102324	25.41881	5.069303	5.244061	405.7318
#3	5.069883	5.000799	25.11483	5.014302	5.166504	405.2486

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.41900	.5290639	2.482796	404.7951	15.71164	2.487151
Stddev	.04809	.0030357	.037648	1.5969	.30783	.035533
%RSD	.4615956	.5737778	1.516347	.3945061	1.959260	1.428679

#1	10.46032	.5281979	2.441999	406.0049	15.51669	2.449508
#2	10.43047	.5265553	2.516197	405.3953	15.55171	2.520111
#3	10.36621	.5324384	2.490190	402.9850	16.06652	2.491833

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.36822	405.3148	15.07402	409.9159	2.529640	1.274552
Stddev	.04555	1.4470	.07091	1.4718	.038362	.026397
%RSD	.2963786	.3570085	.4704047	.3590371	1.516481	2.071061

#1	15.39515	403.9398	15.11645	408.6703	2.488400	1.258042
#2	15.39388	405.1801	15.11345	409.5376	2.564262	1.260617
#3	15.31564	406.8244	14.99216	411.5399	2.536258	1.304996

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	404.8650	2.578429	14.91722	158.1788	F 6.511063	5.316163
Stddev	.4001	.013422	.33690	.4994	.100642	.015194
%RSD	.0988131	.5205488	2.258493	.3157387	1.545714	.2858126

#1	404.4401	2.577441	14.69799	158.4571	6.415795	5.303562
#2	404.9206	2.565529	14.74852	158.4770	6.616333	5.311891
#3	405.2344	2.592318	15.30515	157.6022	6.501060	5.333036

Sample Name: CCV078 Acquired: 5/24/2018 17:14:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV078 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.028966	5.419140	5.157844	5.125770	5.155915	5.204070
Stddev	.062400	.100702	.016106	.074679	.009086	.024871
%RSD	1.240806	1.858261	.3122631	1.456941	.1762279	.4779184

#1	4.964491	5.321347	5.155616	5.047805	5.149133	5.217743
#2	5.089060	5.522519	5.142968	5.196661	5.166239	5.219106
#3	5.033346	5.413555	5.174948	5.132843	5.152374	5.175362

Elem	Sr4077
Units	ppm
Avg	5.164189
Stddev	.031085
%RSD	.6019297

#1	5.141385
#2	5.151585
#3	5.199596

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2101.975	2155.593	55054.26	7371.723	3232.403
Stddev	34.505	22.365	857.94	6.007	40.939
%RSD	1.641569	1.037539	1.558361	.0814864	1.266516

#1	2123.904	2179.792	55614.19	7373.250	3277.597
#2	2119.819	2135.683	55482.07	7376.819	3197.800
#3	2062.201	2151.304	54066.54	7365.100	3221.813

Sample Name: CCB078 Acquired: 5/24/2018 17:18:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB078 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022172	.0059613	-.001200	.0013568	-.001359	.0004112	-.001738
Stddev	.0022278	.0020854	.000350	.0031009	.000624	.0018414	.000691
%RSD	100.4787	34.98121	29.18572	228.5439	45.94069	447.8286	39.75155

#1	.0047742	.0065409	-.000895	-.002134	-.000639	-.001650	-.002514
#2	.0006953	.0036475	-.001123	.003791	-.001692	.001893	-.001188
#3	.0011820	.0076956	-.001583	.002414	-.001745	.000991	-.001513

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000413	.0000422	.0049041	-.000047	.0001153	-.000161	.0152347
Stddev	.0000208	.0000241	.0105685	.000148	.0001885	.003585	.0120728
%RSD	50.46539	57.06670	215.5038	313.9827	163.5011	2225.192	79.24585

#1	.0000249	.0000685	.0053627	-.000202	.0003284	.003941	.0283554
#2	.0000647	.0000214	-.005886	-.000034	-.000029	-.002696	.0127531
#3	.0000342	.0000367	.015236	.000094	.000047	-.001729	.0045954

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008831	.0341726	.0004674	.0008887	-.015006	.0012982	-.003387
Stddev	.0000777	.0465352	.0001652	.0001535	.177626	.0009475	.007157
%RSD	8.795765	136.1768	35.33765	17.26899	1183.683	72.98261	211.3047

#1	.0009716	-.019555	.0005753	.0007215	-.218722	.0013275	-.011499
#2	.0008264	.060291	.0005496	.0010232	.107493	.0022308	.002035
#3	.0008513	.061781	.0002773	.0009214	.066210	.0003365	-.000697

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.271779	-.001102	-.001264	.0001827	.0296646	-.007732	-.000899
Stddev	.074689	.000202	.000641	.0001953	.0049910	.001240	.001108
%RSD	27.48163	18.29091	50.73359	106.8718	16.82477	16.03624	123.3003

#1	-.234701	-.000935	-.000954	.0003824	.0317365	-.009087	.000240
#2	-.357753	-.001326	-.000837	-.000008	.0239713	-.006655	-.001974
#3	-.222884	-.001046	-.002001	.000174	.0332860	-.007452	-.000962

Sample Name: CCB078 Acquired: 5/24/2018 17:18:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB078 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000828	.0015913	.0000435
Stddev	.001247	.0006755	.0000249
%RSD	150.5139	42.45052	57.27869

#1	-.000336	.0015787	.0000301
#2	-.002246	.0022731	.0000282
#3	.000097	.0009222	.0000723

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2527.746	2594.225	64071.44	7810.625	4304.744
Stddev	31.296	31.182	1228.22	36.717	57.365
%RSD	1.238085	1.201961	1.916955	.4700928	1.332600

#1	2512.343	2598.653	63403.31	7841.850	4323.420
#2	2563.758	2622.955	65488.89	7819.850	4350.444
#3	2507.137	2561.065	63322.12	7770.175	4240.368

Sample Name: J3035-01 Acquired: 5/24/2018 17:22:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9N8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0250528	.0015157	.0100457	-.002032	-.000427	6.115958	.2997485
Stddev	.0045363	.0014833	.0021593	.001216	.001522	.050260	.0024106
%RSD	18.10672	97.86587	21.49482	59.83493	356.9481	.8217770	.8042256

#1	.0204213	.0015921	.0124389	-.000826	.001259	6.173454	.3021556
#2	.0252498	.0029593	.0094550	-.002013	-.001702	6.094043	.2973343
#3	.0294874	-.000004	.0082432	-.003257	-.000837	6.080378	.2997558

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007206	.0018866	86.92556	.0066192	.0014895	.0076186	19.67306
Stddev	.0000310	.0000522	.54006	.0007347	.0002169	.0034049	.25881
%RSD	4.299499	2.768398	.6212901	11.09940	14.56300	44.69234	1.315566

#1	.0007255	.0018387	87.54897	.0057746	.0013974	.0113437	19.97179
#2	.0007488	.0018790	86.62723	.0069720	.0017373	.0068455	19.51647
#3	.0006874	.0019423	86.60047	.0071109	.0013338	.0046667	19.53092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2309063	21.11216	.0074054	.0001896	6.614640	.0129530	.0571928
Stddev	.0016896	.35122	.0001315	.0002754	.041636	.0026992	.0074515
%RSD	.7317251	1.663610	1.775821	145.2531	.6294471	20.83818	13.02878

#1	.2328142	21.45051	.0073807	.0002906	6.573215	.0120293	.0517789
#2	.2303058	20.74934	.0075475	-.000122	6.656484	.0108370	.0656914
#3	.2295990	21.13663	.0072879	.000400	6.614221	.0159928	.0541082

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1131609	.0677248	.0503173	.0010829	12.98574	17.94350	-.003856
Stddev	.0457656	.0010871	.0001940	.0002022	.15733	.03332	.000280
%RSD	40.44292	1.605223	.3856242	18.67020	1.211536	.1856740	7.256898

#1	.0764680	.0664701	.0502555	.0012828	12.80423	17.96768	-.004099
#2	.1644423	.0683169	.0505348	.0008785	13.07006	17.90550	-.003550
#3	.0985724	.0683873	.0501618	.0010874	13.08293	17.95733	-.003918

Sample Name: J3035-01 Acquired: 5/24/2018 17:22:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9N8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0729983	.0100670	1.012793
Stddev	.0024006	.0012566	.008038
%RSD	3.288637	12.48187	.7936921

#1	.0717208	.0115076	1.022051
#2	.0757676	.0094967	1.007581
#3	.0715066	.0091968	1.008747

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2603.514	2675.781	65585.29	8115.640	4315.167
Stddev	121.208	30.219	3074.63	41.993	46.741
%RSD	4.655564	1.129366	4.687991	.5174388	1.083190

#1	2714.364	2710.296	68439.17	8070.955	4369.002
#2	2622.085	2662.966	65987.25	8121.676	4291.582
#3	2474.092	2654.080	62329.45	8154.288	4284.917

Sample Name: J3035-02 Acquired: 5/24/2018 17:26:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9N9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082563	.0039986	.0066108	-.002633	-.002209	3.760749	.2106351
Stddev	.0034973	.0006969	.0003393	.003258	.000066	.021461	.0006756
%RSD	42.35919	17.42792	5.132389	123.7558	3.005029	.5706686	.3207282

#1	.0062549	.0032737	.0067050	-.006380	-.002133	3.785431	.2102982
#2	.0122945	.0046636	.0062343	-.001048	-.002257	3.746486	.2101942
#3	.0062194	.0040583	.0068930	-.000470	-.002236	3.750331	.2114129

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002702	.0002613	75.60892	.0034724	.0114976	.0068605	6.365415
Stddev	.0000739	.0000425	.35111	.0006726	.0002458	.0019533	.024658
%RSD	27.34152	16.28162	.4643764	19.37051	2.137678	28.47118	.3873806

#1	.0001951	.0003028	75.76109	.0037948	.0116336	.0087078	6.385526
#2	.0003428	.0002633	75.20739	.0026993	.0116453	.0048162	6.372815
#3	.0002728	.0002178	75.85828	.0039231	.0112139	.0070575	6.337903

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.549329	17.19985	.0123547	.0004701	16.96662	.0154718	.0593817
Stddev	.011937	.10442	.0002973	.0000633	.18942	.0041135	.0071523
%RSD	.4682569	.6070854	2.406625	13.47245	1.116425	26.58669	12.04460

#1	2.557965	17.16592	.0123079	.0005200	17.04540	.0187599	.0665765
#2	2.535707	17.31702	.0126727	.0003989	16.75053	.0108593	.0522727
#3	2.554316	17.11662	.0120836	.0004914	17.10394	.0167963	.0592958

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140131	.0319529	.0302148	.0007624	10.76061	12.52117	-.004780
Stddev	.0477951	.0004835	.0017211	.0001692	.02407	.13842	.000460
%RSD	341.0760	1.513227	5.696165	22.18977	.2236771	1.105472	9.625621

#1	.0628863	.0324450	.0321311	.0009142	10.78345	12.65822	-.005227
#2	.0117785	.0319351	.0288005	.0007928	10.73548	12.38142	-.004308
#3	-.032626	.0314785	.0297128	.0005800	10.76288	12.52389	-.004807

Sample Name: J3035-02 Acquired: 5/24/2018 17:26:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9N9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0578747	.0072503	.4951475
Stddev	.0005889	.0012920	.0014883
%RSD	1.017450	17.81968	.3005728

#1	.0572236	.0058446	.4966098
#2	.0583700	.0083858	.4936345
#3	.0580305	.0075205	.4951981

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2458.402	2637.780	61777.68	8225.409	4274.688
Stddev	144.853	12.502	3689.51	33.914	17.128
%RSD	5.892157	.4739733	5.972236	.4123021	.4006743

#1	2336.617	2628.559	58558.06	8218.900	4264.981
#2	2618.585	2652.010	65803.69	8195.222	4294.464
#3	2420.003	2632.771	60971.30	8262.106	4264.619

Sample Name: J3035-03 Acquired: 5/24/2018 17:30:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9P0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062212	.0028223	.0036620	.0004914	-.001487	1.336812	.0638382
Stddev	.0007390	.0008337	.0008729	.0023117	.000558	.005894	.0004356
%RSD	11.87907	29.53870	23.83556	470.4307	37.54549	.4408969	.6823908

#1	.0060019	.0024481	.0028524	.0007046	-.001764	1.333711	.0642362
#2	.0070451	.0037775	.0035469	.0026891	-.001852	1.333116	.0633728
#3	.0056167	.0022413	.0045867	-.001920	-.000844	1.343609	.0639057

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002500	.0008390	36.55611	.0014302	.1066759	.0058787	2.504643
Stddev	.0000376	.0000780	.03528	.0003792	.0018488	.0041461	.024993
%RSD	15.03905	9.296212	.0965021	26.51393	1.733128	70.52787	.9978526

#1	.0002665	.0008392	36.55379	.0009924	.1059408	.0092814	2.476355
#2	.0002766	.0007608	36.52205	.0016427	.1053076	.0070940	2.513839
#3	.0002070	.0009168	36.59250	.0016555	.1087792	.0012607	2.523734

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.099678	7.261862	.0272637	.0009473	14.38379	.0080332	.0129924
Stddev	.002845	.075280	.0004331	.0003243	.13189	.0031725	.0061419
%RSD	.2587403	1.036652	1.588642	34.23014	.9169316	39.49228	47.27292

#1	1.097533	7.323218	.0273178	.0006544	14.51733	.0079593	.0198388
#2	1.098594	7.177858	.0268061	.0012958	14.25362	.0112419	.0111718
#3	1.102905	7.284510	.0276672	.0008917	14.38041	.0048983	.0079666

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9340494	.0125664	.0616735	.0057810	6.382504	10.49134	-.003776
Stddev	.0337825	.0002501	.0014506	.0002209	.084952	.04257	.000744
%RSD	3.616778	1.990295	2.352030	3.821514	1.331021	.4057261	19.70765

#1	.9056916	.0125096	.0613681	.0059789	6.359222	10.51861	-.003505
#2	.9250307	.0128400	.0632524	.0055426	6.311620	10.51312	-.004618
#3	.9714260	.0123496	.0603999	.0058214	6.476670	10.44229	-.003206

Sample Name: J3035-03 Acquired: 5/24/2018 17:30:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9P0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0279253	.0049054	.1677489
Stddev	.0010317	.0014432	.0004234
%RSD	3.694379	29.42079	.2523908

#1	.0283765	.0034038	.1682360
#2	.0267449	.0050304	.1675411
#3	.0286546	.0062821	.1674696

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2596.875	2662.839	65455.47	8173.796	4368.802
Stddev	15.890	50.861	181.05	28.903	77.043
%RSD	.6118766	1.910036	.2765944	.3536064	1.763481

#1	2602.059	2690.750	65413.46	8142.547	4411.328
#2	2609.525	2693.634	65653.83	8199.570	4415.209
#3	2579.041	2604.133	65299.12	8179.270	4279.868

Sample Name: J3035-04 Acquired: 5/24/2018 17:34:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9P0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041613	.0033415	.0058088	.0017895	-.001990	1.355422	.0636970
Stddev	.0023830	.0021024	.0033617	.0012597	.002050	.040415	.0025861
%RSD	57.26572	62.91718	57.87275	70.39608	103.0167	2.981704	4.060044

#1	.0066977	.0009139	.0078279	.0018479	-.003852	1.314081	.0614178
#2	.0038169	.0045480	.0076704	.0030190	.000207	1.394842	.0665075
#3	.0019692	.0045625	.0019281	.0005016	-.002326	1.357343	.0631657

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002177	.0008592	36.31556	.0015713	.1059488	.0073384	2.542169
Stddev	.0000262	.0000663	1.17130	.0001554	.0009868	.0027898	.066352
%RSD	12.02207	7.718577	3.225353	9.886490	.9313619	38.01589	2.610040

#1	.0002404	.0009238	35.20927	.0017485	.1052591	.0054959	2.487305
#2	.0001891	.0007913	37.54254	.0014584	.1055083	.0105481	2.615915
#3	.0002236	.0008624	36.19488	.0015070	.1070791	.0059713	2.523287

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.092122	7.284583	.0270068	.0008472	13.98248	.0070945	.0167770
Stddev	.035441	.233766	.0006374	.0003536	.49032	.0004423	.0052701
%RSD	3.245119	3.209054	2.360236	41.73895	3.506702	6.234368	31.41260

#1	1.057978	7.104477	.0265063	.0004409	13.44691	.0066055	.0139506
#2	1.128731	7.548757	.0267896	.0010853	14.40929	.0072112	.0135230
#3	1.089657	7.200516	.0277244	.0010156	14.09125	.0074667	.0228573

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8394850	.0128206	.0616718	.0060958	6.329876	10.44078	-.003545
Stddev	.0951921	.0000654	.0014045	.0001737	.044059	.35165	.000168
%RSD	11.33934	.5098715	2.277374	2.850396	.6960544	3.368066	4.728508

#1	.7885002	.0128304	.0614839	.0059114	6.301048	10.37036	-.003357
#2	.9493097	.0128806	.0631608	.0061195	6.307987	10.82231	-.003678
#3	.7806450	.0127509	.0603707	.0062565	6.380594	10.12966	-.003600

Sample Name: J3035-04 Acquired: 5/24/2018 17:34:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9P0D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0292797	.0044040	.1665344
Stddev	.0018395	.0008068	.0053195
%RSD	6.282392	18.31944	3.194256

#1	.0274897	.0053254	.1617299
#2	.0311649	.0040631	.1722510
#3	.0291845	.0038237	.1656222

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2544.295	2687.874	63817.39	8213.439	4401.776
Stddev	84.715	19.434	2425.91	181.037	29.714
%RSD	3.329617	.7230118	3.801328	2.204152	.6750558

#1	2595.712	2703.365	65030.51	8360.576	4423.949
#2	2590.655	2694.189	65397.44	8011.273	4413.366
#3	2446.517	2666.068	61024.21	8268.468	4368.013

Sample Name: J3035-03LX5 Acquired: 5/24/2018 17:42:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9P0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030470	.0029925	-.000038	.0016373	-.001268	.2924463	.0118189
Stddev	.0029396	.0025993	.000347	.0007575	.001271	.0057361	.0003818
%RSD	96.47540	86.86170	913.1281	46.26655	100.2396	1.961403	3.230604

#1	.0045719	.0012622	-.000358	.0023459	-.000266	.2928538	.0120151
#2	-.000342	.0059816	-.000086	.0017273	-.000840	.2865174	.0113789
#3	.004911	.0017337	.000330	.0008389	-.002699	.2979678	.0120627

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000102	.0001331	7.384797	.0000466	.0211463	-.001307	.5119908
Stddev	.0000284	.0000250	.045447	.0003865	.0003693	.001883	.0066915
%RSD	278.5274	18.78379	.6154163	829.4778	1.746551	144.0382	1.306962

#1	-.000015	.0001095	7.366531	.0003667	.0209593	.000286	.5117424
#2	.000041	.0001593	7.436535	-.000383	.0215717	-.000823	.5188031
#3	.000005	.0001305	7.351324	.000156	.0209078	-.003385	.5054270

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2237838	1.505975	.0059682	.0011416	2.686602	.0027567	-.000196
Stddev	.0012095	.084215	.0004273	.0005172	.150377	.0029455	.006542
%RSD	.5404967	5.592043	7.160236	45.30660	5.597282	106.8498	3337.992

#1	.2231212	1.445520	.0055023	.0015512	2.685667	.0020077	.000793
#2	.2230503	1.470241	.0063419	.0005604	2.837443	.0060044	.005795
#3	.2251799	1.602165	.0060604	.0013131	2.536694	.0002580	-.007176

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.031766	.0015850	.0078371	.0013018	1.261370	2.185314	-.001375
Stddev	.065895	.0002135	.0003134	.0002361	.025031	.029145	.000593
%RSD	207.4379	13.47001	3.998644	18.13303	1.984448	1.333693	43.09078

#1	-.106808	.0017822	.0075127	.0011882	1.267846	2.157966	-.002057
#2	-.005137	.0013583	.0081381	.0015732	1.282527	2.182001	-.001079
#3	.016647	.0016146	.0078607	.0011440	1.233737	2.215974	-.000989

Sample Name: J3035-03LX5 Acquired: 5/24/2018 17:42:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9P0L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0076531	.0010328	.0343164
Stddev	.0006101	.0013538	.0000801
%RSD	7.972219	131.0787	.2335430

#1	.0081070	.0004743	.0342605
#2	.0069595	.0025766	.0342804
#3	.0078927	.0000476	.0344082

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2500.979	2631.111	63529.55	7912.992	4378.142
Stddev	9.019	29.792	98.07	17.514	55.038
%RSD	.3606136	1.132311	.1543629	.2213376	1.257117

#1	2492.027	2611.614	63418.02	7933.200	4342.629
#2	2500.849	2616.314	63568.34	7902.200	4350.255
#3	2510.063	2665.405	63602.28	7903.575	4441.542

Sample Name: J2948-09 Acquired: 5/24/2018 17:46:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E06S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0376192	.0466253	.0174115	.0458723	.0839439	1.671872	1.795848
Stddev	.0020752	.0014931	.0017675	.0028454	.0022721	.066970	.081185
%RSD	5.516225	3.202294	10.15107	6.202777	2.706663	4.005669	4.520714

#1	.0355493	.0476057	.0189250	.0437540	.0846658	1.718805	1.841327
#2	.0376089	.0473633	.0178404	.0447564	.0813986	1.701630	1.844100
#3	.0396996	.0449069	.0154691	.0491064	.0857674	1.595180	1.702117

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0473661	.0451168	6.158557	.1916425	.4415816	.2280274	.9615708
Stddev	.0019431	.0001903	.278211	.0011282	.0006292	.0097388	.0373135
%RSD	4.102391	.4218290	4.517475	.5886881	.1424903	4.270907	3.880472

#1	.0483879	.0450136	6.322210	.1924401	.4419471	.2310165	.9904249
#2	.0485851	.0453364	6.316135	.1921356	.4408550	.2359214	.9748543
#3	.0451252	.0450003	5.837325	.1903517	.4419426	.2171444	.9194331

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4626518	.1733265	.4595515	.0441657	177.9254	.4711281	.4230451
Stddev	.0217712	.0062293	.0013116	.0002046	8.0443	.0229319	.0068593
%RSD	4.705754	3.593973	.2854110	.4633475	4.521180	4.867436	1.621404

#1	.4765724	.1668370	.4588873	.0442690	181.7362	.4828282	.4232180
#2	.4738203	.1792580	.4587049	.0442982	183.3561	.4858499	.4298163
#3	.4375628	.1738844	.4610624	.0439300	168.6838	.4447062	.4161010

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.59919	.0057229	.0532885	.0035723	64.72841	7.210033	-.001613
Stddev	.07499	.0004167	.0035502	.0003480	.09053	.294949	.001332
%RSD	4.689389	7.280877	6.662203	9.741789	.1398680	4.090811	82.57806

#1	-1.54756	.0057957	.0558238	.0035991	64.62731	7.373756	-.000496
#2	-1.56480	.0060984	.0548107	.0039062	64.80200	7.386805	-.001256
#3	-1.68521	.0052746	.0492311	.0032117	64.75590	6.869539	-.003088

Sample Name: J2948-09 Acquired: 5/24/2018 17:46:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF1E06S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004788	.0452225	.0560540
Stddev	.0007069	.0015399	.0024122
%RSD	147.6354	3.405235	4.303325

#1	-.000326	.0455707	.0573717
#2	.000764	.0465585	.0575203
#3	.000998	.0435383	.0532700

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2561.652	2642.877	63690.83	8090.504	4189.936
Stddev	20.190	6.591	175.57	308.756	6.473
%RSD	.7881574	.2494011	.2756527	3.816273	.1544984

#1	2584.841	2648.700	63873.53	7929.489	4193.714
#2	2552.137	2644.210	63675.57	7895.538	4193.632
#3	2547.977	2635.721	63523.39	8446.486	4182.461

Sample Name: J3034-09 Acquired: 5/24/2018 17:50:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9M4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0449007	.0440533	.2262971	.0298241	.0891737	18.32385	2.627507
Stddev	.0047277	.0015898	.0033943	.0008155	.0016384	.07014	.005608
%RSD	10.52929	3.608749	1.499916	2.734436	1.837334	.3827548	.2134339

#1	.0472170	.0455175	.2226119	.0289307	.0881662	18.24618	2.629271
#2	.0394615	.0423623	.2269840	.0300129	.0882907	18.34283	2.632022
#3	.0480236	.0442802	.2292953	.0305286	.0910642	18.38254	2.621230

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0539732	.0485172	334.7049	.3872316	.5399003	.3697064	92.90981
Stddev	.0001760	.0005765	.7142	.0006957	.0032562	.0019488	.68717
%RSD	.3261087	1.188128	.2133855	.1796482	.6031142	.5271314	.7396126

#1	.0537752	.0480482	334.7504	.3865490	.5378444	.3690069	92.12020
#2	.0541118	.0483427	335.3953	.3879396	.5382019	.3719084	93.23684
#3	.0540328	.0491608	333.9691	.3872064	.5436546	.3682038	93.37239

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.312787	67.38933	.6428797	.0427181	8.292058	.6172950	2.058688
Stddev	.021955	.41858	.0046686	.0000773	.125078	.0053781	.010752
%RSD	.5090583	.6211431	.7262015	.1809578	1.508410	.8712319	.5222913

#1	4.333727	66.97736	.6390940	.0427199	8.165452	.6128027	2.069161
#2	4.314691	67.37639	.6414489	.0427945	8.415551	.6232544	2.059226
#3	4.289942	67.81423	.6480963	.0426399	8.295171	.6158279	2.047677

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.446511	.2010504	.1156166	.0095122	12.48209	25.24976	-.005181
Stddev	.059656	.0011802	.0018248	.0002001	.07920	.15484	.000526
%RSD	2.438416	.5870133	1.578358	2.103090	.6344887	.6132369	10.14298

#1	2.443683	.2000062	.1149453	.0095292	12.42957	25.07887	-.005682
#2	2.388319	.2008140	.1176820	.0097033	12.44353	25.28966	-.005228
#3	2.507531	.2023308	.1142226	.0093042	12.57319	25.38074	-.004634

Sample Name: J3034-09 Acquired: 5/24/2018 17:50:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9M4S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1860197	.0257388	1.196190
Stddev	.0020360	.0001802	.004238
%RSD	1.094498	.7003108	.3542574

#1	.1841202	.0259420	1.198418
#2	.1881691	.0255981	1.198848
#3	.1857696	.0256763	1.191303

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2589.135	2692.121	65846.83	8337.222	3936.265
Stddev	3.704	16.552	140.04	64.958	28.396
%RSD	.1430702	.6148306	.2126785	.7791286	.7213914

#1	2586.978	2706.813	65865.49	8400.259	3959.577
#2	2593.413	2695.363	65976.61	8340.907	3944.578
#3	2587.015	2674.188	65698.40	8270.501	3904.641

Sample Name: PB109541BL Acquired: 5/24/2018 17:54:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	-.000148	.0016998	-.002392	.0030664	-.002573	-.007695	-.002482
Stddev	.000833	.0008857	.001829	.0012704	.001586	.008255	.000775
%RSD	562.1813	52.10726	76.46316	41.42931	61.63530	107.2715	31.23029

#1	-.000011	.0027224	-.003803	.0041755	-.000864	.001413	-.002919
#2	-.001041	.0011802	-.000326	.0016804	-.003997	-.014683	-.001587
#3	.000608	.0011967	-.003047	.0033434	-.002858	-.009816	-.002941

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000797	-.000116	.0020885	-.000297	.0001721	-.000766	-.000487
Stddev	.0000590	.000018	.0029314	.000600	.0000228	.001147	.010170
%RSD	74.07496	15.31858	140.3578	202.2795	13.23055	149.8556	2086.485

#1	.0000121	-.000137	.0053562	.000183	.0001740	-.000794	.011256
#2	.0001210	-.000106	-.000310	-.000970	.0001939	-.001898	-.006342
#3	.0001059	-.000106	.001219	-.000104	.0001485	.000396	-.006376

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000748	-.022501	.0007114	.0007838	-.237167	.0006809	-.008798
Stddev	.000513	.018662	.0004891	.0001081	.096935	.0018160	.004773
%RSD	68.55808	82.93728	68.74551	13.78572	40.87205	266.6926	54.25669

#1	-.000771	-.032689	.0011056	.0006630	-.132288	-.001341	-.013868
#2	-.000224	-.000963	.0008646	.0008173	-.255744	.001209	-.004390
#3	-.001250	-.033853	.0001641	.0008712	-.323469	.002174	-.008136

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.295411	-.001260	-.006779	-.000030	.0388997	-.007770	-.001297
Stddev	.062353	.000086	.000690	.000156	.0035554	.000236	.000712
%RSD	21.10728	6.819643	10.17913	511.2796	9.139878	3.041931	54.91218

#1	-.363564	-.001353	-.007337	-.000078	.0349959	-.007858	-.000520
#2	-.281443	-.001243	-.006994	-.000157	.0419521	-.007502	-.001918
#3	-.241227	-.001184	-.006008	.000143	.0397511	-.007950	-.001454

Sample Name: PB109541BL Acquired: 5/24/2018 17:54:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	-.001199	.0011772	-.000003
Stddev	.001662	.0011899	.000071
%RSD	138.6516	101.0817	2331.741

#1	.000624	.0025103	.000071
#2	-.001590	.0002224	-.000070
#3	-.002630	.0007989	-.000010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2493.703	2588.694	63284.44	7838.742	4295.674
Stddev	3.754	6.688	258.68	17.509	7.883
%RSD	.1505253	.2583534	.4087564	.2233652	.1835009

