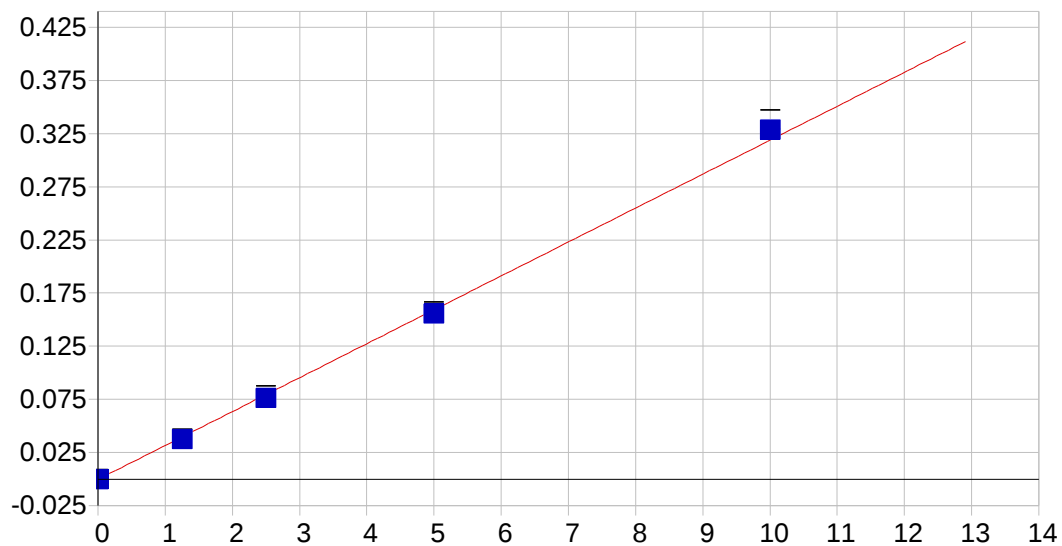




As 189.042 {479}

Date of Fit: 5/31/2018 15:59:22

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000321

Re-Slope: 1.000000

A1 (Gain): 0.031915

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999445

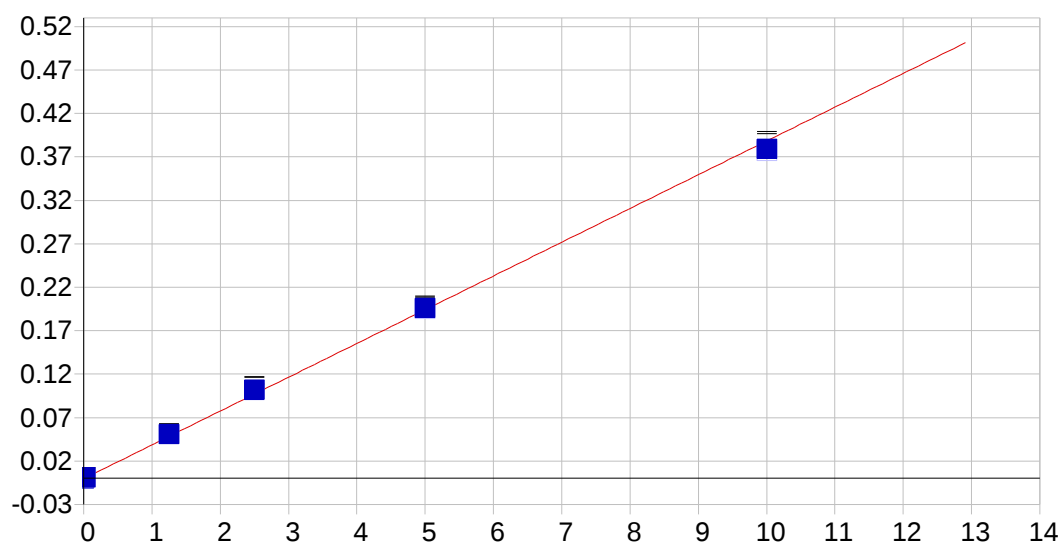
Status: OK.

Std Error of Est: 0.000018

Predicted MDL: 0.003924

Predicted MQL: 0.013080

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.01000	.00921	-.001	-7.91	-.00003	.000	1
S2	1.2500	1.1759	-.074	-5.93	.03730	.000	1
S3	2.5000	2.3945	-.106	-4.22	.07629	.002	1
S4	5.0000	4.8787	-.121	-2.43	.15576	.002	1
S5	10.000	10.302	.302	3.02	.32921	.009	1

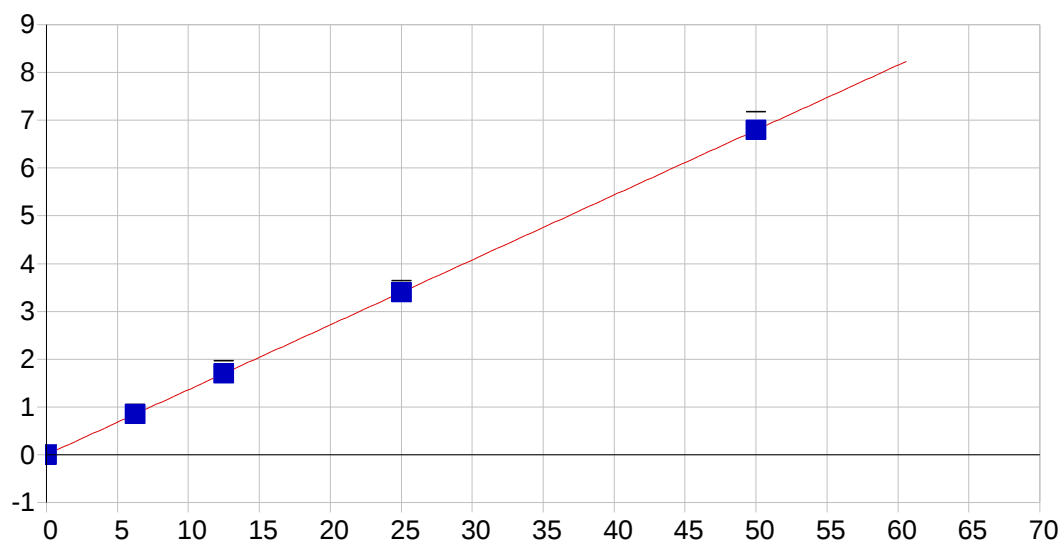


TI 190.856 {477}

Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000234 Re-Slope: 1.000000
 A1 (Gain): 0.038863 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999579 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.002513
 Predicted MQL: 0.008378

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.02500	.02620	.001	4.80	.00077	.000	1
S2	1.2500	1.3174	.067	5.40	.05067	.001	1
S3	2.5000	2.6223	.122	4.89	.10109	.004	1
S4	5.0000	5.0448	.045	.895	.19465	.003	1
S5	10.000	9.7643	-.236	-2.36	.37689	.009	1

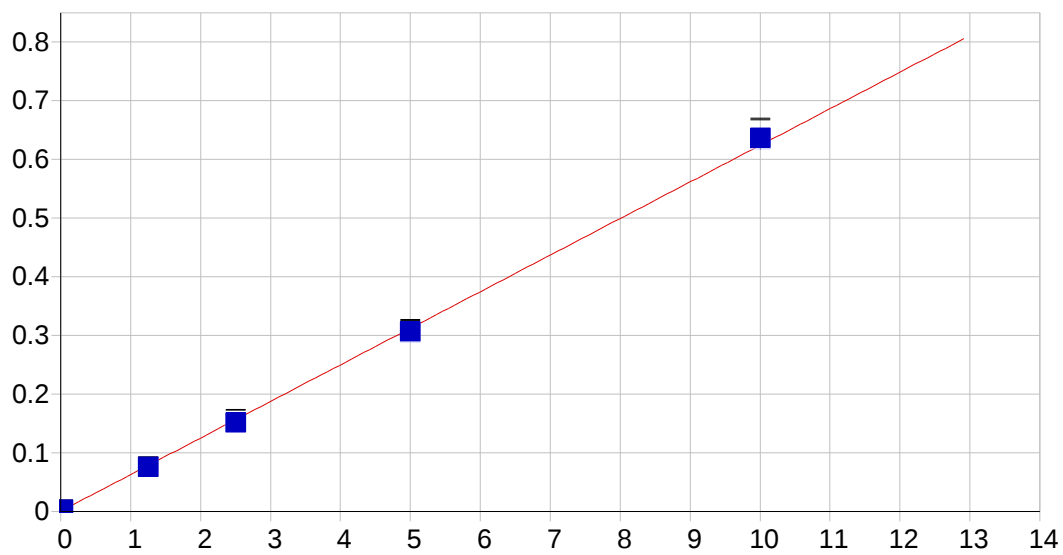


Pb 220.353 {453}

Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000066 Re-Slope: 1.000000
 A1 (Gain): 0.135880 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999999 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.001747
 Predicted MQL: 0.005822

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01000	.01062	.001	6.16	.00138	.000	1
S2	6.2500	6.2252	-.025	-.397	.84715	.007	1
S3	12.500	12.513	.013	.100	1.7028	.061	1
S4	25.000	25.001	.001	.006	3.4025	.036	1
S5	50.000	50.010	.010	.020	6.8060	.176	1

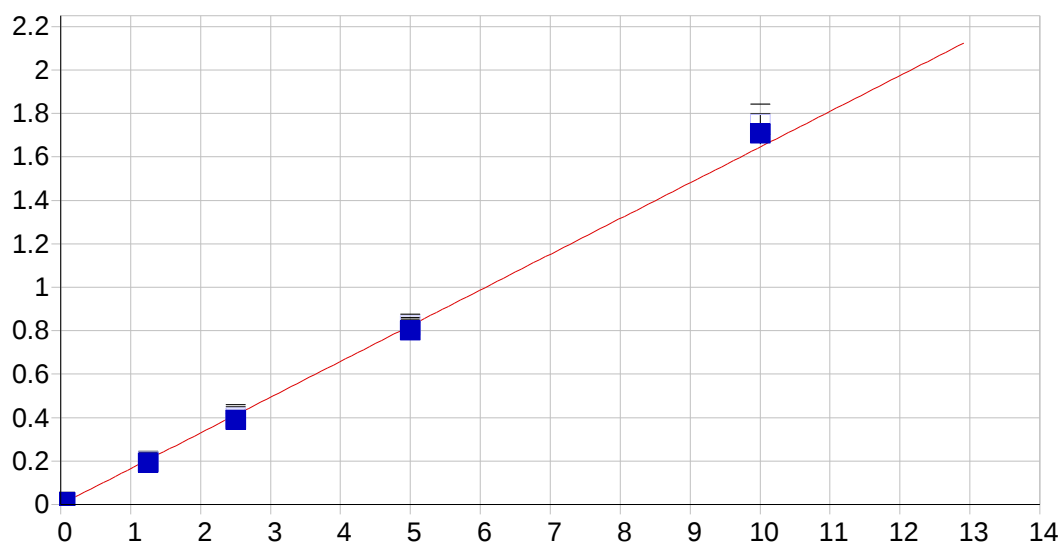


Se 196.090 {472}

Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000520 Re-Slope: 1.000000
 A1 (Gain): 0.062362 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999746 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.003107
 Predicted MQL: 0.010357

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00052	.000	1
S1	.03500	.03712	.002	6.05	.00283	.000	1
S2	1.2500	1.2082	-.042	-3.34	.07550	.001	1
S3	2.5000	2.4276	-.072	-2.90	.15118	.005	1
S4	5.0000	4.9085	-.091	-1.83	.30516	.003	1
S5	10.000	10.204	.204	2.04	.63392	.017	1

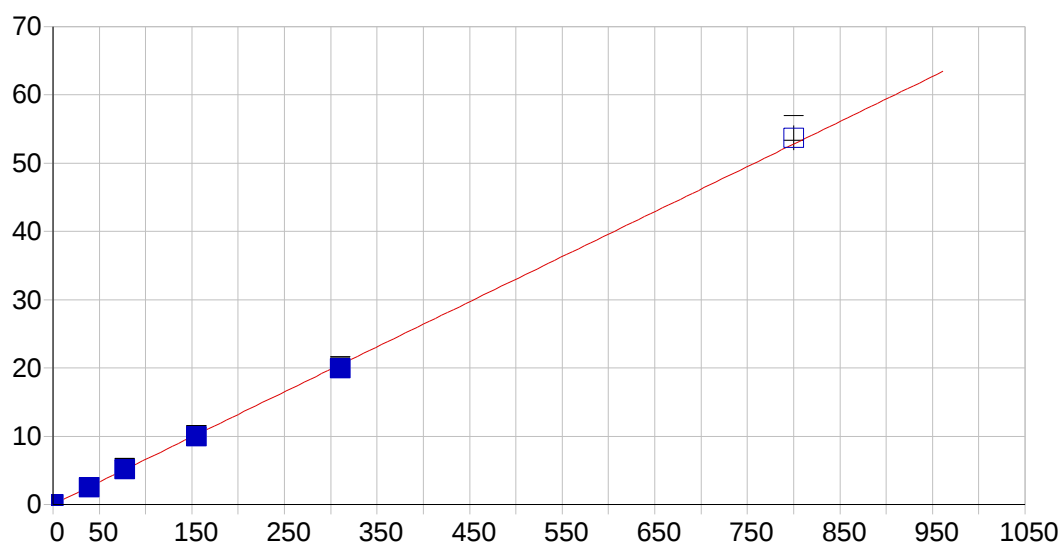


Sb 206.833 {463}

Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000630 Re-Slope: 1.000000
 A1 (Gain): 0.164460 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999189 Status: OK.
 Std Error of Est: 0.000280
 Predicted MDL: 0.001537
 Predicted MQL: 0.005123

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00063	.000	1
S1	.06000	.05923	-.001	-1.28	.01037	.000	1
S2	1.2500	1.1573	-.093	-7.42	.19656	.002	1
S3	2.5000	2.3598	-.140	-5.61	.39992	.015	1
S4	5.0000	4.8631	-.137	-2.74	.82281	.007	1
S5	10.000	10.370	.370	3.70	1.7509	.047	1

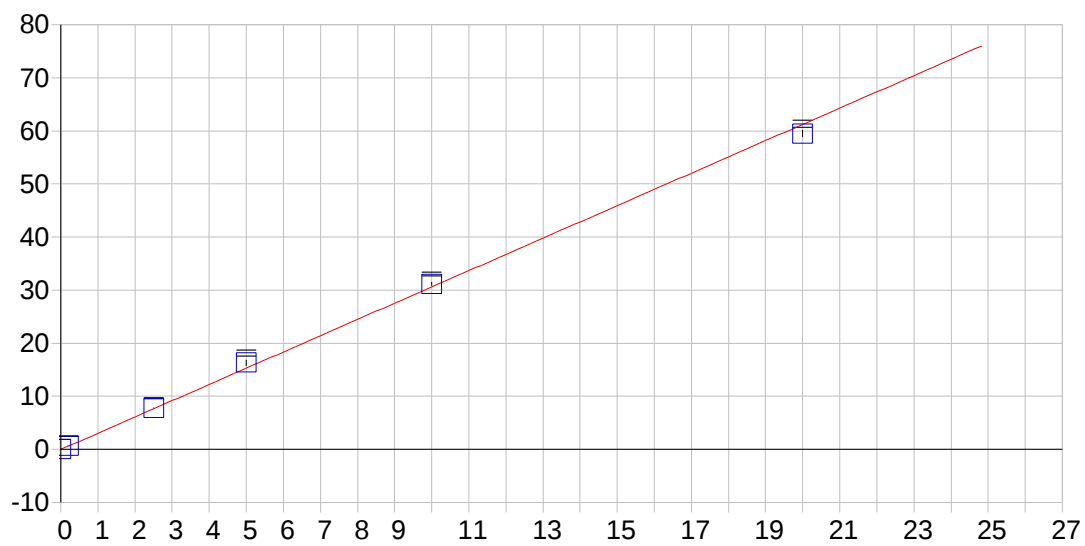


AI 396.152 { 85}

Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001016 Re-Slope: 1.000000
 A1 (Gain): 0.066003 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999771 Status: OK.
 Std Error of Est: 0.000878
 Predicted MDL: 0.010435
 Predicted MQL: 0.034784

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00102	.000	1
S1	.20000	.19860	-.001	-.698	.01414	.001	1
S2	38.750	37.225	-1.53	-3.94	2.4603	.021	1
S3	77.500	77.747	.247	.318	5.1373	.165	1
S4	155.00	150.55	-4.45	-2.87	9.9476	.165	1
S5	310.00	301.98	-8.02	-2.59	19.951	.211	1
S6	800.00	813.76	13.8	1.72	53.711	1.80	1

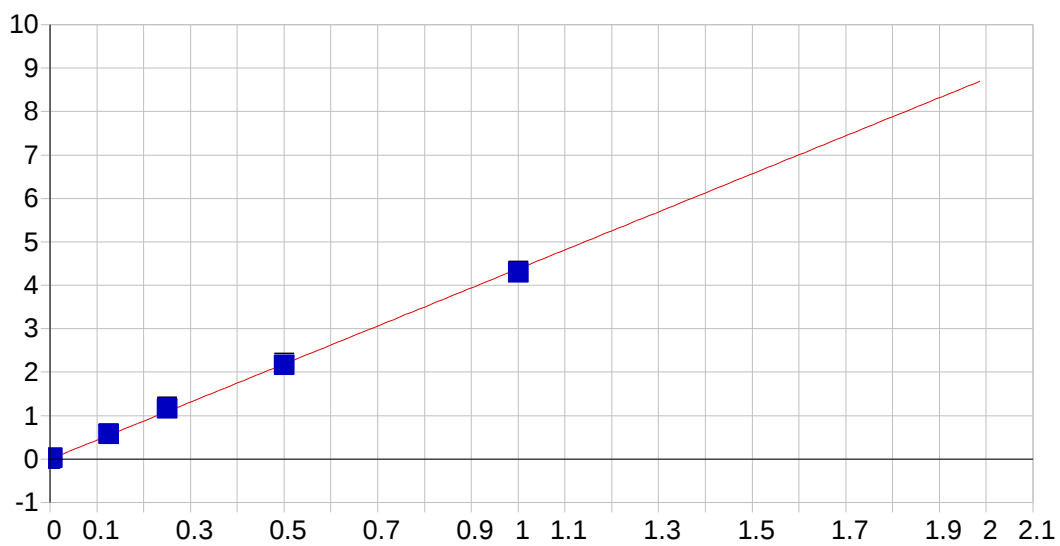


Ba 493.409 { 68}

Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.012892 Re-Slope: 1.000000
 A1 (Gain): 3.061741 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999412 Status: OK.
 Std Error of Est: 0.011166
 Predicted MDL: 0.000661
 Predicted MQL: 0.002202

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	-.01298	.001	1
S1	.20000	.21463	.015	7.31	.64424	.012	1
S2	2.5000	2.5469	.047	1.88	7.7851	.085	1
S3	5.0000	5.3373	.337	6.75	16.329	.553	1
S4	10.000	10.177	.177	1.77	31.145	.377	1
S5	20.000	19.425	-.575	-2.88	59.460	.650	1

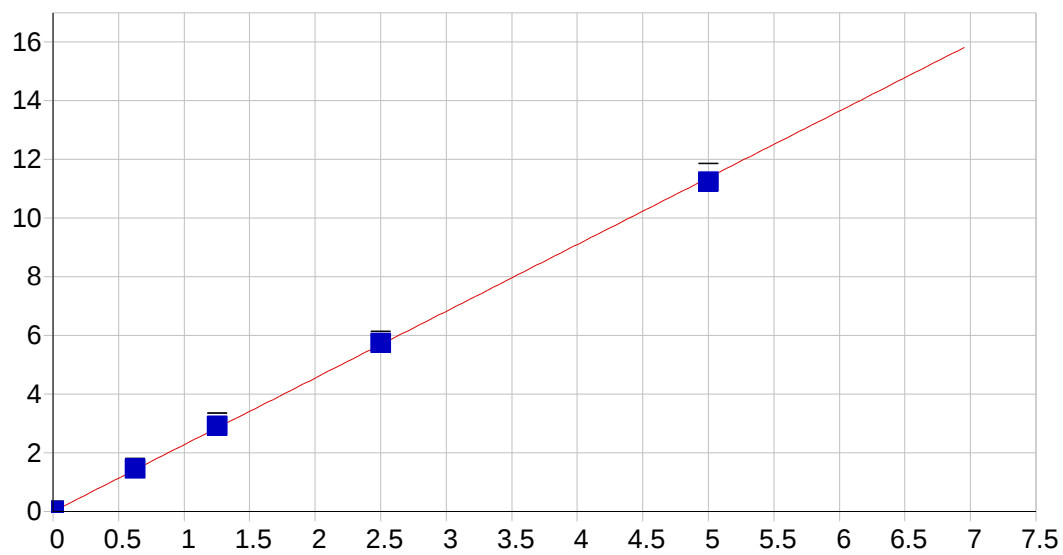


Be 234.861 {144}

Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001914 Re-Slope: 1.000000
 A1 (Gain): 4.379105 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999517 Status: OK.
 Std Error of Est: 0.000509
 Predicted MDL: 0.000075
 Predicted MQL: 0.000249

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00192	.000	1
S1	.00500	.00541	.000	8.14	.02174	.000	1
S2	.12500	.13162	.007	5.30	.57208	.004	1
S3	.25000	.26593	.016	6.37	1.1578	.037	1
S4	.50000	.49645	-.004	-.710	2.1625	.039	1
S5	1.0000	.98059	-.019	-1.94	4.2730	.041	1

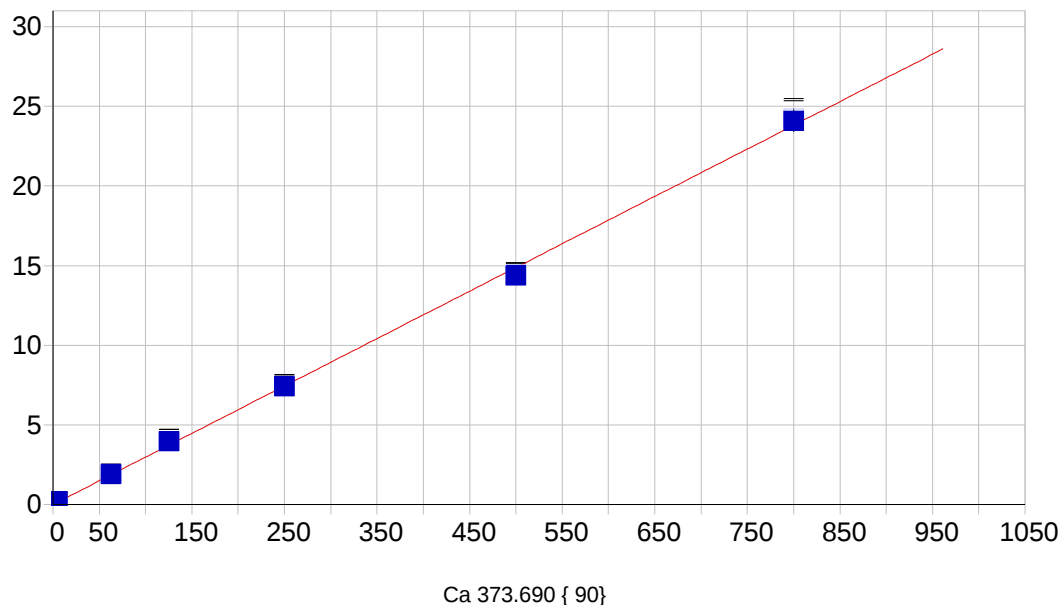


Cd 214.438 {457}

Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000795 Re-Slope: 1.000000
 A1 (Gain): 2.275187 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897 Status: OK.
 Std Error of Est: 0.000275
 Predicted MDL: 0.000082
 Predicted MQL: 0.000274