#1	2490.350	2591.588	62986.43	7849.025	4287.293
#2	2493.000	2593.447	63415.80	7848.675	4302.940
#3	2497.758	2581.046	63451.08	7818.525	4296.789

Sample Name: PB109541BS Acquired: 5/24/2018 17:58:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	.0216193	.0553676	.0191664	.0682258	.1143864	.3826182
Stddev	.0031820	.0011165	.0012707	.0026147	.0030257	.0091498
%RSD	14.71822	2.016444	6.629879	3.832416	2.645135	2.391368

#1	.0241493	.0565536	.0203686	.0712420	.1176776	.3914312
#2	.0226617	.0543369	.0192938	.0668333	.1117256	.3832584
#3	.0180468	.0552122	.0178367	.0666020	.1137559	.3731652

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3862970	.0097810	.0095341	9.837298	.0219737	.0942777
Stddev	.0016556	.0000854	.0003819	.026823	.0001637	.0028418
%RSD	.4285792	.8732093	4.005164	.2726701	.7450491	3.014337

#1	.3866227	.0097305	.0099745	9.842996	.0221604	.0975573
#2	.3845027	.0097329	.0093326	9.808084	.0218547	.0927320
#3	.3877655	.0098796	.0092953	9.860815	.0219059	.0925436

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0460980	F .2665810	.0318026	9.375030	.0810576	.0194468
Stddev	.0011367	.0065852	.0002506	.107955	.0023919	.0002196
%RSD	2.465774	2.470242	.7879689	1.151512	2.950800	1.129146

#1	.0452035	.2601128	.0319600	9.255765	.0838169	.0193689
#2	.0457134	.2663531	.0319342	9.403263	.0797819	.0192769
#3	.0473771	.2732773	.0315136	9.466064	.0795741	.0196948

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.509424	.1021423	.1140414	8.626307	F .0039491	.0122825
Stddev	.223414	.0057996	.0030032	.027508	.0001501	.0008223
%RSD	2.349396	5.677942	2.633433	.3188881	3.802148	6.695084

#1	9.344609	.1000423	.1164390	8.642918	.0041224	.0116110
#2	9.763706	.0976853	.1106729	8.641449	.0038660	.0120370
#3	9.419956	.1086994	.1150124	8.594555	.0038588	.0131997

Sample Name: PB109541BS Acquired: 5/24/2018 17:58:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) 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	.0206882	.2024701	.1844797	F .0130435	.1970911	.0892285
Stddev	.0005999	.0048946	.0004455	.0008112	.0005604	.0004996
%RSD	2.899934	2.417426	.2414771	6.219341	.2843344	.5599134

#1	.0213575	.2079797	.1849664	.0121962	.1966866	.0894652
#2	.0201988	.2008057	.1840922	.0138131	.1968559	.0886545
#3	.0205083	.1986247	.1843806	.0131213	.1977308	.0895658

Elem	Sr4077
Units	ppm
Avg	.1943287
Stddev	.0003299
%RSD	.1697555

#1	.1945258
#2	.1939478
#3	.1945124

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2513.301	2561.431	63833.78	7933.356	4224.601
Stddev	11.611	73.665	169.18	28.177	121.098
%RSD	.4619990	2.875950	.2650391	.3551667	2.866504

#1	2500.524	2476.417	63652.25	7948.959	4086.193
#2	2516.171	2601.483	63862.00	7900.829	4276.568
#3	2523.208	2606.394	63987.07	7950.280	4311.044

Sample Name: J3035-05 Acquired: 5/24/2018 18:03:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9P0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0392064	.0472916	.0225101	.0438647	.0850455	3.243483	1.857208
Stddev	.0007400	.0004603	.0016623	.0044367	.0029741	.124004	.076402
%RSD	1.887336	.9732548	7.384450	10.11459	3.497105	3.823164	4.113795

#1	.0398052	.0476270	.0243912	.0485262	.0884788	3.312091	1.905503
#2	.0394347	.0467669	.0212391	.0396935	.0832631	3.318021	1.896998
#3	.0383791	.0474810	.0219001	.0433744	.0833944	3.100337	1.769124

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0480641	.0441620	36.47461	.1912856	.5352665	.2306770	3.569639
Stddev	.0020933	.0009454	1.60878	.0061782	.0119472	.0074246	.142111
%RSD	4.355113	2.140772	4.410673	3.229819	2.232004	3.218616	3.981091

#1	.0494677	.0452154	37.54125	.1958722	.5482504	.2360118	3.625295
#2	.0490664	.0433873	37.25843	.1937243	.5247374	.2338217	3.675498
#3	.0456582	.0438833	34.62414	.1842603	.5328116	.2221976	3.408124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.555775	7.274523	.4727167	.0441376	14.13024	.4710600	.4230770
Stddev	.067901	.283426	.0109253	.0015106	.74115	.0145335	.0051765
%RSD	4.364441	3.896139	2.311177	3.422427	5.245126	3.085271	1.223542

#1	1.604728	7.492323	.4848136	.0451047	14.48962	.4827420	.4241460
#2	1.584339	7.377171	.4635681	.0449112	14.62318	.4756532	.4276355
#3	1.478258	6.954076	.4697682	.0423970	13.27791	.4547849	.4174494

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9337002	.0188772	.0626832	.0059745	6.378284	11.29939	-.003211
Stddev	.1639587	.0002401	.0028098	.0003224	.131568	.50053	.000487
%RSD	17.56010	1.272069	4.482455	5.396625	2.062755	4.429713	15.17572

#1	1.059120	.0190104	.0648439	.0063354	6.521866	11.64294	-.002649
#2	.993810	.0190213	.0636989	.0057148	6.263500	11.53014	-.003464
#3	.748170	.0186000	.0595069	.0058733	6.349487	10.72511	-.003519

Sample Name: J3035-05 Acquired: 5/24/2018 18:03:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9P0S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0446009	.0051680	.1666534
Stddev	.0032893	.0006270	.0072413
%RSD	7.374867	12.13228	4.345136

#1	.0477015	.0057548	.1716346
#2	.0449502	.0052416	.1699789
#3	.0411509	.0045074	.1583467

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2619.920	2699.189	65788.42	8156.967	4420.104
Stddev	69.196	53.505	1726.98	286.200	87.351
%RSD	2.641136	1.982259	2.625055	3.508659	1.976221

#1	2567.937	2639.133	64780.68	7972.677	4322.858
#2	2593.364	2741.776	64802.06	8011.545	4491.913
#3	2698.461	2716.658	67782.53	8486.680	4445.541

Sample Name: CCV079 Acquired: 5/24/2018 18:07:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV079 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.285378	5.243207	25.93971	5.206395	5.382204	398.5866
Stddev	.211203	.178139	1.00001	.212714	.218329	1.6612
%RSD	3.995990	3.397514	3.855113	4.085625	4.056496	.4167759

#1	5.528936	5.447877	27.09442	5.451884	5.634220	399.6438
#2	5.152809	5.158641	25.35985	5.090622	5.250400	396.6719
#3	5.174389	5.123102	25.36487	5.076679	5.261993	399.4442

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.27230	.5155040	2.572067	397.3601	15.31193	2.582257
Stddev	.07012	.0027065	.099727	2.9410	.01558	.100225
%RSD	.6826014	.5250223	3.877291	.7401393	.1017522	3.881301

#1	10.34034	.5167954	2.687221	400.1208	15.29416	2.697921
#2	10.20027	.5123937	2.514805	394.2670	15.31836	2.521025
#3	10.27628	.5173229	2.514175	397.6923	15.32326	2.527827

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.13675	398.0740	14.75478	402.4335	2.620827	1.253989
Stddev	.09469	1.4065	.11164	1.7572	.102409	.000630
%RSD	.6255888	.3533381	.7566065	.4366560	3.907516	.0502594

#1	15.21600	398.2938	14.85962	401.9471	2.739036	1.254711
#2	15.03189	396.5704	14.63740	400.9707	2.564468	1.253706
#3	15.16237	399.3577	14.76733	404.3827	2.558976	1.253549

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.1222	2.532382	14.82017	155.5061	F 6.807894	5.228047
Stddev	1.7757	.028235	.12180	.9386	.252710	.028546
%RSD	.4460247	1.114945	.8218195	.6035829	3.712014	.5460237

#1	399.2350	2.546987	14.92813	156.5469	7.099684	5.251957
#2	396.0744	2.499836	14.68814	154.7239	6.664525	5.196442
#3	399.0572	2.550323	14.84423	155.2475	6.659474	5.235741

Sample Name: CCV079 Acquired: 5/24/2018 18:07:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV079 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.217941	5.680131	5.044763	5.319260	5.065260	5.127815
Stddev	.206208	.231921	.017002	.210430	.026496	.033099
%RSD	3.951897	4.083020	.3370216	3.956001	.5230904	.6454877

#1	5.456042	5.947928	5.057706	5.562230	5.082712	5.158587
#2	5.097277	5.547302	5.025508	5.200025	5.034771	5.092798
#3	5.100505	5.545165	5.051074	5.195526	5.078295	5.132060

Elem	Sr4077
Units	ppm
Avg	5.035473
Stddev	.042346
%RSD	.8409605

#1	5.062641
#2	5.057099
#3	4.986681

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2110.712	2094.125	55995.64	7486.955	3137.604
Stddev	8.396	75.841	130.60	19.585	111.221
%RSD	.3978007	3.621595	.2332344	.2615933	3.544782

#1	2101.061	2006.616	55845.48	7464.750	3009.226
#2	2114.737	2140.789	56058.61	7501.771	3204.866
#3	2116.339	2134.970	56082.82	7494.343	3198.721

Sample Name: CCB079 Acquired: 5/24/2018 18:10:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB079 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001607	.0055227	-.000786	.0017353	-.001980	-.002349	-.002340
Stddev	.001410	.0031922	.001281	.0008830	.000601	.001214	.000255
%RSD	87.78054	57.80136	162.8608	50.88382	30.36744	51.69691	10.87697

#1	-.001373	.0019642	-.001172	.0010286	-.001719	-.002543	-.002563
#2	-.003119	.0064694	-.001830	.0014522	-.002668	-.003455	-.002063
#3	-.000328	.0081345	.000643	.0027251	-.001554	-.001049	-.002394

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000526	.0000355	.0122708	-.000135	.0002787	-.002511	.0070290
Stddev	.0000240	.0000612	.0127862	.000528	.0002915	.002113	.0099174
%RSD	45.57917	172.4937	104.2002	390.9996	104.6132	84.15160	141.0930

#1	.0000323	-.000035	.0239809	.000337	.0001048	-.000194	.0150285
#2	.0000791	.000078	-.001372	-.000037	.0006152	-.004332	.0101259
#3	.0000465	.000063	.014203	-.000705	.0001159	-.003008	-.004067

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000292	.0230171	.0008287	.0007200	-.010034	.0017290	-.003625
Stddev	.000164	.0228783	.0001843	.0003299	.173152	.0011019	.006958
%RSD	56.24006	99.39705	22.24180	45.81799	1725.615	63.72781	191.9385

#1	-.000284	.0379714	.0006875	.0003395	-.012903	.0008565	.000304
#2	-.000460	-.003320	.0010371	.0008951	-.181734	.0013633	-.011659
#3	-.000132	.034400	.0007613	.0009253	.164534	.0029673	.000480

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.047116	-.001569	.0000159	.0003297	.0288395	-.007400	-.000504
Stddev	.160179	.000038	.0009673	.0000388	.0050969	.000655	.000466
%RSD	339.9665	2.396026	6071.929	11.76888	17.67347	8.845702	92.38713

#1	-.119863	-.001612	.0005774	.0003274	.0287868	-.007158	.000028
#2	-.158011	-.001551	-.001101	.0002921	.0339626	-.008141	-.000701
#3	.136526	-.001543	.000571	.0003696	.0237691	-.006900	-.000840

Sample Name: CCB079 Acquired: 5/24/2018 18:10:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB079 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002126	.0020759	.0000308
Stddev	.0012960	.0014578	.0000478
%RSD	609.4671	70.22360	154.9628

#1	-.000337	.0028952	.0000758
#2	-.000718	.0029397	.0000361
#3	.001693	.0003928	-.000019

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2522.191	2631.371	63700.66	7638.533	4370.595
Stddev	9.838	8.550	172.44	218.274	14.157
%RSD	.3900509	.3249228	.2707034	2.857542	.3239036

#1	2525.184	2630.179	63795.23	7780.550	4371.849
#2	2511.205	2640.454	63501.62	7747.850	4384.083
#3	2530.185	2623.479	63805.12	7387.200	4355.853

Sample Name: J3033-04 Acquired: 5/24/2018 18:15:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8286647	-.012032	.3950340	.1547475	.5909939	18.84283	.0581843
Stddev	.0126114	.001910	.0077247	.0034232	.0114092	.11901	.0005136
%RSD	1.521895	15.87728	1.955458	2.212138	1.930507	.6315859	.8826643

#1	.8214178	-.011047	.3903170	.1553968	.5838901	18.73627	.0577683
#2	.8432270	-.014234	.4039487	.1577996	.6041542	18.97125	.0587583
#3	.8213493	-.010815	.3908363	.1510461	.5849375	18.82096	.0580261

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2694544	.1799694	9.131567	.0296080	.3365874	.2899335	42.73629
Stddev	.0020902	.0037680	.010014	.0002230	.0079187	.0018842	.29509
%RSD	.7757180	2.093678	.1096677	.7531262	2.352646	.6498856	.6904860

#1	.2702131	.1779746	9.124543	.0298629	.3329213	.2882484	42.41610
#2	.2710592	.1843155	9.127123	.0295126	.3456748	.2895841	42.99730
#3	.2670908	.1776183	9.143034	.0294486	.3311660	.2919680	42.79549

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3946700	65.42589	.3798751	.0829550	41.17122	1.402729	.0431122
Stddev	.0010555	.51082	.0078790	.0006110	.46928	.001542	.0054574
%RSD	.2674352	.7807546	2.074093	.7365778	1.139835	.1098975	12.65868

#1	.3942739	64.83904	.3757836	.0834529	40.74439	1.401020	.0368279
#2	.3958663	65.77062	.3889581	.0822731	41.67375	1.403151	.0458498
#3	.3938699	65.66802	.3748837	.0831391	41.09551	1.404015	.0466591

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.635094	.0223889	.0974692	.0046020	.8255182	2.452553	.0023834
Stddev	.029329	.0007318	.0014202	.0000669	.0122451	.017583	.0002659
%RSD	1.793689	3.268750	1.457106	1.454143	1.483327	.7169089	11.15455

#1	1.661561	.0219852	.0989820	.0046436	.8207733	2.464945	.0025368
#2	1.640159	.0232337	.0961645	.0045248	.8394258	2.460286	.0025370
#3	1.603563	.0219478	.0972610	.0046377	.8163556	2.432430	.0020764

Sample Name: J3033-04 Acquired: 5/24/2018 18:15:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6549006	.0098190	.0219376
Stddev	.0052243	.0005294	.0000440
%RSD	.7977242	5.391601	.2005394

#1	.6504164	.0094439	.0218879
#2	.6606373	.0104245	.0219716
#3	.6536480	.0095885	.0219532

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2528.572	2601.700	64482.93	8050.375	4027.905
Stddev	13.740	42.140	201.17	42.658	73.149
%RSD	.5433929	1.619724	.3119730	.5298875	1.816066

#1	2533.275	2625.142	64311.37	8051.325	4062.777
#2	2539.342	2553.051	64433.09	8007.250	3943.845
#3	2513.097	2626.906	64704.33	8092.550	4077.093

Sample Name: J3033-05 Acquired: 5/24/2018 18:19:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149203	.0015144	.0170567	-.004330	-.001093	12.68998	.1066086
Stddev	.0039188	.0009422	.0006682	.001717	.001387	.28626	.0021354
%RSD	26.26516	62.21641	3.917330	39.66065	126.9182	2.255762	2.003029

#1	.0144014	.0026019	.0166979	-.004344	-.002024	12.90841	.1084577
#2	.0190728	.0009968	.0178276	-.006041	-.001756	12.36592	.1042714
#3	.0112868	.0009444	.0166446	-.002606	.000501	12.79561	.1070966

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011237	-.000014	20.94968	.0555367	.0130282	.0063658	32.60826
Stddev	.0000648	.000063	.40331	.0004054	.0000819	.0010128	.70975
%RSD	5.765948	445.8904	1.925134	.7300128	.6286039	15.90926	2.176607

#1	.0011770	-.000012	21.31950	.0558708	.0131208	.0053054	33.12916
#2	.0010516	-.000078	20.51965	.0550857	.0129654	.0064688	31.79986
#3	.0011424	.000048	21.00988	.0556537	.0129983	.0073231	32.89577

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5993637	7.319032	.0473309	-.000294	.1504311	.0385850	.0598227
Stddev	.0125646	.114158	.0003114	.000209	.1546903	.0040502	.0029148
%RSD	2.096322	1.559746	.6578650	71.21583	102.8313	10.49686	4.872363

#1	.6070541	7.416969	.0469824	-.000124	.0269740	.0359205	.0630070
#2	.5848643	7.193654	.0474284	-.000528	.1003658	.0432458	.0591745
#3	.6061728	7.346472	.0475818	-.000230	.3239534	.0365886	.0572865

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.585791	.1015401	.0273577	.0002270	.1626999	1.387132	-.000471
Stddev	.051159	.0008574	.0024615	.0002806	.0019942	.011654	.000477
%RSD	8.733361	.8444342	8.997599	123.6057	1.225703	.8401460	101.3461

#1	-.602852	.1008434	.0287018	-.000015	.1625616	1.384815	-.000594
#2	-.626240	.1012793	.0245167	.000535	.1647596	1.399771	-.000875
#3	-.528281	.1024977	.0288545	.000161	.1607784	1.376811	.000056

Sample Name: J3033-05 Acquired: 5/24/2018 18:19:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9L3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5269085	.0133744	.0317539
Stddev	.0125857	.0010058	.0007918
%RSD	2.388600	7.520043	2.493430

#1	.5337036	.0144199	.0323645
#2	.5123858	.0124137	.0308593
#3	.5346363	.0132896	.0320379

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2589.838	2685.269	65923.95	8057.092	4352.738
Stddev	7.189	10.325	128.01	91.972	16.896
%RSD	.2775712	.3845122	.1941707	1.141500	.3881673

#1	2597.699	2691.724	65915.33	8111.325	4358.142
#2	2583.599	2690.723	65800.48	7950.900	4366.270
#3	2588.215	2673.361	66056.05	8109.050	4333.801

Sample Name: J3033-06 Acquired: 5/24/2018 18:23:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207426	-.003160	.0921610	-.002975	-.001478	37.56407	.5207152
Stddev	.0015415	.001590	.0026257	.005257	.001476	.11962	.0011975
%RSD	7.431315	50.32927	2.849058	176.7190	99.87392	.3184525	.2299635

#1	.0214721	-.001899	.0892923	-.003794	.000183	37.67535	.5215001
#2	.0217840	-.004947	.0944452	.002644	-.002640	37.43756	.5193370
#3	.0189718	-.002635	.0927454	-.007774	-.001978	37.57930	.5213086

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034152	.0020160	249.5272	.0712699	.0197942	.0584320	48.79720
Stddev	.0001799	.0002336	.6351	.0001541	.0005235	.0029347	.54485
%RSD	5.267934	11.58903	.2545356	.2162277	2.644666	5.022328	1.116569

#1	.0035806	.0018306	250.0824	.0711488	.0192539	.0595207	49.19833
#2	.0032236	.0022784	248.8346	.0714434	.0202991	.0606667	48.17689
#3	.0034415	.0019390	249.6646	.0712176	.0198295	.0551086	49.01639

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9352936	48.71655	.0680353	-.000634	.5042646	.0936302	.2879465
Stddev	.0008667	.32281	.0017495	.000245	.1264375	.0012856	.0086246
%RSD	.0926699	.6626241	2.571503	38.71107	25.07365	1.373037	2.995206

#1	.9343889	49.05078	.0660156	-.000636	.3675075	.0946259	.2793423
#2	.9361165	48.40652	.0690841	-.000878	.5283758	.0921789	.2879059
#3	.9353754	48.69235	.0690061	-.000387	.6169103	.0940859	.2965914

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.172933	.2972798	.0614080	.0015210	2.928398	3.404839	.0029620
Stddev	.063552	.0084708	.0007074	.0002712	.075242	.018836	.0002692
%RSD	2.924692	2.849419	1.152019	17.83297	2.569400	.5531992	9.089667

#1	2.243598	.2882737	.0619347	.0013099	2.844058	3.406117	.0030153
#2	2.154736	.3050876	.0606039	.0014261	2.988637	3.385397	.0026701
#3	2.120464	.2984782	.0616853	.0018269	2.952498	3.423003	.0032006

Sample Name: J3033-06 Acquired: 5/24/2018 18:23:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5777505	.0363930	.3391384
Stddev	.0027445	.0010457	.0008162
%RSD	.4750383	2.873264	.2406649

#1	.5783351	.0352913	.3399928
#2	.5801557	.0365160	.3383668
#3	.5747608	.0373718	.3390557

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2525.851	2597.267	64296.97	8198.151	3923.383
Stddev	14.192	66.406	222.70	27.818	108.588
%RSD	.5618758	2.556768	.3463643	.3393247	2.767719

#1	2533.643	2671.046	64530.07	8186.104	4042.906
#2	2509.470	2542.289	64086.37	8229.962	3830.803
#3	2534.440	2578.464	64274.47	8178.386	3896.441

Sample Name: J3033-07 Acquired: 5/24/2018 18:27:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187832	-.004586	.1029133	-.005789	-.000597	40.54692	.5172005
Stddev	.0031818	.003629	.0004209	.001470	.001676	3.06804	.0379170
%RSD	16.93982	79.12196	.4089642	25.39024	280.4760	7.566645	7.331203

#1	.0205891	-.000658	.1024472	-.006457	.001050	44.07404	.5607677
#2	.0206512	-.007812	.1030270	-.004104	-.000543	38.49627	.4916583
#3	.0151093	-.005288	.1032656	-.006807	-.002299	39.07043	.4991756

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037842	.0010633	309.3555	.0847898	.0234615	.0532185	63.73060
Stddev	.0004028	.0002738	24.6817	.0005360	.0005622	.0060377	4.90925
%RSD	10.64386	25.74733	7.978440	.6321571	2.396271	11.34507	7.703135

#1	.0042426	.0007507	337.7372	.0841771	.0231739	.0600273	69.36908
#2	.0034867	.0012602	292.9172	.0851718	.0241093	.0485164	60.40497
#3	.0036233	.0011790	297.4123	.0850205	.0231012	.0511118	61.41775

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8395790	79.34143	.0718675	-.000914	.5823538	.1361257	.2256965
Stddev	.0673782	6.20830	.0005366	.000712	.1248517	.0106608	.0042746
%RSD	8.025240	7.824793	.7466290	77.85245	21.43915	7.831565	1.893952

#1	.9173550	86.48274	.0713571	-.000175	.7249501	.1483529	.2251636
#2	.7989588	75.22824	.0724269	-.001595	.4926795	.1312465	.2217134
#3	.8024232	76.31332	.0718184	-.000973	.5294319	.1287777	.2302126

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.498143	.2990669	.0751410	.0015621	3.093531	3.916067	-.002093
Stddev	.216179	.0010497	.0054007	.0000654	.023896	.338659	.000113
%RSD	14.42979	.3509813	7.187429	4.186172	.7724591	8.647945	5.382480

#1	1.744004	.2981874	.0806976	.0015414	3.066096	4.306892	-.002175
#2	1.337825	.3002289	.0699111	.0015096	3.109804	3.709175	-.002139
#3	1.412601	.2987844	.0748143	.0016354	3.104692	3.732133	-.001965

Sample Name: J3033-07 Acquired: 5/24/2018 18:27:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8885507	.0382569	.2341314
Stddev	.0680223	.0030724	.0172121
%RSD	7.655421	8.030849	7.351460

#1	.9667539	.0417769	.2539258
#2	.8431069	.0361139	.2226876
#3	.8557913	.0368799	.2257809

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2459.535	2548.170	63055.27	7870.688	3805.454
Stddev	10.397	14.173	205.79	626.083	31.051
%RSD	.4227298	.5562151	.3263634	7.954621	.8159703

#1	2471.169	2564.510	62985.09	7149.190	3839.561
#2	2451.151	2540.797	62893.76	8270.945	3778.823
#3	2456.286	2539.203	63286.97	8191.930	3797.978

Sample Name: J3033-08 Acquired: 5/24/2018 18:31:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7971891	-.014014	.3802411	.1515519	.5659167	18.66290	.0580910
Stddev	.0092775	.001388	.0048375	.0035807	.0083554	.05534	.0003676
%RSD	1.163780	9.904210	1.272214	2.362688	1.476435	.2965265	.6328461

#1	.8045945	-.014957	.3835084	.1500477	.5739691	18.60636	.0584847
#2	.7867825	-.012420	.3746839	.1489687	.5572881	18.66540	.0580319
#3	.8001905	-.014665	.3825311	.1556394	.5664929	18.71695	.0577566

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2676904	.1723581	8.977555	.0294400	.3194070	.2858302	41.53679
Stddev	.0020435	.0032287	.051794	.0005612	.0059102	.0028770	.21613
%RSD	.7633917	1.873248	.5769281	1.906373	1.850365	1.006549	.5203224

#1	.2665319	.1751167	8.971447	.0289583	.3246263	.2872189	41.31996
#2	.2664894	.1688069	9.032133	.0293053	.3129895	.2877495	41.53822
#3	.2700500	.1731506	8.929087	.0300563	.3206051	.2825223	41.75220

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3915876	64.81020	.3618768	.0813661	42.12631	1.392504	.0355865
Stddev	.0047889	.32506	.0064706	.0001004	.12793	.003612	.0001154
%RSD	1.222952	.5015639	1.788058	.1234424	.3036705	.2593995	.3243484

#1	.3877898	64.68498	.3675010	.0812969	42.07028	1.395710	.0355608
#2	.3969674	64.56637	.3548051	.0813200	42.27270	1.393211	.0354861
#3	.3900057	65.17925	.3633242	.0814813	42.03597	1.388590	.0357126

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.677850	.0207540	.0933495	.0035838	.7366130	2.863801	.0021749
Stddev	.012334	.0003380	.0009033	.0002134	.0186997	.031593	.0005591
%RSD	.7351127	1.628474	.9676323	5.955398	2.538604	1.103199	25.70651

#1	1.668546	.0208163	.0936732	.0037988	.7535587	2.844493	.0027351
#2	1.691841	.0203893	.0940464	.0033720	.7165509	2.846650	.0016169
#3	1.673164	.0210565	.0923290	.0035806	.7397295	2.900261	.0021728

Sample Name: J3033-08 Acquired: 5/24/2018 18:31:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9L7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6424022	.0081298	.0216558
Stddev	.0015662	.0006270	.0000622
%RSD	.2438058	7.711900	.2869986

#1	.6432771	.0088519	.0216603
#2	.6405940	.0077234	.0217156
#3	.6433355	.0078141	.0215915

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2506.635	2630.521	63846.02	7945.250	4115.249
Stddev	8.829	33.736	285.50	24.142	63.494
%RSD	.3522135	1.282474	.4471750	.3038547	1.542893

#1	2496.878	2601.869	63520.95	7973.000	4060.384
#2	2508.955	2667.703	63960.99	7929.075	4184.798
#3	2514.072	2621.989	64056.11	7933.675	4100.563

Sample Name: J3036-06 Acquired: 5/24/2018 18:35:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9S4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029859	.0067472	.0020766	-.000877	-.001977	.0008685	.1319069
Stddev	.0007055	.0002927	.0011083	.003959	.000711	.0048068	.0002789
%RSD	23.62846	4.338619	53.37068	451.6988	35.94825	553.4865	.2114138

#1	.0021919	.0065221	.0010133	-.004054	-.002786	.0052899	.1320151
#2	.0035409	.0066415	.0032250	-.002134	-.001449	.0015635	.1315901
#3	.0032250	.0070782	.0019915	.003559	-.001698	-.004248	.1321154

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000102	-.000122	74.20357	-.001610	.0002644	-.001522	.0747785
Stddev	.000048	.000016	.26139	.000578	.0001305	.004171	.0184728
%RSD	47.06852	12.97873	.3522605	35.92616	49.33954	274.0122	24.70340

#1	-.000052	-.000129	74.50389	-.002069	.0004021	-.006331	.0940567
#2	-.000148	-.000104	74.02737	-.001801	.0002485	.000657	.0730459
#3	-.000107	-.000133	74.07945	-.000960	.0001426	.001107	.0572331

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.511511	11.78675	.0012311	.0012102	31.95915	.0014359	.0302544
Stddev	.020244	.19515	.0004577	.0002949	.18632	.0011094	.0046397
%RSD	.5764971	1.655637	37.17546	24.37177	.5829842	77.25825	15.33576

#1	3.534056	11.57390	.0015836	.0015320	31.95907	.0002774	.0266401
#2	3.494889	11.82912	.0013959	.0009527	32.14550	.0024886	.0354864
#3	3.505589	11.95723	.0007139	.0011459	31.77287	.0015417	.0286366

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.283726	.0031307	.0599348	.0098899	6.022914	7.410458	-.003944
Stddev	.064168	.0001888	.0009863	.0002054	.037376	.022363	.000486
%RSD	1.954114	6.028859	1.645654	2.076810	.6205571	.3017776	12.31824