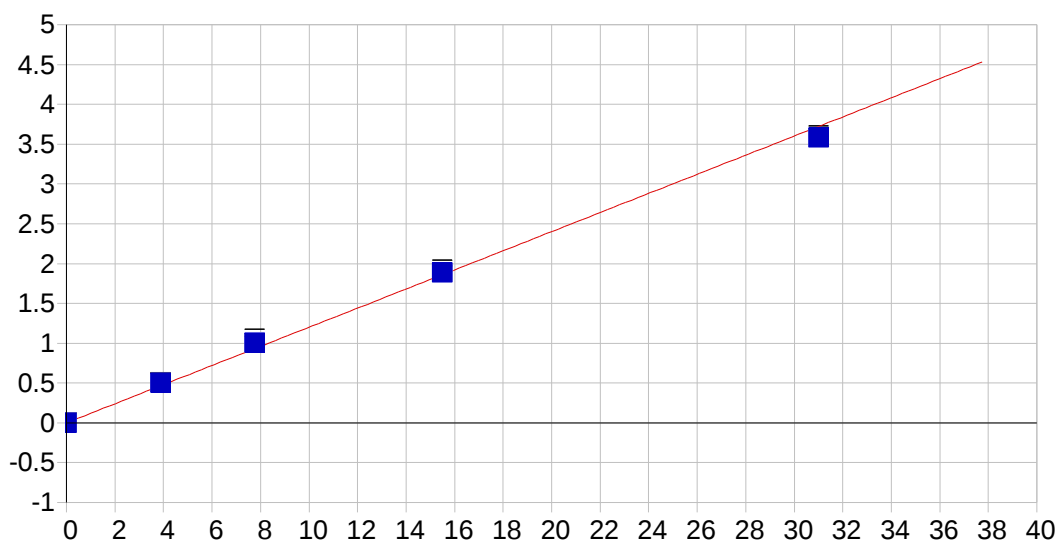
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00079	.000	1
S1	.00500	.00510	.000	2.10	.01242	.000	1
S2	.62500	.63852	.014	2.16	1.4565	.016	1
S3	1.2500	1.2797	.030	2.37	2.9181	.108	1
S4	2.5000	2.5196	.020	.784	5.7450	.066	1
S5	5.0000	4.9371	-.063	-1.26	11.257	.290	1



Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001186 Re-Slope: 1.000000
 A1 (Gain): 0.029758 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999637 Status: OK.
 Std Error of Est: 0.002812
 Predicted MDL: 0.016375
 Predicted MQL: 0.054582

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00083	-.001	.000	.00116	.000	1
S1	5.0000	5.5343	.534	10.7	.16589	.004	1
S2	62.500	64.170	1.67	2.67	1.9174	.013	1
S3	125.00	132.72	7.72	6.18	3.9640	.134	1
S4	250.00	248.84	-1.16	-.464	7.4327	.094	1
S5	500.00	482.66	-17.3	-3.47	14.417	.142	1
S6	800.00	808.55	8.55	1.07	24.203	.677	1

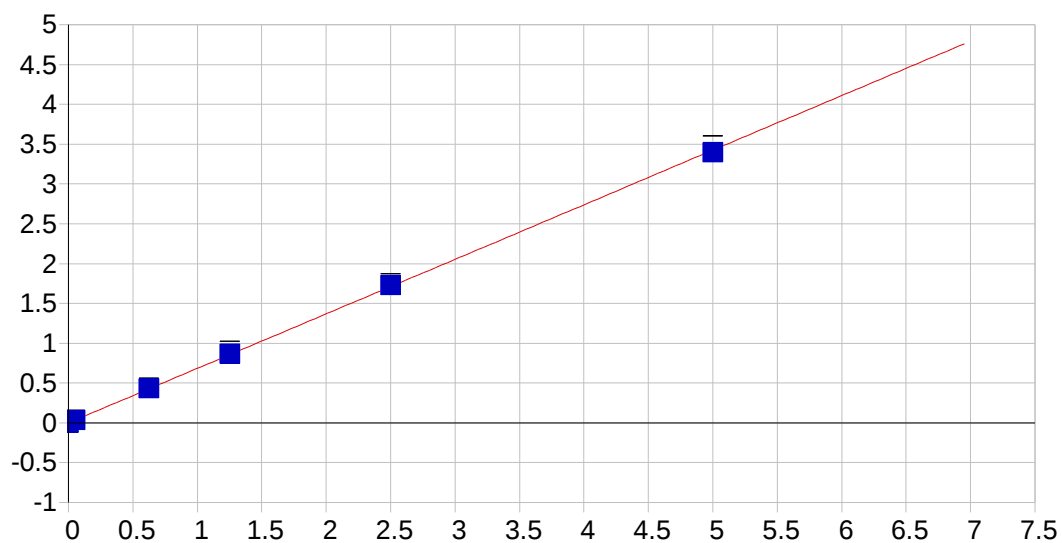


Cr 267.716 {126}

Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000004 Re-Slope: 1.000000
 A1 (Gain): 0.120051 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998939 Status: OK.
 Std Error of Est: 0.000164
 Predicted MDL: 0.000474
 Predicted MQL: 0.001581

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.01163	.002	16.3	.00139	.000	1
S2	3.8750	4.1942	.319	8.24	.50433	.004	1
S3	7.7500	8.3889	.639	8.24	1.0087	.045	1
S4	15.500	15.688	.188	1.21	1.8867	.036	1
S5	31.000	29.852	-1.15	-3.70	3.5903	.021	1

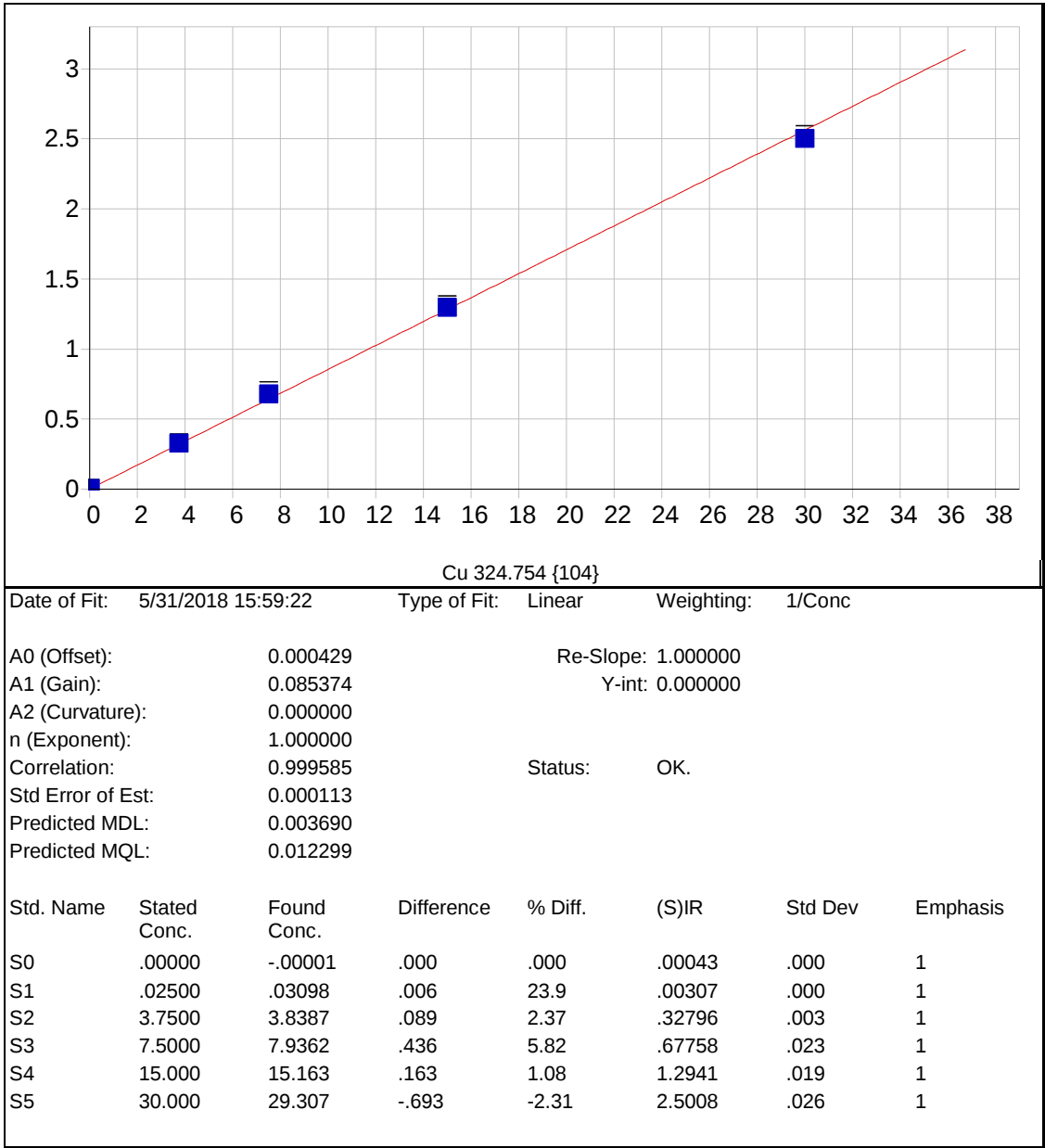


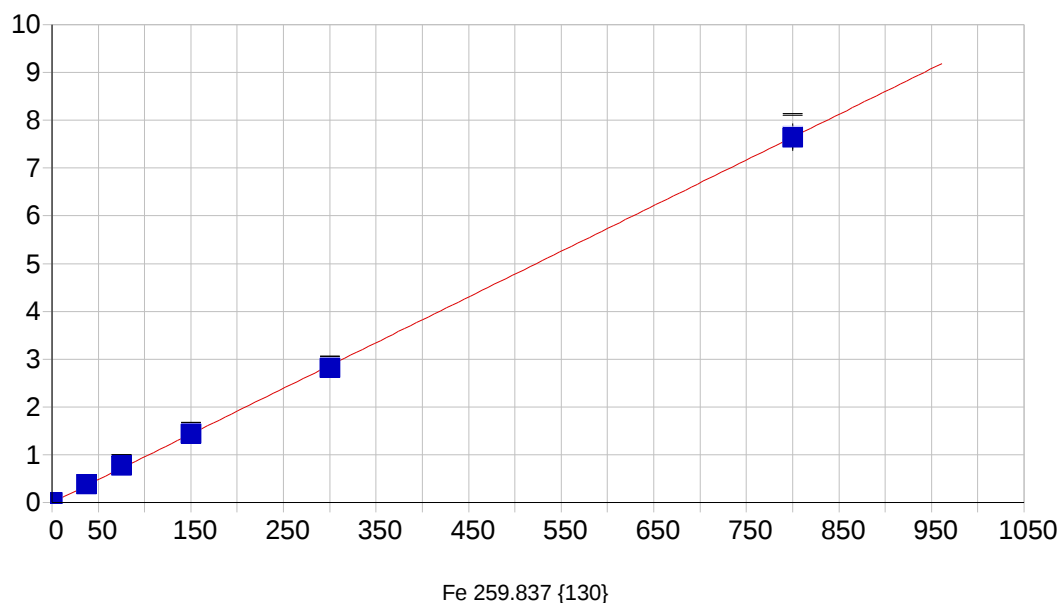
Co 228.616 {448}

Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000524 Re-Slope: 1.000000
 A1 (Gain): 0.684830 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000175
 Predicted MDL: 0.000265
 Predicted MQL: 0.000883

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00052	.000	1
S1	.05000	.05014	.000	.271	.03394	.000	1
S2	.62500	.63161	.007	1.06	.43287	.004	1
S3	1.2500	1.2671	.017	1.37	.86895	.034	1
S4	2.5000	2.5206	.021	.822	1.7290	.020	1
S5	5.0000	4.9556	-.044	-.889	3.4000	.084	1

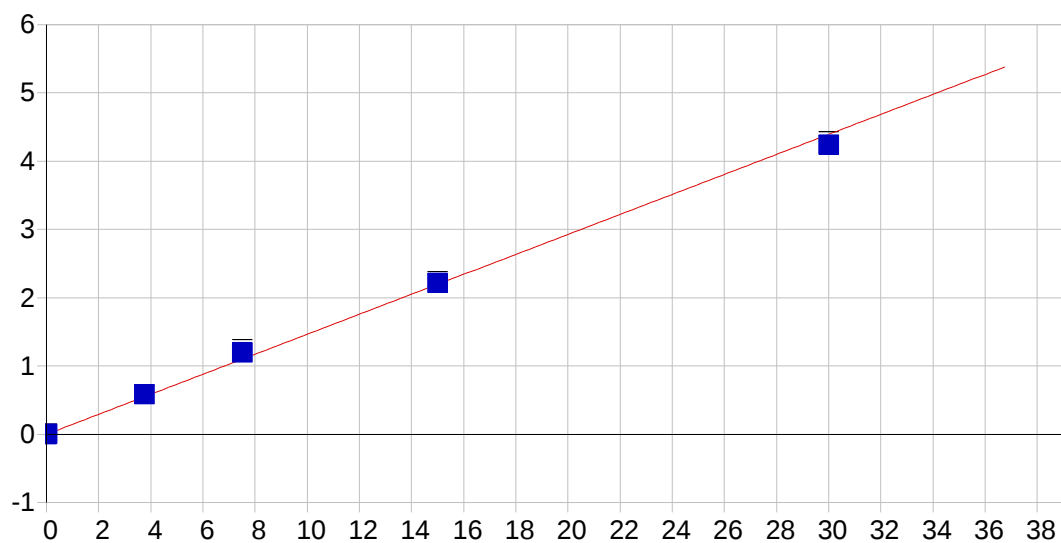




Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000128 Re-Slope: 1.000000
 A1 (Gain): 0.009557 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999775 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.016657
 Predicted MQL: 0.055523

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00013	.000	1
S1	.10000	.11640	.016	16.4	.00126	.000	1
S2	37.500	39.226	1.73	4.60	.37695	.004	1
S3	75.000	80.547	5.55	7.40	.77378	.022	1
S4	150.00	150.38	.380	.253	1.4450	.027	1
S5	300.00	293.94	-6.06	-2.02	2.8247	.039	1
S6	800.00	798.39	-1.61	-.201	7.6654	.269	1

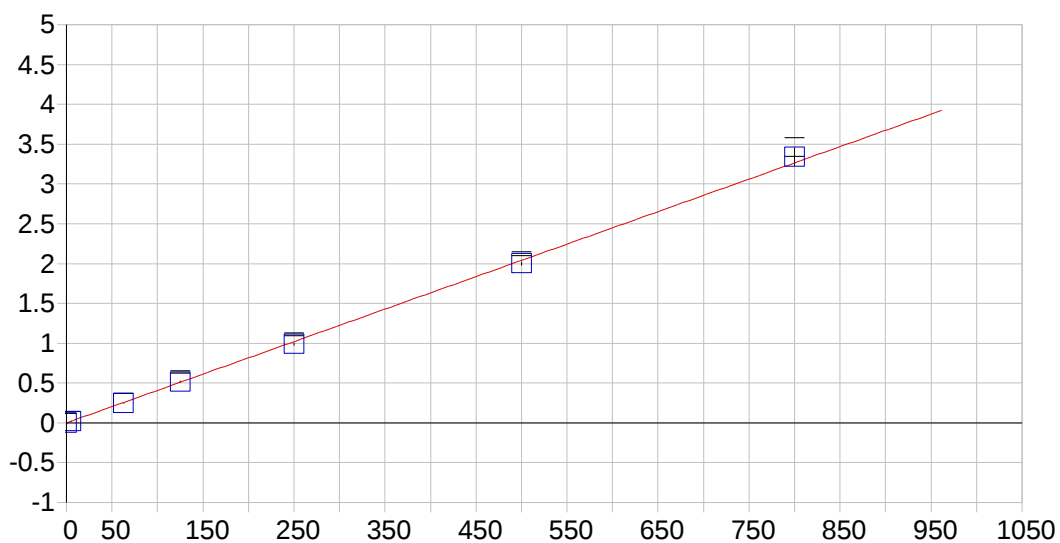


Mn 257.610 {131}

Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000062 Re-Slope: 1.000000
 A1 (Gain): 0.146408 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998987 Status: OK.
 Std Error of Est: 0.000235
 Predicted MDL: 0.001012
 Predicted MQL: 0.003374

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.01500	.01802	.003	20.2	.00258	.000	1
S2	3.7500	3.9702	.220	5.87	.58132	.002	1
S3	7.5000	8.1832	.683	9.11	1.1983	.041	1
S4	15.000	15.147	.147	.983	2.2181	.022	1
S5	30.000	28.946	-1.05	-3.51	4.2389	.053	1

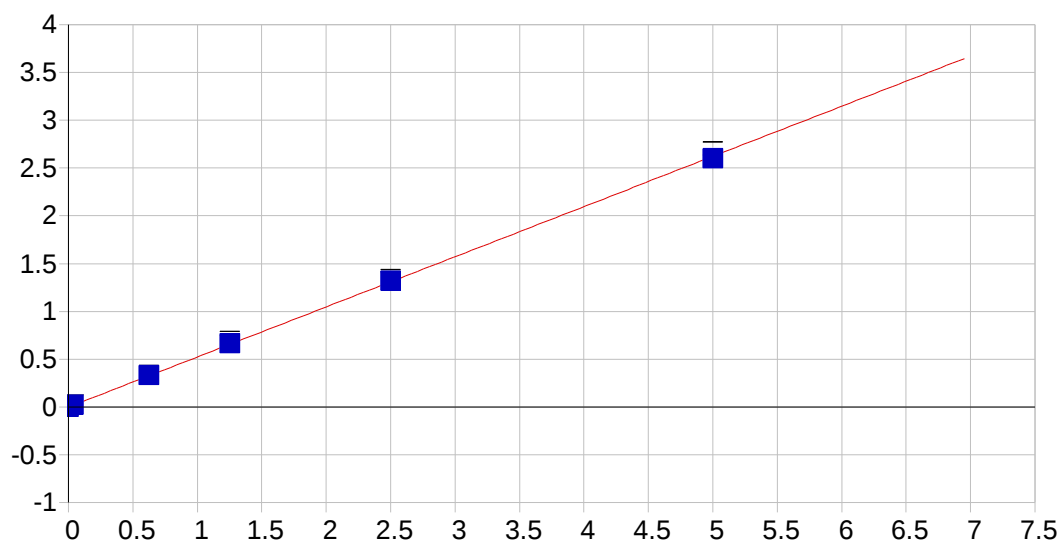


Mg 279.079 {121}

Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000151 Re-Slope: 1.000000
 A1 (Gain): 0.004081 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999731 Status: OK.
 Std Error of Est: 0.000330
 Predicted MDL: 0.047949
 Predicted MQL: 0.159830

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00025	.000	.000	-.00015	.000	1
S1	5.0000	5.0046	.005	.091	.02027	.001	1
S2	62.500	60.398	-2.10	-3.36	.24634	.002	1
S3	125.00	126.30	1.30	1.04	.51529	.015	1
S4	250.00	242.19	-7.81	-3.13	.98822	.018	1
S5	500.00	490.29	-9.71	-1.94	2.0007	.025	1
S6	800.00	818.32	18.3	2.29	3.3394	.117	1

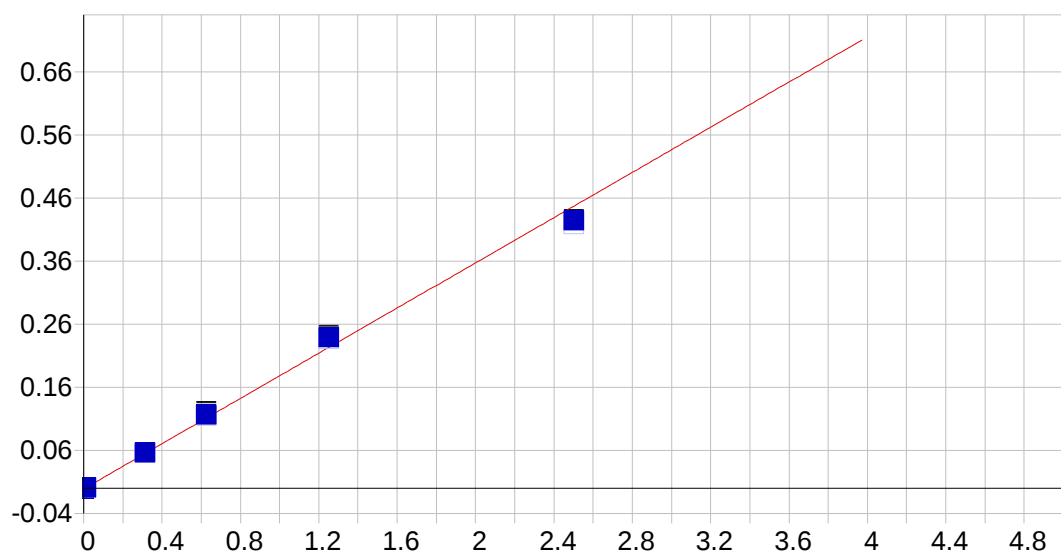


Ni 231.604 {446}

Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001689 Re-Slope: 1.000000
 A1 (Gain): 0.524573 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.000128
 Predicted MDL: 0.000402
 Predicted MQL: 0.001338

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00169	.000	1
S1	.04000	.04194	.002	4.85	.02032	.000	1
S2	.62500	.63341	.008	1.35	.33125	.003	1
S3	1.2500	1.2702	.020	1.61	.66596	.024	1
S4	2.5000	2.5137	.014	.548	1.3196	.016	1
S5	5.0000	4.9558	-.044	-.884	2.6034	.069	1

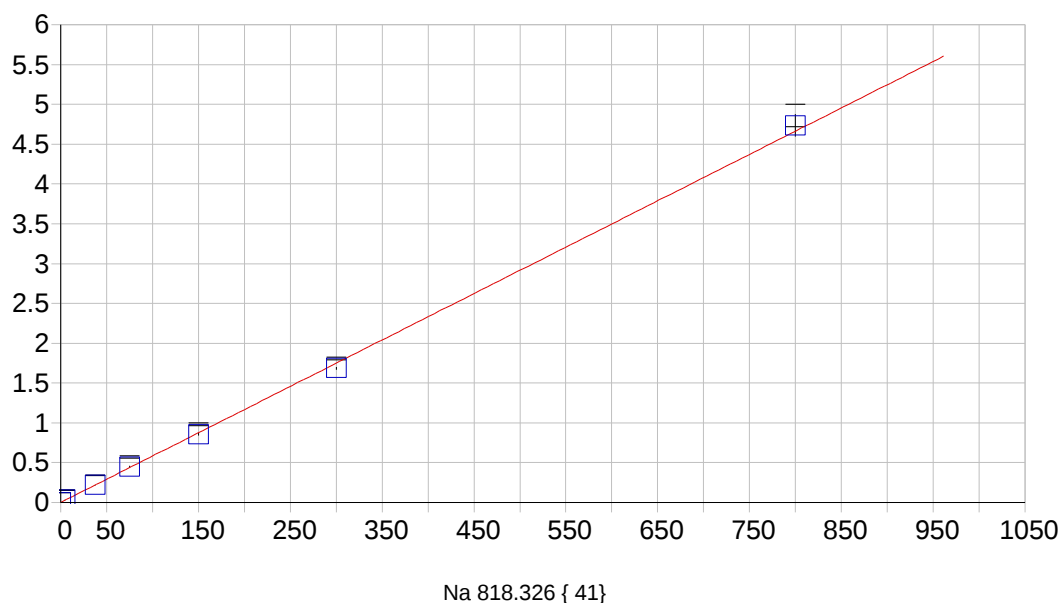


Ag 328.068 {103}

Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000911 Re-Slope: 1.000000
 A1 (Gain): 0.179016 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998415 Status: OK.
 Std Error of Est: 0.000084
 Predicted MDL: 0.000479
 Predicted MQL: 0.001598

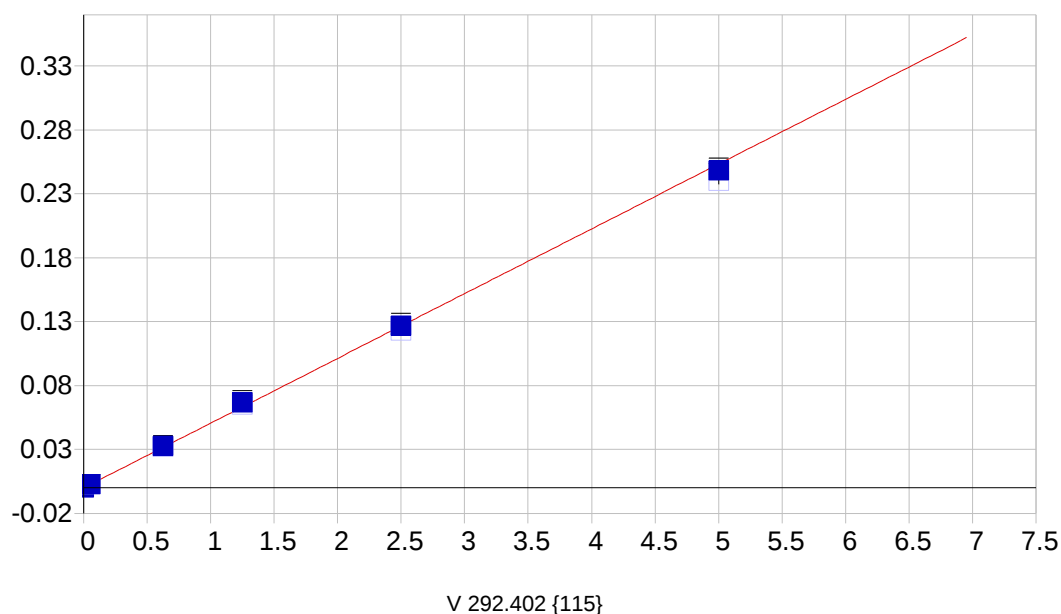
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00091	.000	1
S1	.01000	.01061	.001	6.12	.00098	.000	1
S2	.31250	.31851	.006	1.92	.05539	.001	1
S3	.62500	.65581	.031	4.93	.11505	.005	1
S4	1.2500	1.3396	.090	7.17	.23603	.004	1
S5	2.5000	2.3730	-.127	-5.08	.41815	.002	1



Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001256 Re-Slope: 1.000000
 A1 (Gain): 0.005827 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999741 Status: OK.
 Std Error of Est: 0.000410
 Predicted MDL: 0.242173
 Predicted MQL: 0.807244

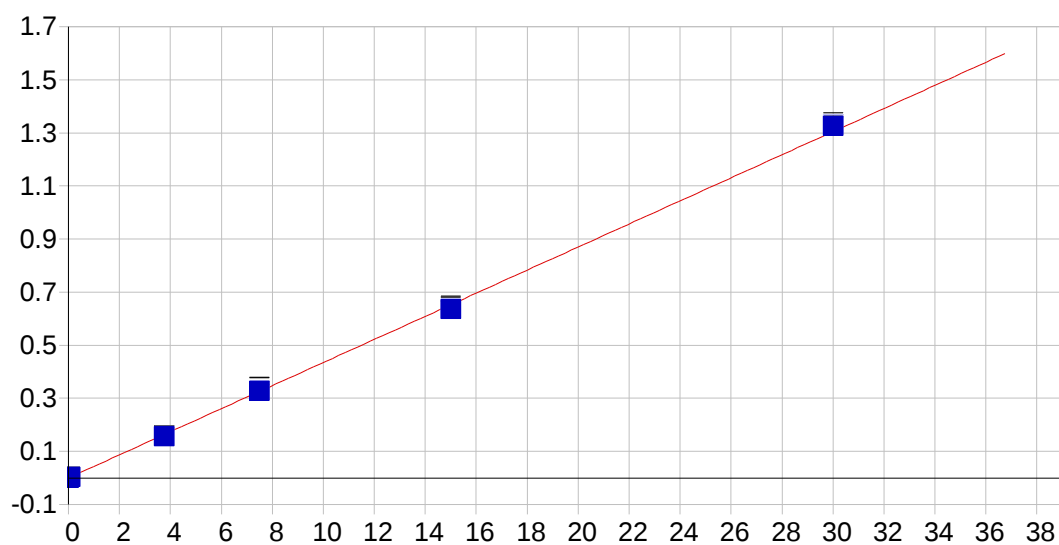
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00126	.001	1
S1	5.0000	5.1786	.179	3.57	.03143	.000	1
S2	37.500	37.116	-.384	-1.03	.21753	.001	1
S3	75.000	76.891	1.89	2.52	.44931	.014	1
S4	150.00	146.84	-3.16	-2.11	.85692	.016	1
S5	300.00	289.14	-10.9	-3.62	1.6861	.016	1
S6	800.00	812.34	12.3	1.54	4.7348	.142	1



Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000019 Re-Slope: 1.000000
 A1 (Gain): 0.050654 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999597 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.004734
 Predicted MQL: 0.015779

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00002	.000	1
S1	.05000	.05443	.004	8.86	.00273	.000	1
S2	.62500	.64700	.022	3.52	.03171	.000	1
S3	1.2500	1.3199	.070	5.59	.06475	.002	1
S4	2.5000	2.5043	.004	.172	.12266	.002	1
S5	5.0000	4.8993	-.101	-2.01	.23979	.002	1

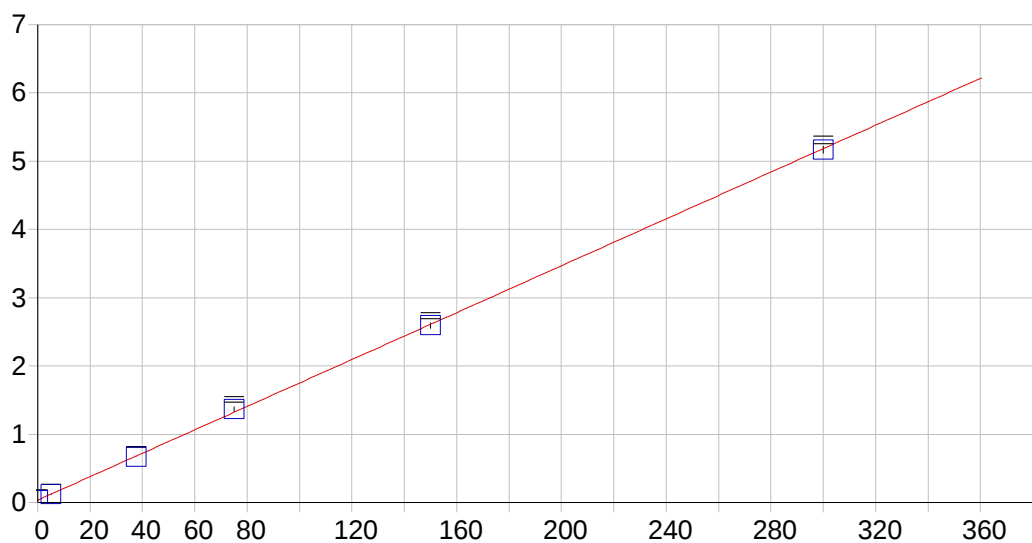


Zn 213.856 {158}

Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000118 Re-Slope: 1.000000
 A1 (Gain): 0.043496 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999799 Status: OK.
 Std Error of Est: 0.000062
 Predicted MDL: 0.007987
 Predicted MQL: 0.026624

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.06000	.06047	.000	.782	.00252	.000	1
S2	3.7500	3.6156	-.134	-3.58	.15791	.002	1
S3	7.5000	7.5201	.020	.268	.32851	.014	1
S4	15.000	14.617	-.383	-2.56	.63871	.009	1
S5	30.000	30.497	.497	1.66	1.3325	.006	1

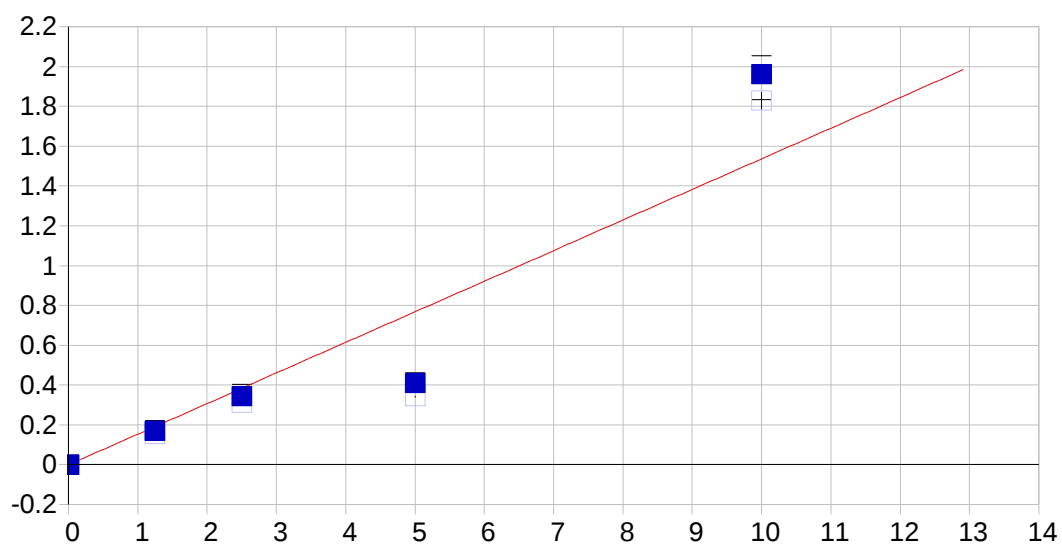


K 769.896 { 44}

Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.035761	Re-Slope: 1.000000
A1 (Gain):	0.017161	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999908	Status: OK.
Std Error of Est:	0.000479	
Predicted MDL:	0.064193	
Predicted MQL:	0.213975	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00010	.000	.000	.03576	.003	1
S1	5.0000	5.0691	.069	1.38	.12275	.002	1
S2	37.500	36.856	-.644	-1.72	.66823	.005	1
S3	75.000	77.489	2.49	3.32	1.3655	.043	1
S4	150.00	149.02	-.976	-.650	2.5931	.042	1
S5	300.00	299.06	-.938	-.313	5.1678	.055	1

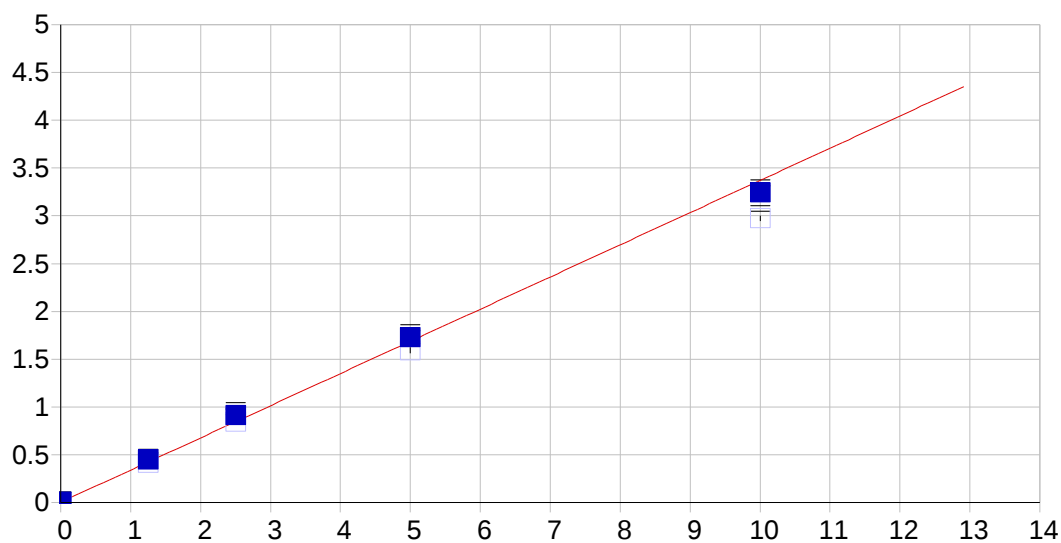


P 177.495 {490}

Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000661 Re-Slope: 1.000000
 A1 (Gain): 0.153713 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.944131 Status: OK.
 Std Error of Est: 0.000822
 Predicted MDL: 0.000459
 Predicted MQL: 0.001529

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00066	.000	1
S1	.01000	.00186	-.008	-81.4	-.00047	.000	1
S2	1.2500	1.1099	-.140	-11.2	.15337	.002	1
S3	2.5000	2.2300	-.270	-10.8	.30897	.011	1
S4	5.0000	2.6593	-2.34	-46.8	.34181	.005	1
S5	10.000	12.759	2.76	27.6	1.8280	.044	1

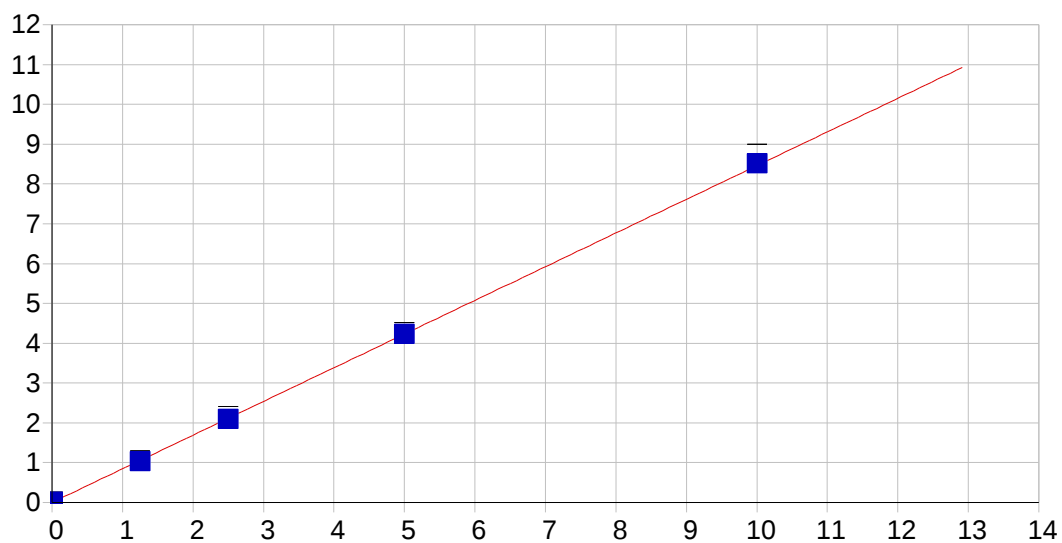


B 249.678 {135}

Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002656 Re-Slope: 1.000000
 A1 (Gain): 0.336803 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998809 Status: OK.
 Std Error of Est: 0.000254
 Predicted MDL: 0.001083
 Predicted MQL: 0.003609

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00266	.000	1
S1	.01000	.00780	-.002	-22.0	.00521	.000	1
S2	1.2500	1.3253	.075	6.03	.41568	.004	1
S3	2.5000	2.6959	.196	7.84	.84395	.028	1
S4	5.0000	5.1167	.117	2.33	1.5926	.031	1
S5	10.000	9.6144	-.386	-3.86	2.9740	.029	1

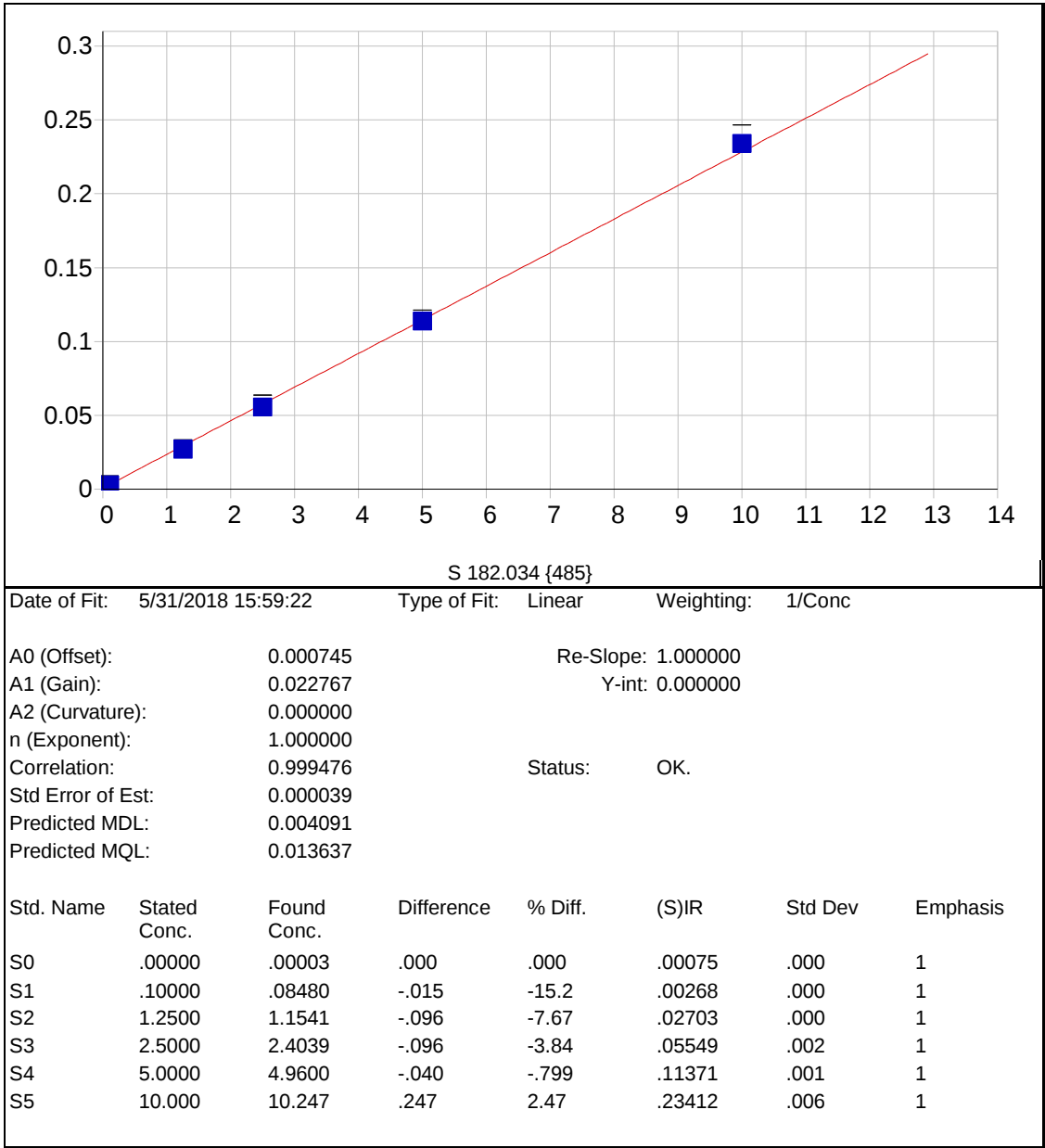


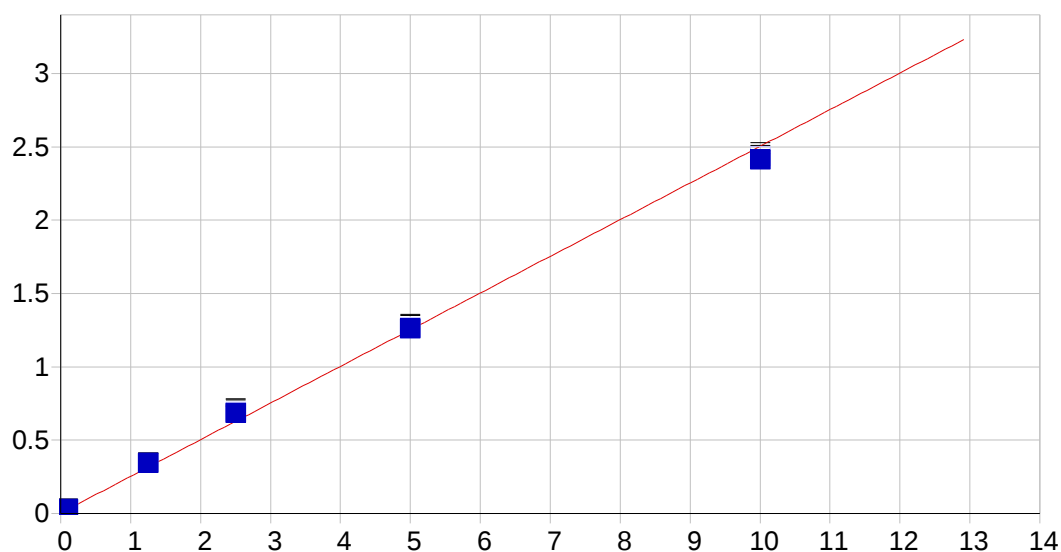
Mo 202.030 {467}

Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000396 Re-Slope: 1.000000
 A1 (Gain): 0.845990 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000117
 Predicted MDL: 0.000261
 Predicted MQL: 0.000870