#1	3.347921	.0030371	.0593138	.0098480	6.025519	7.392687	-.003411
#2	3.283672	.0033480	.0610721	.0097088	5.984304	7.403118	-.004057
#3	3.219586	.0030071	.0594185	.0101131	6.058919	7.435568	-.004362

Sample Name: J3036-06 Acquired: 5/24/2018 18:35:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9S4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001123	.0034961	.1964386
Stddev	.001463	.0006127	.0009214
%RSD	130.2506	17.52660	.4690396

#1	-.000764	.0032786	.1974544
#2	-.002732	.0041878	.1956568
#3	.000127	.0030217	.1962045

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2559.286	2643.900	64254.27	7958.856	4300.773
Stddev	4.790	18.221	67.48	4.610	27.388
%RSD	.1871475	.6891645	.1050138	.0579227	.6368187

#1	2556.303	2658.628	64190.37	7961.795	4320.249
#2	2556.746	2649.546	64324.83	7961.230	4312.614
#3	2564.811	2623.524	64247.60	7953.543	4269.457

Sample Name: J3036-07 Acquired: 5/24/2018 18:39:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9S5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043350	.0024768	.0015221	.0000274	-.002435	.0004963	.1029153
Stddev	.0043645	.0017059	.0017803	.0010259	.000546	.0038265	.0004402
%RSD	100.6807	68.87429	116.9688	3749.390	22.41539	771.0487	.4277399

#1	.0024760	.0041048	-.000130	-.000422	-.003057	-.003683	.1025824
#2	.0093212	.0007024	.003408	.001201	-.002032	.001345	.1027491
#3	.0012078	.0026232	.001288	-.000697	-.002217	.003827	.1034144

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000360	-.000074	71.79327	-.000105	-.000496	-.000001	.3780976
Stddev	.0000565	.000050	.21023	.000459	.000060	.003105	.0124613
%RSD	156.9182	67.01991	.2928269	437.7810	12.03039	285554.1	3.295781

#1	.0000464	-.000127	71.72988	-.000453	-.000519	.003135	.3806082
#2	-.000025	-.000067	71.62202	.000416	-.000541	-.000064	.3891125
#3	.000087	-.000029	72.02790	-.000278	-.000428	-.003074	.3645722

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6286086	11.07637	.0014963	.0010400	27.46356	.0037276	.0158501
Stddev	.0009323	.04912	.0006643	.0001694	.07024	.0040322	.0022571
%RSD	.1483035	.4434527	44.39458	16.28814	.2557499	108.1706	14.24048

#1	.6276594	11.02816	.0019171	.0008679	27.38456	.0002330	.0184451
#2	.6295229	11.07460	.0018411	.0010457	27.48718	.0028105	.0147623
#3	.6286433	11.12635	.0007305	.0012065	27.51895	.0081394	.0143429

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.582162	.0041690	.0476855	.0071295	6.192869	8.276786	-.003075
Stddev	.034364	.0002382	.0008748	.0002255	.173803	.068801	.000793
%RSD	1.330835	5.714105	1.834546	3.162205	2.806508	.8312475	25.77603

#1	2.542484	.0043146	.0486540	.0068952	6.104274	8.276025	-.003979
#2	2.602362	.0042983	.0469527	.0071482	6.393118	8.208370	-.002501
#3	2.601641	.0038941	.0474496	.0073450	6.081216	8.345965	-.002744

Sample Name: J3036-07 Acquired: 5/24/2018 18:39:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9S5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002605	.0037544	.1918949
Stddev	.000983	.0004899	.0005406
%RSD	37.71457	13.04934	.2817080

#1	-.003685	.0035264	.1914075
#2	-.002367	.0043167	.1918010
#3	-.001763	.0034200	.1924764

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2591.837	2578.372	65450.73	8054.862	4216.208
Stddev	73.254	70.008	1781.26	46.711	112.562
%RSD	2.826334	2.715182	2.721535	.5799101	2.669747

#1	2532.187	2632.776	63980.81	8100.724	4307.647
#2	2673.600	2499.390	67431.65	8056.516	4090.492
#3	2569.724	2602.951	64939.74	8007.346	4250.485

Sample Name: J3036-08 Acquired: 5/24/2018 18:43:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9S6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068368	.0003578	-.000138	-.000022	-.002664	.0092497	.1145026
Stddev	.0040114	.0047100	.000855	.003820	.001137	.0062838	.0012252
%RSD	58.67464	1316.449	621.6727	16990.52	42.69068	67.93481	1.069988

#1	.0095310	.0056480	.000044	.001454	-.002567	.0019940	.1146578
#2	.0087528	-.001194	.000612	.002839	-.003847	.0128413	.1132072
#3	.0022266	-.003380	-.001068	-.004361	-.001579	.0129138	.1156428

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000448	-.000084	35.00467	-.000010	-.000367	.0014893	.2775934
Stddev	.0000188	.000033	.57314	.000109	.000191	.0043291	.0100014
%RSD	42.04030	39.63659	1.637338	1053.884	51.98278	290.6783	3.602886

#1	.0000614	-.000046	34.97798	.000115	-.000347	.0061307	.2693045
#2	.0000486	-.000103	34.44534	-.000080	-.000186	-.002439	.2747737
#3	.0000243	-.000104	35.59069	-.000066	-.000566	.000776	.2887019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0686985	5.332167	.0014108	.0008929	5.521805	.0018722	.0197695
Stddev	.0012865	.103557	.0001898	.0002907	.087086	.0052574	.0045264
%RSD	1.872669	1.942121	13.45029	32.55908	1.577134	280.8220	22.89581

#1	.0692948	5.294231	.0014888	.0005659	5.482228	-.003841	.0199460
#2	.0672221	5.252928	.0011945	.0011221	5.461535	.006507	.0151575
#3	.0695788	5.449343	.0015491	.0009908	5.621651	.002951	.0242051

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.154092	.0063795	.0329055	.0005774	1.658116	.9713128	-.002499
Stddev	.069094	.0003066	.0015066	.0000986	.030898	.0138858	.001511
%RSD	3.207591	4.806088	4.578623	17.07126	1.863417	1.429594	60.46091

#1	2.108525	.0061811	.0314476	.0006686	1.637641	.9675108	-.004217
#2	2.120159	.0067326	.0328125	.0005909	1.643050	.9597240	-.001375
#3	2.233592	.0062248	.0344565	.0004728	1.693657	.9867036	-.001906

Sample Name: J3036-08 Acquired: 5/24/2018 18:43:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9S6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001783	.0009379	.1865790
Stddev	.000374	.0004832	.0030538
%RSD	20.96051	51.52302	1.636708

#1	-.001430	.0014942	.1863952
#2	-.002175	.0006223	.1836213
#3	-.001746	.0006972	.1897205

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2596.020	2699.243	65458.87	8158.171	4465.641
Stddev	57.043	43.834	1059.41	108.683	71.613
%RSD	2.197315	1.623941	1.618431	1.332197	1.603653

#1	2534.992	2745.251	64456.71	8175.429	4540.030
#2	2647.995	2694.512	66567.49	8257.191	4459.723
#3	2605.073	2657.966	65352.40	8041.891	4397.170

Sample Name: J3036-09 Acquired: 5/24/2018 18:47:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9S7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054092	.0017646	-.002716	.0017855	-.002484	-.003750	.1106940
Stddev	.0022597	.0030285	.000263	.0003795	.001197	.009405	.0002998
%RSD	41.77582	171.6261	9.677353	21.25276	48.18987	250.8360	.2708075

#1	.0070992	.0047522	-.002893	.0016561	-.001603	-.012483	.1104450
#2	.0028425	-.001303	-.002842	.0014877	-.003846	-.004974	.1110267
#3	.0062859	.001845	-.002414	.0022128	-.002002	.006208	.1106102

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000191	-.000078	34.12087	-.000176	-.000716	-.000553	1.219221
Stddev	.0000174	.000053	.13786	.000398	.000089	.004620	.025942
%RSD	91.07052	67.99278	.4040372	226.2238	12.48185	834.7170	2.127721

#1	-.000000	-.000130	34.05244	-.000603	-.000625	.004780	1.213869
#2	.000033	-.000024	34.03060	-.000109	-.000720	-.003298	1.247421
#3	.000025	-.000081	34.27955	.000184	-.000803	-.003143	1.196373

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1116357	5.884477	.0012370	.0006997	6.305402	.0009289	.0182869
Stddev	.0014308	.051426	.0002256	.0002365	.071050	.0044583	.0001214
%RSD	1.281642	.8739301	18.23870	33.79425	1.126817	479.9591	.6640179

#1	.1102508	5.828130	.0010015	.0008392	6.245657	-.000428	.0181756
#2	.1131083	5.928880	.0012582	.0004267	6.383968	.005908	.0184164
#3	.1115480	5.896420	.0014512	.0008332	6.286580	-.002693	.0182687

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.039281	.0134941	.0347160	.0006161	2.391102	1.248654	-.003455
Stddev	.058774	.0007212	.0005526	.0001184	.090202	.003897	.000302
%RSD	2.882113	5.344385	1.591654	19.21444	3.772411	.3120851	8.747477

#1	2.071732	.0130756	.0340780	.0005910	2.341364	1.245540	-.003115
#2	1.971436	.0143268	.0350387	.0007451	2.495224	1.247397	-.003695
#3	2.074676	.0130799	.0350315	.0005123	2.336719	1.253024	-.003553

Sample Name: J3036-09 Acquired: 5/24/2018 18:47:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9S7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002171	.0013057	.1801979
Stddev	.000957	.0011740	.0005372
%RSD	44.07225	89.91359	.2981284

#1	-.001072	.0025070	.1805454
#2	-.002628	.0001611	.1795791
#3	-.002814	.0012491	.1804690

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2604.548	2623.894	65529.39	8062.534	4331.402
Stddev	15.837	89.646	156.96	36.776	150.084
%RSD	.6080603	3.416542	.2395196	.4561403	3.465031

#1	2606.695	2687.150	65437.34	8096.298	4433.546
#2	2587.747	2521.305	65440.20	8023.347	4159.085
#3	2619.202	2663.226	65710.62	8067.958	4401.574

Sample Name: J3036-10 Acquired: 5/24/2018 18:51:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9S8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045583	.0018772	-.000859	-.000697	-.002193	.0061684	.1144850
Stddev	.0046900	.0023023	.000225	.002992	.000968	.0113819	.0037982
%RSD	102.8895	122.6428	26.23606	429.5065	44.15313	184.5189	3.317650

#1	.0098882	.0038593	-.001033	-.003237	-.002116	.0108010	.1128290
#2	.0010627	.0024204	-.000941	.002602	-.001266	-.006799	.1188301
#3	.0027239	-.000648	-.000604	-.001455	-.003198	.014504	.1117959

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001420	-.000124	34.26205	.0000176	-.000531	-.000517	1.254230
Stddev	.0000321	.000083	1.09054	.0003126	.000107	.002486	.022432
%RSD	22.58198	66.55335	3.182942	1778.156	20.22535	480.8050	1.788524

#1	.0001624	-.000114	33.82261	.0000941	-.000654	.001582	1.235363
#2	.0001587	-.000047	35.50375	.0002849	-.000479	-.003263	1.279033
#3	.0001051	-.000212	33.45979	-.000326	-.000459	.000130	1.248295

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1081402	5.879571	.0015111	.0008352	6.353042	.0021345	.0174051
Stddev	.0040182	.170345	.0002328	.0002830	.457389	.0020552	.0074036
%RSD	3.715752	2.897234	15.40794	33.87661	7.199531	96.28468	42.53682

#1	.1058688	5.810723	.0017433	.0009146	5.974176	.0043517	.0101593
#2	.1127797	6.073564	.0015124	.0010701	6.861145	.0017587	.0249570
#3	.1057720	5.754425	.0012777	.0005211	6.223805	.0002931	.0170990

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.978959	.0127534	.0347939	.0006934	2.301101	1.233707	-.003289
Stddev	.145822	.0003723	.0024238	.0002439	.022586	.038362	.001134
%RSD	7.368637	2.919141	6.966166	35.17256	.9815119	3.109473	34.47836

#1	1.932540	.0131003	.0340385	.0009509	2.299745	1.219132	-.003364
#2	2.142341	.0123601	.0375054	.0004660	2.279224	1.277220	-.002119
#3	1.861997	.0127997	.0328377	.0006632	2.324334	1.204768	-.004384

Sample Name: J3036-10 Acquired: 5/24/2018 18:51:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9S8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001596	.0007588	.1811878
Stddev	.001611	.0001838	.0059597
%RSD	100.9151	24.21976	3.289224

#1	-.001574	.0005572	.1790621
#2	.000004	.0009170	.1879188
#3	-.003218	.0008021	.1765823

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2559.089	2684.344	64537.19	7964.476	4434.761
Stddev	58.951	3.862	1357.43	211.378	9.702
%RSD	2.303601	.1438868	2.103330	2.654007	.2187615

#1	2599.196	2688.511	65531.32	8045.686	4441.591
#2	2491.403	2683.639	62990.65	7724.537	4439.037
#3	2586.667	2680.883	65089.61	8123.206	4423.656

Sample Name: J3026-01 Acquired: 5/24/2018 18:55:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATW3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1528715	-.002210	4.821902	-.005976	.0200496	10.85552
Stddev	.0063570	.001078	.020696	.001973	.0007025	.04508
%RSD	4.158391	48.75155	.4292167	33.02170	3.504016	.4153098

#1	.1589478	-.001094	4.843018	-.007142	.0202429	10.86486
#2	.1534000	-.002294	4.821034	-.007088	.0206352	10.80649
#3	.1462668	-.003244	4.801652	-.003697	.0192706	10.89519

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1155195	.0009771	.0117035	F 1003.138	.2218227	.0058829
Stddev	.0004768	.0000887	.0001229	2.394	.0106422	.0003117
%RSD	.4127018	9.074395	1.049997	.2386536	4.797630	5.297734

#1	.1149793	.0010194	.0116684	1005.678	.2187312	.0062344
#2	.1158816	.0008752	.0118401	1002.814	.2336685	.0056403
#3	.1156974	.0010366	.0116020	1000.923	.2130686	.0057740

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.538617	34.57782	3.354595	538.4010	.0170570	.0027580
Stddev	.011593	.09982	.013243	3.8436	.0003315	.0000213
%RSD	.7534790	.2886733	.3947669	.7139000	1.943317	.7712029

#1	1.528973	34.52748	3.339511	536.9020	.0166828	.0027805
#2	1.535399	34.51319	3.364315	535.5327	.0173138	.0027552
#3	1.551479	34.69278	3.359957	542.7683	.0171743	.0027382

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3366827	.1738905	.9466587	2.869085	.1298006	.0548124
Stddev	.1268839	.0040209	.0532235	.080117	.0004956	.0008215
%RSD	37.68651	2.312303	5.622253	2.792428	.3818033	1.498658

#1	.4028177	.1755335	.9346356	2.821164	.1297609	.0557443
#2	.1903934	.1768297	1.004865	2.824516	.1293260	.0544996
#3	.4168368	.1693083	.900475	2.961576	.1303148	.0541932

Sample Name: J3026-01 Acquired: 5/24/2018 18:55:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATW3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054234	3.543319	2.909357	-.003244	.1810089	.0433325
Stddev	.0002570	.011713	.012106	.001626	.0016788	.0007061
%RSD	4.738749	.3305732	.4160955	50.13475	.9274636	1.629518

#1	.0057160	3.556693	2.897983	-.004252	.1801982	.0441441
#2	.0052341	3.538376	2.908006	-.004112	.1829391	.0429934
#3	.0053201	3.534887	2.922082	-.001368	.1798893	.0428598

Elem	Sr4077
Units	ppm
Avg	.5149707
Stddev	.0009801
%RSD	.1903207

#1	.5145294
#2	.5142889
#3	.5160939

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2114.980	2228.652	55210.52	7364.319	3330.165
Stddev	105.564	15.378	2608.19	41.707	17.711
%RSD	4.991275	.6899973	4.724082	.5663352	.5318372

#1	2114.179	2213.736	55551.50	7340.465	3312.754
#2	2009.819	2227.768	52448.61	7412.478	3329.581
#3	2220.943	2244.453	57631.45	7340.016	3348.161

Sample Name: J3026-02 Acquired: 5/24/2018 19:00:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATA9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2306840	-.007078	3.863979	-.064067	.0094683	115.2328	4.844730
Stddev	.0088725	.000791	.011387	.004526	.0021820	.0896	.009293
%RSD	3.846174	11.17798	.2946892	7.064247	23.04570	.0777531	.1918064

#1	.2400367	-.006234	3.876442	-.061514	.0110338	115.1668	4.852722
#2	.2296295	-.007198	3.854119	-.069292	.0103953	115.1968	4.846934
#3	.2223859	-.007803	3.861377	-.061394	.0069758	115.3348	4.834534

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165430	.0311409	247.9252	.6111914	.1197050	1.076796	387.1898
Stddev	.0002505	.0001765	.8399	.0810520	.0002795	.006794	1.2475
%RSD	1.514193	.5667830	.3387774	13.26131	.2334622	.6309718	.3221919

#1	.0164042	.0312344	248.5685	.5655149	.1197737	1.069063	386.0711
#2	.0163927	.0312510	248.2322	.5632860	.1193976	1.081806	386.9633
#3	.0168322	.0309373	246.9750	.7047733	.1199437	1.079520	388.5351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.37065	74.06150	.2646131	-.006432	3.505432	.3758874	10.17121
Stddev	.05910	.22820	.0003968	.005033	.074984	.0020123	1.22836
%RSD	.3845186	.3081170	.1499687	78.25500	2.139089	.5353361	12.07683

#1	15.42084	73.81407	.2648976	-.003571	3.538010	.3746625	9.45406
#2	15.38559	74.10674	.2641598	-.003480	3.558618	.3782098	9.46999
#3	15.30551	74.26369	.2647818	-.012243	3.419669	.3747898	11.58956

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.78899	1.677578	.3944486	.0187734	14.69962	5.223733	.5484381
Stddev	.09881	.005846	.0037935	.0001831	.06917	.043987	.0037272
%RSD	.7726344	.3484513	.9617311	.9750853	.4705738	.8420549	.6795995

#1	12.90052	1.678252	.3978321	.0186363	14.67873	5.182527	.5468551
#2	12.75409	1.671425	.3951662	.0187027	14.64331	5.218620	.5457636
#3	12.71236	1.683058	.3903476	.0189813	14.77684	5.270053	.5526954

Sample Name: J3026-02 Acquired: 5/24/2018 19:00:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATA9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.125214	.1482125	.6583864
Stddev	.008229	.0005994	.0023346
%RSD	.7312959	.4043919	.3545878

#1	1.127560	.1482582	.6610668
#2	1.116067	.1475916	.6567975
#3	1.132014	.1487877	.6572950

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2559.835	2777.331	65808.83	9043.833	3738.434
Stddev	263.065	6.624	6599.75	44.945	2.967
%RSD	10.27666	.2385010	10.02867	.4969652	.0793520

#1	2715.401	2777.298	69577.73	9041.733	3738.692
#2	2708.000	2783.971	69660.53	8999.975	3741.262
#3	2256.103	2770.723	58188.25	9089.791	3735.346

Sample Name: J3026-03 Acquired: 5/24/2018 19:04:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1729652	-.006745	7.692616	-.032687	-.004833	147.1887	4.281252
Stddev	.0076955	.000755	.091653	.001850	.001035	6.1913	.187921
%RSD	4.449141	11.19761	1.191445	5.658689	21.42168	4.206360	4.389392

#1	.1681810	-.006712	7.747740	-.030624	-.004973	154.3303	4.498131
#2	.1818422	-.007516	7.743294	-.033241	-.003735	143.9018	4.178885
#3	.1688723	-.006007	7.586815	-.034197	-.005792	143.3341	4.166739

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223764	.0136340	286.3558	.2162118	.0787000	.6012137	224.8828
Stddev	.0008743	.0005188	12.8399	.0009259	.0008204	.0223934	9.1676
%RSD	3.907048	3.805212	4.483882	.4282560	1.042400	3.724692	4.076610

#1	.0233858	.0130796	301.1582	.2159939	.0791240	.6269840	235.3985
#2	.0218619	.0141077	279.6816	.2154143	.0792216	.5864902	220.6784
#3	.0218813	.0137147	278.2276	.2172273	.0777544	.5901668	218.5716

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.805169	23.49527	.1628740	-.002703	2.888659	.3413731	5.694618
Stddev	.393748	.87471	.0024704	.000806	.078303	.0141367	.073262
%RSD	4.471781	3.722932	1.516777	29.82968	2.710702	4.141137	1.286513

#1	9.258971	24.48167	.1628929	-.001782	2.965708	.3569582	5.758031
#2	8.602453	23.19017	.1653350	-.003280	2.809160	.3293763	5.711403
#3	8.554083	22.81397	.1603942	-.003047	2.891109	.3377849	5.614420

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.11686	1.766353	.2985502	.0187843	10.40985	6.617529	2.885062
Stddev	.54408	.020061	.0122533	.0004429	.13531	.241402	.039530
%RSD	5.377919	1.135724	4.104274	2.357608	1.299850	3.647917	1.370168

#1	10.74498	1.774836	.3119503	.0187684	10.45558	6.896033	2.905156
#2	9.81377	1.780778	.2957836	.0192350	10.51638	6.488357	2.910508
#3	9.79182	1.743444	.2879167	.0183497	10.25760	6.468197	2.839521

Sample Name: J3026-03 Acquired: 5/24/2018 19:04:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATB0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.357610	.2053262	1.369227
Stddev	.102980	.0080537	.060502
%RSD	4.367996	3.922403	4.418690

#1	2.476460	.2146229	1.439042
#2	2.301503	.2004771	1.336516
#3	2.294868	.2008784	1.332121

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2972.614	3097.859	76128.78	9597.055	3829.505
Stddev	8.373	38.338	83.54	326.529	50.482
%RSD	.2816848	1.237556	.1097311	3.402390	1.318229

#1	2981.816	3081.502	76042.87	9221.173	3799.775
#2	2965.441	3070.413	76209.72	9759.385	3800.948
#3	2970.585	3141.662	76133.74	9810.607	3887.792

Sample Name: J3026-04 Acquired: 5/24/2018 19:08:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2822318	-.007458	4.018902	-.037705	.0128100	225.9348	6.655362
Stddev	.0026208	.006385	.016244	.007374	.0016970	.8795	.018746
%RSD	.9286022	85.60981	.4041984	19.55766	13.24730	.3892703	.2816658

#1	.2794381	-.009224	4.034156	-.032380	.0116519	224.9301	6.634505
#2	.2826212	-.000376	4.001821	-.034612	.0147579	226.5657	6.660776
#3	.2846361	-.012774	4.020728	-.046122	.0120201	226.3085	6.670804

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0339605	.0282701	728.1694	.2442287	.1100260	.8821281	226.0504
Stddev	.0003382	.0001271	6.5552	.0049970	.0007867	.0006734	1.1248
%RSD	.9959329	.4496699	.9002294	2.046040	.7149970	.0763417	.4975933

#1	.0335703	.0283478	734.7555	.2384697	.1109338	.8819978	224.7879
#2	.0341433	.0283391	728.1071	.2467997	.1096002	.8828571	226.9459
#3	.0341681	.0281234	721.6456	.2474169	.1095441	.8815292	226.4174

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.75670	169.4103	.2259885	-.007553	7.924378	.3465468	7.189598
Stddev	.06032	.8605	.0009760	.000604	.063292	.0036260	.073756
%RSD	.2097766	.5079663	.4318961	7.996718	.7987044	1.046318	1.025869

#1	28.78670	168.4298	.2271155	-.007326	7.878511	.3440786	7.126966
#2	28.79614	169.7609	.2254183	-.007096	7.898036	.3507098	7.170936
#3	28.68725	170.0402	.2254316	-.008238	7.996587	.3448519	7.270893

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.02080	3.075837	.4585175	.0193804	31.04486	1.408690	.2835442
Stddev	.12124	.021504	.0012029	.0001288	.18605	.009119	.0019880
%RSD	.4845602	.6991423	.2623348	.6647385	.5992822	.6473150	.7011156

#1	24.88902	3.100645	.4576705	.0193227	31.24730	1.398675	.2856237
#2	25.04576	3.062498	.4579876	.0195280	30.88137	1.416511	.2833465
#3	25.12761	3.064369	.4598943	.0192905	31.00591	1.410884	.2816625

Sample Name: J3026-04 Acquired: 5/24/2018 19:08:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATB1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.176294	.3269508	2.009564
Stddev	.026372	.0022612	.004209
%RSD	.3225399	.6915976	.2094445

#1	8.147496	.3243717	2.004707
#2	8.199266	.3285930	2.011836
#3	8.182119	.3278875	2.012148

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3120.363	3284.232	80003.05	10979.21	3325.460
Stddev	26.703	1.764	716.59	27.27	12.438
%RSD	.8557769	.0536964	.8956998	.2483512	.3740086

#1	3146.491	3283.708	80825.07	10976.42	3312.643
#2	3121.478	3282.791	79510.14	10953.45	3337.480
#3	3093.120	3286.199	79673.93	11007.77	3326.258

Sample Name: J3026-05 Acquired: 5/24/2018 19:12:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEB2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4663027	-.030576	5.818591	-.057939	.0143641	193.0905	6.326950
Stddev	.0030320	.001531	.076930	.004514	.0011851	.8588	.013235
%RSD	.6502253	5.006202	1.322135	7.790428	8.250155	.4447407	.2091884

#1	.4634423	-.029223	5.832034	-.058218	.0151830	193.7123	6.333502
#2	.4659846	-.030268	5.735826	-.062306	.0149041	192.1106	6.335632
#3	.4694813	-.032237	5.887913	-.053292	.0130052	193.4484	6.311717

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0361288	.0296445	636.4462	.1945826	.1173655	1.837490	321.8394
Stddev	.0002899	.0003432	9.1477	.0001298	.0008812	.005493	3.0669
%RSD	.8025581	1.157661	1.437305	.0666797	.7508583	.2989506	.9529382

#1	.0364636	.0294410	646.7537	.1945918	.1180289	1.837779	323.2149
#2	.0359550	.0294519	629.2934	.1944485	.1163656	1.831858	318.3256
#3	.0359679	.0300408	633.2914	.1947075	.1177020	1.842833	323.9778

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.39682	52.51640	.2275031	-.010401	6.599569	.4059338	8.301886
Stddev	.03729	.58168	.0043627	.000388	.072499	.0033210	.055716
%RSD	.2274199	1.107608	1.917621	3.727012	1.098544	.8181217	.6711264

#1	16.43406	52.67473	.2303303	-.010143	6.651643	.4087610	8.242316
#2	16.39693	51.87195	.2224787	-.010847	6.630297	.4022765	8.310626
#3	16.35948	53.00251	.2297002	-.010213	6.516766	.4067640	8.352716

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.44546	3.806078	.6045826	.0319092	33.68752	1.823731	.7471449
Stddev	.08111	.034695	.0072857	.0001169	.29437	.010695	.0086883
%RSD	.3187569	.9115758	1.205080	.3662624	.8738332	.5864164	1.162864

#1	25.53296	3.825197	.6107942	.0319889	33.83604	1.829532	.7538799
#2	25.37278	3.766029	.5965632	.0317750	33.34847	1.811389	.7373380
#3	25.43064	3.827008	.6063904	.0319636	33.87804	1.830271	.7502168

Sample Name: J3026-05 Acquired: 5/24/2018 19:12:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATB2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.235995	.2539281	2.068804
Stddev	.038637	.0019621	.001573
%RSD	.6195867	.7727114	.0760115

#1	6.260704	.2548886	2.069422
#2	6.191470	.2516707	2.069973
#3	6.255811	.2552249	2.067016

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3328.059	3412.278	85457.51	11350.43	3413.297
Stddev	6.106	24.239	230.92	84.81	40.041
%RSD	.1834606	.7103544	.2702125	.7472374	1.173084

#1	3335.028	3397.006	85245.42	11296.66	3395.497
#2	3323.650	3440.227	85703.50	11448.20	3459.152
#3	3325.499	3399.601	85423.60	11306.42	3385.242

Sample Name: J3026-06 Acquired: 5/24/2018 19:16:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEB3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2373559	-.010995	9.810363	-.073780	.0194814	126.9950	6.031592
Stddev	.0021105	.003214	.030888	.005173	.0034725	.3498	.008501
%RSD	.8891790	29.22716	.3148468	7.011340	17.82478	.2754791	.1409437

#1	.2375086	-.007671	9.836469	-.067808	.0182007	127.3768	6.038494
#2	.2351731	-.011229	9.776264	-.076863	.0168312	126.9184	6.034187
#3	.2393859	-.014085	9.818355	-.076669	.0234124	126.6898	6.022096

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228224	.0436685	328.8701	.6687916	.1447366	1.007703	457.0106
Stddev	.0002808	.0001206	.8536	.0043027	.0007553	.004091	2.1769
%RSD	1.230366	.2762436	.2595684	.6433581	.5218351	.4059488	.4763264

#1	.0231427	.0437873	329.7609	.6664913	.1451720	1.006387	459.5124
#2	.0226187	.0435461	328.7901	.6661280	.1438645	1.012289	455.5487
#3	.0227058	.0436721	328.0592	.6737555	.1451735	1.004431	455.9706

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.02629	53.24239	.2659585	-.002870	4.143520	.4488353	12.48294
Stddev	.03903	.37913	.0016911	.000577	.214643	.0084315	.15639
%RSD	.1856060	.7120774	.6358643	20.10283	5.180211	1.878520	1.252812

#1	21.07127	53.67533	.2678888	-.002595	4.199767	.4423580	12.46715
#2	21.00141	52.96970	.2647373	-.002483	3.906353	.4583686	12.33504
#3	21.00619	53.08215	.2652495	-.003533	4.324438	.4457792	12.64662

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.58104	2.392006	.5248388	.0232539	16.13949	6.165971	.2877866
Stddev	.08840	.013889	.0102368	.0003438	.08641	.011831	.0013019
%RSD	.5028174	.5806303	1.950473	1.478481	.5354195	.1918703	.4523685

#1	17.66283	2.395430	.5261130	.0229815	16.18157	6.171822	.2892312
#2	17.59303	2.376726	.5140245	.0236402	16.04009	6.173736	.2867042
#3	17.48725	2.403863	.5343789	.0231401	16.19680	6.152355	.2874243

Sample Name: J3026-06 Acquired: 5/24/2018 19:16:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATB3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.563180	.1489924	.9738407
Stddev	.006977	.0012127	.0010741
%RSD	.4463621	.8139471	.1102959

#1	1.570119	.1493708	.9750682
#2	1.563257	.1499708	.9733810
#3	1.556165	.1476356	.9730730

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2872.073	2936.428	74057.18	9636.182	3687.557
Stddev	10.007	10.848	63.53	55.582	13.622
%RSD	.3484145	.3694193	.0857912	.5768094	.3694133

#1	2878.573	2945.285	74116.55	9585.701	3685.767
#2	2877.097	2939.669	74064.81	9627.099	3701.986
#3	2860.550	2924.329	73990.18	9695.747	3674.919

Sample Name: J3026-07 Acquired: 5/24/2018 19:20:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8435447	-.050404	7.201625	-.185599	.0479634	133.5424
Stddev	.0323463	.007992	.406842	.021218	.0031694	.4727
%RSD	3.834566	15.85527	5.649303	11.43226	6.607878	.3539565

#1	.8313094	-.048817	6.942187	-.176662	.0491092	133.9131
#2	.8802238	-.059070	7.670518	-.209823	.0504006	133.0101
#3	.8191008	-.043325	6.992170	-.170311	.0443805	133.7039

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.819314	.0336557	.0421799	445.0736	.1419568	.2124886
Stddev	.015227	.0002631	.0042549	1.4831	.0008949	.0122673
%RSD	.2616609	.7817168	10.08758	.3332351	.6303795	5.773153

#1	5.836757	.0334548	.0394055	446.7280	.1409587	.2041396
#2	5.808676	.0335588	.0470787	443.8631	.1426875	.2265730
#3	5.812511	.0339535	.0400555	444.6297	.1422241	.2067530

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.942528	F 988.3105	28.32732	27.46702	.2776483	-.029123
Stddev	.011203	6.4201	.05470	.22267	.0164767	.001183
%RSD	.2841477	.6496044	.1931134	.8106853	5.934371	4.061955

#1	3.953964	991.5559	28.38865	27.64486	.2669709	-.030176
#2	3.931574	980.9156	28.28355	27.21728	.2966243	-.029351
#3	3.942047	992.4600	28.30977	27.53893	.2693496	-.027843

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.650186	.6722616	11.71852	18.86508	4.401443	1.006690
Stddev	.072385	.0040810	.08665	.03343	.240684	.019620
%RSD	1.281112	.6070519	.7394676	.1772100	5.468300	1.949006

#1	5.580922	.6769638	11.81159	18.90215	4.251784	1.026163
#2	5.725333	.6701775	11.70381	18.83722	4.679079	.986925
#3	5.644304	.6696435	11.64016	18.85586	4.273466	1.006982

Sample Name: J3026-07 Acquired: 5/24/2018 19:20:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEB4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0349115	19.25845	6.213288	.8330205	3.075914	.1769675
Stddev	.0016811	1.04905	.028085	.0460728	.012282	.0009400
%RSD	4.815389	5.447199	.4520209	5.530812	.3993055	.5311596

#1	.0339095	18.61222	6.204300	.8047198	3.085472	.1767329
#2	.0368524	20.46886	6.190796	.8861838	3.062061	.1780026
#3	.0339728	18.69427	6.244767	.8081581	3.080210	.1761670

Elem	Sr4077
Units	ppm
Avg	1.478156
Stddev	.003335
%RSD	.2256053

#1	1.481999
#2	1.476022
#3	1.476447

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2850.824	2890.728	74659.79	9710.161	3444.984
Stddev	21.838	107.979	305.23	45.228	167.113
%RSD	.7660158	3.735363	.4088240	.4657833	4.850901

#1	2826.689	2954.823	74332.94	9665.720	3546.959
#2	2856.566	2766.061	74709.02	9756.138	3252.125
#3	2869.217	2951.299	74937.41	9708.624	3535.869

Sample Name: J3026-08 Acquired: 5/24/2018 19:23:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3144463	-.027344	3.924230	-.102666	.0219666	149.9912
Stddev	.0092774	.000582	.028781	.004476	.0007735	.4101
%RSD	2.950378	2.129856	.7334287	4.359955	3.521447	.2734247

#1	.3207525	-.026735	3.928897	-.105012	.0220726	150.4553
#2	.3037936	-.027401	3.893401	-.097505	.0211455	149.6776
#3	.3187927	-.027896	3.950393	-.105482	.0226817	149.8406

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.381962	.0296610	.0312615	509.7151	.4671581	.1358748
Stddev	.003180	.0005111	.0004962	.7661	.0475480	.0011165
%RSD	.0590859	1.723107	1.587112	.1503011	10.17814	.8216840

#1	5.385606	.0290746	.0312445	509.1221	.4122568	.1357828
#2	5.380528	.0300119	.0307740	509.4430	.4941708	.1348072
#3	5.379751	.0298964	.0317659	510.5801	.4950468	.1370344

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.091851	600.6430	F 30.39413	106.1136	.2205228	-.028228
Stddev	.003199	3.9196	.06341	.4644	.0021258	.007268
%RSD	.2929543	.6525591	.2086155	.4376138	.9639982	25.74800

#1	1.092597	605.1671	30.32324	106.6497	.2217056	-.019861
#2	1.094611	598.2720	30.41373	105.8552	.2180687	-.032986
#3	1.088346	598.4898	30.44542	105.8359	.2217943	-.031836

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.493294	.5834275	6.788267	23.52292	2.808773	.7625248
Stddev	.145426	.0010727	.446505	.05604	.029852	.0284643
%RSD	2.239633	.1838601	6.577595	.2382474	1.062830	3.732908

#1	6.422338	.5844622	6.273841	23.47168	2.806046	.7953269
#2	6.660577	.5834996	7.015627	23.58277	2.780377	.7479223
#3	6.396966	.5823205	7.075332	23.51430	2.839895	.7443252

Sample Name: J3026-08 Acquired: 5/24/2018 19:23:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEB5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0277056	49.56943	2.531998	.3527687	2.923494	.1775579
Stddev	.0006166	.40301	.040324	.0033793	.005362	.0008919
%RSD	2.225488	.8130161	1.592565	.9579443	.1834159	.5023361

#1	.0274178	49.44315	2.487290	.3525795	2.929683	.1784520
#2	.0272856	49.24469	2.565616	.3494879	2.920243	.1766681
#3	.0284135	50.02046	2.543089	.3562386	2.920556	.1775535

Elem	Sr4077
Units	ppm
Avg	1.732305
Stddev	.004441
%RSD	.2563673

#1	1.727961
#2	1.736837
#3	1.732117

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2703.527	3038.135	69787.91	10013.56	3527.598
Stddev	197.944	20.649	5292.14	40.39	24.136
%RSD	7.321683	.6796614	7.583169	.4033334	.6842111

#1	2932.075	3032.991	75896.82	10047.53	3529.115
#2	2586.817	3060.870	66866.00	10024.24	3550.941
#3	2591.688	3020.544	66600.91	9968.90	3502.740

Sample Name: J3026-09 Acquired: 5/24/2018 19:27:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2289590	-.022767	4.279025	-.077332	.0210116	134.3074	3.220538
Stddev	.0054732	.002824	.110021	.006850	.0016110	.0344	.007671
%RSD	2.390487	12.40231	2.571173	8.857434	7.667198	.0256022	.2381885

#1	.2234379	-.023624	4.200901	-.071826	.0201600	134.3046	3.222126
#2	.2343831	-.025063	4.404846	-.085002	.0228697	134.3432	3.227290
#3	.2290560	-.019614	4.231329	-.075167	.0200052	134.2746	3.212197

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180859	.0287056	124.8458	.9077125	.1522045	.8759027	502.4985
Stddev	.0000159	.0011848	.1889	.0019219	.0039576	.0064224	1.5518
%RSD	.0877007	4.127557	.1513130	.2117322	2.600190	.7332320	.3088214

#1	.0181039	.0277758	124.8317	.9080843	.1493654	.8790862	503.2965
#2	.0180741	.0300397	125.0413	.9056318	.1567252	.8685105	500.7101
#3	.0180796	.0283013	124.6643	.9094213	.1505229	.8801116	503.4890

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.65658	23.85849	.1524726	-.012724	2.813531	.6952696	8.056844
Stddev	.02017	.12641	.0039404	.000460	.074844	.0041623	.083355
%RSD	.1730715	.5298458	2.584353	3.616996	2.660142	.5986609	1.034593

#1	11.64018	24.00073	.1500924	-.012808	2.897369	.6911761	8.149639
#2	11.65044	23.81576	.1570209	-.012228	2.789781	.6951353	7.988313
#3	11.67911	23.75898	.1503044	-.013137	2.753445	.6994974	8.032579

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.035053	1.782123	.5123867	.0212152	6.700538	7.083201	.1748295
Stddev	.039453	.044094	.0122997	.0005512	.167694	.064454	.0045026
%RSD	.4910089	2.474249	2.400477	2.598049	2.502699	.9099568	2.575394

#1	8.039440	1.742026	.5214320	.0209450	6.566762	7.027482	.1697492
#2	8.072129	1.829346	.4983815	.0218494	6.888667	7.153791	.1783266
#3	7.993590	1.774997	.5173467	.0208513	6.646186	7.068329	.1764128

Sample Name: J3026-09 Acquired: 5/24/2018 19:27:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATB6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.441820	.1165763	.4510314
Stddev	.008900	.0007067	.0001778
%RSD	.6172574	.6062024	.0394155

#1	1.432908	.1164959	.4509930
#2	1.441844	.1159132	.4512252
#3	1.450707	.1173197	.4508759

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2744.864	2797.507	70363.13	8981.265	3842.485
Stddev	10.545	52.888	429.50	21.306	84.035
%RSD	.3841816	1.890528	.6103991	.2372272	2.186992

#1	2733.760	2836.309	70069.88	8997.850	3903.800
#2	2754.743	2737.266	70856.13	8957.236	3746.696
#3	2746.088	2818.944	70163.39	8988.709	3876.961

Sample Name: J3026-10 Acquired: 5/24/2018 19:31:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1583612	-.015492	.8245347	-.072631	.0129482	113.8199	.8654540
Stddev	.0041199	.007923	.0169747	.001697	.0012278	.2862	.0032704
%RSD	2.601589	51.14134	2.058706	2.336427	9.482042	.2514470	.3778787

#1	.1625135	-.013139	.8386398	-.073674	.0133486	114.0466	.8685112
#2	.1582956	-.009012	.8056954	-.070673	.0115703	113.9148	.8658451
#3	.1542745	-.024324	.8292687	-.073547	.0139258	113.4983	.8620056

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149346	.0028329	18.41587	1.227360	.1555027	.1795687	472.7660
Stddev	.0000541	.0002983	.11710	.022648	.0029674	.0033143	1.2583
%RSD	.3623204	10.52847	.6358607	1.845238	1.908287	1.845712	.2661480

#1	.0148726	.0028440	18.55049	1.242608	.1575211	.1828018	472.8080
#2	.0149592	.0025293	18.35954	1.238137	.1520956	.1761788	474.0027
#3	.0149720	.0031255	18.33758	1.201337	.1568915	.1797256	471.4872

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.707566	5.114117	.0833789	-.013294	1.650528	.8406004	1.526649
Stddev	.026168	.051251	.0022214	.001725	.211285	.0017434	.024750
%RSD	.3005193	1.002143	2.664238	12.97761	12.80108	.2074026	1.621186

#1	8.690218	5.140987	.0848533	-.013962	1.451095	.8420733	1.526833
#2	8.737665	5.055019	.0808239	-.014585	1.871947	.8386754	1.551307
#3	8.694814	5.146346	.0844594	-.011334	1.628541	.8410523	1.501808

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.646886	.5162823	.4487384	.0202058	1.319963	5.626049	.0562454
Stddev	.063583	.0106440	.0034186	.0007051	.025827	.038787	.0017051
%RSD	1.368297	2.061664	.7618230	3.489853	1.956667	.6894180	3.031564

#1	4.616542	.5235920	.4450922	.0208114	1.329493	5.636249	.0572884
#2	4.719957	.5040705	.4492515	.0194316	1.290725	5.658717	.0542777
#3	4.604160	.5211843	.4518714	.0203743	1.339671	5.583182	.0571702

Sample Name: J3026-10 Acquired: 5/24/2018 19:31:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATB7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.138816	.0519424	.1126220
Stddev	.004723	.0005282	.0004929
%RSD	.4147226	1.016848	.4376505

#1	1.140464	.0514558	.1127799
#2	1.142494	.0525041	.1130166
#3	1.133490	.0518672	.1120695

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2758.827	2845.199	70523.23	8751.306	4108.053
Stddev	38.111	43.678	997.34	36.147	77.159
%RSD	1.381436	1.535140	1.414195	.4130516	1.878247

#1	2735.363	2811.746	69940.63	8770.305	4057.784
#2	2738.316	2894.612	69954.24	8709.620	4196.892
#3	2802.801	2829.238	71674.83	8773.991	4069.483

Sample Name: CCV080 Acquired: 5/24/2018 19:36:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV080 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.143452	5.100442	25.31268	5.090282	5.204439	399.4792
Stddev	.008969	.028226	.07753	.020885	.013625	14.3341
%RSD	.1743718	.5534081	.3062712	.4102877	.2617879	3.588192

#1	5.153285	5.075127	25.24539	5.079719	5.194325	383.0491
#2	5.135721	5.095321	25.29518	5.076790	5.199059	409.4278
#3	5.141351	5.130879	25.39745	5.114339	5.219932	405.9606

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.19771	.5256902	2.515312	396.8223	15.59885	2.526157
Stddev	.34156	.0155566	.004395	13.0095	.03647	.005489
%RSD	3.349400	2.959266	.1747263	3.278425	.2337828	.2172847

#1	9.80578	.5077758	2.514013	381.8381	15.57154	2.524775
#2	10.43182	.5357928	2.511714	405.2388	15.64026	2.521492
#3	10.35554	.5335021	2.520211	403.3899	15.58475	2.532205

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.11178	400.9631	14.70772	406.0082	2.540600	1.261216
Stddev	.51511	15.4746	.46171	15.8537	.004805	.007238
%RSD	3.408653	3.859348	3.139228	3.904776	.1891158	.5738562

#1	14.52037	383.2880	14.17520	387.8430	2.537121	1.254825
#2	15.46235	412.0711	14.99622	417.0557	2.538596	1.259748
#3	15.35264	407.5304	14.95173	413.1258	2.546082	1.269075

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	401.6624	2.543299	14.90046	155.8340	F 6.678520	5.327055
Stddev	14.7535	.098456	.14037	5.3213	.037282	.178366
%RSD	3.673118	3.871178	.9420844	3.414712	.5582361	3.348295

#1	384.7682	2.430025	14.81748	149.7222	6.645174	5.123042
#2	412.0086	2.608322	15.06253	159.4379	6.671614	5.453523
#3	408.2103	2.591548	14.82136	158.3420	6.718772	5.404599

Sample Name: CCV080 Acquired: 5/24/2018 19:36:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV080 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.093177	5.542858	5.128600	5.173627	5.086309	5.113516
Stddev	.013532	.028066	.150549	.021817	.182050	.179199
%RSD	.2656878	.5063404	2.935477	.4216950	3.579207	3.504417

#1	5.084501	5.523795	4.956690	5.162539	4.876709	4.907620
#2	5.086262	5.529692	5.236918	5.159582	5.205001	5.234283
#3	5.108770	5.575086	5.192193	5.198761	5.177217	5.198644

Elem	Sr4077
Units	ppm
Avg	5.066898
Stddev	.159022
%RSD	3.138450

#1	4.883878
#2	5.171284
#3	5.145533

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2122.671	2162.931	55641.95	7513.860	3244.355
Stddev	8.067	3.240	289.30	240.294	5.290
%RSD	.3800429	.1498043	.5199254	3.198008	.1630429

#1	2120.541	2163.914	55787.44	7790.175	3245.984
#2	2115.883	2165.566	55308.79	7353.825	3248.639
#3	2131.590	2159.313	55829.62	7397.580	3238.442

Sample Name: CCB080 Acquired: 5/24/2018 19:40:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB080 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022206	.0050190	-.000592	.0053883	-.001407	-.001064	-.001383
Stddev	.0020142	.0007400	.000315	.0006690	.000080	.007378	.000952
%RSD	90.70589	14.74407	53.27227	12.41640	5.715500	693.1319	68.84436

#1	.0019016	.0058479	-.000949	.0054502	-.001317	.004342	-.001889
#2	.0003849	.0047840	-.000473	.0060242	-.001431	-.009470	-.001976
#3	.0043752	.0044250	-.000353	.0046905	-.001473	.001934	-.000285

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000199	-.000005	.0086876	-.000527	.0002202	-.000337	.0125460
Stddev	.0000584	.000004	.0329608	.000506	.0000455	.004618	.0066418
%RSD	292.9461	82.97066	379.4024	95.97277	20.66784	1371.501	52.93997

#1	.0000587	-.000009	.0250863	-.000115	.0001730	-.003611	.0161458
#2	-.000047	-.000007	-.029256	-.000375	.0002638	-.002344	.0048813
#3	.000048	-.000000	.030233	-.001092	.0002237	.004946	.0166108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007877	.0132334	.0009724	.0009113	-.154721	.0001173	.0020629
Stddev	.0005102	.0415491	.0002132	.0002565	.055878	.0024946	.0018554
%RSD	64.76341	313.9724	21.92139	28.14715	36.11554	2126.618	89.94243

#1	.0002094	.0553481	.0010648	.0011910	-.100156	-.000981	.0041001
#2	.0011738	-.027726	.0011237	.0008557	-.152181	.002973	.0004698
#3	.0009800	.012078	.0007286	.0006871	-.211826	-.001640	.0016188

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.115897	-.001350	.0000265	.0004018	.0271982	-.006323	-.000581
Stddev	.040569	.000492	.0005729	.0001569	.0007569	.001344	.000744
%RSD	35.00442	36.42733	2161.011	39.04677	2.783020	21.26080	128.0819

#1	-.074587	-.001441	.0006626	.0002217	.0263394	-.007177	-.000159
#2	-.117423	-.000819	-.000134	.0004743	.0277683	-.004774	-.001440
#3	-.155682	-.001790	-.000449	.0005092	.0274869	-.007019	-.000144

Sample Name: CCB080 Acquired: 5/24/2018 19:40:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB080 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001156	.0017953	.0000322
Stddev	.0015212	.0008408	.0000324
%RSD	1316.347	46.83551	100.4138

#1	.0003215	.0027113	.0000639
#2	.0015233	.0016164	.0000335
#3	-.001498	.0010584	-.000001

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2473.008	2635.199	62514.49	7752.392	4382.570
Stddev	91.913	18.625	2240.67	82.139	32.990
%RSD	3.716642	.7067816	3.584240	1.059529	.7527455

#1	2367.220	2655.407	59929.81	7659.500	4418.576
#2	2518.505	2631.467	63706.07	7782.250	4375.340
#3	2533.299	2618.722	63907.60	7815.425	4353.796

Sample Name: J3026-11 Acquired: 5/24/2018 19:44:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1539491	-.014189	4.084877	-.076158	.0201492	124.2337	1.759422
Stddev	.0051113	.002388	.010819	.002897	.0027618	.1657	.002101
%RSD	3.320115	16.83127	.2648668	3.803783	13.70661	.1334040	.1194077

#1	.1598379	-.015953	4.078606	-.073953	.0231734	124.4065	1.760792
#2	.1513453	-.011471	4.078655	-.079439	.0177606	124.2184	1.757003
#3	.1506639	-.015142	4.097371	-.075082	.0195138	124.0761	1.760471

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163117	.0226743	50.37189	1.161764	.1366081	1.101199	483.9093
Stddev	.0002046	.0004527	.06604	.050451	.0006570	.005908	2.0016
%RSD	1.254348	1.996423	.1311109	4.342599	.4809606	.5365207	.4136387

#1	.0161007	.0225510	50.36456	1.122599	.1358648	1.107985	485.4930
#2	.0163251	.0222961	50.30982	1.218694	.1371113	1.098412	484.5755
#3	.0165092	.0231759	50.44129	1.143999	.1368482	1.097199	481.6596

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.27913	8.976824	.1205420	-.012318	3.139672	.7307842	5.318139
Stddev	.02779	.054777	.0003158	.003357	.229402	.0026490	.145581
%RSD	.2703364	.6102026	.2620116	27.25203	7.306562	.3624929	2.737443

#1	10.30353	9.018637	.1201911	-.009656	3.164180	.7297574	5.244290
#2	10.24888	8.997018	.1206313	-.016089	3.355837	.7337930	5.485844
#3	10.28499	8.914817	.1208035	-.011209	2.899000	.7288024	5.224283

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.622512	1.104392	.4853527	.0300718	2.935644	4.540642	.0871654
Stddev	.020245	.003426	.0095831	.0003099	.004959	.037959	.0013815
%RSD	.3600754	.3101807	1.974466	1.030569	.1689221	.8359875	1.584900

#1	5.603737	1.100544	.4944457	.0298788	2.937318	4.497031	.0885000
#2	5.619837	1.105522	.4862675	.0299073	2.930065	4.558651	.0872549
#3	5.643962	1.107110	.4753450	.0304293	2.939549	4.566245	.0857414

Sample Name: J3026-11 Acquired: 5/24/2018 19:44:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATB8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.272600	.0776920	.2796423
Stddev	.001114	.0005886	.0003645
%RSD	.0875225	.7576306	.1303411

#1	1.273686	.0774810	.2800617
#2	1.271460	.0772380	.2794626
#3	1.272654	.0783571	.2794025

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2677.970	2823.333	68314.62	8795.621	4023.250
Stddev	84.511	8.228	2481.93	11.656	16.063
%RSD	3.155796	.2914142	3.633085	.1325233	.3992649

#1	2736.011	2827.397	69981.17	8795.919	4032.964
#2	2581.012	2828.739	65462.20	8783.818	4032.078
#3	2716.888	2813.865	69500.47	8807.125	4004.709

Sample Name: J3026-12 Acquired: 5/24/2018 19:48:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2767635	.0396828	2.901357	-.104785	.0205148	145.3277
Stddev	.0019522	.0063256	.032694	.006219	.0006132	.5809
%RSD	.7053579	15.94041	1.126856	5.934595	2.989128	.3997175

#1	.2785210	.0328414	2.911209	-.101759	.0198430	144.8104
#2	.2746623	.0453193	2.864870	-.100659	.0210444	145.2165
#3	.2771072	.0408876	2.927992	-.111938	.0206569	145.9562

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.987599	.0269801	.0133237	41.28557	.5194955	.4666042
Stddev	.008487	.0001068	.0000289	.06330	.0021433	.0051744
%RSD	.0944303	.3960142	.2165932	.1533339	.4125701	1.108947

#1	8.977900	.0268575	.0132945	41.21608	.5202012	.4691521
#2	8.991233	.0270533	.0133244	41.30066	.5211970	.4606499
#3	8.993665	.0270294	.0133522	41.33996	.5170883	.4700106

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4018291	696.7684	F 75.28066	7.902899	.1652783	-.020593
Stddev	.0003802	5.5548	.21609	.136958	.0026093	.001089
%RSD	.0946128	.7972201	.2870498	1.733006	1.578717	5.288538

#1	.4022317	692.6654	75.40002	7.784008	.1658064	-.020187
#2	.4017794	694.5503	75.41074	7.872034	.1624454	-.021826
#3	.4014762	703.0895	75.03121	8.052656	.1675832	-.019765

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.989232	1.072143	3.741431	7.042877	1.797676	.6860166
Stddev	.125230	.011681	.048655	.015399	.023091	.0149293
%RSD	4.189380	1.089469	1.300431	.2186422	1.284509	2.176238

#1	2.846953	1.064326	3.756656	7.025594	1.800678	.6774074
#2	3.038008	1.066533	3.686984	7.055135	1.773230	.6773869
#3	3.082736	1.085570	3.780652	7.047904	1.819119	.7032555

Sample Name: J3026-12 Acquired: 5/24/2018 19:48:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEC9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212988	4.010528	3.171119	.1536892	1.350647	.1842641
Stddev	.0001981	.062028	.025491	.0020445	.003797	.0003569
%RSD	.9301947	1.546636	.8038556	1.330291	.2811203	.1937063

#1	.0210702	4.017142	3.148130	.1513284	1.346469	.1842499
#2	.0214063	3.945457	3.198533	.1548578	1.351585	.1839145
#3	.0214200	4.068984	3.166693	.1548814	1.353887	.1846280

Elem	Sr4077
Units	ppm
Avg	.8450926
Stddev	.0001872
%RSD	.0221466

#1	.8452157
#2	.8451848
#3	.8448772

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2924.497	3021.378	75009.36	9457.630	3909.488
Stddev	12.689	20.764	123.68	72.624	33.388
%RSD	.4338893	.6872395	.1648920	.7678928	.8540222

#1	2914.239	3025.982	74929.71	9484.865	3903.792
#2	2920.566	3039.454	74946.53	9375.325	3945.358
#3	2938.686	2998.698	75151.85	9512.700	3879.315

Sample Name: J3026-13 Acquired: 5/24/2018 19:52:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2198755	-.008610	3.182396	-.090256	.0169514	132.2385	3.970647
Stddev	.0036396	.000785	.008747	.005812	.0015315	.4681	.012366
%RSD	1.655325	9.113214	.2748413	6.439578	9.034341	.3539805	.3114469

#1	.2189846	-.009514	3.176866	-.085640	.0186791	132.6703	3.984533
#2	.2167640	-.008103	3.177842	-.096783	.0157609	132.3042	3.966590
#3	.2238779	-.008213	3.192480	-.088345	.0164142	131.7410	3.960820

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0244995	.0245267	189.1950	.5395223	.2037429	.9310572	547.4630
Stddev	.0002179	.0004170	.5343	.0043357	.0006758	.0039594	1.8746
%RSD	.8892471	1.700258	.2823904	.8036157	.3316840	.4252561	.3424088

#1	.0244051	.0242616	189.6963	.5355743	.2036944	.9283789	548.4937
#2	.0247486	.0243111	189.2558	.5441624	.2030927	.9356052	548.5962
#3	.0243448	.0250074	188.6330	.5388303	.2044417	.9291876	545.2993

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.02580	36.72535	.1750697	-.017327	3.706349	.6966635	9.294399
Stddev	.06636	.05312	.0003535	.000539	.128147	.0051270	.066712
%RSD	.2367646	.1446305	.2019100	3.108162	3.457492	.7359299	.7177710

#1	28.02667	36.74630	.1752460	-.017306	3.559559	.7013890	9.242975
#2	28.09171	36.76480	.1753004	-.016799	3.763586	.6973890	9.270439
#3	27.95901	36.66495	.1746628	-.017876	3.795903	.6912124	9.369782

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.47028	1.488791	.5808603	.0216630	10.70545	7.266122	.1416941
Stddev	.02484	.005253	.0101463	.0006309	.03429	.045629	.0011399
%RSD	.2165349	.3528213	1.746766	2.912325	.3202775	.6279748	.8044874

#1	11.48714	1.487874	.5816896	.0210457	10.68383	7.268498	.1413062
#2	11.48195	1.484056	.5703249	.0216367	10.68752	7.310517	.1407988
#3	11.44176	1.494441	.5905665	.0223067	10.74498	7.219351	.1429774

Sample Name: J3026-13 Acquired: 5/24/2018 19:52:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATD0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.726278	.1320705	.5539178
Stddev	.006252	.0015788	.0008862
%RSD	.3621865	1.195453	.1599811

#1	1.732305	.1318755	.5538487
#2	1.726707	.1305982	.5548365
#3	1.719822	.1337378	.5530682

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2869.885	2966.192	73438.10	9462.113	3828.587
Stddev	11.516	7.717	251.55	55.028	11.452
%RSD	.4012552	.2601623	.3425297	.5815578	.2991148

#1	2864.377	2971.204	73456.13	9409.247	3836.043
#2	2883.120	2970.066	73178.02	9458.017	3834.318
#3	2862.158	2957.305	73680.14	9519.074	3815.402

Sample Name: J3026-14 Acquired: 5/24/2018 19:56:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1351565	-.014655	1.264528	-.074732	.0143249	149.1305	2.133896
Stddev	.0033824	.002759	.006593	.002823	.0020748	.0232	.004843
%RSD	2.502594	18.82650	.5213525	3.777317	14.48376	.0155644	.2269587

#1	.1324069	-.014880	1.265466	-.076461	.0121138	149.1088	2.136226
#2	.1341292	-.011790	1.257517	-.076261	.0146319	149.1275	2.137134
#3	.1389335	-.017294	1.270602	-.071474	.0162292	149.1550	2.128329