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00040	.000	1
S1	.01000	.01025	.000	2.54	.00907	.000	1
S2	1.2500	1.2264	-.024	-1.89	1.0379	.008	1
S3	2.5000	2.4670	-.033	-1.32	2.0873	.071	1
S4	5.0000	4.9951	-.005	-.099	4.2260	.044	1
S5	10.000	10.061	.061	.613	8.5118	.236	1



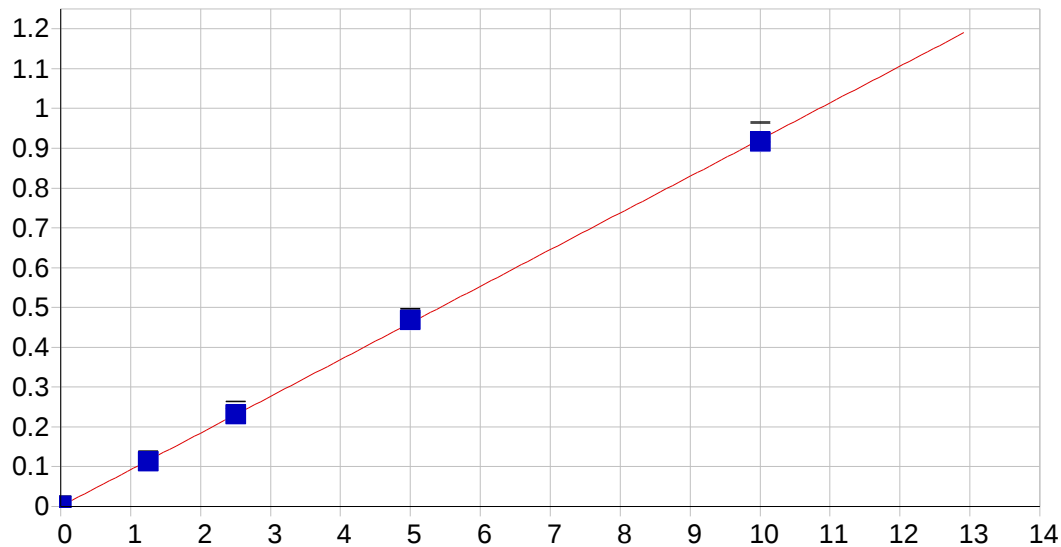


Si 251.611 {134}

Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003385 Re-Slope: 1.000000
 A1 (Gain): 0.249992 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998873 Status: OK.
 Std Error of Est: 0.000636
 Predicted MDL: 0.001326
 Predicted MQL: 0.004419

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00338	.000	1
S1	.10000	.09997	.000	-.033	.02846	.000	1
S2	1.2500	1.3591	.109	8.73	.34572	.002	1
S3	2.5000	2.7274	.227	9.10	.69033	.023	1
S4	5.0000	5.0231	.023	.461	1.2694	.023	1
S5	10.000	9.6404	-.360	-3.60	2.4339	.028	1

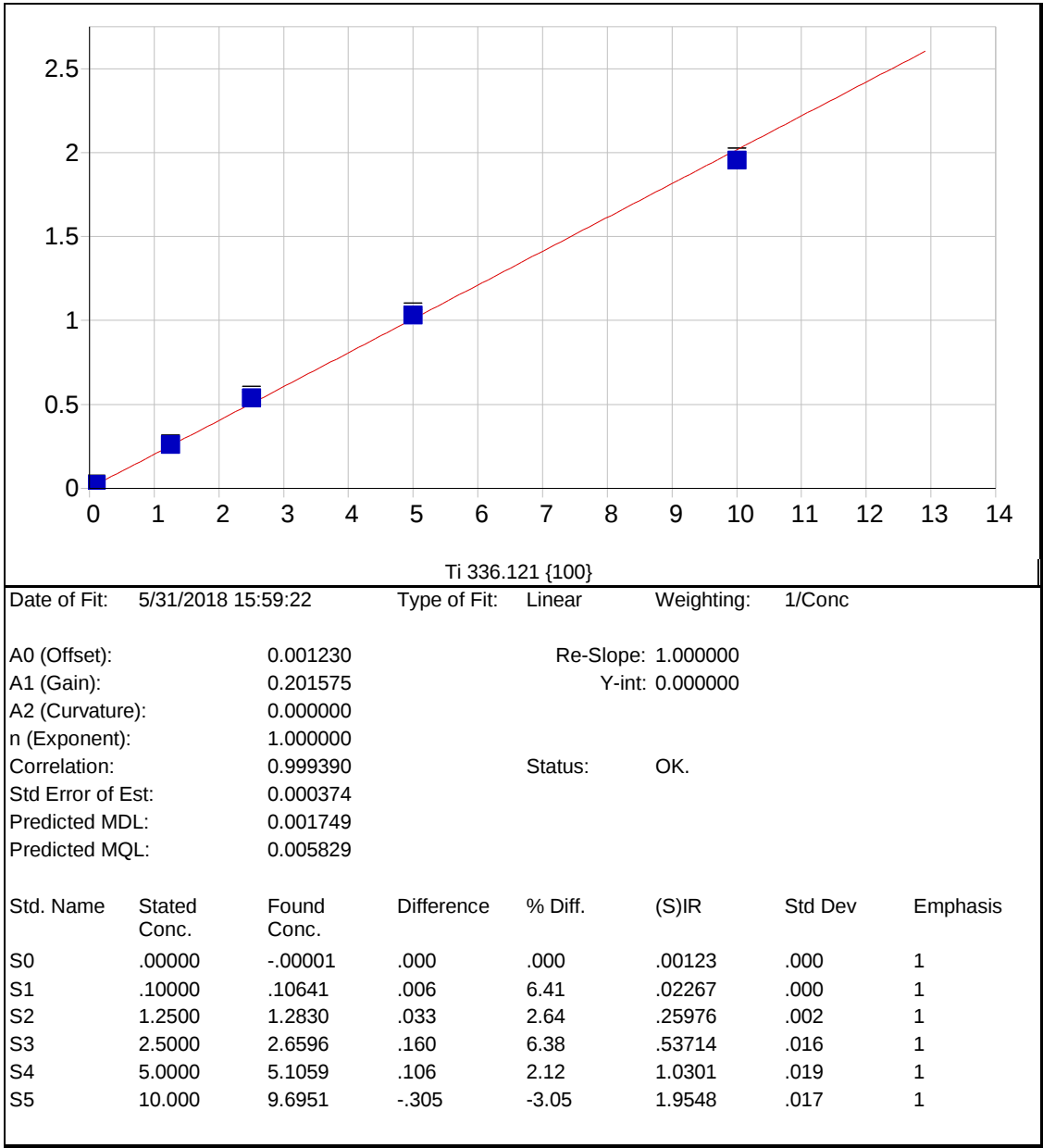


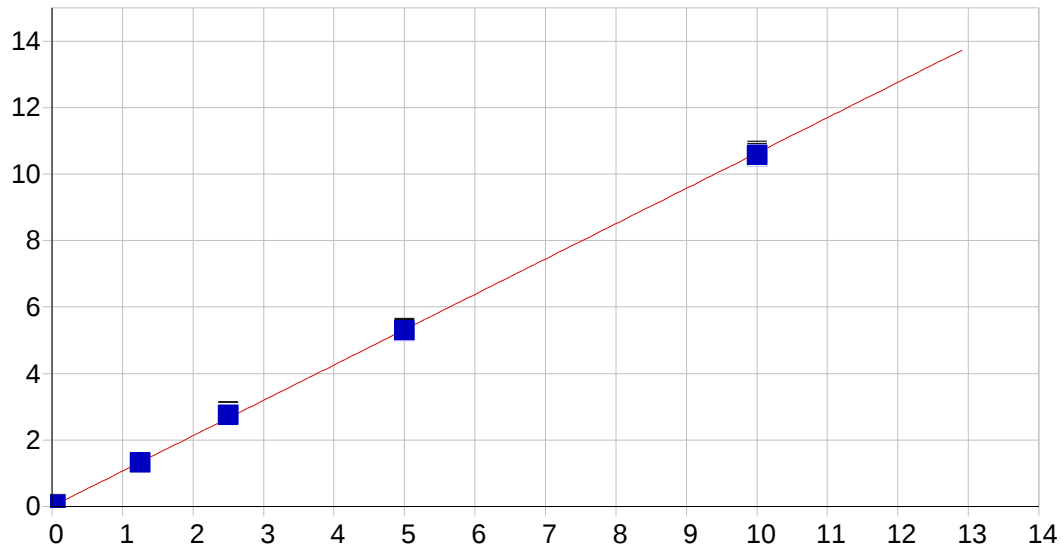
Sn 189.989 {478}

Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000218 Re-Slope: 1.000000
 A1 (Gain): 0.092154 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.001009
 Predicted MQL: 0.003364

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.00700	.00639	-.001	-8.71	.00078	.000	1
S2	1.2500	1.2282	-.022	-1.75	.11314	.001	1
S3	2.5000	2.5033	.003	.134	.23040	.008	1
S4	5.0000	5.0753	.075	1.51	.46690	.005	1
S5	10.000	9.9438	-.056	-.562	.91454	.024	1





Li 670.784 { 50}

Date of Fit: 5/31/2018 15:59:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003823 Re-Slope: 1.000000
 A1 (Gain): 1.062932 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895 Status: OK.
 Std Error of Est: 0.000574
 Predicted MDL: 0.001363
 Predicted MQL: 0.004543

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00382	.001	1
S5	10.000	9.9439	-.056	-.561	10.514	.114	1
S4	5.0000	4.9785	-.022	-.430	5.2657	.073	1
S3	2.5000	2.5914	.091	3.66	2.7434	.094	1
S2	1.2500	1.2366	-.013	-1.07	1.3108	.010	1
S1	.05000	.04958	.000	-.844	.05642	.002	1



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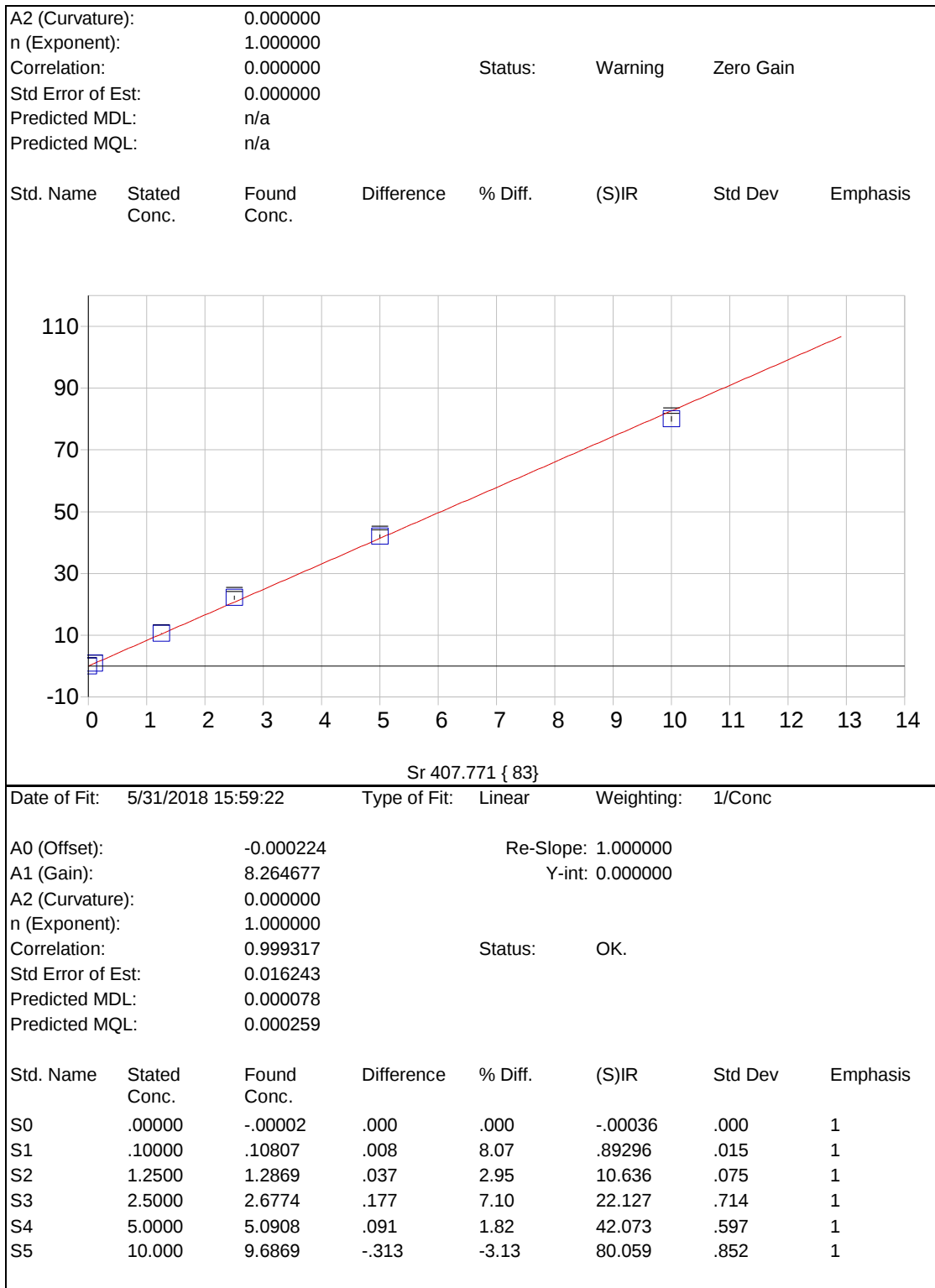


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 5/31/2018 12:00:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00032	-.00023	-.00007	.00052	.00063	.00102	-.01298	-.00192
Stddev	.00002	.00008	.00003	.00017	.00021	.00028	.00055	.00031
%RSD	7.1257	35.252	48.260	32.237	33.035	27.763	4.2305	16.172

#1	-.00032	-.00028	-.00010	.00037	.00078	.00076	-.01247	-.00165
#2	-.00030	-.00014	-.00006	.00048	.00072	.00098	-.01357	-.00185
#3	-.00034	-.00028	-.00004	.00070	.00039	.00132	-.01291	-.00226

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	.00079	.00116	.00000	-.00052	.00043	.00013	-.00006	-.00015
Stddev	.00015	.00045	.0000	.00014	.00016	.00011	.00010	.00009
%RSD	18.849	38.742	94.469	26.829	37.432	83.153	156.13	59.090

#1	.00085	.00108	.00000	-.00057	.00033	.00001	-.00006	-.00019
#2	.00062	.00076	-.00001	-.00037	.00061	.00021	.00003	-.00021
#3	.00091	.00165	-.00001	-.00064	.00034	.00017	-.00016	-.00005

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	-.00169	-.00091	.00126	-.00002	-.00012	.03576	-.00066	.00266
Stddev	.00013	.00004	.00082	.00014	.00016	.00251	.00002	.00048
%RSD	7.4926	4.9316	65.448	716.52	138.38	7.0122	3.2027	17.890

#1	-.00165	-.00093	.00217	-.00009	.00007	.03431	-.00064	.00272
#2	-.00159	-.00095	.00101	-.00011	-.00019	.03431	-.00066	.00215
#3	-.00183	-.00086	.00059	.00014	-.00023	.03865	-.00068	.00310

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	.00040	.00075	.00338	.00022	.00123	.00382	-.00036	
Stddev	.00002	.00008	.00034	.00001	.00022	.00077	.00030	
%RSD	5.0003	10.715	10.041	4.8531	17.918	20.152	82.882	

#1	.00042	.00080	.00299	.00021	.00147	.00363	-.00066	
#2	.00039	.00079	.00359	.00023	.00105	.00317	-.00037	
#3	.00038	.00065	.00357	.00021	.00116	.00467	-.00006	

Sample Name: S0 Acquired: 5/31/2018 12:00:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2313.3	2495.8	59967.	7486.2	4047.0
Stddev	14.2	86.1	157.	228.1	149.9
%RSD	.61415	3.4507	.26121	3.0467	3.7035
#1	2307.7	2396.5	59919.	7669.9	3874.1
#2	2329.4	2541.7	60142.	7557.9	4126.7
#3	2302.7	2549.3	59840.	7230.9	4140.2

Sample Name: S1 Acquired: 5/31/2018 12:04:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00003	.00077	.00138	.00283	.01037	.01414	.64424	.02174
Stddev	.00004	.00002	.00024	.00019	.00008	.00065	.01180	.00019
%RSD	170.15	2.5753	17.431	6.6011	.81457	4.6061	1.8318	.88957

#1	-.00007	.00075	.00158	.00272	.01037	.01357	.65786	.02152
#2	-.00002	.00078	.00111	.00305	.01028	.01485	.63711	.02184
#3	.00002	.00078	.00146	.00273	.01045	.01401	.63776	.02187

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	.01242	.16589	.00139	.03394	.00307	.00126	.00258	.02027
Stddev	.00029	.00366	.00002	.00037	.00017	.00013	.00008	.00058
%RSD	2.3368	2.2062	1.5892	1.0992	5.6324	10.072	3.0557	2.8623

#1	.01253	.17012	.00141	.03422	.00287	.00141	.00267	.02094
#2	.01263	.16364	.00137	.03408	.00314	.00119	.00252	.01993
#3	.01209	.16393	.00141	.03351	.00319	.00119	.00254	.01994

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	.02032	.00098	.03143	.00273	.00252	.12275	-.00047	.00521
Stddev	.00015	.00001	.00046	.00005	.00037	.00151	.00005	.00041
%RSD	.74985	1.3332	1.4628	1.9628	14.756	1.2297	9.4995	7.7766

#1	.02050	.00097	.03177	.00276	.00224	.12445	-.00043	.00507
#2	.02023	.00097	.03162	.00277	.00238	.12157	-.00048	.00567
#3	.02024	.00099	.03091	.00267	.00294	.12222	-.00052	.00490

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	.00907	.00268	.02846	.00078	.02267	.05642	.89296	
Stddev	.00013	.00009	.00025	.00006	.00033	.00209	.01468	
%RSD	1.4314	3.2121	.86638	7.4389	1.4429	3.7021	1.6435	

#1	.00916	.00274	.02861	.00074	.02305	.05870	.90985	
#2	.00913	.00271	.02818	.00085	.02250	.05594	.88566	
#3	.00892	.00258	.02860	.00075	.02247	.05461	.88336	

Sample Name: S1 Acquired: 5/31/2018 12:04:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2304.9	2517.4	59651.	7507.5	4095.4
Stddev	18.7	15.7	296.	87.4	26.2
%RSD	.81049	.62371	.49665	1.1648	.64029
#1	2285.7	2499.3	59328.	7407.0	4067.7
#2	2323.0	2527.1	59910.	7565.9	4098.8
#3	2305.9	2525.8	59714.	7549.8	4119.8

Sample Name: S2 Acquired: 5/31/2018 12:08:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03730	.05067	.84715	.07550	.19656	2.4603	7.7851	.57208
Stddev	.00045	.00065	.00700	.00051	.00168	.0213	.0849	.00436
%RSD	1.2077	1.2894	.82678	.67686	.85365	.86655	1.0901	.76219

#1	.03718	.05100	.84560	.07602	.19540	2.4770	7.8754	.57707
#2	.03693	.04992	.84105	.07500	.19579	2.4363	7.7070	.56904
#3	.03780	.05110	.85480	.07547	.19848	2.4676	7.7729	.57012

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	1.4565	1.9174	.50433	.43287	.32796	.37695	.58132	.24634
Stddev	.0159	.0133	.00399	.00356	.00254	.00407	.00244	.00199
%RSD	1.0883	.69283	.79195	.82219	.77502	1.0797	.41897	.80811

#1	1.4576	1.9308	.50360	.43236	.33087	.37999	.58411	.24697
#2	1.4401	1.9043	.50864	.42960	.32618	.37232	.58028	.24410
#3	1.4717	1.9170	.50075	.43666	.32683	.37852	.57958	.24793

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	.33125	.05539	.21753	.03171	.15791	.66823	.15337	.41568
Stddev	.00316	.00055	.00120	.00048	.00231	.00478	.00231	.00386
%RSD	.95349	.99866	.55264	1.5235	1.4644	.71582	1.5065	.92846

#1	.33011	.05479	.21712	.03213	.15525	.67271	.15386	.42004
#2	.32882	.05588	.21659	.03118	.15902	.66319	.15085	.41431
#3	.33482	.05550	.21889	.03182	.15946	.66878	.15539	.41270

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	1.0379	.02703	.34572	.11314	.25976	1.3108	10.636
Stddev	.0079	.00012	.00165	.00110	.00193	.0099	.075
%RSD	.76288	.42608	.47842	.97577	.74383	.75722	.70671

#1	1.0342	.02710	.34762	.11303	.26169	1.3211	10.715
#2	1.0325	.02690	.34495	.11210	.25783	1.3013	10.566
#3	1.0470	.02710	.34459	.11430	.25977	1.3100	10.625

Sample Name: S2 Acquired: 5/31/2018 12:08:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2259.1	2433.9	58709.	7624.5	3763.0
Stddev	17.9	14.2	570.	29.6	23.0
%RSD	.79391	.58214	.97138	.38792	.61209
#1	2279.5	2450.2	59147.	7611.2	3786.9
#2	2245.9	2426.7	58064.	7658.4	3761.1
#3	2251.9	2424.7	58916.	7603.9	3740.9

Sample Name: S3 Acquired: 5/31/2018 12:12:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.07629	.10109	1.7028	.15118	.39992	5.1373	16.329	1.1578
Stddev	.00220	.00403	.0605	.00544	.01468	.1648	.553	.0368
%RSD	2.8876	3.9907	3.5549	3.6013	3.6707	3.2076	3.3887	3.1795

#1	.07865	.10526	1.7661	.15688	.41544	5.0678	16.070	1.1511
#2	.07429	.09720	1.6455	.14603	.38626	5.0186	15.953	1.1249
#3	.07592	.10081	1.6968	.15062	.39807	5.3254	16.964	1.1976

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	2.9181	3.9640	1.0087	.86895	.67758	.77378	1.1983	.51529
Stddev	.1076	.1343	.0448	.03395	.02256	.02240	.0405	.01506
%RSD	3.6862	3.3890	4.4368	3.9073	3.3294	2.8954	3.3804	2.9225