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234134	.0073443	180.1072	.4818371	.1515974	.1907925	458.2761
Stddev	.0004005	.0002398	.1039	.0373560	.0004905	.0023864	1.3546
%RSD	1.710696	3.265023	.0576689	7.752819	.3235701	1.250788	.2955867

#1	.0231236	.0073488	180.0051	.5247505	.1516104	.1913669	456.7148
#2	.0232463	.0071023	180.1038	.4641614	.1511006	.1928393	458.9748
#3	.0238705	.0075818	180.2127	.4565994	.1520814	.1881713	459.1386

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.46459	29.07268	.0953826	-.017129	2.534351	.6991398	2.379063
Stddev	.04214	.09527	.0010302	.004085	.089368	.0075911	.187737
%RSD	.2282357	.3276805	1.080049	23.84812	3.526262	1.085771	7.891220

#1	18.41610	29.15620	.0948366	-.021829	2.559647	.6904820	2.595633
#2	18.49239	28.96892	.0947403	-.015135	2.435061	.7046546	2.279052
#3	18.48528	29.09292	.0965708	-.014425	2.608344	.7022827	2.262505

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.12472	.7745183	.4651116	.0113580	6.677474	8.906741	.0699890
Stddev	.02769	.0075877	.0084834	.0001202	.061674	.109356	.0018098
%RSD	.2284007	.9796736	1.823957	1.058246	.9236167	1.227788	2.585892

#1	12.15655	.7728440	.4721763	.0114683	6.707123	8.796046	.0679024
#2	12.10618	.7679076	.4674560	.0113758	6.606575	8.909473	.0709316
#3	12.11144	.7828034	.4557025	.0112299	6.718725	9.014706	.0711330

Sample Name: J3026-14 Acquired: 5/24/2018 19:56:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.334709	.1211249	.4736521
Stddev	.002388	.0003665	.0011383
%RSD	.1789309	.3025917	.2403261

#1	1.334498	.1208136	.4727585
#2	1.337196	.1215288	.4749337
#3	1.332434	.1210324	.4732640

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2746.429	2965.280	69863.90	9368.797	3843.752
Stddev	191.088	10.390	4775.11	55.380	18.713
%RSD	6.957690	.3503785	6.834870	.5911132	.4868486

#1	2527.988	2964.163	64380.06	9412.338	3848.818
#2	2828.678	2976.184	72108.49	9387.587	3859.411
#3	2882.620	2955.495	73103.14	9306.467	3823.027

Sample Name: J3028-01 Acquired: 5/24/2018 20:00:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0717130	-.002631	.7328191	-.031061	.0072133	83.59994	.6766743
Stddev	.0040876	.002537	.0029314	.002583	.0013332	.07953	.0036605
%RSD	5.700004	96.41734	.4000117	8.316190	18.48261	.0951266	.5409604

#1	.0685558	-.000170	.7357731	-.031181	.0070476	83.52965	.6789818
#2	.0702530	-.002485	.7299109	-.028421	.0059707	83.58391	.6785876
#3	.0763301	-.005237	.7327733	-.033583	.0086216	83.68626	.6724537

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076375	.0038513	39.13207	.1709398	.0932795	.2421548	215.0372
Stddev	.0001005	.0000982	.10373	.0027146	.0002759	.0032665	.9804
%RSD	1.315587	2.550804	.2650727	1.588069	.2958032	1.348943	.4559020

#1	.0075220	.0039286	39.19947	.1727193	.0933298	.2392679	214.2514
#2	.0076866	.0038845	39.18412	.1722847	.0929819	.2457005	214.7244
#3	.0077040	.0037407	39.01262	.1678152	.0935268	.2414960	216.1358

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.281336	8.073637	.0931912	-.005008	.8743562	.2539743	1.775020
Stddev	.002949	.103445	.0006783	.000376	.1320809	.0033209	.016348
%RSD	.0469489	1.281267	.7278515	7.502541	15.10607	1.307573	.9209920

#1	6.282262	8.081920	.0924370	-.004836	.9788315	.2545978	1.792550
#2	6.283711	7.966299	.0933855	-.005439	.7258946	.2503859	1.772319
#3	6.278035	8.172691	.0937512	-.004749	.9183423	.2569393	1.760191

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.169564	.5175627	.2170163	.0064309	3.368740	8.091047	.0129641
Stddev	.065364	.0023286	.0018681	.0002462	.020181	.092321	.0021304
%RSD	1.567649	.4499140	.8607936	3.827823	.5990777	1.141021	16.43273

#1	4.234427	.5182250	.2154147	.0061564	3.380603	7.992817	.0120571
#2	4.170556	.5149747	.2165658	.0065042	3.345438	8.176026	.0153978
#3	4.103710	.5194884	.2190684	.0066320	3.380179	8.104297	.0114373

Sample Name: J3028-01 Acquired: 5/24/2018 20:00:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9527936	.0485109	.1144006
Stddev	.0173282	.0016707	.0001595
%RSD	1.818670	3.443926	.1394109

#1	.9412511	.0504303	.1142852
#2	.9727191	.0477186	.1145826
#3	.9444105	.0473838	.1143340

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2618.106	2710.273	66547.23	8297.807	4149.060
Stddev	24.662	5.014	735.07	26.548	11.637
%RSD	.9419658	.1850008	1.104590	.3199458	.2804683

#1	2593.113	2705.987	65926.10	8320.261	4146.212
#2	2618.784	2715.787	66356.80	8304.655	4161.856
#3	2642.422	2709.045	67358.78	8268.506	4139.111

Sample Name: J3028-02 Acquired: 5/24/2018 20:04:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0500810	-.000723	.1645567	-.025986	.0019130	88.81389	.3755842
Stddev	.0034940	.002868	.0015650	.000986	.0017364	.09698	.0007878
%RSD	6.976678	396.7793	.9510519	3.795493	90.77164	.1091932	.2097606

#1	.0534944	-.003043	.1657344	-.026856	-.000009	88.73533	.3761056
#2	.0502370	.002484	.1627808	-.024915	.003368	88.78405	.3759691
#3	.0465116	-.001609	.1651549	-.026188	.002381	88.92228	.3746779

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054075	-.000682	7.423861	.1161301	.1000390	.0641002	178.6568
Stddev	.0000725	.000165	.033452	.0011800	.0023567	.0007160	.5377
%RSD	1.340061	24.17631	.4506045	1.016081	2.355771	1.116970	.3009925

#1	.0053243	-.000493	7.385997	.1147689	.1024351	.0645573	178.1479
#2	.0054419	-.000763	7.436174	.1167599	.0977238	.0632750	178.6032
#3	.0054564	-.000791	7.449412	.1168616	.0999582	.0644682	179.2193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.669378	3.421481	.0621389	-.004077	.5172994	.2479317	.2602880
Stddev	.019244	.029969	.0012649	.000428	.0870596	.0090586	.0087034
%RSD	.4121263	.8758973	2.035622	10.50563	16.82964	3.653689	3.343758

#1	4.670344	3.452053	.0635941	-.004545	.4313477	.2461072	.2605233
#2	4.649670	3.420236	.0613028	-.003980	.5151245	.2577638	.2688713
#3	4.688121	3.392154	.0615198	-.003705	.6054261	.2399242	.2514693

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.528074	.1538726	.1647760	.0058263	.6172468	3.321365	.0050852
Stddev	.060202	.0032598	.0011219	.0002532	.0160599	.042194	.0009317
%RSD	2.381326	2.118478	.6808703	4.345188	2.601866	1.270377	18.32239

#1	2.465938	.1575529	.1634844	.0057721	.6357911	3.338412	.0059727
#2	2.532148	.1513487	.1653342	.0056047	.6079216	3.273315	.0051681
#3	2.586135	.1527162	.1655092	.0061022	.6080277	3.352369	.0041148

Sample Name: J3028-02 Acquired: 5/24/2018 20:04:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATE0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6279143	.0423202	.0423423
Stddev	.0041610	.0000360	.0000862
%RSD	.6626712	.0849557	.2034986

#1	.6311828	.0423388	.0422760
#2	.6293299	.0422787	.0423113
#3	.6232302	.0423430	.0424397

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2625.632	2687.370	66407.73	8210.690	4170.495
Stddev	1.012	51.407	72.76	39.340	84.908
%RSD	.0385242	1.912912	.1095677	.4791348	2.035912

#1	2624.625	2629.710	66491.38	8232.698	4076.689
#2	2625.623	2728.414	66372.78	8234.101	4242.088
#3	2626.648	2703.985	66359.04	8165.271	4192.708

Sample Name: J3028-03 Acquired: 5/24/2018 20:08:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0577874	-.001274	.3716130	-.026138	.0153220	94.62761	.4868836
Stddev	.0037739	.001729	.0034186	.002393	.0006047	.43638	.0012693
%RSD	6.530599	135.7679	.9199281	9.155149	3.946411	.4611503	.2607027

#1	.0574378	-.002588	.3721520	-.026555	.0147615	94.12435	.4861517
#2	.0617238	.000685	.3679570	-.028295	.0159628	94.85739	.4883493
#3	.0542004	-.001918	.3747301	-.023564	.0152418	94.90107	.4861499

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061070	.0009445	16.30763	.1226266	.0996560	.1089546	177.7805
Stddev	.0000796	.0002022	.08444	.0073501	.0005873	.0017567	1.4004
%RSD	1.304070	21.40768	.5177899	5.993923	.5893636	1.612322	.7876857

#1	.0061754	.0010929	16.30716	.1187940	.0999683	.1090711	176.2054
#2	.0060196	.0007142	16.39230	.1179848	.1000212	.1071425	178.8846
#3	.0061261	.0010265	16.22342	.1311009	.0989785	.1106501	178.2515

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.580820	4.856837	.0736601	-.005239	.5757049	.2435229	.8744916
Stddev	.011721	.052590	.0008833	.001170	.0803453	.0052400	.0488036
%RSD	.2100191	1.082794	1.199183	22.33116	13.95598	2.151729	5.580803

#1	5.567445	4.799275	.0744461	-.004862	.4914010	.2407721	.8393042
#2	5.585715	4.902370	.0727042	-.004304	.5843158	.2495654	.8539646
#3	5.589299	4.868866	.0738300	-.006551	.6513978	.2402311	.9302059

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.591189	.2173396	.1694524	.0059431	1.166088	7.139001	.0091634
Stddev	.030340	.0011651	.0035925	.0003341	.014093	.056969	.0014250
%RSD	.3996691	.5360849	2.120068	5.621672	1.208585	.7979991	15.55077

#1	7.561649	.2186162	.1665317	.0062418	1.182243	7.122164	.0093245
#2	7.589650	.2170693	.1734639	.0055823	1.156312	7.092347	.0076647
#3	7.622270	.2163335	.1683616	.0060050	1.159710	7.202491	.0105010

Sample Name: J3028-03 Acquired: 5/24/2018 20:08:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8551678	.0430315	.0731535
Stddev	.0102562	.0010442	.0004736
%RSD	1.199318	2.426505	.6474807

#1	.8437075	.0438453	.0726679
#2	.8583125	.0433949	.0731784
#3	.8634835	.0418542	.0736142

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2573.346	2716.188	64955.22	8240.373	4192.133
Stddev	116.753	14.588	2780.50	63.648	24.042
%RSD	4.537028	.5370743	4.280645	.7723866	.5735005

#1	2658.062	2701.244	66745.73	8312.450	4166.535
#2	2621.811	2730.392	66367.95	8216.770	4214.236
#3	2440.165	2716.928	61751.99	8191.898	4195.628

Sample Name: J3028-04 Acquired: 5/24/2018 20:12:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0555759	.0030053	.4468985	-.020160	.0028564	78.99425	.4542666
Stddev	.0017846	.0027151	.0064633	.000445	.0008250	.31233	.0015493
%RSD	3.211161	90.34179	1.446262	2.206739	28.88062	.3953869	.3410448

#1	.0542583	.0027740	.4517312	-.019957	.0020535	78.63405	.4528337
#2	.0576068	.0004133	.4395569	-.020670	.0037018	79.18994	.4540555
#3	.0548625	.0058287	.4494074	-.019853	.0028140	79.15875	.4559106

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054733	.0014793	11.71811	.1115727	.2355952	.1110688	164.7822
Stddev	.0000175	.0001543	.05380	.0006634	.0034014	.0030182	.4042
%RSD	.3199883	10.42793	.4591072	.5946002	1.443767	2.717449	.2453031

#1	.0054570	.0016425	11.66410	.1108617	.2386300	.1091603	164.3707
#2	.0054710	.0013360	11.71855	.1116814	.2319186	.1145485	165.1787
#3	.0054919	.0014593	11.77169	.1121751	.2362371	.1094975	164.7971

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.477293	3.524223	.0692552	-.004404	.3545184	.2241680	.8598508
Stddev	.055488	.042584	.0006138	.000245	.2228406	.0057430	.0024236
%RSD	.7420895	1.208309	.8863441	5.566731	62.85728	2.561931	.2818606

#1	7.415430	3.476504	.0697796	-.004553	.2858669	.2192224	.8576458
#2	7.493777	3.537808	.0685800	-.004121	.1740811	.2304668	.8624457
#3	7.522671	3.558355	.0694059	-.004537	.6036073	.2228149	.8594608

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.611546	.2145478	.1573982	.0068893	1.147378	5.767625	.0094955
Stddev	.031385	.0037317	.0024378	.0003967	.022290	.018650	.0015686
%RSD	1.201786	1.739341	1.548823	5.758276	1.942674	.3233485	16.51975

#1	2.600673	.2187393	.1578996	.0070830	1.169474	5.768934	.0076843
#2	2.646921	.2115865	.1595464	.0064330	1.124899	5.748356	.0103919
#3	2.587042	.2133176	.1547487	.0071520	1.147760	5.785586	.0104105

Sample Name: J3028-04 Acquired: 5/24/2018 20:12:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATE2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7691839	.0375760	.0466509
Stddev	.0104549	.0012937	.0003845
%RSD	1.359226	3.442881	.8242145

#1	.7608732	.0366545	.0462222
#2	.7657560	.0390550	.0467654
#3	.7809225	.0370186	.0469652

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2611.302	2729.987	65995.05	8206.667	4249.207
Stddev	9.168	39.433	115.89	80.813	59.489
%RSD	.3511007	1.444452	.1755987	.9847244	1.400011

#1	2618.753	2689.312	66018.42	8295.321	4189.564
#2	2601.063	2768.049	66097.47	8187.562	4308.542
#3	2614.090	2732.599	65869.26	8137.119	4249.515

Sample Name: J3028-05 Acquired: 5/24/2018 20:16:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0871829	.0020110	1.102965	-.026304	.0167146	90.78853	1.244730
Stddev	.0045401	.0022334	.031498	.002687	.0014092	5.68065	.074425
%RSD	5.207504	111.0617	2.855803	10.21650	8.431068	6.257015	5.979196

#1	.0890112	.0039003	1.088907	-.025161	.0175212	88.78171	1.216621
#2	.0820137	.0025865	1.080943	-.024377	.0150874	97.20021	1.329115
#3	.0905236	-.000454	1.139044	-.029374	.0175353	86.38369	1.188452

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082928	.0065382	154.1905	.1837168	.0792522	.4527382	194.7149
Stddev	.0004412	.0007064	9.0450	.0085567	.0027138	.0254852	12.2972
%RSD	5.320560	10.80489	5.866111	4.657543	3.424243	5.629131	6.315466

#1	.0080967	.0065424	150.6852	.1741933	.0778154	.4435762	190.2694
#2	.0087981	.0058296	164.4635	.1861995	.0775589	.4815378	208.6166
#3	.0079837	.0072425	147.4228	.1907576	.0823823	.4331007	185.2587

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.652990	34.03284	.1276811	-.003029	2.276983	.2100296	3.011242
Stddev	.557607	2.12301	.0035627	.001567	.304869	.0114998	.138431
%RSD	5.776523	6.238114	2.790335	51.73771	13.38917	5.475323	4.597145

#1	9.449172	33.15928	.1256659	-.002211	1.994408	.2062772	2.855244
#2	10.28383	36.45326	.1255827	-.002040	2.600091	.2229368	3.059047
#3	9.22597	32.48598	.1317947	-.004836	2.236451	.2008746	3.119436

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.695469	.8582658	.4332043	.0194604	5.605103	8.939532	.0364113
Stddev	.506584	.0264577	.0281548	.0002346	.171114	.493225	.0012972
%RSD	7.566072	3.082692	6.499187	1.205607	3.052830	5.517347	3.562511

#1	6.500493	.8421752	.4215930	.0192204	5.513951	8.754890	.0366585
#2	7.270571	.8438205	.4653078	.0194715	5.498860	9.498438	.0350084
#3	6.315342	.8888018	.4127122	.0196892	5.802496	8.565268	.0375671

Sample Name: J3028-05 Acquired: 5/24/2018 20:16:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.412598	.0672060	.3140004
Stddev	.099476	.0040196	.0197797
%RSD	7.042066	5.981007	6.299277

#1	1.377465	.0650022	.3061755
#2	1.524874	.0718455	.3364955
#3	1.335457	.0647704	.2993301

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2628.081	2629.073	67148.18	8049.617	3904.676
Stddev	101.466	64.041	2374.05	426.409	97.907
%RSD	3.860833	2.435874	3.535543	5.297253	2.507423

#1	2743.872	2664.076	69864.59	8179.066	3957.866
#2	2585.662	2667.985	66109.33	7573.484	3964.475
#3	2554.708	2555.160	65470.63	8396.299	3791.688

Sample Name: J3028-06 Acquired: 5/24/2018 20:20:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3122704	.0036297	.4980197	-.022917	.0059077	97.13087	1.164230
Stddev	.0044045	.0025386	.0014258	.001864	.0022778	.45885	.004434
%RSD	1.410465	69.93994	.2862984	8.132603	38.55593	.4723996	.3808622

#1	.3173536	.0010254	.4986005	-.023274	.0070247	97.66068	1.169177
#2	.3095886	.0037666	.4990636	-.024576	.0074114	96.86210	1.162898
#3	.3098690	.0060971	.4963952	-.020901	.0032871	96.86982	1.160614

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096617	.0016990	75.89340	.2117589	.0940557	.2263761	218.3332
Stddev	.0000278	.0001542	.21068	.0014638	.0005128	.0021926	1.3797
%RSD	.2875783	9.075624	.2776053	.6912410	.5451947	.9685479	.6319262

#1	.0096332	.0018732	76.09778	.2100687	.0942664	.2273617	219.9260
#2	.0096631	.0015801	75.90548	.2125994	.0944297	.2279029	217.5650
#3	.0096887	.0016436	75.67693	.2126086	.0934712	.2238637	217.5085

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.974899	28.21514	.0889234	-.005798	1.380256	.3194386	1.055109
Stddev	.016963	.11321	.0009620	.000330	.069568	.0035086	.008228
%RSD	.1700550	.4012253	1.081809	5.695014	5.040253	1.098362	.7797806

#1	9.988810	28.34173	.0898710	-.005585	1.460163	.3153921	1.045641
#2	9.979886	28.12361	.0889515	-.005632	1.347438	.3212895	1.059167
#3	9.956002	28.18008	.0879476	-.006179	1.333167	.3216342	1.060519

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.281959	.7322146	.2198555	.0107470	9.891977	5.641528	.0123083
Stddev	.017322	.0038235	.0054558	.0000373	.067511	.032912	.0007623
%RSD	.2378693	.5221775	2.481549	.3472562	.6824838	.5833868	6.193360

#1	7.300028	.7364989	.2260898	.0107164	9.969928	5.624377	.0114684
#2	7.280354	.7309958	.2159535	.0107886	9.853651	5.620733	.0125003
#3	7.265496	.7291491	.2175232	.0107361	9.852350	5.679473	.0129562

Sample Name: J3028-06 Acquired: 5/24/2018 20:20:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.073012	.0720712	.3973864
Stddev	.005679	.0010719	.0014982
%RSD	.5292395	1.487271	.3770219

#1	1.079295	.0729517	.3991080
#2	1.071500	.0708776	.3963781
#3	1.068243	.0723843	.3966730

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2656.307	2732.613	67423.22	8417.436	4075.142
Stddev	6.560	15.072	326.81	63.647	19.179
%RSD	.2469667	.5515678	.4847191	.7561345	.4706296

#1	2662.815	2721.890	67726.44	8343.956	4060.135
#2	2656.412	2726.103	67466.17	8455.377	4068.542
#3	2649.695	2749.846	67077.06	8452.975	4096.750

Sample Name: J3028-07 Acquired: 5/24/2018 20:24:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1181148	.0025736	.6973162	-.023241	.0059781	98.69519	.9337277
Stddev	.0031627	.0049755	.0096231	.002762	.0009004	5.70423	.0481643
%RSD	2.677649	193.3282	1.380022	11.88372	15.06161	5.779643	5.158280

#1	.1172128	.0045883	.7045594	-.021587	.0067165	105.2481	.9891666
#2	.1155012	-.003093	.6863969	-.021706	.0062426	95.9954	.9098409
#3	.1216306	.006226	.7009922	-.026429	.0049750	94.8421	.9021754

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078167	.0030229	85.45233	.1264985	.0985833	.2876188	187.3079
Stddev	.0004594	.0003594	4.77366	.0013246	.0017183	.0151346	11.4479
%RSD	5.876586	11.88918	5.586340	1.047154	1.743027	5.262050	6.111814

#1	.0083450	.0026803	90.95854	.1252704	.0995479	.3049641	200.3900
#2	.0075112	.0029913	82.92069	.1263230	.0965994	.2807938	182.4101
#3	.0075940	.0033970	82.47777	.1279022	.0996025	.2770986	179.1237

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.34238	32.87322	.1093127	-.003608	1.488840	.2369677	1.543956
Stddev	.67213	2.11457	.0012046	.000487	.088846	.0122855	.005344
%RSD	5.925824	6.432512	1.101974	13.50772	5.967431	5.184443	.3461019

#1	12.11751	35.27550	.1100786	-.003046	1.504200	.2500020	1.548679
#2	10.98848	32.05050	.1079242	-.003893	1.569004	.2352995	1.538156
#3	10.92115	31.29365	.1099353	-.003887	1.393316	.2256016	1.545033

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.441591	.6018192	.1943778	.0115133	4.264662	6.191066	.0141225
Stddev	.427632	.0121185	.0160092	.0005913	.075836	.317361	.0004772
%RSD	6.638602	2.013637	8.236152	5.135927	1.778231	5.126113	3.379261

#1	6.934241	.6116217	.2124183	.0121857	4.314812	6.552972	.0145732
#2	6.224265	.5882698	.1888508	.0112795	4.177419	6.059973	.0136226
#3	6.166268	.6055661	.1818644	.0110746	4.301753	5.960253	.0141718

Sample Name: J3028-07 Acquired: 5/24/2018 20:24:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.365334	.0626376	.1802547
Stddev	.085499	.0033697	.0101538
%RSD	6.262123	5.379697	5.633020

#1	1.463424	.0665054	.1919353
#2	1.325974	.0603360	.1752931
#3	1.306603	.0610714	.1735357

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2620.529	2719.603	66530.08	8106.843	4066.904
Stddev	11.793	35.854	209.13	414.530	63.479
%RSD	.4500198	1.318370	.3143333	5.113340	1.560862

#1	2607.317	2690.704	66341.65	7631.019	4021.936
#2	2629.992	2759.726	66493.51	8299.711	4139.517
#3	2624.278	2708.378	66755.08	8389.800	4039.259

Sample Name: J3028-08 Acquired: 5/24/2018 20:28:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1967048	-.011635	1.500146	-.100050	.0201040	130.7150
Stddev	.0060558	.003455	.006529	.002157	.0021274	.2025
%RSD	3.078651	29.69110	.4352303	2.156359	10.58189	.1549222

#1	.2009874	-.011759	1.493529	-.098479	.0183422	130.9483
#2	.1897762	-.008121	1.500325	-.099161	.0224674	130.6117
#3	.1993508	-.015027	1.506583	-.102510	.0195023	130.5851

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.547937	.0284964	.0121883	85.33266	.7164717	.2772901
Stddev	.004472	.0003040	.0002878	.21741	.0217952	.0016448
%RSD	.1755326	1.066707	2.361518	.2547765	3.042022	.5931756

#1	2.548385	.0284269	.0119154	85.21305	.7285688	.2773681
#2	2.552169	.0288290	.0121605	85.58361	.7295353	.2756077
#3	2.543258	.0282331	.0124890	85.20131	.6913109	.2788946

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3259250	679.9240	F 32.99415	19.67193	.1641648	-.015945
Stddev	.0027216	1.5892	.06516	.19462	.0008784	.002326
%RSD	.8350475	.2337250	.1975031	.9893167	.5350960	14.59003

#1	.3286157	681.4303	32.92341	19.85404	.1632016	-.017676
#2	.3231734	678.2633	33.00731	19.46685	.1643709	-.016859
#3	.3259858	680.0784	33.05173	19.69491	.1649218	-.013301

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.949589	.8285673	2.936849	6.578011	1.434777	.6338124
Stddev	.292106	.0073471	.075625	.043791	.005321	.0088993
%RSD	9.903279	.8867210	2.575051	.6657129	.3708568	1.404091

#1	3.203369	.8369081	2.974902	6.564326	1.428732	.6416671
#2	2.630286	.8230540	2.985889	6.542696	1.438749	.6241470
#3	3.015111	.8257399	2.849755	6.627009	1.436852	.6356229

Sample Name: J3028-08 Acquired: 5/24/2018 20:28:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATE6 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202812	5.518240	11.95155	.0263481	1.625365	.0792430
Stddev	.0003644	.010519	.01755	.0018520	.005829	.0009174
%RSD	1.796872	.1906191	.1468089	7.028810	.3586130	1.157651

#1	.0200249	5.508432	11.94567	.0271010	1.629674	.0800138
#2	.0206984	5.529349	11.93770	.0242383	1.618733	.0794868
#3	.0201203	5.516939	11.97128	.0277050	1.627689	.0782284

Elem	Sr4077
Units	ppm
Avg	.2661932
Stddev	.0002962
%RSD	.1112607

#1	.2660371
#2	.2660078
#3	.2665348

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2983.161	3019.499	76289.51	9585.559	3866.823
Stddev	68.968	5.437	1652.97	18.055	9.042
%RSD	2.311923	.1800512	2.166709	.1883541	.2338319

#1	2950.080	3021.023	75337.80	9595.116	3867.759
#2	2936.964	3024.010	75332.54	9596.826	3875.360
#3	3062.438	3013.463	78198.20	9564.734	3857.349

Sample Name: J3028-09 Acquired: 5/24/2018 20:32:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1554987	.0000491	.8987730	-.099970	.0174761	125.7178
Stddev	.0037446	.0070039	.0034333	.004652	.0006872	6.3674
%RSD	2.408099	14261.36	.3820009	4.653035	3.932374	5.064871

#1	.1554348	-.006792	.8961934	-.099730	.0176103	122.1081
#2	.1517865	-.000266	.9026699	-.104737	.0180863	121.9753
#3	.1592748	.007205	.8974557	-.095443	.0167316	133.0699

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.507499	.0296659	.0056888	49.78559	.8743941	.3089837
Stddev	.178325	.0011336	.0010812	2.46606	.0075752	.0005154
%RSD	5.084096	3.821119	19.00529	4.953363	.8663319	.1668004

#1	3.405628	.0289737	.0060910	48.31325	.8820982	.3084430
#2	3.403462	.0290499	.0065112	48.41093	.8741292	.3090387
#3	3.713407	.0309741	.0044641	52.63259	.8669549	.3094693

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1560299	697.5935	F 42.19360	9.573418	.1492692	-.017460
Stddev	.0102276	33.4127	2.15965	.535804	.0000731	.002910
%RSD	6.554920	4.789706	5.118430	5.596786	.0489685	16.66920

#1	.1477895	678.1898	40.98093	9.210579	.1492921	-.018874
#2	.1528236	678.4159	40.91283	9.320849	.1491874	-.019392
#3	.1674765	736.1750	44.68704	10.18883	.1493282	-.014112

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.197686	.8847297	1.067247	3.540660	.8383910	.6256973
Stddev	.121302	.0495235	.004867	.234227	.0003141	.0369074
%RSD	5.519519	5.597581	.4560167	6.615336	.0374620	5.898607

#1	2.138362	.8541055	1.064790	3.446565	.8385148	.5978524
#2	2.117464	.8582183	1.072853	3.368113	.8380339	.6116795
#3	2.337232	.9418651	1.064100	3.807302	.8386244	.6675599

Sample Name: J3028-09 Acquired: 5/24/2018 20:32:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162081	2.284673	6.962582	.0135844	1.033244	.0516216
Stddev	.0005054	.013154	.327402	.0014606	.060741	.0026922
%RSD	3.118461	.5757413	4.702306	10.75208	5.878666	5.215247

#1	.0167106	2.284459	6.790310	.0143161	1.005649	.0496851
#2	.0162139	2.271628	6.757284	.0145344	.991200	.0504837
#3	.0156998	2.297933	7.340152	.0119025	1.102884	.0546958

Elem	Sr4077
Units	ppm
Avg	.1879519
Stddev	.0097094
%RSD	5.165905

#1	.1823248
#2	.1823676
#3	.1991634

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3035.930	3124.589	77750.67	9618.582	3941.584
Stddev	25.986	7.490	328.07	384.014	6.651
%RSD	.8559428	.2397071	.4219479	3.992417	.1687419

#1	3055.899	3121.338	77744.91	9847.938	3949.206
#2	3006.550	3119.275	77425.52	9832.559	3936.959
#3	3045.341	3133.155	78081.58	9175.250	3938.586