#1	3.0303	3.8995	.98755	.90491	.66933	.76393	1.1837	.51046
#2	2.8159	3.8741	.97850	.83744	.66030	.75799	1.1670	.50323
#3	2.9082	4.1185	1.0601	.86450	.70310	.79942	1.2440	.53217

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	.66596	.11505	.44931	.06475	.32851	1.3655	.30897	.84395
Stddev	.02429	.00478	.01384	.00171	.01401	.0432	.01073	.02844
%RSD	3.6473	4.1571	3.0792	2.6418	4.2652	3.1606	3.4736	3.3700

#1	.69130	.11267	.44393	.06411	.32241	1.3443	.32000	.83741
#2	.64287	.11194	.43897	.06345	.31858	1.3371	.29857	.81935
#3	.66370	.12056	.46503	.06669	.34454	1.4152	.30834	.87510

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	2.0873	.05549	.69033	.23040	.53714	2.7434	22.127	
Stddev	.0710	.00191	.02307	.00843	.01566	.0936	.714	
%RSD	3.4001	3.4336	3.3425	3.6571	2.9155	3.4127	3.2277	

#1	2.1611	.05746	.68545	.23922	.53127	2.6995	21.837	
#2	2.0196	.05366	.67010	.22243	.52527	2.6798	21.605	
#3	2.0812	.05536	.71546	.22955	.55489	2.8509	22.941	

Sample Name: S3 Acquired: 5/31/2018 12:12:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2144.1	2361.4	56580.	7356.5	3591.2
Stddev	83.3	69.8	2178.	180.1	115.3
%RSD	3.8864	2.9564	3.8492	2.4477	3.2114
#1	2192.6	2287.1	57855.	7415.5	3470.5
#2	2191.9	2425.7	57819.	7499.6	3700.3
#3	2047.9	2371.4	54065.	7154.3	3602.6

Sample Name: S4 Acquired: 5/31/2018 12:16:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.15576	.19465	3.4025	.30516	.82281	9.9476	31.145	2.1625
Stddev	.00181	.00288	.0364	.00346	.00722	.1646	.377	.0390
%RSD	1.1627	1.4782	1.0701	1.1352	.87749	1.6543	1.2089	1.8028

#1	.15683	.19576	3.4171	.30639	.82665	9.9054	31.053	2.1771
#2	.15367	.19138	3.3610	.30125	.81449	10.129	31.559	2.1921
#3	.15678	.19680	3.4293	.30785	.82731	9.8082	30.823	2.1183

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	5.7450	7.4327	1.8867	1.7290	1.2941	1.4450	2.2181	.98822
Stddev	.0660	.0944	.0364	.0198	.0186	.0268	.0222	.01831
%RSD	1.1495	1.2701	1.9308	1.1474	1.4355	1.8520	1.0011	1.8528

#1	5.7698	7.4120	1.9034	1.7391	1.2910	1.4407	2.2180	.98398
#2	5.6702	7.5357	1.8449	1.7062	1.3141	1.4737	2.2404	1.0083
#3	5.7951	7.3503	1.9117	1.7418	1.2773	1.4207	2.1960	.97240

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	1.3196	.23603	.85692	.12266	.63871	2.5931	.34181	1.5926
Stddev	.0163	.00359	.01636	.00206	.00854	.0420	.00476	.0314
%RSD	1.2338	1.5225	1.9088	1.6826	1.3377	1.6176	1.3934	1.9724

#1	1.3273	.23648	.85312	.12202	.64232	2.5835	.34326	1.6044
#2	1.3009	.23222	.87485	.12496	.62896	2.6390	.33650	1.6164
#3	1.3307	.23937	.84280	.12099	.64486	2.5568	.34569	1.5570

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	4.2260	.11371	1.2694	.46690	1.0301	5.2657	42.073	
Stddev	.0438	.00135	.0229	.00487	.0187	.0725	.597	
%RSD	1.0362	1.1896	1.8073	1.0434	1.8105	1.3775	1.4198	

#1	4.2448	.11459	1.2785	.46872	1.0237	5.2391	41.944	
#2	4.1759	.11215	1.2863	.46138	1.0511	5.3478	42.725	
#3	4.2572	.11438	1.2432	.47061	1.0154	5.2103	41.551	

Sample Name: S4 Acquired: 5/31/2018 12:16:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2087.0	2178.4	56334.	7442.1	3298.4
Stddev	34.2	19.7	954.	140.4	31.6
%RSD	1.6390	.90620	1.6941	1.8861	.95892
#1	2074.8	2166.2	55917.	7431.7	3281.1
#2	2125.7	2201.1	57426.	7307.3	3334.9
#3	2060.7	2167.7	55659.	7587.4	3279.1

Sample Name: S5 Acquired: 5/31/2018 12:19:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.32921	.37689	6.8060	.63392	1.7509	19.951	59.460	4.2730
Stddev	.00912	.00854	.1762	.01698	.0470	.211	.650	.0414
%RSD	2.7697	2.2662	2.5896	2.6790	2.6837	1.0591	1.0928	.96866

#1	.31873	.36717	6.6061	.61479	1.6978	19.712	58.820	4.2385
#2	.33362	.38031	6.8729	.63972	1.7681	20.033	60.119	4.3189
#3	.33529	.38319	6.9389	.64724	1.7869	20.110	59.442	4.2618

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	11.257	14.417	3.5903	3.4000	2.5008	2.8247	4.2389	2.0007
Stddev	.290	.142	.0210	.0842	.0264	.0385	.0532	.0250
%RSD	2.5779	.98410	.58516	2.4759	1.0541	1.3633	1.2559	1.2487

#1	10.931	14.274	3.5801	3.3049	2.4743	2.7837	4.1896	1.9730
#2	11.353	14.421	3.6145	3.4299	2.5012	2.8601	4.2317	2.0215
#3	11.487	14.557	3.5764	3.4651	2.5270	2.8304	4.2954	2.0077

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	2.6034	.41815	1.6861	.23979	1.3325	5.1678	1.8280	2.9740
Stddev	.0688	.00209	.0161	.00225	.0060	.0553	.0444	.0293
%RSD	2.6420	.49869	.95602	.93850	.45161	1.0707	2.4266	.98564

#1	2.5254	.41581	1.6675	.23733	1.3313	5.1078	1.7773	2.9479
#2	2.6292	.41982	1.6956	.24174	1.3272	5.1789	1.8473	3.0057
#3	2.6555	.41883	1.6951	.24031	1.3391	5.2168	1.8595	2.9685

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	8.5118	.23412	2.4339	.91454	1.9548	10.514	80.059	
Stddev	.2364	.00626	.0281	.02446	.0171	.114	.852	
%RSD	2.7776	2.6754	1.1543	2.6749	.87553	1.0883	1.0636	

#1	8.2436	.22695	2.4102	.88653	1.9353	10.396	79.083	
#2	8.6015	.23684	2.4649	.92535	1.9615	10.521	80.653	
#3	8.6902	.23856	2.4266	.93173	1.9675	10.625	80.440	

Sample Name: S5 Acquired: 5/31/2018 12:19:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.0	1968.6	54495.	7392.2	3027.6
Stddev	10.1	48.4	87.	65.1	69.9
%RSD	.51595	2.4586	.16037	.88033	2.3074
#1	1947.4	2023.7	54537.	7465.9	3107.2
#2	1963.6	1949.7	54395.	7342.9	2999.5
#3	1945.0	1932.6	54554.	7367.6	2976.2

Sample Name: S6 Acquired: 5/31/2018 12:23:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	53.711	24.203	7.6654	3.3394	4.7348
Stddev	1.800	.677	.2690	.1169	.1422
%RSD	3.3502	2.7962	3.5094	3.5003	3.0041

#1	51.975	23.469	7.3822	3.2175	4.5851
#2	53.591	24.339	7.6965	3.3502	4.7513
#3	55.568	24.801	7.9176	3.4506	4.8682

Int. Std.	Y_3710
Units	Cts/S
Avg	7265.3
Stddev	202.1
%RSD	2.7820

#1	7471.6
#2	7256.8
#3	7067.6

Sample Name: ICV Acquired: 5/31/2018 12:28:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) 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	.9256117	1.074172	.9353396	.9466342	.9302571	2.372816
Stddev	.0111897	.002257	.0039201	.0056711	.0039212	.024284
%RSD	1.208902	.2100741	.4191111	.5990846	.4215139	1.023445

#1	.9337125	1.076181	.9395844	.9531433	.9347298	2.360199
#2	.9128439	1.074606	.9318558	.9440009	.9274109	2.357436
#3	.9302785	1.071730	.9345785	.9427584	.9286307	2.400812

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5086009	.5065289	.4778898	10.34163	.5278324	.4731681
Stddev	.0074281	.0046272	.0010042	.15197	.0152034	.0016991
%RSD	1.460497	.9135149	.2101431	1.469532	2.880354	.3590886

#1	.5083994	.5056764	.4790494	10.34673	.5166507	.4749770
#2	.5012756	.5023872	.4773143	10.18716	.5451438	.4716057
#3	.5161277	.5115231	.4773056	10.49098	.5217026	.4729216

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5225229	5.443560	.5261039	5.877416	.4915326	.4667805
Stddev	.0027813	.043007	.0067760	.127837	.0016605	.0152947
%RSD	.5322868	.7900576	1.287948	2.175062	.3378178	3.276627

#1	.5247557	5.454022	.5255760	5.842417	.4934463	.4530108
#2	.5194074	5.396286	.5196074	5.770723	.4904744	.4832426
#3	.5234057	5.480370	.5331284	6.019108	.4906770	.4640883

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.892968	.5296605	.9466829	9.350540	F .0139068	F .0078222
Stddev	.122149	.0110252	.0312575	.152919	.0003682	.0002737
%RSD	1.234710	2.081551	3.301789	1.635401	2.647511	3.498621

#1	9.752745	.5273836	.9226990	9.381146	.0139640	.0081365
#2	9.949902	.5199516	.9820331	9.184632	.0135133	.0076939
#3	9.976256	.5416464	.9353166	9.485841	.0142430	.0076363

Sample Name: ICV Acquired: 5/31/2018 12:28:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) 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 -.000087	.0153368	.0052681	F -.001219	-.000860	.0051998
Stddev	.000304	.0018934	.0031656	.000158	.001738	.0006351
%RSD	348.5033	12.34529	60.08976	12.99472	202.0479	12.21449

#1	.000034	.0164846	.0087777	-.001336	-.002801	.0056460
#2	.000137	.0131514	.0026286	-.001282	-.000329	.0054808
#3	-.000434	.0163743	.0043980	-.001039	.000550	.0044727

Elem	Sr4077
Units	ppm
Avg	.0117801
Stddev	.0001232
%RSD	1.045930

#1	.0117263
#2	.0116930
#3	.0119211

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2391.045	2558.874	62111.32	7843.508	4183.279
Stddev	76.874	8.114	1670.76	108.109	11.593
%RSD	3.215081	.3170969	2.689949	1.378329	.2771263

#1	2463.113	2549.505	63527.51	7873.480	4170.172
#2	2310.131	2563.561	60268.66	7933.470	4192.187
#3	2399.890	2563.556	62537.81	7723.575	4187.479

Sample Name: ICB Acquired: 5/31/2018 12:32:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) 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	.0013589	.0004209	-.000876	-.000260	.0000767	-.003232	-.000139
Stddev	.0022821	.0019680	.001559	.000755	.0009491	.003300	.000177
%RSD	167.9418	467.5612	177.9463	290.9725	1237.408	102.0832	127.5142

#1	.0000277	-.001627	.000920	-.001114	.0002613	-.005424	-.000338
#2	.0039940	.002297	-.001676	.000319	-.000951	-.004836	-.000079
#3	.0000549	.000592	-.001872	.000016	.000920	.000563	.000000

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000265	-.000079	-.004493	-.000106	.0001415	.0015785	-.009983
Stddev	.0000305	.000109	.003199	.000145	.0000650	.0019107	.009296
%RSD	115.0985	137.3468	71.21039	136.5855	45.88820	121.0469	93.11477

#1	.0000475	-.000060	-.007569	.000021	.0002014	.0023350	-.007036
#2	.0000403	.000019	-.001183	-.000265	.0001508	.0029952	-.020395
#3	-.000008	-.000196	-.004727	-.000075	.0000725	-.000595	-.002518

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002328	.0052316	.0001182	.0006071	.0629968	-.002763	-.004813
Stddev	.0002377	.0133845	.0002015	.0003358	.1746739	.002981	.002086
%RSD	102.1321	255.8417	170.4563	55.31316	277.2744	107.8641	43.33768

#1	-.000004	-.009434	.0000431	.0006999	-.084366	-.002477	-.007167
#2	.000231	.008341	-.000035	.0008867	.017413	-.005877	-.003195
#3	.000472	.016788	.000346	.0002346	.255943	.000063	-.004078

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.092923	-.000775	-.000794	-.000315	.0143744	-.005433	-.001614
Stddev	.074998	.000127	.000808	.000146	.0042813	.000013	.000524
%RSD	80.70989	16.43155	101.7458	46.43428	29.78419	.2389419	32.43597

#1	-.155909	-.000906	.000063	-.000483	.0114753	-.005430	-.001348
#2	-.009959	-.000651	-.000904	-.000228	.0192918	-.005448	-.002217
#3	-.112902	-.000769	-.001541	-.000233	.0123561	-.005423	-.001276

Sample Name: ICB Acquired: 5/31/2018 12:32:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) 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	.0011378	.0014703	-.000004
Stddev	.0014075	.0012075	.000087
%RSD	123.6983	82.12772	2468.510

#1	.0024376	.0026263	.000067
#2	-.000357	.0002171	.000023
#3	.001333	.0015675	-.000100

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2403.457	2616.273	62312.32	7732.333	4304.680
Stddev	7.258	50.127	397.46	210.492	78.251
%RSD	.3019693	1.915969	.6378570	2.722234	1.817808

#1	2396.412	2617.007	61891.21	7794.350	4311.112
#2	2410.910	2565.783	62364.82	7497.800	4223.411
#3	2403.050	2666.028	62680.92	7904.850	4379.516

Sample Name: ICSA Acquired: 5/31/2018 12:36:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) 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	.0020676	-.003737	-.005747	.0070209	.0030918	244.0231
Stddev	.0043404	.003859	.002282	.0020536	.0015852	14.9096
%RSD	209.9298	103.2585	39.70864	29.24924	51.27176	6.109917

#1	.0031261	-.008019	-.008377	.0086536	.0017245	236.2450
#2	.0057808	-.000530	-.004563	.0047153	.0048293	234.6109
#3	-.002704	-.002662	-.004300	.0076939	.0027216	261.2133

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055561	.0011020	-.000671	251.5423	.0512435	-.000527
Stddev	.0002927	.0000198	.000334	15.3777	.0003664	.000495
%RSD	5.268979	1.793107	49.73870	6.113371	.7151080	93.84256

#1	.0056371	.0011220	-.000546	243.2277	.0512120	.000020
#2	.0057998	.0010825	-.000418	242.1119	.0516247	-.000943
#3	.0052314	.0011015	-.001050	269.2872	.0508938	-.000658

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002736	103.3589	.0116779	256.5424	.0014997	-.002923
Stddev	.003131	6.2656	.0004046	16.2000	.0003095	.000490
%RSD	114.4178	6.062009	3.464972	6.314737	20.64022	16.74796

#1	-.001973	100.3866	.0113500	248.8320	.0014837	-.002777
#2	-.000058	99.1326	.0115535	245.6377	.0018169	-.003469
#3	-.006179	110.5575	.0121301	275.1573	.0011985	-.002523

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4218940	-.001656	-.014317	-.369585	-.006638	F .1137422
Stddev	.2218416	.003412	.007181	.141863	.000963	.0092096
%RSD	52.58229	206.0221	50.16117	38.38445	14.51523	8.096882

#1	.2730623	.001387	-.020584	-.479924	-.007312	.1093850
#2	.3157538	-.001010	-.006480	-.419267	-.005534	.1075197
#3	.6768660	-.005345	-.015886	-.209563	-.007067	.1243218

Sample Name: ICSA Acquired: 5/31/2018 12:36:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) 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	.0010609	.0189878	-.007823	-.006805	-.001368	.0049312
Stddev	.0002564	.0055735	.000478	.001688	.000161	.0015230
%RSD	24.16933	29.35297	6.109991	24.80150	11.77496	30.88557

#1	.0012602	.0218680	-.008311	-.008681	-.001501	.0047179
#2	.0007716	.0225320	-.007355	-.005409	-.001189	.0035261
#3	.0011509	.0125636	-.007803	-.006326	-.001414	.0065497

Elem	Sr4077
Units	ppm
Avg	.1028134
Stddev	.0061517
%RSD	5.983393

#1	.0993677
#2	.0991567
#3	.1099157

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2228.197	2334.090	57984.05	7592.538	3509.252
Stddev	27.366	60.366	746.56	373.427	79.451
%RSD	1.228166	2.586260	1.287520	4.918341	2.264040

#1	2259.095	2398.214	58822.06	7787.572	3594.571
#2	2218.482	2278.362	57740.12	7828.066	3437.387
#3	2207.013	2325.693	57389.97	7161.976	3495.798

Sample Name: ICSAB Acquired: 5/31/2018 12:40:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) 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	.0879103	.1026449	.0456636	.0497085	.5748208	255.3461
Stddev	.0010745	.0014117	.0011319	.0046209	.0043248	19.2333
%RSD	1.222311	1.375352	2.478742	9.295985	.7523815	7.532246

#1	.0882204	.1039085	.0444474	.0464094	.5792498	237.7880
#2	.0867148	.1011212	.0466862	.0477262	.5706083	252.3479
#3	.0887957	.1029050	.0458571	.0549898	.5746042	275.9025

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5546403	.5455363	.9931479	262.6263	.5807397	.4934308
Stddev	.0421762	.0341624	.0086365	20.1183	.0050206	.0040040
%RSD	7.604246	6.262172	.8696097	7.660443	.8645193	.8114645

#1	.5168095	.5146384	1.003094	244.7094	.5861416	.4978744
#2	.5469952	.5397471	.987541	258.7791	.5762163	.4901031
#3	.6001161	.5822234	.988809	284.3904	.5798613	.4923150

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5441318	108.1232	.5607041	267.8838	1.004141	.1917940
Stddev	.0446279	7.5546	.0456119	19.4522	.006772	.0013620
%RSD	8.201669	6.987054	8.134760	7.261421	.6743910	.7101151

#1	.5011338	101.1077	.5180191	249.6656	1.011958	.1926177
#2	.5410335	107.1409	.5553268	265.6149	1.000382	.1902219
#3	.5902281	116.1209	.6087663	288.3710	1.000082	.1925423

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4104718	.5573809	1.010709	-.492170	.0065232	F .1177345
Stddev	.1093388	.0419441	.003747	.188210	.0009294	.0082993
%RSD	26.63734	7.525220	.3707338	38.24088	14.24728	7.049149

#1	.5344920	.5154791	1.012070	-.635579	.0055625	.1105775
#2	.3279870	.5572962	1.006472	-.561882	.0074178	.1157937
#3	.3689364	.5993673	1.013586	-.279050	.0065892	.1268321

Sample Name: ICSAB Acquired: 5/31/2018 12:40:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) 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	.0010960	.0171445	-.008045	-.005682	-.003685	.0074339
Stddev	.0001896	.0064816	.000301	.000535	.000533	.0008214
%RSD	17.29902	37.80553	3.744036	9.420570	14.47168	11.04958

#1	.0011914	.0159999	-.007832	-.005839	-.003276	.0068287
#2	.0012190	.0241221	-.007914	-.005086	-.004289	.0071041
#3	.0008777	.0113115	-.008390	-.006122	-.003491	.0083690

Elem	Sr4077
Units	ppm
Avg	.1074910
Stddev	.0082782
%RSD	7.701319

#1	.1001157
#2	.1059123
#3	.1164448

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2212.171	2351.129	57291.98	7282.456	3547.054
Stddev	17.521	19.336	350.27	467.294	33.527
%RSD	.7920267	.8223938	.6113825	6.416706	.9452014

#1	2202.350	2328.927	56998.63	7710.174	3508.343
#2	2232.400	2364.276	57679.80	7353.476	3566.737
#3	2201.764	2360.183	57197.53	6783.717	3566.084

Sample Name: CCV092 Acquired: 5/31/2018 12:48:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.674224	4.632087	23.37159	4.628897	4.711795	408.8113
Stddev	.014941	.034435	.01073	.007258	.013057	3.1727
%RSD	.3196382	.7434058	.0459047	.1567993	.2771170	.7760804

#1	4.662285	4.595076	23.36202	4.624064	4.697241	405.2782
#2	4.690979	4.638006	23.36956	4.625384	4.722482	411.4168
#3	4.669408	4.663180	23.38319	4.637243	4.715663	409.7388

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.911113	.5029967	2.325826	397.8716	14.80616	2.332866
Stddev	.087527	.0075235	.003062	3.7846	.49588	.002457
%RSD	.8831172	1.495739	.1316372	.9512023	3.349134	.1053286

#1	9.812485	.4953674	2.322718	393.5272	14.67191	2.331971
#2	9.979539	.5032128	2.328839	399.6344	14.39124	2.330980
#3	9.941317	.5104098	2.325922	400.4532	15.35535	2.335644

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.82708	416.5842	14.53923	410.4213	2.359668	1.142057
Stddev	.11663	3.0389	.16039	3.7082	.005059	.035761
%RSD	.7866306	.7294827	1.103126	.9035193	.2144027	3.131317

#1	14.69267	413.1777	14.35714	406.3541	2.355568	1.138494
#2	14.90168	419.0166	14.60102	413.6143	2.365322	1.108211
#3	14.88689	417.5582	14.65952	411.2956	2.358114	1.179467

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	400.2750	2.509925	14.89676	150.4475	F 6.668692	5.134904
Stddev	2.5264	.025261	.36321	1.1159	.037091	.058241
%RSD	.6311625	1.006460	2.438208	.7417386	.5561979	1.134216

#1	397.3853	2.488110	14.85834	149.1682	6.626380	5.070604
#2	402.0664	2.537602	14.55428	151.2207	6.684097	5.149989
#3	401.3732	2.504063	15.27765	150.9535	6.695598	5.184118

Sample Name: CCV092 Acquired: 5/31/2018 12:48:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV092 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.629849	4.878327	4.862025	4.712854	4.946191	4.960551
Stddev	.014762	.020950	.052644	.020812	.030553	.029048
%RSD	.3188354	.4294499	1.082760	.4416091	.6176980	.5855881

#1	4.613656	4.856036	4.803394	4.688930	4.910946	4.930272
#2	4.633337	4.897611	4.877442	4.726786	4.962471	4.988188
#3	4.642554	4.881332	4.905239	4.722847	4.965156	4.963192