Sample Name: J3028-10 Acquired: 5/24/2018 20:36:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2001590	-.017301	1.619785	-.095877	.0175429	138.7565
Stddev	.0059577	.005682	.081966	.004186	.0009783	.0564
%RSD	2.976472	32.84130	5.060326	4.366270	5.576781	.0406207

#1	.1981447	-.018143	1.621868	-.097761	.0185178	138.8121
#2	.2068627	-.022514	1.700690	-.098790	.0165612	138.7581
#3	.1954696	-.011245	1.536797	-.091080	.0175496	138.6994

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.776839	.0293092	.0126274	85.61015	.6559765	.3254197
Stddev	.003017	.0002407	.0016573	.14951	.0011000	.0158401
%RSD	.1086631	.8213549	13.12420	.1746357	.1676865	4.867595

#1	2.779756	.0295762	.0126642	85.75097	.6547754	.3246275
#2	2.777031	.0292427	.0142660	85.45326	.6569349	.3416410
#3	2.773730	.0291088	.0109521	85.62623	.6562192	.3099905

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3697601	647.2772	F 32.53179	18.19259	.1886906	-.019041
Stddev	.0057814	2.2250	.00626	.15912	.0092446	.000554
%RSD	1.563551	.3437402	.0192525	.8746659	4.899325	2.912008

#1	.3760380	649.6272	32.53892	18.26977	.1887660	-.018963
#2	.3685870	645.2030	32.52924	18.29840	.1978971	-.018529
#3	.3646551	647.0013	32.52720	18.00959	.1794085	-.019630

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.475729	.7926319	3.388646	6.328368	1.359636	.5917316
Stddev	.097987	.0020021	.015337	.060299	.065679	.0114262
%RSD	3.957923	.2525932	.4526003	.9528372	4.830595	1.930982

#1	2.579172	.7944480	3.404983	6.397851	1.361465	.5998725
#2	2.463710	.7904849	3.386395	6.289753	1.424381	.5786693
#3	2.384307	.7929628	3.374558	6.297499	1.293062	.5966529

Sample Name: J3028-10 Acquired: 5/24/2018 20:36:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203172	5.041756	7.812402	.0311714	1.411208	.0932195
Stddev	.0005971	.243459	.023709	.0020842	.006154	.0005192
%RSD	2.939041	4.828850	.3034775	6.686261	.4360958	.5569750

#1	.0207269	5.046925	7.837532	.0306009	1.404184	.0931980
#2	.0205927	5.282589	7.790431	.0334814	1.413790	.0927113
#3	.0196321	4.795754	7.809242	.0294318	1.415651	.0937491

Elem	Sr4077
Units	ppm
Avg	.3938072
Stddev	.0005793
%RSD	.1470917

#1	.3944079
#2	.3932521
#3	.3937616

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3033.111	3135.381	77786.81	9903.775	3892.808
Stddev	7.999	97.250	418.13	50.962	159.485
%RSD	.2637240	3.101683	.5375350	.5145713	4.096907

#1	3027.005	3126.885	77353.58	9845.131	3875.591
#2	3042.166	3042.658	77818.85	9937.313	3742.630
#3	3030.163	3236.600	78188.00	9928.881	4060.202

Sample Name: J3028-11 Acquired: 5/24/2018 20:40:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2156613	-.019990	1.459608	-.102326	.0191276	135.2404
Stddev	.0046377	.002387	.009436	.003704	.0008811	.4468
%RSD	2.150459	11.94224	.6464649	3.619480	4.606347	.3303955

#1	.2195231	-.017802	1.450304	-.098338	.0200352	135.5189
#2	.2169434	-.022536	1.459349	-.102982	.0182756	135.4772
#3	.2105174	-.019631	1.469170	-.105658	.0190720	134.7250

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.635929	.0284686	.0109950	78.70419	.7936731	.2775915
Stddev	.010387	.0001483	.0002138	.25824	.0300170	.0011396
%RSD	.3940686	.5210750	1.944949	.3281176	3.782037	.4105443

#1	2.638607	.0284484	.0108797	78.68117	.7814951	.2764365
#2	2.644715	.0283314	.0108635	78.97318	.7716587	.2776229
#3	2.624465	.0286260	.0112417	78.45823	.8278653	.2787151

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3006726	670.3976	F 30.57772	16.15802	.1703578	-.016972
Stddev	.0029094	2.3458	.00869	.03937	.0008905	.002786
%RSD	.9676182	.3499085	.0284242	.2436253	.5227057	16.41557

#1	.3037273	673.1034	30.57016	16.11459	.1698313	-.015245
#2	.3003560	668.9375	30.58722	16.16812	.1698562	-.015485
#3	.2979344	669.1519	30.57579	16.19135	.1713860	-.020187

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.533794	.8929389	2.594860	5.774682	1.264677	.6245539
Stddev	.034500	.0071749	.063777	.042117	.004179	.0048536
%RSD	1.361603	.8035160	2.457832	.7293398	.3304598	.7771290

#1	2.569003	.8992516	2.569277	5.821903	1.261735	.6249257
#2	2.500049	.8851358	2.547846	5.741000	1.262836	.6292109
#3	2.532329	.8944292	2.667457	5.761142	1.269461	.6195251

Sample Name: J3028-11 Acquired: 5/24/2018 20:40:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167299	3.969658	6.329698	.0292449	1.418911	.0858458
Stddev	.0003506	.013064	.011207	.0004436	.005549	.0006913
%RSD	2.095564	.3291004	.1770541	1.516670	.3910590	.8052217

#1	.0168681	3.955498	6.323287	.0288215	1.424996	.0862412
#2	.0163313	3.972235	6.323169	.0292070	1.417606	.0862486
#3	.0169904	3.981242	6.342638	.0297061	1.414131	.0850476

Elem	Sr4077
Units	ppm
Avg	.3782168
Stddev	.0012143
%RSD	.3210665

#1	.3795339
#2	.3779751
#3	.3771416

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3018.383	3037.228	77551.39	9513.334	3884.959
Stddev	68.854	17.547	1978.27	22.281	22.955
%RSD	2.281168	.5777277	2.550909	.2342070	.5908769

#1	3041.475	3050.683	78103.71	9489.177	3900.257
#2	3072.723	3043.621	79194.80	9517.747	3896.057
#3	2940.951	3017.381	75355.67	9533.079	3858.564

Sample Name: J3028-12 Acquired: 5/24/2018 20:44:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1115330	-.006360	1.218034	-.050757	.0212283	93.48183	2.302438
Stddev	.0037600	.002696	.013335	.003536	.0029565	.10515	.000787
%RSD	3.371161	42.38418	1.094786	6.967245	13.92721	.1124846	.0341729

#1	.1111708	-.008198	1.206202	-.051965	.0189074	93.40924	2.302167
#2	.1154610	-.003266	1.232484	-.053531	.0245569	93.60242	2.301822
#3	.1079673	-.007617	1.215417	-.046775	.0202205	93.43384	2.303324

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156286	.0081226	561.6364	.3474153	.1202077	.5177731	309.0361
Stddev	.0000692	.0003340	1.0002	.0006801	.0006653	.0040999	1.2284
%RSD	.4429437	4.112246	.1780942	.1957702	.5534331	.7918291	.3975047

#1	.0155488	.0077629	562.7899	.3482006	.1196021	.5194745	307.6194
#2	.0156650	.0084230	561.0090	.3470126	.1209198	.5207483	309.8065
#3	.0156721	.0081819	561.1104	.3470327	.1201013	.5130964	309.6823

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.21670	244.7484	.1550608	-.010755	1.564343	.3817968	3.089547
Stddev	.01674	.4740	.0028553	.000218	.254871	.0037762	.025344
%RSD	.1032426	.1936618	1.841379	2.030741	16.29253	.9890525	.8203206

#1	16.23268	244.2334	.1530900	-.010514	1.857519	.3807028	3.076522
#2	16.19929	245.1664	.1583352	-.010809	1.395507	.3786883	3.073364
#3	16.21812	244.8453	.1537574	-.010941	1.440002	.3859991	3.118755

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.603494	1.706025	.3021117	.0115423	8.195709	9.101487	.0265440
Stddev	.055374	.022085	.0092468	.0005190	.115784	.029775	.0010309
%RSD	.7282667	1.294528	3.060728	4.496036	1.412735	.3271475	3.883678

#1	7.550799	1.687963	.2949005	.0111325	8.086616	9.131209	.0254459
#2	7.598477	1.730647	.2988979	.0121258	8.317188	9.101594	.0274910
#3	7.661205	1.699465	.3125366	.0113687	8.183324	9.071659	.0266950

Sample Name: J3028-12 Acquired: 5/24/2018 20:44:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8628931	.0776016	.4782023
Stddev	.0084779	.0005307	.0005066
%RSD	.9824920	.6838726	.1059440

#1	.8596801	.0777908	.4781885
#2	.8725079	.0770023	.4777027
#3	.8564915	.0780118	.4787156

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2543.059	2628.699	65845.99	8597.451	3503.180
Stddev	6.668	28.173	152.51	36.163	43.073
%RSD	.2621900	1.071732	.2316171	.4206237	1.229532

#1	2543.679	2646.764	65684.20	8557.932	3538.914
#2	2549.395	2596.237	65866.65	8605.528	3455.353
#3	2536.103	2643.097	65987.11	8628.892	3515.272

Sample Name: J3028-13 Acquired: 5/24/2018 20:48:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1599614	.0034232	.7915437	-.081632	.0125987	96.78780
Stddev	.0120594	.0069712	.0242542	.003492	.0031635	.35178
%RSD	7.538925	203.6436	3.064162	4.277773	25.10963	.3634519

#1	.1713867	-.004624	.8192549	-.081003	.0155243	96.78233
#2	.1611425	.007609	.7812002	-.085395	.0092416	97.14228
#3	.1473549	.007284	.7741761	-.078496	.0130301	96.43879

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.969952	.0191849	.0033392	143.9137	.4942711	.2620657
Stddev	.004486	.0003172	.0008991	.0450	.0000587	.0087347
%RSD	.2277160	1.653291	26.92412	.0312718	.0118673	3.333007

#1	1.974519	.0190547	.0043626	143.8730	.4942802	.2721348
#2	1.965552	.0195465	.0026765	143.9061	.4942084	.2575358
#3	1.969787	.0189536	.0029786	143.9621	.4943246	.2565266

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1325676	464.0663	F 30.80703	66.86144	.1412591	-.015438
Stddev	.0046411	4.0905	.06259	.65579	.0049733	.000814
%RSD	3.500917	.8814459	.2031765	.9808157	3.520687	5.270876

#1	.1374972	464.2337	30.75681	66.86232	.1469318	-.015679
#2	.1282824	468.0706	30.78713	67.51679	.1391966	-.014531
#3	.1319232	459.8947	30.87716	66.20522	.1376489	-.016104

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.457527	.6008397	.7409495	3.729661	.8008134	.4124261
Stddev	.222505	.0069306	.0124368	.053803	.0267288	.0055166
%RSD	15.26592	1.153478	1.678492	1.442572	3.337711	1.337590

#1	1.374591	.5941667	.7360317	3.760415	.8316517	.4176861
#2	1.288401	.6003506	.7317237	3.761032	.7843085	.4129076
#3	1.709588	.6080019	.7550933	3.667535	.7864798	.4066845

Sample Name: J3028-13 Acquired: 5/24/2018 20:48:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEF1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128220	3.534289	3.976207	.0063279	.8352687	.0502516
Stddev	.0006662	.117647	.032964	.0006350	.0033303	.0006143
%RSD	5.195751	3.328726	.8290306	10.03428	.3987145	1.222461

#1	.0135911	3.670076	3.951938	.0070560	.8325216	.0504803
#2	.0124519	3.469892	4.013736	.0058894	.8343119	.0507188
#3	.0124231	3.462900	3.962947	.0060382	.8389728	.0495558

Elem	Sr4077
Units	ppm
Avg	.1922834
Stddev	.0000832
%RSD	.0432425

#1	.1923472
#2	.1921893
#3	.1923135

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2743.163	2793.049	70489.32	8975.229	3807.275
Stddev	11.397	71.069	366.74	81.524	114.033
%RSD	.4154581	2.544484	.5202793	.9083273	2.995128

#1	2752.749	2711.058	70911.09	9016.975	3675.783
#2	2746.177	2831.075	70245.53	8881.286	3867.037
#3	2730.562	2837.015	70311.34	9027.426	3879.005

Sample Name: J3028-14 Acquired: 5/24/2018 20:52:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEF2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1608354	-.014056	1.337233	-.098382	.0393489	123.4703	2.260196
Stddev	.0099361	.001915	.031984	.006578	.0015958	4.8314	.090524
%RSD	6.177775	13.62093	2.391840	6.686066	4.055412	3.913035	4.005125

#1	.1565200	-.015893	1.317032	-.094084	.0404868	117.9000	2.155857
#2	.1537868	-.012072	1.320558	-.095107	.0375248	125.9865	2.306924
#3	.1721996	-.014202	1.374110	-.105954	.0400351	126.5243	2.317807

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243241	.0090317	243.0929	.5968689	.2434414	.4738831	541.0615
Stddev	.0007096	.0004809	9.4749	.0024504	.0057902	.0185268	20.5227
%RSD	2.917352	5.324427	3.897654	.4105392	2.378466	3.909561	3.793038

#1	.0235093	.0093814	232.1709	.5993049	.2395886	.4527305	517.3742
#2	.0246556	.0084834	248.0010	.5944044	.2406358	.4872281	552.3027
#3	.0248072	.0092305	249.1069	.5968973	.2501000	.4816908	553.5076

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.45769	108.1553	.1944447	-.020087	2.143724	.6524046	2.145399
Stddev	1.03077	3.8319	.0049073	.001939	.076031	.0175605	.023319
%RSD	3.754035	3.543000	2.523735	9.650604	3.546687	2.691653	1.086931

#1	26.26945	103.7407	.1910623	-.022297	2.066530	.6324531	2.119617
#2	27.99222	110.1035	.1921988	-.019290	2.218536	.6592464	2.165017
#3	28.11140	110.6217	.2000730	-.018674	2.146107	.6655144	2.151562

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.577169	1.269346	.4730629	.0106229	3.626234	7.372409	.0441077
Stddev	.345773	.031171	.0289834	.0003880	.091420	.195683	.0010691
%RSD	5.257168	2.455709	6.126755	3.652470	2.521064	2.654257	2.423724

#1	6.178126	1.243452	.4398465	.0102077	3.548054	7.146774	.0438035
#2	6.765191	1.260642	.4932123	.0106846	3.603896	7.474816	.0432236
#3	6.788191	1.303945	.4861299	.0109763	3.726753	7.495637	.0452958

Sample Name: J3028-14 Acquired: 5/24/2018 20:52:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEF2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.023678	.0711172	.2440727
Stddev	.036094	.0031841	.0095059
%RSD	3.525902	4.477299	3.894683

#1	.982337	.0674637	.2331145
#2	1.039773	.0725867	.2490045
#3	1.048925	.0733011	.2500991

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2780.822	2864.443	71878.83	9392.578	3684.777
Stddev	16.726	50.101	128.89	273.173	76.714
%RSD	.6014614	1.749083	.1793129	2.908390	2.081920

#1	2789.177	2891.364	72006.50	9706.175	3732.350
#2	2791.725	2895.330	71881.23	9265.207	3725.703
#3	2761.565	2806.636	71748.75	9206.351	3596.278

Sample Name: J3028-15 Acquired: 5/24/2018 20:56:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEF3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1755453	-.005181	2.777686	-.083959	.0225342	127.3767	1.924665
Stddev	.0074914	.000350	.016166	.002452	.0008297	.2232	.002781
%RSD	4.267485	6.759358	.5820043	2.921011	3.682142	.1752571	.1445164

#1	.1670198	-.005542	2.759020	-.083833	.0234606	127.1359	1.921480
#2	.1785400	-.004842	2.787144	-.086472	.0218592	127.4176	1.926615
#3	.1810761	-.005160	2.786895	-.081572	.0222828	127.5767	1.925901

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0249035	.0135305	52.77862	.6427339	.2424810	.3237300	604.0123
Stddev	.0003506	.0001999	.02272	.0005688	.0016005	.0031533	2.9347
%RSD	1.407875	1.477147	.0430439	.0884931	.6600669	.9740608	.4858595

#1	.0249669	.0133924	52.79716	.6433173	.2407922	.3202112	601.1452
#2	.0252181	.0137597	52.75328	.6427034	.2439756	.3263000	603.8816
#3	.0245255	.0134394	52.78542	.6421809	.2426752	.3246788	607.0101

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.10985	10.47034	.1780204	-.018362	2.091623	.7189208	3.563210
Stddev	.04873	.09092	.0017012	.000438	.116750	.0033069	.021814
%RSD	.1940685	.8683206	.9555907	2.386867	5.581774	.4599849	.6122076

#1	25.11383	10.48860	.1763362	-.017857	2.181175	.7170736	3.557526
#2	25.15648	10.37169	.1797380	-.018647	2.134116	.7169502	3.544800
#3	25.05926	10.55075	.1779872	-.018581	1.959579	.7227387	3.587304

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.813384	1.180385	.5650752	.0105014	4.377992	7.143827	.0481061
Stddev	.011837	.008617	.0139845	.0001368	.023269	.020199	.0009964
%RSD	.1737345	.7299799	2.474803	1.302349	.5315063	.2827438	2.071167

#1	6.826815	1.170483	.5523854	.0106552	4.351249	7.157178	.0472951
#2	6.804471	1.186177	.5627718	.0103934	4.393613	7.153714	.0492183
#3	6.808865	1.184495	.5800684	.0104556	4.389115	7.120590	.0478047

Sample Name: J3028-15 Acquired: 5/24/2018 20:56:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATEF3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.351469	.0717702	.1888201
Stddev	.007491	.0004044	.0005442
%RSD	.5542841	.5634818	.2882159

#1	1.353287	.0713042	.1886910
#2	1.357883	.0719765	.1894173
#3	1.343236	.0720298	.1883521

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2896.261	2984.569	73911.63	9247.574	3974.912
Stddev	7.135	6.775	35.57	15.048	12.885
%RSD	.2463391	.2269933	.0481243	.1627263	.3241652

#1	2902.883	2990.351	73890.37	9255.299	3989.775
#2	2897.194	2986.242	73952.69	9230.232	3968.056
#3	2888.706	2977.115	73891.83	9257.190	3966.904

Sample Name: J3028-16 Acquired: 5/24/2018 21:00:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1655045	-.016359	.6816656	-.132501	.0205718	148.9725
Stddev	.0057911	.004584	.0117258	.005322	.0029305	.8048
%RSD	3.499048	28.01787	1.720177	4.016674	14.24520	.5402665

#1	.1720380	-.013932	.6918962	-.138044	.0220076	148.0502
#2	.1610042	-.021646	.6688694	-.132026	.0172003	149.3347
#3	.1634713	-.013500	.6842312	-.127432	.0225075	149.5325

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.596706	.0294112	.0023221	17.92420	.9159399	.3663568
Stddev	.002191	.0002431	.0010501	.10145	.0518536	.0034902
%RSD	.0843947	.8266846	45.22095	.5659778	5.661244	.9526817

#1	2.595419	.0293814	.0033275	17.87403	.9278647	.3697391
#2	2.595463	.0296678	.0012324	17.85761	.9607923	.3627679
#3	2.599237	.0291843	.0024064	18.04096	.8591627	.3665632

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0845198	F 851.4839	F 37.29553	5.704414	.1470545	-.025413
Stddev	.0029090	8.9738	.04854	.115594	.0019372	.006729
%RSD	3.441848	1.053906	.1301621	2.026396	1.317331	26.47904

#1	.0811686	841.6574	37.26096	5.572177	.1491287	-.028319
#2	.0859961	859.2450	37.27461	5.786253	.1452922	-.030201
#3	.0863946	853.5494	37.35103	5.754811	.1467427	-.017719

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.711044	1.096059	.4443096	3.154351	.5771125	.7575315
Stddev	.091646	.007544	.0391661	.066985	.0049771	.0199375
%RSD	3.380456	.6882694	8.815039	2.123586	.8624226	2.631908

#1	2.702387	1.089748	.4465664	3.159570	.5820487	.7355830
#2	2.624034	1.104414	.4822985	3.218574	.5720954	.7745227
#3	2.806711	1.094014	.4040640	3.084908	.5771936	.7624888

Sample Name: J3028-16 Acquired: 5/24/2018 21:00:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEF4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126196	.7153353	5.940802	.0039000	.9546176	.0383530
Stddev	.0001955	.0108074	.011750	.0017832	.0101572	.0005507
%RSD	1.548782	1.510819	.1977781	45.72383	1.064006	1.435877

#1	.0125270	.7267184	5.932068	.0036884	.9429053	.0386775
#2	.0124876	.7052144	5.954160	.0022320	.9610078	.0386644
#3	.0128441	.7140732	5.936176	.0057796	.9599398	.0377171

Elem	Sr4077
Units	ppm
Avg	.1047996
Stddev	.0002571
%RSD	.2452954

#1	.1046985
#2	.1046085
#3	.1050919

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2865.228	2904.039	73678.94	9077.738	3915.977
Stddev	138.071	16.699	3010.58	14.770	38.999
%RSD	4.818837	.5750244	4.086080	.1627014	.9959016

#1	2813.587	2888.159	72704.18	9088.805	3875.380
#2	2760.421	2921.451	71276.51	9083.441	3953.153
#3	3021.675	2902.506	77056.13	9060.966	3919.398

Sample Name: CCV081 Acquired: 5/24/2018 21:04:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.157857	5.090789	25.30328	5.110205	5.232439	413.6416
Stddev	.010309	.043749	.11309	.023087	.026488	3.3138
%RSD	.1998604	.8593757	.4469443	.4517738	.5062211	.8011328

#1	5.147783	5.059639	25.23996	5.085679	5.216406	417.4386
#2	5.168385	5.071923	25.23602	5.113419	5.217899	412.1542
#3	5.157401	5.140806	25.43384	5.131516	5.263012	411.3321

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.52619	.5471970	2.501788	407.8235	15.64399	2.506928
Stddev	.10325	.0052496	.010946	4.8303	.01899	.012762
%RSD	.9809257	.9593626	.4375087	1.184400	.1214163	.5090710

#1	10.64266	.5532113	2.498810	413.3082	15.65007	2.503211
#2	10.49002	.5448449	2.492639	405.9587	15.65920	2.496437
#3	10.44589	.5435347	2.513914	404.2037	15.62270	2.521136

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.51190	417.4495	15.07549	421.8662	2.535578	1.254360
Stddev	.15648	3.1414	.20831	3.5601	.010110	.004946
%RSD	1.008776	.7525294	1.381799	.8438937	.3987393	.3942654

#1	15.69235	420.9672	15.31408	425.9660	2.529768	1.253097
#2	15.42982	416.4574	14.98262	420.0771	2.529713	1.259814
#3	15.41354	414.9239	14.92976	419.5554	2.547252	1.250168

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	417.4285	2.646923	14.76377	160.7096	F 6.706124	F 5.519154
Stddev	3.2151	.021240	.11133	1.5020	.025077	.051864
%RSD	.7702210	.8024350	.7541054	.9346166	.3739409	.9397134

#1	421.1082	2.662933	14.85751	162.4123	6.685082	5.578137
#2	416.0149	2.655007	14.64071	160.1438	6.699418	5.498646
#3	415.1623	2.622828	14.79307	159.5727	6.733872	5.480680

Sample Name: CCV081 Acquired: 5/24/2018 21:04:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV081 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.091259	5.521125	5.332226	5.176574	5.268050	5.244358
Stddev	.013656	.045366	.048062	.021887	.044511	.046535
%RSD	.2682188	.8216729	.9013481	.4228127	.8449284	.8873407

#1	5.079729	5.492180	5.381954	5.159883	5.316266	5.294726
#2	5.087708	5.497786	5.328699	5.168484	5.259358	5.235388
#3	5.106339	5.573408	5.286024	5.201354	5.228526	5.202961

Elem	Sr4077
Units	ppm
Avg	5.233735
Stddev	.075065
%RSD	1.434247

#1	5.318400
#2	5.207485
#3	5.175321

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2148.576	2179.657	56155.33	7327.573	3279.722
Stddev	14.546	2.625	78.13	60.639	7.448
%RSD	.6770136	.1204372	.1391315	.8275507	.2270931

#1	2153.754	2182.525	56178.14	7257.638	3279.839
#2	2159.825	2179.072	56219.51	7359.543	3287.111
#3	2132.149	2177.374	56068.33	7365.536	3272.216

Sample Name: CCB081 Acquired: 5/24/2018 21:08:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021280	.0043524	-.001262	.0019502	-.001762	-.004070	-.001773
Stddev	.0014905	.0024531	.001244	.0028222	.002011	.001890	.000593
%RSD	70.04082	56.36081	98.51958	144.7165	114.0893	46.43214	33.43379

#1	.0031391	.0036967	-.002314	.0028391	-.000062	-.006251	-.001186
#2	.0028285	.0070668	-.001583	-.001209	-.003982	-.002920	-.001762
#3	.0004163	.0022939	.000110	.004221	-.001244	-.003039	-.002371

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000182	.0000408	.0182164	-.000296	.0001193	.0006258	.0096594
Stddev	.0000200	.0001210	.0165378	.000314	.0001427	.0019184	.0139318
%RSD	110.0012	296.8276	90.78526	106.0871	119.6046	306.5686	144.2308

#1	.0000393	-.000061	.0288731	-.000649	.0002646	.0016440	.0253020
#2	-.000001	.000009	.0266112	-.000196	.0001137	.0018203	-.001414
#3	.000016	.000175	-.000835	-.000044	-.000021	-.001587	.005090

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004979	.0383302	.0007899	.0010485	-.281560	.0023336	-.010109
Stddev	.0002148	.0351005	.0001252	.0003560	.103176	.0015593	.003330
%RSD	43.14797	91.57405	15.85385	33.95752	36.64426	66.82066	32.94276

#1	.0004120	.0343753	.0008715	.0013921	-.355196	.0030271	-.013905
#2	.0003393	.0053746	.0006457	.0010720	-.163634	.0005478	-.008742
#3	.0007424	.0752406	.0008523	.0006812	-.325850	.0034258	-.007680

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.193652	-.001181	-.001070	.0004883	.0240323	-.004724	-.000920
Stddev	.052536	.000024	.000871	.0001479	.0028274	.000910	.000054
%RSD	27.12890	2.046425	81.35785	30.28669	11.76515	19.25987	5.877142

#1	-.218917	-.001208	-.000439	.0003304	.0243274	-.005642	-.000978
#2	-.133257	-.001172	-.000708	.0006235	.0210689	-.003822	-.000870
#3	-.228781	-.001162	-.002064	.0005109	.0267007	-.004709	-.000911

Sample Name: CCB081 Acquired: 5/24/2018 21:08:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005240	.0020729	.0000616
Stddev	.0017667	.0002978	.0000471
%RSD	337.1160	14.36747	76.44856

#1	.0025539	.0024117	.0000209
#2	-.000666	.0018527	.0000507
#3	-.000315	.0019542	.0001132

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2553.957	2641.091	64386.55	7750.158	4389.468
Stddev	1.009	4.843	168.38	199.326	7.891
%RSD	.0394976	.1833719	.2615104	2.571894	.1797605

#1	2552.793	2646.675	64340.47	7826.350	4391.179
#2	2554.502	2638.564	64246.01	7523.975	4396.363
#3	2554.577	2638.034	64573.17	7900.150	4380.862

Sample Name: J3027-13 Acquired: 5/24/2018 21:12:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1841926	-.013908	8.158818	-.140279	.0244926	150.9454
Stddev	.0051465	.003492	.066433	.002440	.0020024	.2392
%RSD	2.794087	25.10739	.8142475	1.739307	8.175612	.1584816

#1	.1801034	-.010268	8.102900	-.137739	.0229318	151.1800
#2	.1899715	-.017230	8.141300	-.140495	.0267503	150.7018
#3	.1825029	-.014226	8.232255	-.142604	.0237956	150.9544

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.618924	.0320527	.0175152	115.2378	.8129614	.3354926
Stddev	.006227	.0002915	.0006582	.3671	.0023815	.0029312
%RSD	.1348124	.9093972	3.758153	.3185917	.2929371	.8736987

#1	4.625691	.0322685	.0169151	115.6138	.8133609	.3332111
#2	4.613436	.0317211	.0174111	114.8802	.8104054	.3344683
#3	4.617645	.0321685	.0182192	115.2196	.8151179	.3387985

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4160218	F 855.1358	F 44.98308	14.18421	.2208314	-.024323
Stddev	.0027977	2.6548	.09307	.08794	.0021507	.000982
%RSD	.6724857	.3104522	.2069067	.6199549	.9739187	4.037827

#1	.4129136	858.0598	45.07216	14.23745	.2193533	-.025162
#2	.4183382	852.8765	44.99062	14.08272	.2198421	-.024566
#3	.4168137	854.4713	44.88647	14.23248	.2232987	-.023243

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.170545	.9478627	4.497330	9.594861	3.296685	.7679904
Stddev	.166810	.0070609	.025034	.093173	.031908	.0186517
%RSD	5.261233	.7449242	.5566444	.9710739	.9678847	2.428642

#1	2.979070	.9559789	4.471546	9.700824	3.273298	.7709021
#2	3.284409	.9431327	4.521540	9.558007	3.283723	.7850150
#3	3.248157	.9444765	4.498903	9.525751	3.333035	.7480540