Elem	Sr4077
Units	ppm
Avg	4.951742
Stddev	.035112
%RSD	.7090756

#1	4.911464
#2	4.975892
#3	4.967871

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2031.692	2132.370	54863.41	7328.184	3180.805
Stddev	56.314	3.988	1434.70	53.751	3.501
%RSD	2.771758	.1870144	2.615043	.7334864	.1100614

#1	2035.618	2133.142	55110.10	7390.247	3181.931
#2	2085.941	2135.915	56158.78	7297.739	3183.603
#3	1973.519	2128.052	53321.36	7296.566	3176.879

Sample Name: CCB092 Acquired: 5/31/2018 12:52:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035835	.0034636	-.001039	-.000099	-.000650	.0121552	-.000476
Stddev	.0013172	.0011701	.000341	.001709	.000168	.0037246	.000584
%RSD	36.75748	33.78283	32.78122	1725.835	25.89669	30.64250	122.6218

#1	.0036931	.0040001	-.001178	.000818	-.000472	.0115462	-.000100
#2	.0022149	.0021214	-.001288	.000956	-.000671	.0161468	-.001149
#3	.0048424	.0042692	-.000651	-.002071	-.000806	.0087725	-.000179

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	-.000017	.0034989	.0002143	.0002895	-.001127	.0128213
Stddev	.000056	.000053	.0105111	.0005503	.0000262	.001185	.0074744
%RSD	207.7101	307.5241	300.4123	256.7895	9.034693	105.1108	58.29685

#1	.000012	-.000048	.0099363	.0008284	.0003191	-.002384	.0067764
#2	-.000091	-.000049	.0091910	-.000234	.0002800	-.000031	.0211786
#3	-.000002	.000044	-.008631	.000049	.0002695	-.000967	.0105088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012683	.0190565	.0001928	.0006433	-.221646	.0002598	-.004180
Stddev	.0015441	.0604705	.0002370	.0002299	.142530	.0039545	.002008
%RSD	121.7474	317.3216	122.9539	35.73363	64.30520	1522.377	48.04064

#1	.0024840	-.029993	.0000095	.0006175	-.101564	-.002001	-.003828
#2	-.000469	.086619	.0004604	.0008850	-.184218	.004826	-.006340
#3	.001790	.000544	.0001084	.0004275	-.379155	-.002046	-.002371

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.165443	-.000883	.0002288	-.000057	.0085042	-.007727	-.000913
Stddev	.045115	.000096	.0001594	.000169	.0012939	.000498	.000818
%RSD	27.26887	10.91007	69.65382	296.2816	15.21524	6.440552	89.56492

#1	-.216092	-.000822	.0000544	.000036	.0074165	-.007192	-.000146
#2	-.129565	-.000994	.0003669	.000045	.0099352	-.008177	-.001774
#3	-.150674	-.000833	.0002652	-.000253	.0081609	-.007812	-.000819

Sample Name: CCB092 Acquired: 5/31/2018 12:52:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB092 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000092	.0016831	.0001480
Stddev	.000807	.0009392	.0000662
%RSD	880.1418	55.79790	44.76210

#1	-.000408	.0008361	.0001713
#2	-.000693	.0026931	.0001994
#3	.000826	.0015202	.0000732

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2383.151	2524.706	61978.02	7794.092	4198.679
Stddev	17.633	12.761	456.41	68.039	28.601
%RSD	.7399017	.5054463	.7364026	.8729619	.6811940

#1	2388.967	2538.161	61942.71	7871.325	4225.383
#2	2363.344	2512.776	61540.30	7767.950	4168.499
#3	2397.141	2523.182	62451.06	7743.000	4202.156

Sample Name: PB109793BL Acquired: 5/31/2018 12:56:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) 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	.0007113	.0020533	-.000063	.0007182	.0003116	.0027485	-.000879
Stddev	.0026888	.0018054	.001078	.0025836	.0016504	.0075889	.000600
%RSD	378.0105	87.92564	1714.519	359.7328	529.5801	276.1090	68.27659

#1	.0033132	.0014815	.000266	-.002223	-.001568	.0113833	-.001111
#2	.0008774	.0040755	-.001267	.001754	.000981	-.002862	-.000197
#3	-.002057	.0006031	.000812	.002623	.001522	-.000276	-.001329

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000624	-.000100	.0149669	.0001410	-.000015	.0023072	-.025194
Stddev	.0000552	.000027	.0015783	.0003087	.000081	.0041544	.004340
%RSD	88.40642	27.38881	10.54493	218.8889	554.4335	180.0624	17.22517

#1	.0001256	-.000088	.0133116	.0002377	-.000098	-.002082	-.023614
#2	.0000238	-.000131	.0151342	-.000204	-.000010	.006178	-.030102
#3	.0000379	-.000081	.0164548	.000390	.000064	.002826	-.021865

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001585	.0411240	.0005290	.0011413	-.207001	-.004644	-.012794
Stddev	.0003325	.0469975	.0001448	.0002729	.075011	.001266	.006742
%RSD	209.8319	114.2823	27.38106	23.90904	36.23715	27.26064	52.69826

#1	.0001993	.0922764	.0005828	.0010941	-.164208	-.003250	-.018082
#2	-.000193	.0312430	.0003649	.0008950	-.163181	-.005722	-.005202
#3	.000469	-.000147	.0006392	.0014346	-.293615	-.004961	-.015099

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.238901	-.000871	-.001902	-.000147	.0093661	-.007368	-.000896
Stddev	.052418	.000277	.000670	.000341	.0008499	.000309	.000537
%RSD	21.94133	31.84886	35.22217	232.3200	9.073894	4.195477	59.92313

#1	-.270014	-.001132	-.002218	.000123	.0096723	-.007075	-.000277
#2	-.178382	-.000900	-.002356	-.000529	.0084055	-.007338	-.001179
#3	-.268306	-.000580	-.001133	-.000033	.0100204	-.007691	-.001231

Sample Name: PB109793BL Acquired: 5/31/2018 12:56:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) 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	.0005614	.0005660	-.000033
Stddev	.0012565	.0001746	.000048
%RSD	223.8303	30.85285	144.6486

#1	-.000705	.0004545	.000022
#2	.001808	.0004762	-.000055
#3	.000581	.0007672	-.000066

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2407.269	2524.783	62124.59	7681.342	4201.775
Stddev	8.080	43.038	120.80	130.139	65.668
%RSD	.3356386	1.704607	.1944455	1.694221	1.562856

#1	2398.115	2565.643	61985.46	7748.775	4263.319
#2	2410.287	2528.848	62202.83	7531.325	4209.362
#3	2413.406	2479.857	62185.47	7763.925	4132.643

Sample Name: PB109793BS Acquired: 5/31/2018 13:00:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) 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	.0176725	.0482822	.0200374	.0635570	.1191454	.3863316
Stddev	.0043333	.0036434	.0013504	.0044255	.0060502	.0081173
%RSD	24.52020	7.546025	6.739611	6.963083	5.077972	2.101113

#1	.0153274	.0446487	.0184794	.0587400	.1128082	.3905183
#2	.0226730	.0482625	.0207596	.0644881	.1197676	.3769758
#3	.0150171	.0519354	.0208731	.0674429	.1248604	.3915009

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3907061	.0097045	.0097081	9.946713	.0216745	.0975967
Stddev	.0011966	.0001252	.0004750	.0171116	.0001652	.0050286
%RSD	.3062747	1.289571	4.893222	.1720737	.7622561	5.152463

#1	.3917449	.0095984	.0091645	9.930172	.0215717	.0920775
#2	.3909756	.0096726	.0099163	9.964351	.0218651	.0987940
#3	.3893976	.0098425	.0100434	9.945614	.0215867	.1019186

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0537523	.2499965	.0325926	9.712350	.0816379	.0178882
Stddev	.0005734	.0067422	.0002577	.104953	.0033446	.0003260
%RSD	1.066686	2.696916	.7905546	1.080616	4.096894	1.822533

#1	.0538221	.2560743	.0323956	9.800646	.0779050	.0180717
#2	.0542876	.2511709	.0328842	9.596313	.0826467	.0180811
#3	.0531473	.2427442	.0324981	9.740091	.0843620	.0175118

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.609972	.1037092	.1204999	7.983957	F .0045597	F .0155451
Stddev	.187065	.0073025	.0102353	.005698	.0002208	.0009522
%RSD	1.946575	7.041283	8.494063	.0713675	4.841904	6.125171

#1	9.476503	.1121349	.1181149	7.985531	.0045347	.0158119
#2	9.529624	.0997807	.1317171	7.988703	.0047919	.0144880
#3	9.823788	.0992119	.1116676	7.977638	.0043525	.0163354

Sample Name: PB109793BS Acquired: 5/31/2018 13:00:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) 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	.0207867	.1776504	.1790622	F .0133345	.2006157	.0892737
Stddev	.0009872	.0137575	.0010832	.0004115	.0032221	.0004635
%RSD	4.749237	7.744136	.6049410	3.086309	1.606091	.5191936

#1	.0196528	.1631798	.1786890	.0137470	.2016375	.0895487
#2	.0212522	.1792094	.1782150	.0129239	.1970066	.0895339
#3	.0214551	.1905620	.1802827	.0133324	.2032029	.0887386

Elem	Sr4077
Units	ppm
Avg	.1975976
Stddev	.0000874
%RSD	.0442157

#1	.1975135
#2	.1975914
#3	.1976879

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2403.224	2381.916	62727.22	7948.196	3940.466
Stddev	7.601	87.966	350.92	34.094	143.732
%RSD	.3162856	3.693067	.5594400	.4289477	3.647579

#1	2405.882	2481.757	62718.99	7951.783	4103.628
#2	2394.650	2348.174	63082.19	7980.354	3885.198
#3	2409.139	2315.817	62380.49	7912.450	3832.572

Sample Name: J3148-01 Acquired: 5/31/2018 13:04:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAW61 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8163730	-.006087	.4845618	.0249096	.1249036	91.68965
Stddev	.0044614	.001163	.0062207	.0021007	.0019487	.31720
%RSD	.5464952	19.10119	1.283781	8.433205	1.560198	.3459475

#1	.8121193	-.006504	.4783540	.0253044	.1241058	91.53948
#2	.8210166	-.006983	.4907954	.0226396	.1271247	91.47542
#3	.8159832	-.004773	.4845361	.0267849	.1234804	92.05405

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.973937	.0360151	.0116403	175.8598	-.009207	.7827775
Stddev	.012242	.0002264	.0003770	.5844	.000677	.0069151
%RSD	.4116450	.6284720	3.238843	.3323109	7.354239	.8834054

#1	2.960455	.0360523	.0113586	175.3159	-.008928	.7751831
#2	2.984358	.0357725	.0120686	176.4777	-.008714	.7887107
#3	2.976999	.0362206	.0114936	175.7859	-.009979	.7844388

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 35.22343	472.8725	26.43974	110.5910	1.249952	-.007912
Stddev	.03574	2.6978	.10659	.8567	.010913	.000729
%RSD	.1014720	.5705123	.4031247	.7746153	.8730379	9.208796

#1	35.20115	472.8314	26.38650	110.4586	1.239311	-.008048
#2	35.26465	470.1954	26.56246	109.8082	1.261117	-.008562
#3	35.20447	475.5906	26.37027	111.5061	1.249430	-.007124

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.686834	.0735072	.4420508	11.80086	1.753629	.5427119
Stddev	.113615	.0053860	.0162718	.04023	.008750	.0056989
%RSD	4.228601	7.327248	3.680984	.3408668	.4989639	1.050084

#1	2.798326	.0694855	.4244623	11.77781	1.743950	.5364225
#2	2.690967	.0714096	.4565682	11.84730	1.760980	.5475331
#3	2.571208	.0796264	.4451220	11.77746	1.755956	.5441800

Sample Name: J3148-01 Acquired: 5/31/2018 13:04:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAW61 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0298537	18.78059	3.664214	-.000274	.1353723	.0803353
Stddev	.0001242	.13498	.021424	.001553	.0036092	.0008616
%RSD	.4161006	.7187051	.5846829	566.6730	2.666096	1.072554

#1	.0297192	18.62826	3.668368	-.001546	.1341705	.0795538
#2	.0298777	18.88531	3.641017	-.000733	.1394290	.0812593
#3	.0299641	18.82821	3.683257	.001457	.1325174	.0801928

Elem	Sr4077
Units	ppm
Avg	.4891731
Stddev	.0005650
%RSD	.1154929

#1	.4888702
#2	.4898249
#3	.4888242

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3307.090	3416.057	88028.44	11368.24	3542.314
Stddev	11.677	35.362	449.14	66.81	47.654
%RSD	.3531025	1.035183	.5102247	.5876667	1.345284

#1	3293.754	3444.537	87515.47	11322.04	3586.214
#2	3312.038	3376.476	88351.06	11444.84	3491.632
#3	3315.480	3427.157	88218.78	11337.83	3549.096

Sample Name: J3148-02 Acquired: 5/31/2018 13:08:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATL0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2802886	-.010167	6.512106	.0231999	.0174840	145.0134	3.280210
Stddev	.0035980	.003473	.113759	.0016661	.0020758	.1170	.012958
%RSD	1.283686	34.15791	1.746883	7.181497	11.87280	.0806495	.3950328

#1	.2841297	-.014155	6.599922	.0215446	.0198744	144.9897	3.295172
#2	.2797392	-.007807	6.383597	.0248766	.0164424	144.9101	3.272772
#3	.2769969	-.008540	6.552798	.0231785	.0161352	145.1404	3.272685

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206729	.0534043	260.6362	.6986863	.1964175	.6444549	423.4133
Stddev	.0001230	.0011879	.9255	.0024091	.0036316	.0020483	2.1544
%RSD	.5950523	2.224266	.3550749	.3448032	1.848896	.3178276	.5088245

#1	.0206583	.0542449	261.5920	.6962917	.1991539	.6467959	420.9272
#2	.0205578	.0520453	259.7444	.6986576	.1922975	.6429926	424.7329
#3	.0208025	.0539226	260.5721	.7011096	.1978011	.6435762	424.5800

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.28411	84.00673	.2025921	-.009661	4.590209	.4289590	13.56600
Stddev	.10899	.46526	.0032031	.000577	.014646	.0033340	.03602
%RSD	.7630198	.5538420	1.581071	5.975213	.3190637	.7772313	.2655221

#1	14.40545	83.47316	.2050125	-.009037	4.578447	.4275471	13.59065
#2	14.19452	84.32786	.1989599	-.009769	4.606613	.4265632	13.58268
#3	14.25235	84.21916	.2038041	-.010177	4.585566	.4327666	13.52466

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.84053	1.897810	.5424791	.0208432	6.610825	13.40985	.0552216
Stddev	.07043	.029694	.0017521	.0002607	.120162	.09733	.0019936
%RSD	.5088741	1.564642	.3229815	1.250933	1.817654	.7258265	3.610148

#1	13.83001	1.921205	.5441766	.0211200	6.714820	13.30693	.0548862
#2	13.77596	1.864405	.5406770	.0206023	6.479281	13.42220	.0534169
#3	13.91563	1.907821	.5425836	.0208073	6.638374	13.50041	.0573616

Sample Name: J3148-02 Acquired: 5/31/2018 13:08:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATL0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.965854	.1837000	.7340493
Stddev	.004176	.0004911	.0040412
%RSD	.2124494	.2673213	.5505371

#1	1.961435	.1842179	.7386696
#2	1.966392	.1832411	.7311728
#3	1.969736	.1836409	.7323055

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2593.777	2712.197	68918.75	9036.415	3574.755
Stddev	9.694	34.569	128.54	58.028	60.358
%RSD	.3737522	1.274573	.1865112	.6421562	1.688460

#1	2594.019	2682.159	68896.91	9084.488	3521.518
#2	2603.349	2749.982	69056.81	9052.800	3640.328
#3	2583.965	2704.449	68802.52	8971.956	3562.417

Sample Name: J3148-03 Acquired: 5/31/2018 13:12:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATL1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1776750	-.007968	2.990981	.0316586	.0144462	122.9838
Stddev	.0063138	.006614	.043735	.0052714	.0006550	6.0385
%RSD	3.553547	83.00992	1.462214	16.65080	4.534072	4.910007

#1	.1733134	-.011066	2.958097	.0281434	.0148931	119.2866
#2	.1747965	-.000373	2.974231	.0377197	.0136943	129.9522
#3	.1849150	-.012465	3.040615	.0291126	.0147511	119.7127

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.990262	.0236267	.0173079	273.8847	.3478929	.2647231
Stddev	.184080	.0013974	.0012964	12.8307	.0105247	.0034969
%RSD	4.613232	5.914418	7.490372	4.684706	3.025259	1.320957

#1	3.880362	.0224523	.0174690	266.2335	.3358914	.2628457
#2	4.202778	.0251722	.0159385	288.6976	.3555497	.2625657
#3	3.887647	.0232557	.0185163	266.7231	.3522374	.2687577

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.129067	609.7083	F 30.99854	91.38009	.2126214	-.013103
Stddev	.298116	31.1380	1.42753	4.21098	.0026745	.002489
%RSD	4.863972	5.107031	4.605150	4.608205	1.257881	18.99876

#1	5.942642	590.5877	30.16289	88.81355	.2107888	-.012700
#2	6.472894	645.6386	32.64685	96.23995	.2113851	-.010840
#3	5.971666	592.8986	30.18587	89.08677	.2156904	-.015769

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.978623	.5709258	5.050403	9.668511	2.004805	.7242581
Stddev	.138284	.0280949	.070815	.634471	.020821	.0303245
%RSD	4.642558	4.920937	1.402158	6.562242	1.038560	4.186969

#1	2.819662	.5536473	4.979067	9.240886	1.984281	.7089352
#2	3.045022	.6033435	5.120685	10.39750	2.004225	.7591864
#3	3.071184	.5557866	5.051457	9.36715	2.025911	.7046528

Sample Name: J3148-03 Acquired: 5/31/2018 13:12:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATL1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177328	6.634798	10.95014	1.009997	.9942138	.1157482
Stddev	.0002361	.063088	.53669	.013578	.0464687	.0060020
%RSD	1.331681	.9508624	4.901212	1.344335	4.673909	5.185384

#1	.0177151	6.586164	10.49303	1.000736	.9645896	.1115440
#2	.0175060	6.612145	11.54108	1.003673	1.047770	.1226218
#3	.0179773	6.706084	10.81632	1.025584	.970281	.1130789

Elem	Sr4077
Units	ppm
Avg	.4292233
Stddev	.0206756
%RSD	4.816981

#1	.4161865
#2	.4530625
#3	.4184208

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2707.375	2758.630	72203.25	9291.296	3532.391
Stddev	30.604	11.151	1466.26	383.321	32.220
%RSD	1.130409	.4042259	2.030746	4.125594	.9121375

#1	2742.702	2767.086	73880.05	9574.975	3557.620
#2	2688.912	2762.812	71161.88	8855.212	3543.457
#3	2690.511	2745.993	71567.83	9443.700	3496.096

Sample Name: J3148-04 Acquired: 5/31/2018 13:16:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATL2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2842954	-.003752	1.683816	.0347069	.0173646	126.5398
Stddev	.0059718	.000884	.033453	.0043985	.0013215	1.5117
%RSD	2.100568	23.55569	1.986750	12.67338	7.610052	1.194648

#1	.2892050	-.003531	1.720110	.0352018	.0188801	128.1442
#2	.2776472	-.004725	1.654215	.0300818	.0164528	125.1421
#3	.2860341	-.002999	1.677124	.0388370	.0167609	126.3330

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.225927	.0218080	.0082984	70.66827	.2911126	.2175703
Stddev	.042769	.0002963	.0002437	.57414	.0090986	.0032297
%RSD	.8184094	1.358477	2.936541	.8124377	3.125447	1.484452

#1	5.273965	.0217669	.0085650	71.29750	.2860390	.2208596
#2	5.191984	.0215344	.0082430	70.17287	.2856820	.2144036
#3	5.211831	.0221227	.0080872	70.53443	.3016167	.2174476

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2714793	602.2426	F 34.61758	14.06284	.2268720	-.015175
Stddev	.0030524	9.7068	.13044	.15859	.0039410	.002233
%RSD	1.124375	1.611778	.3767933	1.127739	1.737123	14.71162

#1	.2749023	611.5084	34.73375	14.16546	.2307129	-.013008
#2	.2690402	592.1479	34.47648	13.88018	.2228379	-.015050
#3	.2704953	603.0715	34.64250	14.14290	.2270652	-.017468

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.350752	.5994162	2.206577	6.986368	1.842714	.6715430
Stddev	.212514	.0133732	.061523	.056955	.028587	.0124923
%RSD	9.040254	2.231038	2.788169	.8152240	1.551353	1.860235

#1	2.106436	.6144281	2.176217	7.051645	1.874507	.6843365
#2	2.453047	.5887756	2.166134	6.960661	1.819129	.6593754
#3	2.492773	.5950450	2.277379	6.946798	1.834505	.6709171

Sample Name: J3148-04 Acquired: 5/31/2018 13:16:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATL2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169463	3.295184	2.596110	.0339797	.5610897	.0841334
Stddev	.0003318	.048808	.027383	.0008188	.0063423	.0010878
%RSD	1.957915	1.481187	1.054778	2.409694	1.130349	1.292997

#1	.0172126	3.345816	2.618427	.0330758	.5683804	.0845919
#2	.0165746	3.248432	2.565553	.0346718	.5568452	.0828914
#3	.0170517	3.291305	2.604349	.0341915	.5580435	.0849170

Elem	Sr4077
Units	ppm
Avg	.2957622
Stddev	.0015391
%RSD	.5203777

#1	.2971355
#2	.2940986
#3	.2960524

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2846.781	3024.318	75176.19	9954.009	3810.284
Stddev	70.355	32.536	1599.26	84.472	52.434
%RSD	2.471405	1.075823	2.127346	.8486179	1.376125

#1	2892.266	2988.592	76119.41	9880.384	3756.209
#2	2882.332	3052.248	76079.48	10046.23	3860.907
#3	2765.744	3032.114	73329.67	9935.42	3813.736

Sample Name: J3148-05 Acquired: 5/31/2018 13:20:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATL3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3175360	-.027288	5.099975	.0305633	.0514257	117.8640	3.994646
Stddev	.0079636	.008104	.167033	.0025087	.0026546	.2951	.015150
%RSD	2.507941	29.69913	3.275171	8.208206	5.162007	.2503420	.3792454

#1	.3252113	-.034644	5.292734	.0288146	.0520956	117.8667	4.010622
#2	.3093124	-.028619	4.997860	.0294376	.0536812	118.1577	3.992829
#3	.3180841	-.018601	5.009331	.0334377	.0485003	117.5676	3.980487