Sample Name: J3027-13 Acquired: 5/24/2018 21:12:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161070	6.468587	4.037617	.0474892	1.326235	.0850995
Stddev	.0003303	.049174	.062330	.0011180	.002495	.0013762
%RSD	2.050930	.7601931	1.543726	2.354265	.1881550	1.617187

#1	.0158210	6.433463	4.091583	.0463024	1.328185	.0837413
#2	.0160315	6.447513	3.969394	.0476428	1.323423	.0864930
#3	.0164686	6.524786	4.051875	.0485226	1.327097	.0850641

Elem	Sr4077
Units	ppm
Avg	.3895442
Stddev	.0008446
%RSD	.2168110

#1	.3903017
#2	.3896974
#3	.3886335

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2926.196	2999.520	75505.34	9591.552	3819.582
Stddev	12.022	19.426	51.77	61.336	32.403
%RSD	.4108363	.6476373	.0685613	.6394768	.8483285

#1	2920.353	3015.342	75485.48	9522.271	3848.019
#2	2918.212	3005.379	75564.10	9638.925	3826.420
#3	2940.022	2977.839	75466.44	9613.461	3784.306

Sample Name: J3027-14 Acquired: 5/24/2018 21:16:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MATH0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1791740	-.018208	.7323385	-.147080	.0241078	168.7805
Stddev	.0102107	.003503	.0047032	.004858	.0022042	.1769
%RSD	5.698754	19.23935	.6422112	3.303066	9.143015	.1047955

#1	.1909530	-.017763	.7279764	-.141486	.0254434	168.9298
#2	.1737331	-.021912	.7317179	-.150237	.0253163	168.5852
#3	.1728361	-.014948	.7373211	-.149518	.0215637	168.8266

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.309241	.0342771	.0057647	19.45730	.8746046	.3246703
Stddev	.003959	.0000432	.0001771	.10386	.0019896	.0021711
%RSD	.1714422	.1260463	3.071870	.5337762	.2274886	.6687144

#1	2.313781	.0343249	.0059447	19.57077	.8726571	.3238077
#2	2.306511	.0342409	.0055906	19.43418	.8766338	.3230631
#3	2.307430	.0342654	.0057588	19.36695	.8745228	.3271402

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0828551	F 933.2622	F 39.11950	6.830122	.1786441	-.030347
Stddev	.0013977	1.5768	.15262	.121834	.0017832	.000499
%RSD	1.686901	.1689551	.3901489	1.783781	.9981985	1.644920

#1	.0844584	935.0820	39.14653	6.947421	.1781808	-.030799
#2	.0822128	932.4025	38.95517	6.704209	.1771383	-.029811
#3	.0818939	932.3021	39.25681	6.838735	.1806133	-.030432

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.321106	1.112083	.9039055	5.421658	1.555752	.8188452
Stddev	.143838	.002488	.0033895	.032679	.007531	.0073229
%RSD	4.331034	.2237251	.3749893	.6027486	.4840577	.8942994

#1	3.157957	1.111798	.9076539	5.413233	1.559331	.8259580
#2	3.429628	1.114701	.9030068	5.457725	1.547099	.8192487
#3	3.375733	1.109749	.9010559	5.394017	1.560825	.8113288

Sample Name: J3027-14 Acquired: 5/24/2018 21:16:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178726	1.145064	2.941935	.0125587	.9529532	.0519679
Stddev	.0001081	.006209	.005571	.0016052	.0050450	.0007145
%RSD	.6046920	.5422731	.1893813	12.78127	.5294043	1.374975

#1	.0177618	1.146071	2.937764	.0107514	.9587638	.0526558
#2	.0179778	1.138412	2.948262	.0131061	.9504072	.0520185
#3	.0178782	1.150708	2.939777	.0138185	.9496886	.0512294

Elem	Sr4077
Units	ppm
Avg	.1089292
Stddev	.0004140
%RSD	.3800255

#1	.1084961
#2	.1089706
#3	.1093209

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2914.528	3041.603	75134.84	9493.393	3928.650
Stddev	13.276	7.396	172.75	5.776	17.007
%RSD	.4554987	.2431556	.2299184	.0608389	.4329016

#1	2900.902	3046.550	75104.90	9489.304	3935.328
#2	2915.260	3045.158	74979.02	9500.000	3941.304
#3	2927.423	3033.101	75320.60	9490.874	3909.317

Sample Name: J3027-15 Acquired: 5/24/2018 21:20:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEH1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2280384	-.030505	1.536721	-.161509	.0258594	162.4816
Stddev	.0022299	.002341	.012690	.006827	.0019277	1.0552
%RSD	.9778613	7.673278	.8258053	4.227018	7.454586	.6493997

#1	.2305403	-.033132	1.522863	-.155449	.0279382	163.2626
#2	.2262604	-.028640	1.547774	-.160172	.0255092	162.9010
#3	.2273143	-.029744	1.539526	-.168905	.0241308	161.2812

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.285372	.0369680	.0142505	58.77950	1.033230	.3343241
Stddev	.004356	.0000881	.0006848	.26109	.068006	.0032520
%RSD	.1326018	.2384137	4.805353	.4441822	6.581863	.9727023

#1	3.289804	.0370681	.0135402	58.98199	.993671	.3317514
#2	3.285217	.0369336	.0143049	58.87169	.994265	.3379793
#3	3.281095	.0369022	.0149065	58.48483	1.111756	.3332415

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2460610	F 985.8944	F 41.07175	9.124694	.2247091	-.037227
Stddev	.0036464	10.6492	.14109	.135923	.0014886	.007432
%RSD	1.481897	1.080154	.3435214	1.489612	.6624544	19.96371

#1	.2477894	993.1400	41.06017	9.201807	.2230266	-.033975
#2	.2485218	990.8757	40.93681	9.204522	.2258551	-.031975
#3	.2418718	973.6675	41.21828	8.967752	.2252456	-.045730

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.628961	1.143612	3.266434	7.757982	2.475162	^ *****
Stddev	.176945	.020529	.185181	.063241	.030794	-----
%RSD	4.875926	1.795133	5.669225	.8151764	1.244107	-----

#1	3.430362	1.155402	3.146298	7.816863	2.439896	.8662917
#2	3.686683	1.155526	3.173310	7.691135	2.496729	.8554216
#3	3.769836	1.119906	3.479693	7.765947	2.488862	^ -----

Sample Name: J3027-15 Acquired: 5/24/2018 21:20:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEH1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190853	3.566651	3.890497	.0369181	1.357175	.0708168
Stddev	.0002417	.040474	.076725	.0012256	.014259	.0004511
%RSD	1.266590	1.134777	1.972120	3.319754	1.050666	.6369781

#1	.0188178	3.522210	3.942365	.0379871	1.360892	.0711699
#2	.0191503	3.601397	3.802361	.0355805	1.369208	.0709719
#3	.0192880	3.576346	3.926763	.0371868	1.341425	.0703087

Elem	Sr4077
Units	ppm
Avg	.2559534
Stddev	.0005643
%RSD	.2204636

#1	.2559633
#2	.2553842
#3	.2565126

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2920.082	3122.689	75291.67	9749.051	3886.470
Stddev	130.937	16.763	3543.13	94.387	22.814
%RSD	4.484012	.5368047	4.705869	.9681697	.5870100

#1	3003.916	3141.207	77332.23	9659.225	3912.729
#2	2987.130	3118.309	77342.36	9740.509	3871.509
#3	2769.200	3108.551	71200.43	9847.419	3875.174

Sample Name: J3027-16 Acquired: 5/24/2018 21:24:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEH2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1765791	-.007414	1.508545	-.097357	.0163315	132.4496
Stddev	.0051675	.005907	.018541	.004607	.0031383	.3331
%RSD	2.926433	79.67641	1.229095	4.732516	19.21649	.2515050

#1	.1760172	-.013556	1.506955	-.096318	.0181264	132.7939
#2	.1820046	-.001774	1.490850	-.093358	.0127077	132.1290
#3	.1717156	-.006911	1.527830	-.102396	.0181603	132.4261

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.413127	.0273972	.0165913	53.66135	.5661341	.2572454
Stddev	.006785	.0003238	.0002338	.24396	.0021133	.0039060
%RSD	.2811739	1.181819	1.409314	.4546349	.3732846	1.518390

#1	2.418292	.0276910	.0164610	53.48680	.5669311	.2570748
#2	2.415647	.0270501	.0164516	53.55714	.5637382	.2534275
#3	2.405443	.0274506	.0168612	53.94011	.5677330	.2612339

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4245112	631.0633	F 32.90635	11.64184	.1880563	-.018103
Stddev	.0035915	4.2253	.07792	.12509	.0019187	.000507
%RSD	.8460360	.6695542	.2367830	1.074529	1.020283	2.797888

#1	.4204088	631.6455	32.82744	11.62238	.1872275	-.017600
#2	.4260367	626.5772	32.98324	11.52761	.1866912	-.018613
#3	.4270882	634.9674	32.90836	11.77552	.1902501	-.018096

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.974844	.7347235	4.185202	7.086999	1.353929	.5586198
Stddev	.047342	.0098834	.054189	.029077	.018015	.0015635
%RSD	1.591415	1.345180	1.294778	.4102844	1.330574	.2798868

#1	3.019935	.7373011	4.166209	7.093733	1.351325	.5577705
#2	2.925533	.7238068	4.246330	7.112119	1.337357	.5576648
#3	2.979062	.7430627	4.143065	7.055146	1.373104	.5604242

Sample Name: J3027-16 Acquired: 5/24/2018 21:24:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEH2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117775	5.351658	4.327187	.0366865	1.326978	.0855492
Stddev	.0001420	.075798	.029907	.0009177	.011436	.0014386
%RSD	1.205236	1.416338	.6911370	2.501479	.8618282	1.681636

#1	.0117165	5.339805	4.298936	.0358883	1.329858	.0863427
#2	.0116762	5.282486	4.324112	.0364821	1.314378	.0838885
#3	.0119397	5.432684	4.358512	.0376892	1.336700	.0864163

Elem	Sr4077
Units	ppm
Avg	.1780090
Stddev	.0007238
%RSD	.4066314

#1	.1784236
#2	.1784302
#3	.1771732

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2995.135	3087.350	76833.23	9592.883	3955.288
Stddev	34.668	18.416	410.95	13.172	39.159
%RSD	1.157489	.5964856	.5348597	.1373150	.9900361

#1	2996.414	3086.962	76677.43	9580.473	3958.634
#2	2959.845	3105.956	76522.97	9606.704	3992.666
#3	3029.146	3069.131	77299.30	9591.472	3914.563

Sample Name: J3027-17 Acquired: 5/24/2018 21:28:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEH3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1657676	-.006112	.7651492	-.135219	.0201692	153.2087
Stddev	.0068061	.002802	.0170233	.001305	.0015662	.2233
%RSD	4.105802	45.84514	2.224839	.9651104	7.765175	.1457648

#1	.1604456	-.003112	.7456481	-.136362	.0207615	153.3623
#2	.1634205	-.008662	.7727608	-.135498	.0183933	153.3112
#3	.1734366	-.006563	.7770386	-.133797	.0213529	152.9525

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.745226	.0308102	.0017861	10.47350	.7135869	.3634324
Stddev	.005878	.0002478	.0007127	.08648	.0007512	.0088159
%RSD	.2141185	.8042395	39.90219	.8256992	.1052646	2.425727

#1	2.749249	.0310063	.0009722	10.52837	.7140644	.3536178
#2	2.747947	.0305317	.0020878	10.51832	.7139753	.3660000
#3	2.738480	.0308926	.0022983	10.37381	.7127211	.3706794

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0672795	F 884.2356	F 41.67161	5.861948	.1369754	-.028089
Stddev	.0026374	1.5364	.13343	.081797	.0040269	.000838
%RSD	3.920063	.1737514	.3202000	1.395384	2.939834	2.982123

#1	.0652280	882.6989	41.82352	5.816297	.1325789	-.029030
#2	.0702544	884.2362	41.61792	5.956381	.1378627	-.027815
#3	.0663560	885.7716	41.57338	5.813165	.1404846	-.027423

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.053998	1.086874	.4878125	3.214675	.5774707	.7609505
Stddev	.250230	.004258	.0093239	.015718	.0149019	.0117439
%RSD	8.193532	.3917432	1.911373	.4889326	2.580543	1.543319

#1	3.187206	1.091566	.4933850	3.200122	.5611895	.7501048
#2	2.765342	1.085799	.4770484	3.231343	.5807887	.7734230
#3	3.209446	1.083257	.4930041	3.212560	.5904339	.7593238

Sample Name: J3027-17 Acquired: 5/24/2018 21:28:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEH3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106862	.7522891	2.750636	.0039300	.7928597	.0417636
Stddev	.0007416	.0299463	.017432	.0014056	.0079085	.0003548
%RSD	6.939883	3.980690	.6337271	35.76651	.9974620	.8495049

#1	.0099398	.7177155	2.767155	.0052145	.8010577	.0421725
#2	.0114229	.7690431	2.752336	.0041472	.7922446	.0415377
#3	.0106959	.7701086	2.732417	.0024285	.7852767	.0415804

Elem	Sr4077
Units	ppm
Avg	.0835676
Stddev	.0001497
%RSD	.1791379

#1	.0836649
#2	.0836426
#3	.0833952

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2926.472	3071.026	74666.27	9304.327	4061.178
Stddev	5.963	42.206	146.34	75.572	73.468
%RSD	.2037557	1.374341	.1959965	.8122272	1.809036

#1	2927.237	3116.263	74657.36	9217.781	4141.148
#2	2932.016	3064.108	74816.86	9357.275	4045.711
#3	2920.164	3032.705	74524.58	9337.923	3996.674

Sample Name: J3027-18 Acquired: 5/24/2018 21:32:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEH4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1610576	-.003206	1.006514	-.088960	.0212076	142.1929
Stddev	.0015723	.003638	.009211	.005870	.0014773	.6072
%RSD	.9762338	113.5014	.9151383	6.598356	6.965764	.4270549

#1	.1621866	.000435	1.005860	-.083757	.0218382	142.2958
#2	.1617245	-.006842	1.016035	-.087800	.0222648	142.7422
#3	.1592618	-.003209	.997648	-.095323	.0195196	141.5409

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.641133	.0282304	.1050940	28.00905	.6058696	.2750205
Stddev	.005165	.0001982	.0011253	.01816	.0011490	.0022075
%RSD	.1955484	.7021615	1.070717	.0648365	.1896508	.8026750

#1	2.643349	.0280113	.1051277	27.99570	.6048778	.2746426
#2	2.635230	.0283973	.1062020	28.02973	.6071287	.2773926
#3	2.644820	.0282826	.1039522	28.00172	.6056023	.2730263

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2125429	659.7165	F 38.79560	7.635520	.1560449	-.019099
Stddev	.0020933	5.8511	.18096	.166423	.0023001	.000687
%RSD	.9848877	.8869062	.4664400	2.179594	1.474009	3.597424

#1	.2130975	659.1362	38.95842	7.625263	.1558283	-.019615
#2	.2102281	665.8361	38.82760	7.806835	.1584457	-.018319
#3	.2143031	654.1772	38.60078	7.474463	.1538608	-.019363

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.047243	.8504079	1.921168	4.191840	.7500983	.6663175
Stddev	.087388	.0062474	.028436	.011510	.0048954	.0096142
%RSD	2.867779	.7346345	1.480134	.2745864	.6526343	1.442881

#1	2.946871	.8544495	1.930749	4.183905	.7503791	.6743626
#2	3.088440	.8535619	1.889179	4.205041	.7548472	.6689199
#3	3.106417	.8432123	1.943575	4.186572	.7450685	.6556701

Sample Name: J3027-18 Acquired: 5/24/2018 21:32:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEH4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133291	2.396287	5.220609	.0226652	1.132500	.0641318
Stddev	.0003729	.008523	.054937	.0011746	.010891	.0006423
%RSD	2.797732	.3556607	1.052310	5.182423	.9616732	1.001579

#1	.0136296	2.387588	5.283478	.0228133	1.132542	.0633974
#2	.0129118	2.404622	5.196509	.0214236	1.143370	.0645891
#3	.0134460	2.396651	5.181842	.0237587	1.121588	.0644087

Elem	Sr4077
Units	ppm
Avg	.1326363
Stddev	.0002462
%RSD	.1856312

#1	.1328616
#2	.1326738
#3	.1323735

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3049.671	3154.515	78124.54	9736.559	3999.801
Stddev	3.942	22.618	142.91	79.979	24.047
%RSD	.1292655	.7170146	.1829264	.8214249	.6012007

#1	3047.876	3180.249	78275.91	9737.465	4022.596
#2	3046.947	3137.787	77991.94	9656.132	3974.672
#3	3054.192	3145.509	78105.76	9816.081	4002.134

Sample Name: J3027-19 Acquired: 5/24/2018 21:36:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1632167	.0008657	.9341831	-.089917	.0134841	146.2012
Stddev	.0017357	.0066807	.0176701	.005368	.0017484	5.7544
%RSD	1.063415	771.6606	1.891505	5.970202	12.96602	3.935938

#1	.1644617	-.006825	.9460336	-.096105	.0140030	141.6962
#2	.1612340	.004194	.9426420	-.087134	.0149143	152.6835
#3	.1639543	.005228	.9138735	-.086511	.0115351	144.2238

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.293982	.0270536	.0070681	27.66001	.6171023	.2707849
Stddev	.087872	.0009967	.0008327	1.06659	.0064236	.0047226
%RSD	3.830563	3.684127	11.78125	3.856077	1.040927	1.744025

#1	2.231306	.0263207	.0079503	26.87424	.6188770	.2741113
#2	2.394424	.0281885	.0062957	28.87420	.6099780	.2728639
#3	2.256215	.0266516	.0069584	27.23159	.6224520	.2653796

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2248135	649.6009	F 38.80014	7.366480	.1575348	-.016486
Stddev	.0096289	24.7457	1.46315	.309589	.0032757	.001815
%RSD	4.283055	3.809365	3.770981	4.202667	2.079358	11.00820

#1	.2182081	629.4366	37.81297	7.103156	.1602571	-.018193
#2	.2358616	677.2158	40.48112	7.707523	.1584480	-.014580
#3	.2203707	642.1502	38.10632	7.288760	.1538994	-.016686

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.123881	.8367210	1.702731	4.480505	.7436298	.5842818
Stddev	.199037	.0312221	.009874	.300013	.0141521	.0361600
%RSD	9.371376	3.731487	.5799106	6.695961	1.903110	6.188788

#1	2.112434	.8117310	1.705739	4.277791	.7496651	.5578425
#2	2.328395	.8717204	1.710752	4.825148	.7537637	.6254883
#3	1.930815	.8267118	1.691703	4.338577	.7274607	.5695145

Sample Name: J3027-19 Acquired: 5/24/2018 21:36:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEH5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138854	2.286798	4.546779	.0192166	1.043865	.0666828
Stddev	.0004977	.044239	.141689	.0017006	.035833	.0026214
%RSD	3.584401	1.934532	3.116254	8.849538	3.432703	3.931193

#1	.0140458	2.311088	4.506323	.0184285	1.021854	.0645339
#2	.0142831	2.313571	4.704296	.0211683	1.085212	.0696035
#3	.0133273	2.235736	4.429717	.0180531	1.024528	.0659110

Elem	Sr4077
Units	ppm
Avg	.1372880
Stddev	.0052396
%RSD	3.816500

#1	.1335426
#2	.1432756
#3	.1350458

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3008.470	3167.779	77294.49	9553.381	4038.006
Stddev	27.948	41.718	275.90	319.710	55.887
%RSD	.9289629	1.316960	.3569486	3.346563	1.384029

#1	2982.845	3145.465	76997.90	9805.124	4004.826
#2	3004.294	3141.962	77342.05	9193.664	4006.661
#3	3038.270	3215.909	77543.53	9661.355	4102.530

Sample Name: J3027-20 Acquired: 5/24/2018 21:40:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEH6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1559961	-.016497	1.001776	-.114197	.0216397	131.4905	1.775888
Stddev	.0071064	.005081	.024248	.006190	.0014231	.2812	.003131
%RSD	4.555489	30.79801	2.420549	5.420621	6.576363	.2138796	.1763334

#1	.1641746	-.010961	.983940	-.112104	.0213120	131.3381	1.775170
#2	.1513286	-.017585	.992002	-.109324	.0231982	131.8151	1.773178
#3	.1524850	-.020946	1.029386	-.121162	.0204091	131.3184	1.779316

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0280231	.0098122	41.27319	.7139006	.2474924	.2661782	752.5343
Stddev	.0002408	.0011088	.07956	.0017766	.0058504	.0041647	4.2969
%RSD	.8591961	11.30028	.1927630	.2488564	2.363866	1.564640	.5709879

#1	.0278153	.0092184	41.23016	.7157567	.2444664	.2617782	753.9327
#2	.0282870	.0091268	41.36500	.7122160	.2437748	.2700589	755.9577
#3	.0279671	.0110915	41.22442	.7137290	.2542360	.2666975	747.7124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.83396	10.15395	.1621156	-.020083	2.313435	.9119298	2.376885
Stddev	.08336	.08964	.0033737	.001536	.160313	.0090029	.004134
%RSD	.2891058	.8827803	2.081023	7.646917	6.929648	.9872372	.1739319

#1	28.86401	10.07210	.1603785	-.020099	2.242489	.9223153	2.376199
#2	28.73974	10.24974	.1599644	-.018539	2.200837	.9071347	2.373136
#3	28.89813	10.14002	.1660038	-.021611	2.496980	.9063393	2.381319

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.350236	1.619387	.6635928	.0107673	4.111165	4.485695	.0606842
Stddev	.018366	.040333	.0104421	.0003921	.116318	.033455	.0014477
%RSD	.2892180	2.490659	1.573569	3.641704	2.829322	.7458078	2.385704

#1	6.332722	1.608874	.6745466	.0103151	4.073803	4.478961	.0590130
#2	6.369349	1.585351	.6537515	.0110129	4.018119	4.456120	.0615549
#3	6.348638	1.663936	.6624801	.0109738	4.241573	4.522005	.0614846

Sample Name: J3027-20 Acquired: 5/24/2018 21:40:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATEH6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.085278	.0604430	.1391534
Stddev	.002336	.0006910	.0003320
%RSD	.2152409	1.143236	.2385490

#1	1.087973	.0598865	.1392039
#2	1.084040	.0612164	.1387991
#3	1.083822	.0602259	.1394572

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2936.557	3010.764	74939.38	9395.833	3977.504
Stddev	13.375	48.582	134.14	14.036	76.014
%RSD	.4554801	1.613624	.1789933	.1493812	1.911098

#1	2945.542	3044.042	74845.95	9410.393	4028.639
#2	2942.944	3033.236	75093.08	9394.719	4013.718
#3	2921.185	2955.014	74879.12	9382.388	3890.154

Sample Name: J3027-21 Acquired: 5/24/2018 21:43:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEH7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1490042	-.015150	.7254112	-.152622	.0248381	173.2604
Stddev	.0026694	.005732	.0048060	.005129	.0008643	6.0076
%RSD	1.791479	37.83369	.6625180	3.360655	3.479580	3.467400

#1	.1462686	-.008855	.7221831	-.147384	.0255287	180.1821
#2	.1516020	-.020068	.7309345	-.157635	.0251168	170.1984
#3	.1491420	-.016527	.7231161	-.152847	.0238689	169.4007

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.108072	.0383662	.0031943	7.173884	.8269258	.3493412
Stddev	.108948	.0009154	.0014962	.275987	.0096015	.0010707
%RSD	3.505316	2.385845	46.83797	3.847101	1.161106	.3064831

#1	3.233802	.0394111	.0014826	7.411288	.8160338	.3483537
#2	3.048909	.0377061	.0042527	7.239297	.8305796	.3504792
#3	3.041506	.0379813	.0038478	6.871068	.8341641	.3491908

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0464155	F 1030.004	F 44.04698	5.888182	.1547289	-.028344
Stddev	.0033917	34.485	1.38446	.171611	.0013310	.004112
%RSD	7.307369	3.348051	3.143141	2.914502	.8602396	14.50909

#1	.0479258	1069.702	45.64528	6.076630	.1532888	-.023732
#2	.0487898	1012.858	43.27633	5.847024	.1559141	-.031631
#3	.0425309	1007.453	43.21934	5.740893	.1549837	-.029668

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.358738	1.331989	.5473892	3.513365	.7602345	.8964866
Stddev	.165721	.041203	.0101335	.189238	.0013792	.0573771
%RSD	4.934028	3.093316	1.851237	5.386237	.1814125	6.400222

#1	3.408866	1.379476	.5385825	3.729661	.7586424	.9596993
#2	3.493608	1.305715	.5451204	3.378326	.7610612	.8820635
#3	3.173740	1.310776	.5584648	3.432107	.7609999	.8476972

Sample Name: J3027-21 Acquired: 5/24/2018 21:43:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEH7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106328	.6491756	3.423085	.0026315	.8920009	.0426864
Stddev	.0004285	.0097020	.055420	.0017123	.0325201	.0015503
%RSD	4.029930	1.494509	1.619011	65.06742	3.645744	3.631767

#1	.0111167	.6401736	3.487074	.0021289	.9292295	.0444505
#2	.0104800	.6594517	3.391724	.0012268	.8776383	.0415408
#3	.0103016	.6479017	3.390455	.0045388	.8691349	.0420680

Elem	Sr4077
Units	ppm
Avg	.0839841
Stddev	.0028145
%RSD	3.351288

#1	.0872326
#2	.0824438
#3	.0822759

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2868.084	2959.047	73505.10	9047.338	3922.713
Stddev	11.072	9.604	164.76	211.580	10.903
%RSD	.3860306	.3245719	.2241470	2.338584	.2779424

#1	2857.018	2969.558	73316.27	8806.139	3934.100
#2	2868.072	2950.729	73579.45	9134.275	3912.369
#3	2879.162	2956.853	73619.59	9201.600	3921.671

Sample Name: J3027-22 Acquired: 5/24/2018 21:47:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEH8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1490118	-.031945	.8185800	-.138841	.0215814	154.3217
Stddev	.0063427	.001781	.0058197	.002080	.0017216	.3063
%RSD	4.256526	5.574687	.7109516	1.497760	7.977159	.1984821

#1	.1535986	-.033666	.8146835	-.137216	.0196779	154.4212
#2	.1516633	-.032058	.8157866	-.141184	.0220367	154.5658
#3	.1417736	-.030110	.8252698	-.138122	.0230296	153.9780

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.806297	.0344436	.0077093	20.60543	.8593846	.2655856
Stddev	.004709	.0006080	.0003093	.14697	.0033956	.0007719
%RSD	.2606820	1.765364	4.012439	.7132782	.3951240	.2906529

#1	1.811007	.0337431	.0074094	20.70871	.8572019	.2647660
#2	1.806294	.0348350	.0076911	20.67040	.8576551	.2656918
#3	1.801590	.0347527	.0080273	20.43716	.8632968	.2662988

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1550996	F 884.7426	29.69407	7.512817	.1670799	-.027734
Stddev	.0033665	1.6528	.07171	.012878	.0021845	.000905
%RSD	2.170542	.1868077	.2414859	.1714105	1.307470	3.263360

#1	.1540006	886.2060	29.61127	7.502249	.1652918	-.027423
#2	.1524199	885.0718	29.73533	7.509042	.1664331	-.027024
#3	.1588782	882.9501	29.73561	7.527160	.1695148	-.028753

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.866491	1.103675	1.675101	4.918340	1.301988	.7695734
Stddev	.125437	.004855	.019446	.045468	.008281	.0145825
%RSD	4.375990	.4399314	1.160886	.9244497	.6360125	1.894877

#1	2.771987	1.109206	1.691846	4.962526	1.295491	.7864118
#2	2.818682	1.100115	1.679685	4.871691	1.299160	.7611593
#3	3.008802	1.101704	1.653773	4.920802	1.311312	.7611491

Sample Name: J3027-22 Acquired: 5/24/2018 21:47:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEH8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110463	2.164175	5.085323	.0287692	1.143723	.0578403
Stddev	.0001276	.014420	.011061	.0012751	.004312	.0007449
%RSD	1.155308	.6662927	.2175053	4.432327	.3769766	1.287813

#1	.0111651	2.167380	5.076315	.0277019	1.140916	.0586994
#2	.0109114	2.148423	5.097668	.0301813	1.148688	.0574467
#3	.0110624	2.176723	5.081986	.0284242	1.141566	.0573748

Elem	Sr4077
Units	ppm
Avg	.1114132
Stddev	.0003032
%RSD	.2721055

#1	.1110837
#2	.1114755
#3	.1116803

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2963.867	3081.625	76044.73	9512.781	3956.486
Stddev	17.599	2.735	180.94	48.683	8.260
%RSD	.5937705	.0887653	.2379402	.5117686	.2087586

#1	2955.818	3082.096	76089.56	9568.014	3965.168
#2	2951.733	3078.685	75845.59	9494.225	3948.726
#3	2984.051	3084.095	76199.04	9476.105	3955.563

Sample Name: J3025-16 Acquired: 5/24/2018 21:51:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATA1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0961947	.0026155	1.444418	-.038826	.0092750	132.0170	3.151423
Stddev	.0040893	.0043234	.002815	.003645	.0024318	11.8989	.281814
%RSD	4.251110	165.2974	.1948810	9.389021	26.21941	9.013134	8.942442

#1	.0999315	.0015975	1.444576	-.042776	.0088057	123.8481	2.957683
#2	.0968262	.0073572	1.441528	-.035592	.0119072	145.6688	3.474717
#3	.0918263	-.001108	1.447151	-.038109	.0071120	126.5341	3.021869

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151614	.0118059	49.81760	.1731538	.0975670	.2205843	316.3695
Stddev	.0011194	.0011038	4.41009	.0044632	.0003469	.0243044	29.0601
%RSD	7.383477	9.349222	8.852473	2.577579	.3555429	11.01819	9.185481

#1	.0144353	.0125702	46.85988	.1760039	.0976578	.2039262	296.6577
#2	.0164506	.0105405	54.88642	.1680102	.0971837	.2484731	349.7428
#3	.0145983	.0123069	47.70650	.1754472	.0978595	.2093536	302.7079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.56832	11.71611	.1050948	-.005784	1.165949	.3035790	2.520744
Stddev	1.54375	1.02579	.0010252	.002497	.099725	.0245288	.031207
%RSD	8.787121	8.755365	.9754664	43.16648	8.553119	8.079867	1.238005

#1	16.50884	10.91452	.1061379	-.007580	1.188703	.2854755	2.500544
#2	19.33955	12.87211	.1040886	-.002933	1.056813	.3314950	2.556686
#3	16.85657	11.36169	.1050580	-.006838	1.252331	.2937665	2.505000

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.636359	1.100238	.3081264	.0070597	3.578154	7.361400	.0441720
Stddev	.728766	.005404	.0432702	.0001543	.008960	.529909	.0009705
%RSD	10.98141	.4911638	14.04299	2.186199	.2504144	7.198476	2.197111

#1	6.136877	1.106216	.2783550	.0069987	3.577420	7.018529	.0452703
#2	7.472605	1.095701	.3577620	.0069452	3.569584	7.971735	.0434300
#3	6.299596	1.098796	.2882621	.0072352	3.587459	7.093936	.0438157

Sample Name: J3025-16 Acquired: 5/24/2018 21:51:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATA1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3213251	.0867885	.2420923
Stddev	.0264687	.0080467	.0215154
%RSD	8.237376	9.271659	8.887258

#1	.3016829	.0808868	.2270346
#2	.3514250	.0959545	.2667344
#3	.3108672	.0835243	.2325080

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3035.131	3158.814	77662.99	9263.789	4045.367
Stddev	13.325	4.405	194.17	627.600	6.025
%RSD	.4390150	.1394535	.2500113	6.774768	.1489270

#1	3047.479	3158.067	77810.76	9699.950	4038.885
#2	3036.907	3163.545	77735.15	8544.506	4046.423
#3	3021.008	3154.830	77443.08	9546.913	4050.794

Sample Name: J3025-17 Acquired: 5/24/2018 21:55:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1946996	-.010703	1.328440	-.055056	.0111635	109.3919	1.760597
Stddev	.0075853	.002549	.012732	.007552	.0016547	.6756	.008654
%RSD	3.895914	23.81909	.9583798	13.71690	14.82203	.6176375	.4915345

#1	.1980679	-.008545	1.320083	-.046395	.0102053	109.1102	1.755049
#2	.1860134	-.010048	1.322145	-.060268	.0102110	108.9026	1.756174
#3	.2000174	-.013515	1.343093	-.058505	.0130741	110.1628	1.770569

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148159	.0114463	343.3376	.2680855	.0954148	.5695627	328.8393
Stddev	.0001030	.0002133	1.2744	.0019826	.0005982	.0057722	2.1416
%RSD	.6954547	1.863490	.3711658	.7395456	.6269419	1.013453	.6512617

#1	.0146980	.0112361	343.4586	.2660159	.0953645	.5675904	330.2427
#2	.0148884	.0114402	344.5471	.2682727	.0948432	.5650350	326.3742
#3	.0148614	.0116626	342.0070	.2699679	.0960365	.5760626	329.9009

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.749557	167.6670	.1795669	-.010137	1.605640	.3633340	2.951964
Stddev	.059153	.5450	.0019114	.000708	.150853	.0045482	.104349
%RSD	.6067263	.3250626	1.064450	6.987822	9.395182	1.251799	3.534914

#1	9.784041	168.0460	.1791464	-.009915	1.488342	.3665665	3.067793
#2	9.783376	167.0424	.1779008	-.010930	1.552766	.3581331	2.922800
#3	9.681254	167.9127	.1816536	-.009566	1.775813	.3653023	2.865299

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.585182	1.339980	.3189153	.0114507	7.805262	9.668525	.1307526
Stddev	.032645	.011848	.0093250	.0002624	.037061	.140181	.0009090
%RSD	.3405751	.8842125	2.923984	2.291922	.4748181	1.449866	.6952242

#1	9.601877	1.335218	.3296783	.0117536	7.805785	9.514014	.1297311
#2	9.547566	1.331253	.3138053	.0113085	7.767942	9.704003	.1314724
#3	9.606103	1.353468	.3132623	.0112901	7.842058	9.787558	.1310542

Sample Name: J3025-17 Acquired: 5/24/2018 21:55:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATA2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6176615	.1058094	.3831896
Stddev	.0050167	.0017745	.0003469
%RSD	.8122010	1.677054	.0905376

#1	.6223098	.1064977	.3834912
#2	.6123437	.1037939	.3828105
#3	.6183309	.1071367	.3832672

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2647.085	2727.098	68269.39	8768.789	3640.663
Stddev	43.371	31.875	511.30	26.622	41.461
%RSD	1.638441	1.168841	.7489504	.3035971	1.138823

#1	2602.536	2743.436	67695.41	8797.952	3662.978
#2	2649.546	2747.493	68436.63	8762.622	3666.188
#3	2689.173	2690.366	68676.14	8745.791	3592.824

Sample Name: J3025-18 Acquired: 5/24/2018 21:59:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1925750	-.016716	.4670272	-.046000	.0110097	110.6246	2.700093
Stddev	.0027532	.004451	.0024451	.001676	.0018726	.5655	.007744
%RSD	1.429657	26.62397	.5235420	3.643701	17.00874	.5111860	.2867887

#1	.1922327	-.016105	.4695462	-.045098	.0131086	111.2480	2.701760
#2	.1954833	-.021441	.4668720	-.047934	.0104101	110.1447	2.691651
#3	.1900090	-.012603	.4646634	-.044968	.0095103	110.4810	2.706867

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193673	.0051620	75.31714	.2300449	.1102950	.3745090	355.4702
Stddev	.0002060	.0002034	.08697	.0249043	.0000357	.0011987	3.1857
%RSD	1.063602	3.939518	.1154731	10.82583	.0323899	.3200637	.8961981

#1	.0195904	.0050780	75.22854	.2587263	.1102897	.3731432	359.1396
#2	.0193273	.0050140	75.32049	.2175087	.1102623	.3753863	353.8601
#3	.0191843	.0053939	75.40239	.2138998	.1103331	.3749974	353.4110

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.283199	16.82058	.1829240	-.013000	1.717595	.4381363	.7197128
Stddev	.022825	.14195	.0009859	.003952	.164911	.0076504	.0647951
%RSD	.3632641	.8438838	.5389617	30.40345	9.601294	1.746135	9.002915

#1	6.256869	16.97821	.1818969	-.017559	1.545967	.4356950	.7933373
#2	6.297363	16.78070	.1830122	-.010895	1.731969	.4320044	.6944324
#3	6.295365	16.70285	.1838628	-.010545	1.874849	.4467095	.6713686

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.924415	.7060888	.3368220	.0417940	5.322355	5.686013	.0189857
Stddev	.068423	.0022734	.0078206	.0000567	.017828	.042839	.0014705
%RSD	1.154940	.3219691	2.321877	.1355859	.3349613	.7534071	7.745343

#1	5.878408	.7037955	.3451483	.0417882	5.309875	5.723805	.0190892
#2	5.891792	.7083418	.3296313	.0418533	5.342773	5.694757	.0204017
#3	6.003045	.7061291	.3356865	.0417404	5.314417	5.639476	.0174662

Sample Name: J3025-18 Acquired: 5/24/2018 21:59:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATA3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.127437	.1097534	.5928079
Stddev	.005719	.0007997	.0008392
%RSD	.5072872	.7286127	.1415682

#1	1.134022	.1105284	.5932859
#2	1.123706	.1098006	.5918388
#3	1.124584	.1089311	.5932988

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2706.447	2957.460	69063.57	9104.292	4026.847
Stddev	201.743	2.698	5484.21	57.341	8.604
%RSD	7.454147	.0912262	7.940814	.6298248	.2136637

#1	2474.865	2955.421	62751.32	9039.565	4024.249
#2	2800.390	2960.519	71780.09	9124.576	4036.450
#3	2844.087	2956.440	72659.28	9148.734	4019.841

Sample Name: J3025-19 Acquired: 5/24/2018 22:03:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1710548	-.006548	.9556373	-.055811	.0126375	102.7902	2.416692
Stddev	.0092057	.004180	.0056687	.001821	.0012312	.8570	.021535
%RSD	5.381746	63.82995	.5931867	3.263583	9.742454	.8337300	.8911120

#1	.1813012	-.007389	.9612378	-.057862	.0140590	101.8406	2.392660
#2	.1634812	-.002012	.9499027	-.054381	.0119495	103.0237	2.423175
#3	.1683820	-.010243	.9557713	-.055191	.0119041	103.5062	2.434241

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152385	.0061321	67.56439	.2226000	.1162593	.6288777	405.5938
Stddev	.0002069	.0002407	.60377	.0009623	.0005484	.0055656	2.9886
%RSD	1.358051	3.925052	.8936197	.4322817	.4716697	.8850115	.7368434

#1	.0150595	.0064043	66.94413	.2218299	.1163689	.6224944	402.1808
#2	.0151909	.0059473	67.59887	.2222914	.1156644	.6327149	407.7419
#3	.0154651	.0060447	68.15019	.2236787	.1167446	.6314237	406.8589

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.500804	14.17493	.1858485	-.009902	1.717039	.3865769	1.742089
Stddev	.068295	.09497	.0009941	.000584	.095374	.0062190	.004246
%RSD	.7188389	.6699909	.5348912	5.897982	5.554589	1.608726	.2437402

#1	9.432274	14.06536	.1869375	-.010348	1.628459	.3824603	1.743815
#2	9.501277	14.22592	.1849898	-.009241	1.704659	.3937309	1.745200
#3	9.568863	14.23352	.1856182	-.010117	1.817999	.3835397	1.737251

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.349293	.7325464	.3803348	.0268789	8.699597	6.937762	.0570295
Stddev	.094442	.0016472	.0031473	.0003472	.039053	.086097	.0013954
%RSD	1.487437	.2248599	.8275025	1.291719	.4489044	1.240988	2.446761

#1	6.259984	.7339981	.3769516	.0272710	8.732766	6.838524	.0565543
#2	6.448143	.7307563	.3808769	.0267554	8.656555	6.982233	.0586004
#3	6.339750	.7328848	.3831758	.0266104	8.709470	6.992529	.0559338

Sample Name: J3025-19 Acquired: 5/24/2018 22:03:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATA4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9041939	.1122624	.4224020
Stddev	.0082508	.0020170	.0029523
%RSD	.9125044	1.796717	.6989222

#1	.8946708	.1100832	.4191225
#2	.9091980	.1140639	.4232359
#3	.9087128	.1126401	.4248476

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2789.122	2873.078	71258.28	8942.556	4033.807
Stddev	14.795	13.310	221.13	77.735	20.126
%RSD	.5304647	.4632724	.3103187	.8692693	.4989267

#1	2780.202	2857.858	71054.91	9032.080	4014.891
#2	2780.963	2882.541	71226.25	8903.425	4054.956
#3	2806.200	2878.835	71493.68	8892.161	4031.574

Sample Name: J3025-20 Acquired: 5/24/2018 22:07:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATA5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2247599	.0714349	3.421874	-.084624	.0545982	151.8735	6.980943
Stddev	.0028236	.0060525	.012878	.000763	.0015930	.2300	.016483
%RSD	1.256256	8.472698	.3763538	.9014261	2.917613	.1514216	.2361178

#1	.2218010	.0758052	3.423397	-.083986	.0546663	152.1365	6.997403
#2	.2250535	.0645266	3.408303	-.084416	.0561561	151.7738	6.964436
#3	.2274251	.0739728	3.433924	-.085469	.0529723	151.7102	6.980989

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1032653	.1254015	146.4297	.6861929	1.145295	1.854929	610.9575
Stddev	.0007463	.0004226	.0433	.0126007	.003340	.004986	2.4277
%RSD	.7227429	.3369639	.0295624	1.836315	.2915973	.2688134	.3973592

#1	.1025927	.1254251	146.4251	.6723282	1.146403	1.852529	612.9797
#2	.1040682	.1249676	146.4750	.6969468	1.141542	1.860661	611.6276
#3	.1031349	.1258117	146.3888	.6893037	1.147940	1.851596	608.2651

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.71237	46.42049	1.233062	.0613261	3.323911	1.317867	6.793021
Stddev	.07886	.22073	.002594	.0006722	.075103	.006185	.073108
%RSD	.2952296	.4755023	.2103515	1.096025	2.259475	.4693120	1.076229

#1	26.78176	46.66973	1.234092	.0620205	3.282565	1.321675	6.708733
#2	26.72873	46.34208	1.230112	.0612791	3.278567	1.310731	6.839231
#3	26.62660	46.24968	1.234983	.0606787	3.410602	1.321195	6.831098

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.168188	3.454745	.5784139	.0236109	5.751004	5.833880	2.221725
Stddev	.048816	.008813	.0086290	.0002435	.008815	.033895	.012015
%RSD	.5324504	.2550875	1.491840	1.031075	.1532707	.5809981	.5407924

#1	9.133026	3.449715	.5827298	.0233380	5.740826	5.808339	2.229507
#2	9.147614	3.449599	.5840334	.0238057	5.756043	5.872333	2.207887
#3	9.223923	3.464921	.5684784	.0236890	5.756144	5.820969	2.227780

Sample Name: J3025-20 Acquired: 5/24/2018 22:07:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATA5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7342849	.1099823	.3765511
Stddev	.0021274	.0003385	.0007845
%RSD	.2897262	.3077852	.2083239

#1	.7366749	.1095924	.3774529
#2	.7325981	.1101520	.3761740
#3	.7335818	.1102023	.3760265

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2962.440	3000.968	75962.91	9574.543	3789.275
Stddev	51.367	5.222	1007.71	40.680	4.674
%RSD	1.733928	.1739969	1.326582	.4248763	.1233574

#1	3021.710	2997.812	77117.80	9602.241	3784.116
#2	2930.853	2998.097	75262.37	9527.839	3793.229
#3	2934.757	3006.995	75508.55	9593.550	3790.479

Sample Name: J3025-21 Acquired: 5/24/2018 22:11:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATA6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2386366	-.007766	1.733760	-.047348	.0280482	114.4369	1.755638
Stddev	.0028015	.001871	.003172	.000736	.0034927	.0904	.003288
%RSD	1.173969	24.08760	.1829369	1.553598	12.45246	.0790252	.1872718

#1	.2407113	-.009919	1.733170	-.047931	.0262987	114.3355	1.754551
#2	.2397486	-.006534	1.737186	-.047592	.0257759	114.5092	1.759332
#3	.2354497	-.006846	1.730925	-.046522	.0320698	114.4660	1.753031

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143609	.0191826	128.5656	.3371085	.1100848	3.259259	314.2910
Stddev	.0001756	.0001253	.3445	.0152928	.0006788	.017336	1.5048
%RSD	1.222451	.6532498	.2679857	4.536466	.6166019	.5319114	.4787823

#1	.0145510	.0190601	128.3614	.3530183	.1096239	3.239635	313.3882
#2	.0143266	.0193105	128.3721	.3357889	.1097662	3.272493	313.4567
#3	.0142050	.0191770	128.9634	.3225182	.1108642	3.265649	316.0281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.257549	24.84774	.1920923	-.008950	1.500903	.3074810	4.305680
Stddev	.036141	.11441	.0010226	.001343	.058403	.0023670	.110953
%RSD	.3903995	.4604644	.5323706	15.00431	3.891160	.7698102	2.576889

#1	9.239563	24.76293	.1916349	-.010091	1.444851	.3052083	4.433794
#2	9.233930	24.80242	.1932638	-.009289	1.561402	.3073026	4.240887
#3	9.299155	24.97787	.1913781	-.007470	1.496457	.3099322	4.242359

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.932094	2.741369	.2899636	.0100242	4.179494	8.634444	.0887055
Stddev	.053543	.006438	.0064531	.0002359	.017160	.067707	.0005492
%RSD	.5994502	.2348314	2.225490	2.353375	.4105756	.7841543	.6190979

#1	8.909920	2.735337	.2844155	.0098187	4.162804	8.679520	.0886261
#2	8.993162	2.740623	.2884298	.0099721	4.178590	8.667227	.0882003
#3	8.893199	2.748147	.2970454	.0102818	4.197088	8.556586	.0892900

Sample Name: J3025-21 Acquired: 5/24/2018 22:11:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATA6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4305586	.1055767	.3327811
Stddev	.0007799	.0010440	.0007598
%RSD	.1811435	.9888098	.2283207

#1	.4298399	.1044270	.3319996
#2	.4313880	.1064653	.3328266
#3	.4304481	.1058379	.3335172

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2709.355	2891.043	69395.22	9072.307	3935.950
Stddev	77.340	33.884	2164.49	23.415	35.284
%RSD	2.854547	1.172027	3.119072	.2580975	.8964615

#1	2622.730	2893.475	67049.22	9098.177	3935.853
#2	2733.867	2923.646	69821.76	9052.565	3971.282
#3	2771.469	2856.009	71314.68	9066.179	3900.714

Sample Name: J3025-22 Acquired: 5/24/2018 22:15:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATA7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0711980	-.014891	.7829383	-.062594	.0095739	155.5904	1.925561
Stddev	.0030868	.003967	.0085460	.007156	.0034610	5.6832	.066463
%RSD	4.335520	26.64072	1.091525	11.43179	36.15035	3.652661	3.451633

#1	.0678832	-.012577	.7781930	-.054863	.0102259	162.0674	2.000880
#2	.0717209	-.012624	.7778179	-.068984	.0126624	153.2652	1.900658
#3	.0739900	-.019471	.7928039	-.063935	.0058332	151.4384	1.875146

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0240884	.0062526	36.75858	.3193599	.1349089	.3878978	432.0659
Stddev	.0011391	.0006265	1.40682	.0003944	.0005767	.0128072	16.5405
%RSD	4.728719	10.02057	3.827188	.1235011	.4274420	3.301696	3.828227

#1	.0253735	.0055985	38.35630	.3189152	.1343087	.4024862	450.9532
#2	.0236884	.0063117	36.21393	.3196674	.1349593	.3827035	425.0797
#3	.0232032	.0068474	35.70553	.3194970	.1354587	.3785037	420.1647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.41359	15.14177	.1110149	-.010805	1.528623	.6105716	.9870635
Stddev	.58055	.59563	.0010899	.001702	.032361	.0259374	.0324731
%RSD	3.537017	3.933713	.9817990	15.75578	2.117015	4.248057	3.289869

#1	17.08262	15.82586	.1101715	-.008840	1.561874	.6404830	.9507143
#2	16.11562	14.86137	.1106277	-.011721	1.526764	.5969308	1.013210
#3	16.04253	14.73809	.1122456	-.011853	1.497232	.5943009	.997266

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.299675	.7454119	.3815333	.0015572	2.480035	4.728197	.0808586
Stddev	.227925	.0026072	.0043341	.0002841	.018632	.229927	.0017210
%RSD	5.300972	.3497693	1.135962	18.24677	.7512808	4.862886	2.128378

#1	4.560405	.7435072	.3855019	.0018843	2.470945	4.991666	.0788912
#2	4.200362	.7443452	.3821894	.0013711	2.467693	4.624825	.0820850
#3	4.138257	.7483833	.3769086	.0014163	2.501467	4.568100	.0815995

Sample Name: J3025-22 Acquired: 5/24/2018 22:15:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATA7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2344284	.0634236	.1227301
Stddev	.0105218	.0026499	.0039208
%RSD	4.488262	4.178060	3.194630

#1	.2465135	.0661136	.1272219
#2	.2294675	.0633414	.1209740
#3	.2273041	.0608158	.1199943

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3186.168	3326.384	81055.32	9888.181	4029.202
Stddev	12.054	10.844	293.28	472.757	9.661
%RSD	.3783373	.3260074	.3618280	4.781028	.2397685

#1	3188.986	3328.269	81059.84	9350.349	4027.088
#2	3172.954	3336.162	80759.80	10076.16	4039.745
#3	3196.564	3314.720	81346.32	10238.04	4020.773

Sample Name: J3025-23 Acquired: 5/24/2018 22:19:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1578247	-.006585	1.262850	-.072439	.0167582	147.0285	3.677940
Stddev	.0065046	.003598	.007751	.001996	.0002653	.1718	.003865
%RSD	4.121395	54.63408	.6137932	2.755146	1.583192	.1168579	.1050818

#1	.1504569	-.008296	1.260673	-.072688	.0170112	146.9538	3.675392
#2	.1627722	-.009008	1.256419	-.070330	.0167814	147.2250	3.682387
#3	.1602449	-.002451	1.271457	-.074299	.0164821	146.9066	3.676042

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0247641	.0113442	76.63393	.2856244	.1756792	.6721938	481.1124
Stddev	.0003190	.0000517	.13096	.0025370	.0010919	.0040349	1.9009
%RSD	1.288032	.4558241	.1708907	.8882122	.6215127	.6002658	.3951042

#1	.0245828	.0113619	76.49432	.2829579	.1755035	.6685927	480.2292
#2	.0251324	.0112860	76.65339	.2859071	.1746858	.6714341	483.2942
#3	.0245771	.0113848	76.75407	.2880081	.1768483	.6765546	479.8137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.57425	18.58900	.1389121	-.013346	1.947146	.6219842	1.967728
Stddev	.03719	.21063	.0007009	.001652	.060526	.0052283	.042588
%RSD	.1454017	1.133098	.5045278	12.38079	3.108451	.8405898	2.164313

#1	25.61183	18.40233	.1396321	-.015195	1.946331	.6161972	1.996161
#2	25.53747	18.81736	.1388723	-.012832	2.008075	.6263671	1.918764
#3	25.57345	18.54732	.1382321	-.012012	1.887031	.6233883	1.988260

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.388579	1.931609	.4312631	.0084624	3.669139	6.780942	.0840187
Stddev	.025448	.011407	.0134724	.0001393	.023430	.080662	.0005533
%RSD	.3983312	.5905235	3.123932	1.646640	.6385711	1.189536	.6585105

#1	6.371205	1.942686	.4468002	.0084250	3.694117	6.770264	.0837715
#2	6.376742	1.919899	.4228219	.0086166	3.647648	6.866411	.0846525
#3	6.417789	1.932241	.4241671	.0083455	3.665652	6.706152	.0836321

Sample Name: J3025-23 Acquired: 5/24/2018 22:19:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATA8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4086099	.0888202	.2541056
Stddev	.0022763	.0005398	.0003085
%RSD	.5570764	.6077197	.1213975

#1	.4073724	.0885578	.2540817
#2	.4112368	.0884618	.2544253
#3	.4072204	.0894410	.2538097

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3200.890	3321.126	81838.91	10224.81	3951.013
Stddev	26.493	9.540	247.45	67.63	16.361
%RSD	.8276900	.2872609	.3023676	.6614248	.4141063

#1	3173.044	3315.347	82006.06	10195.69	3948.818
#2	3225.784	3332.137	81956.04	10176.63	3968.362
#3	3203.842	3315.892	81554.64	10302.13	3935.860

Sample Name: CCV082 Acquired: 5/24/2018 22:23:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.068698	4.989771	24.89677	4.985565	5.122838	404.1199
Stddev	.018364	.014812	.07558	.023929	.015014	2.1458
%RSD	.3623092	.2968428	.3035826	.4799561	.2930758	.5309731

#1	5.086811	4.984177	24.95886	5.006782	5.139560	403.6257
#2	5.069191	5.006565	24.91885	4.990285	5.118440	406.4697
#3	5.050092	4.978572	24.81261	4.959628	5.110515	402.2643

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.39084	.5438913	2.465365	401.8618	15.92161	2.471077
Stddev	.06886	.0082852	.006381	2.9359	.83761	.010367
%RSD	.6626521	1.523314	.2588375	.7305721	5.260854	.4195387

#1	10.35640	.5505831	2.467761	398.9118	16.88879	2.480830
#2	10.47012	.5464665	2.470201	404.7834	15.44150	2.472214
#3	10.34600	.5346243	2.458133	401.8901	15.43453	2.460189

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.26780	403.0400	14.89024	406.6381	2.499713	1.287010
Stddev	.08327	1.3532	.08669	1.9545	.009884	.064022
%RSD	.5453884	.3357532	.5822206	.4806445	.3953884	4.974479

#1	15.26411	402.3776	14.80391	404.7053	2.510036	1.360887
#2	15.35285	404.5969	14.97730	408.6136	2.498766	1.252393
#3	15.18643	402.1457	14.88951	406.5954	2.490337	1.247749

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	408.8177	2.571510	14.91812	158.4312	F 6.593295	5.466372
Stddev	3.1610	.013029	.66123	1.1567	.014136	.080115
%RSD	.7732059	.5066795	4.432381	.7300889	.2144071	1.465595

#1	408.8141	2.563480	15.66997	158.4727	6.588395	5.522010
#2	411.9804	2.586543	14.42704	159.5666	6.609230	5.502560
#3	405.6584	2.564506	14.65735	157.2544	6.582261	5.374548

Sample Name: CCV082 Acquired: 5/24/2018 22:23:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV082 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.999237	5.393581	5.294884	5.069590	5.144763	5.157867
Stddev	.018373	.032156	.087152	.019370	.027063	.034170
%RSD	.3675161	.5961984	1.645975	.3820753	.5260375	.6624736

#1	5.020285	5.371631	5.353204	5.072424	5.147031	5.146558
#2	4.991010	5.430492	5.336749	5.087386	5.170621	5.196257
#3	4.986415	5.378620	5.194698	5.048959	5.116637	5.130785

Elem	Sr4077
Units	ppm
Avg	5.095283
Stddev	.106920
%RSD	2.098420

#1	5.162340
#2	5.151530
#3	4.971980

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2092.019	2218.340	55148.75	7358.468	3335.453
Stddev	95.676	9.627	2422.38	81.111	13.042
%RSD	4.573382	.4339889	4.392440	1.102275	.3910095

#1	1981.741	2207.226	52351.73	7340.350	3321.646
#2	2152.900	2223.701	56526.31	7287.949	3337.151
#3	2141.416	2224.094	56568.20	7447.106	3347.563

Sample Name: CCB082 Acquired: 5/24/2018 22:27:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046674	.0042761	-.002076	-.001052	-.002338	.0159237	-.000740
Stddev	.0031995	.0027697	.001120	.002171	.000652	.0013466	.000981
%RSD	68.55028	64.77116	53.96216	206.2514	27.90563	8.456372	132.5012

#1	.0083591	.0012785	-.002368	.001442	-.001974	.0143905	-.000063
#2	.0026972	.0067402	-.000839	-.002087	-.003091	.0169141	-.000292
#3	.0029459	.0048096	-.003022	-.002512	-.001949	.0164666	-.001865

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000706	.0000324	.0182368	-.000090	-.000101	.0004564	.0264563
Stddev	.0000398	.0000959	.0100871	.000370	.000125	.0009451	.0124783
%RSD	56.35242	296.3120	55.31205	412.5122	123.6030	207.0618	47.16570

#1	.0000748	.0001251	.0283599	.000020	.000014	.0010683	.0369075
#2	.0000289	.0000384	.0181644	.000213	-.000084	.0009329	.0298206
#3	.0001081	-.000066	.0081860	-.000502	-.000235	-.000632	.0126407

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015921	.0037929	.0001160	.0009605	-.256314	-.000393	-.004842
Stddev	.0002350	.0126568	.0003843	.0003099	.117517	.003829	.001906
%RSD	14.75817	333.6983	331.1899	32.26489	45.84886	975.1295	39.36294

#1	.0017671	-.001831	-.000241	.0012318	-.361491	.003717	-.006469
#2	.0016843	.018287	.000523	.0010270	-.129472	-.003861	-.002745
#3	.0013250	-.005078	.000066	.0006228	-.277980	-.001034	-.005311

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.174159	-.000988	-.001791	.0002612	.0246833	-.005921	-.000974
Stddev	.028768	.000153	.001063	.0002550	.0052491	.001283	.000513
%RSD	16.51849	15.49974	59.33757	97.63871	21.26570	21.66222	52.64267

#1	-.203405	-.001074	-.001174	.0005522	.0240537	-.006396	-.000973
#2	-.145893	-.001078	-.001180	.0000764	.0302188	-.006899	-.000462
#3	-.173178	-.000811	-.003018	.0001550	.0197775	-.004469	-.001488

Sample Name: CCB082 Acquired: 5/24/2018 22:27:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v538) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB082 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003987	.0031436	.0002205
Stddev	.0004768	.0008469	.0000866
%RSD	119.5737	26.94016	39.27837

#1	.0000776	.0031389	.0002677
#2	.0001720	.0039927	.0002734
#3	.0009465	.0022990	.0001206

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2562.819	2628.443	64860.39	7799.825	4377.564
Stddev	15.767	60.234	94.32	17.815	97.401
%RSD	.6152240	2.291634	.1454247	.2283999	2.225012

#1	2552.489	2562.664	64879.39	7801.400	4270.066
#2	2580.967	2680.902	64943.76	7816.800	4459.950
#3	2555.001	2641.764	64758.01	7781.275	4402.677