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203147	.0204393	199.1912	.4346534	.1777261	.6509373	567.7096
Stddev	.0000555	.0013833	.7822	.0084277	.0061281	.0019818	2.6664
%RSD	.2730627	6.767635	.3926760	1.938948	3.448081	.3044506	.4696708

#1	.0203761	.0220170	199.9107	.4249363	.1848008	.6512686	565.1075
#2	.0202998	.0194347	199.3042	.4390544	.1743143	.6488107	570.4359
#3	.0202682	.0198663	198.3586	.4399696	.1740632	.6527326	567.5854

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.77965	57.02276	.2116558	-.013270	2.425205	.5264246	7.460784
Stddev	.11927	.35100	.0057818	.001095	.127436	.0032800	.099227
%RSD	.7558780	.6155374	2.731706	8.254352	5.254655	.6230743	1.329985

#1	15.85596	56.69297	.2183306	-.012006	2.312651	.5229459	7.346772
#2	15.84078	57.39168	.2084412	-.013863	2.399392	.5294610	7.527639
#3	15.64220	56.98364	.2081957	-.013942	2.563571	.5268670	7.507942

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.949818	1.920791	.6224020	.0128960	4.452823	3.408329	.1100529
Stddev	.071310	.066573	.0099405	.0004623	.140695	.008493	.0035772
%RSD	.8970017	3.465900	1.597112	3.584896	3.159672	.2491834	3.250410

#1	8.011103	1.996664	.6111211	.0134006	4.610904	3.416874	.1139180
#2	7.966802	1.872156	.6298776	.0124928	4.341337	3.408224	.1068587
#3	7.871550	1.893554	.6262073	.0127948	4.406227	3.399889	.1093821

Sample Name: J3148-05 Acquired: 5/31/2018 13:20:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATL3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7725760	.0955185	.3934923
Stddev	.0024687	.0020280	.0022468
%RSD	.3195466	2.123189	.5709944

#1	.7729031	.0962093	.3948379
#2	.7748648	.0932353	.3947404
#3	.7699600	.0971109	.3908985

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2584.100	2733.226	68705.71	9379.869	3596.637
Stddev	35.150	63.240	843.83	30.863	96.690
%RSD	1.360239	2.313757	1.228184	.3290298	2.688337

#1	2623.175	2660.327	69675.39	9365.849	3485.312
#2	2555.057	2773.361	68138.14	9358.505	3659.649
#3	2574.068	2765.992	68303.60	9415.253	3644.950

Sample Name: J3148-07 Acquired: 5/31/2018 13:24:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATL5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1026165	.0032491	.9127179	.0279228	.0142137	89.74851
Stddev	.0026825	.0024669	.0503249	.0033401	.0031404	.28210
%RSD	2.614058	75.92426	5.513742	11.96198	22.09396	.3143211

#1	.0995866	.0060017	.8917195	.0317730	.0121516	89.43990
#2	.1046886	.0012383	.9701415	.0261932	.0178279	89.99310
#3	.1035744	.0025073	.8762927	.0258021	.0126616	89.81251

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.108545	.0178399	.0049313	52.43801	.3442368	.2485830
Stddev	.016506	.0002525	.0010495	.24918	.0059759	.0133331
%RSD	.5309953	1.415523	21.28220	.4751918	1.735979	5.363659

#1	3.089588	.0176225	.0046183	52.15096	.3408774	.2421848
#2	3.116313	.0181169	.0061017	52.59866	.3511363	.2639093
#3	3.119735	.0177803	.0040739	52.56440	.3406966	.2396548

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3104295	531.8641	F 36.67013	15.72037	.1760996	-.010996
Stddev	.0016852	2.8923	.10357	.21941	.0106476	.001459
%RSD	.5428528	.5438047	.2824419	1.395718	6.046323	13.26762

#1	.3101984	530.5867	36.55069	15.76967	.1722118	-.010477
#2	.3122182	535.1752	36.73500	15.91095	.1881447	-.012644
#3	.3088717	529.8304	36.72471	15.48051	.1679424	-.009868

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.762089	.6481856	2.306084	.8442089	.5834665	.5881883
Stddev	.197285	.0044055	.014966	.0382620	.0305951	.0022356
%RSD	11.19610	.6796613	.6489801	4.532285	5.243672	.3800740

#1	1.861320	.6470509	2.319198	.8077523	.5669161	.5864057
#2	1.534889	.6530474	2.309273	.8840512	.6187717	.5906965
#3	1.890059	.6444584	2.289780	.8408233	.5647117	.5874628

Sample Name: J3148-07 Acquired: 5/31/2018 13:24:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATL5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243852	3.562905	2.346864	.0294467	.5088180	.0553765
Stddev	.0011326	.178099	.021741	.0034542	.0026730	.0007500
%RSD	4.644579	4.998701	.9264006	11.73022	.5253281	1.354304

#1	.0238022	3.469930	2.342413	.0271087	.5065466	.0548234
#2	.0256905	3.768250	2.370486	.0334142	.5117635	.0550759
#3	.0236630	3.450534	2.327692	.0278172	.5081440	.0562301

Elem	Sr4077
Units	ppm
Avg	.1427492
Stddev	.0004164
%RSD	.2917103

#1	.1422952
#2	.1428390
#3	.1431134

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2559.078	2670.823	67530.92	8857.290	3814.111
Stddev	28.348	108.971	667.93	39.402	189.956
%RSD	1.107726	4.080041	.9890774	.4448499	4.980348

#1	2577.800	2718.573	67872.92	8854.429	3898.081
#2	2526.464	2546.128	66761.25	8819.397	3596.640
#3	2572.971	2747.767	67958.59	8898.045	3947.611

Sample Name: J3148-08 Acquired: 5/31/2018 13:28:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATL6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1570350	.1036751	.9952239	.0670529	.0323704	152.2605
Stddev	.0051208	.0039405	.0078607	.0027512	.0015902	3.1184
%RSD	3.260929	3.800844	.7898476	4.103024	4.912380	2.048093

#1	.1528791	.1056599	.9916652	.0701644	.0341264	155.4001
#2	.1554701	.0991369	.9897718	.0660522	.0310278	149.1637
#3	.1627556	.1062286	1.004235	.0649422	.0319570	152.2179

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.07875	.0380074	.0076363	4.159086	.2719984	.7742102
Stddev	.85275	.0005919	.0007565	.342091	.0136876	.0068401
%RSD	4.045566	1.557308	9.906398	8.225154	5.032250	.8834990

#1	21.30016	.0385025	.0067636	3.773141	.2788089	.7698008
#2	20.13713	.0373518	.0080390	4.279182	.2809449	.7707398
#3	21.79897	.0381680	.0081062	4.424936	.2562415	.7820899

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.040272	F 1306.129	F 177.2141	10.99709	.1613581	-.033405
Stddev	.001734	20.888	5.1579	.12935	.0012577	.001685
%RSD	4.305036	1.599248	2.910566	1.176253	.7794207	5.043400

#1	-.039867	1325.494	179.4033	11.07098	.1599512	-.033389
#2	-.038777	1283.994	171.3226	10.84773	.1623734	-.035098
#3	-.042173	1308.898	180.9164	11.07257	.1617496	-.031728

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.549675	1.715330	.1122994	-.624501	.4086117	^ *****
Stddev	.248454	.024847	.0080498	.073744	.0037369	-----
%RSD	5.460914	1.448518	7.168156	11.80842	.9145258	-----

#1	4.814663	1.728918	.1094063	-.542207	.4088472	^ -----
#2	4.512393	1.686653	.1060960	-.684593	.4047626	^ -----
#3	4.321969	1.730420	.1213959	-.646703	.4122252	^ -----

Sample Name: J3148-08 Acquired: 5/31/2018 13:28:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATL6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001832	1.589778	2.333659	-.001196	.4855014	.0626794
Stddev	.000515	.015440	.033731	.001509	.0067603	.0020043
%RSD	28.13648	.9712029	1.445419	126.1906	1.392444	3.197699

#1	-.002040	1.572465	2.372608	-.002594	.4921179	.0639702
#2	-.002211	1.594750	2.314207	.000404	.4786059	.0603704
#3	-.001245	1.602119	2.314162	-.001398	.4857803	.0636975

Elem	Sr4077
Units	ppm
Avg	.1286902
Stddev	.0031479
%RSD	2.446070

#1	.1320321
#2	.1257812
#3	.1282572

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2744.389	2896.978	73282.68	9321.273	3659.886
Stddev	24.283	18.842	1035.04	164.380	26.552
%RSD	.8848194	.6503930	1.412392	1.763492	.7254959

#1	2737.940	2892.309	72312.68	9144.002	3656.517
#2	2723.982	2917.715	73163.02	9468.663	3687.962
#3	2771.246	2880.910	74372.35	9351.154	3635.179

Sample Name: J3148-09 Acquired: 5/31/2018 13:32:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATL7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1534202	.1141038	.7603695	.0407248	.0187945	112.4991
Stddev	.0031598	.0031695	.0016411	.0044875	.0003368	1.3898
%RSD	2.059599	2.777774	.2158350	11.01918	1.791926	1.235378

#1	.1546424	.1118662	.7611133	.0456431	.0187231	112.6394
#2	.1498318	.1177307	.7584882	.0368529	.0191613	111.0444
#3	.1557864	.1127144	.7615070	.0396785	.0184991	113.8134

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.73933	.0214545	.0089210	20.90364	.2280676	.4436959
Stddev	.34769	.0005331	.0002967	.19919	.0017841	.0014766
%RSD	2.209046	2.484967	3.325579	.9528936	.7822489	.3328040

#1	15.95535	.0217588	.0085785	20.87569	.2294777	.4453670
#2	15.33825	.0208389	.0090873	20.71989	.2286631	.4425673
#3	15.92439	.0217659	.0090973	21.11532	.2260619	.4431533

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0782410	757.8709	F 150.7822	11.50083	.1922868	-.023201
Stddev	.0032605	7.4229	2.2756	.11106	.0005245	.001095
%RSD	4.167239	.9794359	1.509226	.9656502	.2727557	4.721183

#1	.0748579	759.7243	150.3832	11.39323	.1928347	-.023199
#2	.0785018	749.6970	148.7324	11.49422	.1922364	-.024296
#3	.0813632	764.1915	153.2309	11.61505	.1917894	-.022106

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.101956	1.025533	1.106446	-.057100	.4457443	.8230642
Stddev	.020672	.012163	.008841	.058992	.0040531	.0109955
%RSD	.6664181	1.186027	.7990107	103.3142	.9092841	1.335924

#1	3.091851	1.022579	1.106297	-.024604	.4433275	.8192565
#2	3.088281	1.015120	1.097680	-.125194	.4434818	.8354575
#3	3.125737	1.038901	1.115359	-.021501	.4504235	.8144787

Sample Name: J3148-09 Acquired: 5/31/2018 13:32:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATL7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093881	1.854435	3.036367	.0154924	.5286803	.0992110
Stddev	.0002033	.011581	.039650	.0025694	.0091115	.0009784
%RSD	2.165818	.6244800	1.305830	16.58453	1.723432	.9862156

#1	.0092610	1.843971	3.045085	.0125257	.5314421	.0981666
#2	.0096226	1.852456	2.993084	.0169613	.5185075	.0993601
#3	.0092806	1.866877	3.070932	.0169903	.5360913	.1001063

Elem	Sr4077
Units	ppm
Avg	.1525605
Stddev	.0024754
%RSD	1.622590

#1	.1522748
#2	.1502403
#3	.1551664

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2630.953	2800.051	69587.87	8922.991	3786.079
Stddev	13.741	4.698	224.48	104.135	10.416
%RSD	.5222994	.1677704	.3225830	1.167046	.2751159

#1	2618.900	2801.605	69328.85	8878.222	3785.433
#2	2628.043	2803.776	69708.87	9042.024	3796.802
#3	2645.917	2794.774	69725.88	8848.726	3776.000

Sample Name: J3148-10 Acquired: 5/31/2018 13:36:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATL8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1347314	.0924052	.8020528	.0412494	.0198230	115.4548
Stddev	.0059518	.0017409	.0075770	.0027561	.0015606	.3759
%RSD	4.417538	1.884015	.9446979	6.681460	7.872580	.3256204

#1	.1406870	.0909566	.7979987	.0380957	.0212990	115.0223
#2	.1347237	.0919223	.7973654	.0424571	.0181897	115.6378
#3	.1287834	.0943365	.8107943	.0431954	.0199803	115.7042

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.35704	.0266706	.0088434	19.31195	.3068898	.5318672
Stddev	.14954	.0003172	.0003303	.06614	.0206539	.0015692
%RSD	1.041609	1.189369	3.735131	.3425065	6.730079	.2950262

#1	14.24359	.0269724	.0092224	19.24592	.3305804	.5301082
#2	14.30101	.0266995	.0086166	19.31170	.2974217	.5323704
#3	14.52650	.0263399	.0086912	19.37821	.2926673	.5331230

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0487422	F 891.8777	F 143.7267	13.31080	.1934328	-.029591
Stddev	.0013419	5.7985	.3809	.12685	.0008756	.004923
%RSD	2.753006	.6501412	.2650129	.9529604	.4526588	16.63571

#1	.0481312	885.2005	143.3793	13.24130	.1942467	-.035275
#2	.0502809	895.6439	143.6670	13.45720	.1935454	-.026737
#3	.0478146	894.7888	144.1340	13.23389	.1925064	-.026761

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.306100	1.242052	.7515491	-.190369	.4248054	.9358101
Stddev	.200722	.009152	.0315239	.025108	.0009801	.0246041
%RSD	6.071251	.7368285	4.194529	13.18899	.2307091	2.629175

#1	3.079397	1.231754	.7879411	-.214101	.4242640	.9074532
#2	3.377697	1.249255	.7340425	-.164081	.4242154	.9514971
#3	3.461206	1.245147	.7326636	-.192924	.4259367	.9484800

Sample Name: J3148-10 Acquired: 5/31/2018 13:36:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATL8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017315	1.693116	3.239342	.0065335	.5482519	.0751543
Stddev	.0006214	.012584	.028421	.0002740	.0027651	.0006825
%RSD	35.88590	.7432692	.8773775	4.193227	.5043560	.9081222

#1	.0011998	1.690056	3.271592	.0062313	.5452891	.0743688
#2	.0015801	1.682344	3.217952	.0066034	.5507641	.0756025
#3	.0024146	1.706949	3.228482	.0067657	.5487024	.0754915

Elem	Sr4077
Units	ppm
Avg	.1224386
Stddev	.0003762
%RSD	.3072419

#1	.1220457
#2	.1227955
#3	.1224744

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2586.523	2791.085	68423.27	9032.638	3685.432
Stddev	79.442	3.762	2167.22	28.793	6.477
%RSD	3.071385	.1347693	3.167373	.3187695	.1757381

#1	2494.836	2787.168	65932.57	9041.334	3687.985
#2	2634.869	2791.419	69458.47	9056.082	3678.067
#3	2629.862	2794.669	69878.76	9000.499	3690.242

Sample Name: J3148-11 Acquired: 5/31/2018 13:41:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATL9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1704627	-.025508	2.277703	.0252449	.0205680	88.74801	1.814892
Stddev	.0052924	.002939	.045198	.0046478	.0039339	.62621	.006906
%RSD	3.104744	11.52273	1.984374	18.41082	19.12648	.7056083	.3805296

#1	.1721325	-.022274	2.296560	.0300891	.0206380	89.27855	1.818803
#2	.1645367	-.026234	2.226130	.0208222	.0165995	88.90823	1.818955
#3	.1747188	-.028016	2.310420	.0248235	.0244664	88.05725	1.806918

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148882	.0415360	365.9314	.3693079	.1084220	.9604905	575.3112
Stddev	.0002275	.0009121	2.0421	.0173908	.0025330	.0067609	7.3099
%RSD	1.527937	2.195940	.5580596	4.709013	2.336211	.7038994	1.270592

#1	.0150389	.0416793	367.0163	.3886529	.1093840	.9677209	582.9796
#2	.0149991	.0405608	367.2021	.3549698	.1055490	.9594247	574.5317
#3	.0146265	.0423681	363.5758	.3643010	.1103331	.9543257	568.4223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.88902	200.9206	.4735681	-.014468	2.641876	.3948185	12.43620
Stddev	.05413	2.6579	.0072970	.002378	.201166	.0074989	.43274
%RSD	.3635769	1.322882	1.540855	16.43973	7.614519	1.899334	3.479714

#1	14.90567	203.5315	.4772662	-.016877	2.410121	.3950377	12.91618
#2	14.93286	201.0123	.4651625	-.012121	2.744143	.4022054	12.07587
#3	14.82851	198.2179	.4782757	-.014405	2.771363	.3872124	12.31654

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.038417	1.077133	.6331880	.0244723	7.685369	4.370978	.0971791
Stddev	.031691	.018488	.0063189	.0003760	.139475	.055634	.0043305
%RSD	1.043003	1.716372	.9979559	1.536445	1.814806	1.272805	4.456233

#1	3.014569	1.084495	.6404700	.0245953	7.715648	4.429700	.1000079
#2	3.026303	1.056099	.6299453	.0240502	7.533243	4.364177	.0921937
#3	3.074378	1.090806	.6291488	.0247714	7.807217	4.319058	.0993358

Sample Name: J3148-11 Acquired: 5/31/2018 13:41:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATL9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5322616	.0774573	.2906961
Stddev	.0053160	.0013604	.0010307
%RSD	.9987605	1.756275	.3545592

#1	.5352036	.0788740	.2909441
#2	.5354562	.0761613	.2915801
#3	.5261249	.0773366	.2895640

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2386.592	2496.288	64252.42	8553.499	3463.738
Stddev	78.658	31.810	2150.35	64.561	53.108
%RSD	3.295848	1.274272	3.346729	.7547910	1.533270

#1	2297.890	2479.775	61844.88	8495.752	3438.561
#2	2447.861	2532.958	65982.35	8541.542	3524.753
#3	2414.023	2476.131	64930.03	8623.202	3427.900

Sample Name: J3148-12 Acquired: 5/31/2018 13:45:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1954924	-.009595	.8386562	.0373241	.0122729	148.4843
Stddev	.0001913	.004325	.0094069	.0060917	.0013420	.7464
%RSD	.0978423	45.07719	1.121669	16.32109	10.93458	.5026945

#1	.1952779	-.013762	.8289382	.0353812	.0128241	149.0125
#2	.1955541	-.009895	.8477176	.0324408	.0132516	148.8100
#3	.1956452	-.005127	.8393126	.0441502	.0107431	147.6304

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.033537	.0300698	.0031523	57.48157	1.048532	.4298319
Stddev	.014156	.0003099	.0000670	.36289	.005463	.0026889
%RSD	.6961109	1.030450	2.125822	.6313169	.5210114	.6255755

#1	2.049331	.0304010	.0032058	57.87810	1.042372	.4281507
#2	2.029287	.0300213	.0031739	57.40059	1.052787	.4329332
#3	2.021994	.0297870	.0030771	57.16600	1.050438	.4284119

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1327195	650.4072	F 34.25290	6.064245	.2184045	-.016766
Stddev	.0004163	3.0671	.25316	.064022	.0015322	.001074
%RSD	.3136682	.4715593	.7390868	1.055735	.7015546	6.406401

#1	.1331997	651.7018	34.53910	6.089334	.2175374	-.016324
#2	.1324982	652.6146	34.16135	5.991478	.2201736	-.015983
#3	.1324606	646.9050	34.05825	6.111923	.2175024	-.017990

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.189019	.7153981	.6183724	7.255557	.7941448	.7029034
Stddev	.143494	.0095130	.0023282	.065496	.0010983	.0035406
%RSD	6.555174	1.329745	.3765083	.9026948	.1382948	.5037145

#1	2.107946	.7185140	.6156958	7.329993	.7930069	.7049221
#2	2.104412	.7229623	.6199288	7.229919	.7951986	.6988151
#3	2.354699	.7047179	.6194926	7.206759	.7942289	.7049729

Sample Name: J3148-12 Acquired: 5/31/2018 13:45:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0251796	1.603564	2.880545	.0181235	.5306876	.0743581
Stddev	.0003130	.008038	.011021	.0010808	.0023300	.0001596
%RSD	1.242899	.5012530	.3826155	5.963599	.4390502	.2146084

#1	.0249252	1.594998	2.890775	.0176119	.5313340	.0744911
#2	.0255291	1.610941	2.881984	.0193651	.5326261	.0744021
#3	.0250846	1.604753	2.868874	.0173934	.5281026	.0741811

Elem	Sr4077
Units	ppm
Avg	.2767551
Stddev	.0020407
%RSD	.7373628

#1	.2787710
#2	.2768038
#3	.2746905

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2916.407	3055.639	76986.99	9919.156	3787.732
Stddev	9.128	14.823	214.86	36.745	25.650
%RSD	.3130035	.4851123	.2790880	.3704437	.6771986

#1	2926.904	3068.502	77204.54	9892.957	3806.261
#2	2911.988	3039.428	76774.93	9903.352	3758.456
#3	2910.329	3058.988	76981.51	9961.159	3798.479

Sample Name: J3148-13 Acquired: 5/31/2018 13:48:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3496150	-.011102	2.061994	.0352179	.0175392	144.0720
Stddev	.0037892	.002911	.002525	.0006637	.0020616	.7668
%RSD	1.083810	26.21834	.1224352	1.884471	11.75420	.5322148

#1	.3476327	-.008642	2.062025	.0354524	.0195926	144.9539
#2	.3539841	-.010348	2.059454	.0344688	.0175557	143.6987
#3	.3472281	-.014315	2.064503	.0357325	.0154695	143.5633

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.284840	.0317981	.0135161	145.0359	1.001765	.4944918
Stddev	.024613	.0002290	.0003135	1.0176	.005952	.0017539
%RSD	.7493037	.7202305	2.319458	.7016426	.5941431	.3546815

#1	3.312927	.0315700	.0131541	146.0932	1.006510	.4935062
#2	3.274560	.0320280	.0136966	144.9514	.995087	.4934525
#3	3.267032	.0317965	.0136975	144.0632	1.003697	.4965168

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3330739	665.2808	F 41.54922	11.35540	.2907869	-.016129
Stddev	.0027469	3.8944	.29360	.09551	.0012197	.000821
%RSD	.8247230	.5853781	.7066413	.8410596	.4194515	5.089451

#1	.3319192	669.2720	41.87720	11.45943	.2906738	-.016698
#2	.3362097	661.4910	41.45958	11.27170	.2896278	-.015188
#3	.3310928	665.0793	41.31089	11.33505	.2920593	-.016502

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.718370	.7282769	3.141456	11.00341	1.915067	.7393633
Stddev	.099878	.0059904	.059961	.04837	.007204	.0140897
%RSD	3.674183	.8225450	1.908689	.4396284	.3761870	1.905649

#1	2.832998	.7351208	3.177690	11.05924	1.906867	.7495031
#2	2.672045	.7257245	3.072245	10.97691	1.920379	.7232750
#3	2.650065	.7239854	3.174434	10.97407	1.917955	.7453120

Sample Name: J3148-13 Acquired: 5/31/2018 13:48:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208402	4.098841	3.166726	.0668692	.9716422	.1118433
Stddev	.0008101	.012954	.013069	.0013499	.0068497	.0005623
%RSD	3.887226	.3160457	.4127020	2.018698	.7049657	.5027801

#1	.0208752	4.086892	3.180085	.0681380	.9785843	.1124620
#2	.0216323	4.097021	3.166123	.0654507	.9714535	.1113635
#3	.0200132	4.112608	3.153968	.0670189	.9648887	.1117042

Elem	Sr4077
Units	ppm
Avg	.5619552
Stddev	.0041804
%RSD	.7438972

#1	.5667598
#2	.5599558
#3	.5591500

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2980.328	3122.975	79072.62	10228.38	3718.807
Stddev	31.499	4.528	620.26	52.69	8.890
%RSD	1.056911	.1449810	.7844139	.5151292	.2390579

#1	2964.564	3121.100	78538.21	10184.62	3721.720
#2	3016.597	3128.139	79752.77	10213.66	3725.876
#3	2959.822	3119.687	78926.88	10286.87	3708.826

Sample Name: J3148-14 Acquired: 5/31/2018 13:52:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1842992	-.011923	.7163337	.0224467	.0107702	137.5371	1.659300
Stddev	.0031580	.005191	.0235934	.0041163	.0010030	.0199	.005051
%RSD	1.713530	43.53634	3.293639	18.33826	9.312328	.0144979	.3044303

#1	.1870122	-.017902	.7428602	.0271980	.0108777	137.5549	1.662624
#2	.1808325	-.008558	.6976939	.0201837	.0097178	137.5408	1.661788
#3	.1850528	-.009310	.7084468	.0199584	.0117151	137.5155	1.653487

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219131	.0047300	237.8425	.6050595	.2406814	.2508055	455.5492
Stddev	.0000722	.0008851	.8585	.0036072	.0089273	.0021177	.8911
%RSD	.3292983	18.71237	.3609600	.5961693	3.709174	.8443387	.1956105

#1	.0219829	.0057122	238.0813	.6010464	.2509708	.2487480	454.5229
#2	.0219176	.0039944	238.5564	.6060999	.2349962	.2529786	455.9986
#3	.0218388	.0044832	236.8899	.6080320	.2360771	.2506900	456.1261

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.37159	51.93743	.1857708	-.013210	2.102992	.5148454	1.513089
Stddev	.12254	.18093	.0070996	.000612	.121416	.0048198	.019216
%RSD	.5733746	.3483673	3.821720	4.634995	5.773501	.9361744	1.269980

#1	21.42117	51.75477	.1939181	-.013587	2.089646	.5103472	1.490933
#2	21.46158	51.94095	.1809092	-.012504	1.988799	.5199328	1.525207
#3	21.23204	52.11658	.1824851	-.013540	2.230529	.5142561	1.523128

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.86503	1.389962	.5038143	.0107369	7.763743	8.911403	.1134364
Stddev	.02650	.046324	.0056277	.0001428	.258342	.015477	.0043822
%RSD	.2438971	3.332778	1.117012	1.330189	3.327550	.1736745	3.863159

#1	10.87887	1.442397	.5095409	.0109003	8.054516	8.895430	.1184962
#2	10.83448	1.354584	.5036109	.0106357	7.560661	8.912451	.1109614
#3	10.88175	1.372906	.4982911	.0106747	7.676050	8.926330	.1108517

Sample Name: J3148-14 Acquired: 5/31/2018 13:52:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATN2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.181215	.1082313	.4454331
Stddev	.003756	.0011949	.0014262
%RSD	.3179473	1.104002	.3201821

#1	1.177042	.1089119	.4466911
#2	1.184324	.1089305	.4457245
#3	1.182279	.1068516	.4438837

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2793.048	2952.760	73962.81	9819.088	3714.066
Stddev	11.645	62.051	348.42	40.048	106.521
%RSD	.4169266	2.101473	.4710708	.4078587	2.868048

#1	2806.476	2881.147	74346.71	9795.037	3592.312
#2	2785.729	2990.588	73666.65	9796.909	3790.069
#3	2786.938	2986.545	73875.07	9865.319	3759.817

Sample Name: J3148-15 Acquired: 5/31/2018 13:56:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2210610	-.013316	.6667946	.0265447	.0096809	122.0004	1.550747
Stddev	.0063974	.003449	.0187269	.0034900	.0007543	.4482	.008950
%RSD	2.893959	25.89934	2.808497	13.14770	7.791878	.3673931	.5771145

#1	.2238694	-.009334	.6616273	.0251696	.0090705	122.3891	1.552560
#2	.2137397	-.015349	.6511939	.0305128	.0094481	122.1019	1.558651
#3	.2255738	-.015265	.6875626	.0239517	.0105242	121.5101	1.541029

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194265	.0035738	115.8211	.5251644	.2012400	.2372895	424.6485
Stddev	.0000997	.0005853	.6055	.0003914	.0061795	.0026278	1.2916
%RSD	.5130159	16.37791	.5228286	.0745329	3.070712	1.107415	.3041495

#1	.0193190	.0031581	115.7938	.5253611	.1995703	.2403225	425.9590
#2	.0194447	.0033202	116.4398	.5247136	.1960669	.2356951	423.3767
#3	.0195158	.0042432	115.2297	.5254184	.2080828	.2358510	424.6098

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.40916	23.74788	.1690601	-.009234	1.762110	.4921648	1.184038
Stddev	.08711	.11940	.0050811	.000371	.031283	.0028788	.011001
%RSD	.4732014	.5027805	3.005501	4.022594	1.775323	.5849305	.9291286

#1	18.33816	23.87232	.1689787	-.008931	1.766215	.4910740	1.195794
#2	18.50637	23.73706	.1640201	-.009648	1.728978	.4954297	1.182327
#3	18.38295	23.63426	.1741814	-.009124	1.791139	.4899908	1.173991

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.974987	2.143641	.4792146	.0115051	7.740882	4.685791	.0177343
Stddev	.064458	.067869	.0033277	.0003680	.238807	.009584	.0012955
%RSD	.6461993	3.166076	.6944097	3.199036	3.085009	.2045343	7.305134

#1	9.938918	2.120402	.4794578	.0116473	7.649881	4.677204	.0182347
#2	10.04941	2.090443	.4824139	.0110872	7.560955	4.684040	.0162632
#3	9.93664	2.220077	.4757719	.0117809	8.011811	4.696130	.0187049

Sample Name: J3148-15 Acquired: 5/31/2018 13:56:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8236458	.0813409	.3833323
Stddev	.0033239	.0006423	.0013683
%RSD	.4035544	.7896747	.3569496

#1	.8236164	.0820656	.3831811
#2	.8269843	.0811154	.3847700
#3	.8203368	.0808418	.3820460

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2880.409	2955.361	76235.41	9918.366	3701.718
Stddev	27.929	55.161	231.95	15.497	94.804
%RSD	.9696160	1.866467	.3042525	.1562495	2.561072

#1	2850.808	2950.893	75969.75	9902.058	3702.643
#2	2884.126	3012.619	76338.79	9920.141	3796.056
#3	2906.294	2902.570	76397.69	9932.900	3606.456

Sample Name: J3148-16 Acquired: 5/31/2018 14:00:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5321365	.0031903	.9372920	.0258106	.0066044	97.34258	2.249562
Stddev	.0091272	.0032092	.0092632	.0045303	.0009984	.49488	.009336
%RSD	1.715200	100.5942	.9882895	17.55223	15.11781	.5083862	.4150147

#1	.5299469	.0021276	.9276630	.0270293	.0054632	97.74483	2.258724
#2	.5243032	.0006471	.9380731	.0296070	.0073169	96.78996	2.240061
#3	.5421593	.0067961	.9461398	.0207956	.0070331	97.49294	2.249901

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174592	.0041136	106.1123	.1759371	.1912133	.3192744	303.8386
Stddev	.0002260	.0002124	.4285	.0003399	.0008716	.0043333	2.3843
%RSD	1.294355	5.162816	.4038635	.1931833	.4558368	1.357234	.7847159

#1	.0174963	.0038804	106.4892	.1756402	.1908050	.3242490	305.5939
#2	.0172169	.0042959	105.6461	.1758633	.1906208	.3172534	301.1241
#3	.0176643	.0041644	106.2015	.1763078	.1922141	.3163208	304.7979

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.05870	41.17764	.1713393	-.005909	2.327611	.2943419	1.112638
Stddev	.09381	.45077	.0019071	.000205	.163395	.0031390	.008799
%RSD	.5499189	1.094691	1.113045	3.468964	7.019873	1.066458	.7908042

#1	17.14756	41.54840	.1703253	-.006117	2.176704	.2971775	1.122778
#2	16.96062	40.67589	.1701535	-.005707	2.501138	.2909689	1.107022
#3	17.06793	41.30864	.1735392	-.005903	2.304992	.2948793	1.108114

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.37709	.6489504	.3427973	.0142960	15.98927	3.108623	.0167854
Stddev	.04307	.0077122	.0086734	.0002346	.07207	.018349	.0029640
%RSD	.3785276	1.188417	2.530197	1.640850	.4507641	.5902589	17.65807

#1	11.39232	.6421714	.3527919	.0140364	15.95082	3.096206	.0159827
#2	11.32848	.6473386	.3372434	.0143588	15.94456	3.099964	.0143055
#3	11.41048	.6573412	.3383566	.0144928	16.07241	3.129699	.0200681

Sample Name: J3148-16 Acquired: 5/31/2018 14:00:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6254948	.1460676	.3945042
Stddev	.0051788	.0007332	.0022374
%RSD	.8279507	.5019619	.5671447

#1	.6301718	.1465376	.3969392
#2	.6263833	.1464426	.3925389
#3	.6199292	.1452228	.3940346

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2812.215	2947.765	74749.23	9770.719	3826.584
Stddev	18.746	17.906	199.99	38.030	23.401
%RSD	.6665923	.6074491	.2675471	.3892252	.6115378

#1	2790.761	2961.222	74522.37	9770.330	3838.348
#2	2825.434	2954.632	74825.28	9808.942	3841.770
#3	2820.451	2927.442	74900.04	9732.885	3799.636

Sample Name: J3148-17 Acquired: 5/31/2018 14:04:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4204415	-.000665	.8502609	.0239987	.0075379	118.2341	2.050430
Stddev	.0097140	.001564	.0029768	.0037419	.0002223	3.0747	.057584
%RSD	2.310416	235.2428	.3501042	15.59195	2.949581	2.600557	2.808408

#1	.4273137	-.002106	.8504382	.0234056	.0073001	116.4833	2.013716
#2	.4093282	.000997	.8471994	.0280018	.0075730	121.7844	2.116798
#3	.4246827	-.000885	.8531451	.0205889	.0077405	116.4347	2.020776

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220796	.0044631	141.7477	.2879996	.2046592	.2874339	354.7416
Stddev	.0003315	.0004167	3.9402	.0019078	.0013198	.0065256	8.4442
%RSD	1.501502	9.336051	2.779702	.6624227	.6448560	2.270306	2.380389

#1	.0220728	.0048364	139.1969	.2901483	.2054574	.2853853	350.4414
#2	.0224145	.0040136	146.2858	.2865047	.2031359	.2947380	364.4703
#3	.0217515	.0045394	139.7606	.2873458	.2053844	.2821783	349.3130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.58944	38.39052	.1822281	-.007090	2.156650	.3942495	.9666114
Stddev	.57797	.80568	.0007259	.000871	.147525	.0118732	.0077587
%RSD	2.677106	2.098650	.3983343	12.28236	6.840480	3.011586	.8026728

#1	21.20145	38.00419	.1822581	-.007698	2.259885	.3862307	.9748347
#2	22.25370	39.31661	.1814878	-.006092	2.222381	.4078894	.9655790
#3	21.31316	37.85075	.1829386	-.007479	1.987684	.3886284	.9594206

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.06240	.9317184	.3999299	.0126603	11.88699	6.459147	.0160845
Stddev	.29968	.0068390	.0151827	.0002493	.06683	.106198	.0015558
%RSD	2.709032	.7340224	3.796329	1.969460	.5622436	1.644149	9.672511

#1	10.86592	.9395211	.3921955	.0129470	11.95350	6.421178	.0169288
#2	11.40733	.9267630	.4174224	.0125394	11.81984	6.579111	.0170356
#3	10.91394	.9288712	.3901719	.0124944	11.88764	6.377153	.0142891

Sample Name: J3148-17 Acquired: 5/31/2018 14:04:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9015256	.1183619	.3973661
Stddev	.0208190	.0041037	.0101753
%RSD	2.309312	3.467114	2.560689

#1	.8916004	.1166049	.3905399
#2	.9254501	.1230516	.4090610
#3	.8875264	.1154291	.3924972

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3032.227	3204.471	80126.88	10334.99	3791.675
Stddev	11.400	23.322	289.70	202.96	25.561
%RSD	.3759686	.7277887	.3615547	1.963845	.6741406

#1	3022.503	3186.371	79947.98	10407.66	3767.419
#2	3029.406	3230.789	79971.54	10105.69	3818.367
#3	3044.773	3196.252	80461.12	10491.61	3789.238

Sample Name: J3148-18 Acquired: 5/31/2018 14:08:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4198958	-.005979	.8662074	.0231725	.0081909	114.0586	1.986042
Stddev	.0103534	.004206	.0203960	.0032689	.0021375	2.2120	.042337
%RSD	2.465698	70.35666	2.354638	14.10673	26.09561	1.939397	2.131712

#1	.4122665	-.001802	.8517085	.0236580	.0085687	116.5257	2.032700
#2	.4157395	-.005919	.8573839	.0261714	.0101143	112.2519	1.950077
#3	.4316815	-.010215	.8895296	.0196880	.0058897	113.3983	1.975348

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214626	.0050794	137.1412	.2796060	.2079599	.2779690	340.1329
Stddev	.0001769	.0003732	2.6348	.0032089	.0054866	.0059050	5.6438
%RSD	.8242850	7.347516	1.921199	1.147633	2.638295	2.124319	1.659297

#1	.0216395	.0047844	140.1531	.2760033	.2060024	.2847216	346.4857
#2	.0212856	.0049549	135.2637	.2806578	.2037205	.2754115	335.6979
#3	.0214628	.0054990	136.0067	.2821570	.2141568	.2737739	338.2152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.99849	37.38687	.1851614	-.007819	2.162326	.3795712	.9408289
Stddev	.39990	.71651	.0046084	.001318	.107981	.0049492	.0076113
%RSD	1.904442	1.916465	2.488844	16.85718	4.993748	1.303905	.8089949

#1	21.45783	38.19333	.1837362	-.006298	2.283219	.3813482	.9393677
#2	20.72782	36.82364	.1814339	-.008621	2.075448	.3739787	.9340543
#3	20.80983	37.14364	.1903140	-.008539	2.128312	.3833865	.9490649

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.51326	.9494787	.3806222	.0128209	12.05219	6.197683	.0154036
Stddev	.23703	.0287696	.0093709	.0001381	.34665	.044719	.0025002
%RSD	2.254573	3.030044	2.461981	1.076958	2.876212	.7215360	16.23134

#1	10.78373	.9358144	.3901482	.0129341	11.88465	6.249284	.0126081
#2	10.34171	.9300877	.3714146	.0126671	11.82115	6.170216	.0161767
#3	10.41434	.9825341	.3803037	.0128615	12.45078	6.173549	.0174259

Sample Name: J3148-18 Acquired: 5/31/2018 14:08:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN5D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8662223	.1138855	.3794985
Stddev	.0195164	.0028007	.0074262
%RSD	2.253042	2.459269	1.956839

#1	.8876447	.1169594	.3878269
#2	.8494532	.1114781	.3735661
#3	.8615691	.1132191	.3771026

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3093.541	3192.981	81755.70	10581.91	3744.398
Stddev	18.255	44.007	483.66	147.94	72.076
%RSD	.5901058	1.378235	.5915877	1.398033	1.924891

#1	3113.836	3216.113	82295.36	10411.11	3773.614
#2	3078.461	3220.598	81361.35	10669.64	3797.278
#3	3088.325	3142.232	81610.40	10664.99	3662.301

Sample Name: J3148-19 Acquired: 5/31/2018 14:12:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4035949	.0756967	.8515198	.0373898	.0545836	111.6761	5.153933
Stddev	.0037997	.0026712	.0026472	.0016927	.0011298	3.5945	.154436
%RSD	.9414737	3.528800	.3108735	4.527124	2.069902	3.218707	2.996463

#1	.3992940	.0756275	.8489039	.0391344	.0545672	115.6966	5.329917
#2	.4049939	.0730607	.8541971	.0372805	.0557216	110.5588	5.090890
#3	.4064968	.0784017	.8514582	.0357544	.0534621	108.7730	5.040990

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0994451	.1034010	90.07974	.6821958	1.159702	.6824531	376.9885
Stddev	.0029285	.0008972	2.38137	.0060280	.005964	.0190879	12.3089
%RSD	2.944796	.8676941	2.643628	.8836207	.5142581	2.796957	3.265062

#1	.1026522	.1025682	92.82035	.6879853	1.156366	.7041704	390.1769
#2	.0987701	.1032838	88.90373	.6826475	1.156153	.6748530	374.9833
#3	.0969131	.1043511	88.51515	.6759547	1.166588	.6683359	365.8053

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.10279	23.89217	1.184509	.0610992	2.299968	1.230534	1.702532
Stddev	.56587	.66550	.004940	.0012854	.046233	.034847	.038265
%RSD	2.814883	2.785423	.4170444	2.103709	2.010164	2.831823	2.247556

#1	20.75620	24.59964	1.179178	.0625489	2.337727	1.269038	1.744123
#2	19.77624	23.79825	1.185418	.0606503	2.248405	1.221398	1.694655
#3	19.77593	23.27863	1.188931	.0600986	2.313771	1.201165	1.668819

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.31317	1.006445	.4245945	.0121546	10.49061	7.598872	.0291369
Stddev	.39474	.005473	.0191439	.0000916	.04099	.209687	.0015782
%RSD	3.827500	.5437662	4.508740	.7537080	.3907216	2.759443	5.416516

#1	10.75422	1.003902	.4422039	.0121504	10.44339	7.834953	.0309216
#2	10.19225	1.002707	.4273621	.0120651	10.51705	7.527391	.0279255
#3	9.99304	1.012727	.4042175	.0122482	10.51138	7.434272	.0285637

Sample Name: J3148-19 Acquired: 5/31/2018 14:12:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8578059	.1096002	.3274367
Stddev	.0281381	.0038882	.0098599
%RSD	3.280245	3.547591	3.011255

#1	.8888243	.1140808	.3386873
#2	.8506724	.1076081	.3233235
#3	.8339211	.1071118	.3202993

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2987.949	3195.072	79224.14	10343.31	3784.298
Stddev	33.696	10.613	688.33	270.74	15.468
%RSD	1.127740	.3321731	.8688396	2.617520	.4087424

#1	2950.025	3199.996	78429.57	10032.70	3793.748
#2	2999.377	3202.329	79638.50	10467.97	3792.698
#3	3014.445	3182.892	79604.35	10529.28	3766.447

Sample Name: J3148-17LX5 Acquired: 5/31/2018 14:16:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1108337	.0009009	.1767446	.0050396	.0016747	29.60302	.5174889
Stddev	.0055112	.0039723	.0043969	.0021432	.0009063	2.27833	.0399027
%RSD	4.972512	440.9031	2.487695	42.52752	54.11748	7.696266	7.710837

#1	.1162148	.0020308	.1772727	.0028303	.0020409	28.29721	.4939798
#2	.1052010	.0041860	.1721076	.0071100	.0023405	32.23378	.5635613
#3	.1110852	-.003514	.1808536	.0051785	.0006426	28.27807	.4949255

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058537	.0000270	36.54681	.0737924	.0412204	.0744231	93.29284
Stddev	.0003510	.0003780	2.92894	.0005385	.0005258	.0048768	7.22037
%RSD	5.995585	1401.452	8.014205	.7297478	1.275501	6.552792	7.739465

#1	.0055917	.0003305	34.79299	.0743894	.0408077	.0707920	89.23498
#2	.0062525	-.000396	39.92807	.0733434	.0410413	.0799662	101.6292
#3	.0057171	.000147	34.91937	.0736444	.0418124	.0725112	89.0143

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.733852	10.02380	.0365429	-.000763	.4730240	.1014244	.2292084
Stddev	.449643	.74244	.0007920	.000825	.1526418	.0093686	.0110050
%RSD	7.841901	7.406753	2.167332	108.2196	32.26936	9.236989	4.801295

#1	5.451289	9.59131	.0363059	-.001475	.4652551	.0976354	.2271765
#2	6.252356	10.88109	.0358964	.000142	.6294019	.1120941	.2410877
#3	5.497909	9.59902	.0374263	-.000955	.3244149	.0945439	.2193610

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.538784	.1891417	.0993576	.0030340	2.366847	1.695482	.0015841
Stddev	.302125	.0031092	.0105568	.0003269	.031064	.103776	.0008004
%RSD	11.90039	1.643823	10.62503	10.77336	1.312453	6.120707	50.52654

#1	2.373346	.1877294	.0937891	.0028994	2.361562	1.625911	.0007469
#2	2.887496	.1869894	.1115327	.0027959	2.338765	1.814762	.0016636
#3	2.355509	.1927064	.0927509	.0034067	2.400215	1.645774	.0023418

Sample Name: J3148-17LX5 Acquired: 5/31/2018 14:16:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN5L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2293372	.0296305	.1008352
Stddev	.0186337	.0022543	.0077719
%RSD	8.125043	7.608019	7.707483

#1	.2178656	.0297388	.0960446
#2	.2508374	.0318287	.1098024
#3	.2193085	.0273240	.0966587

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2511.559	2655.388	65489.77	8086.079	4033.787
Stddev	20.735	30.982	427.17	479.135	50.438
%RSD	.8255737	1.166777	.6522646	5.925428	1.250389

#1	2510.834	2652.958	65404.86	8363.367	4028.586
#2	2491.196	2687.514	65111.43	7532.823	4086.625
#3	2532.647	2625.693	65953.01	8362.048	3986.152

Sample Name: CCV093 Acquired: 5/31/2018 14:20:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.687417	4.650208	23.29612	4.674026	4.768138	425.0095
Stddev	.063510	.043014	.33053	.057281	.063352	20.6758
%RSD	1.354897	.9250007	1.418841	1.225524	1.328644	4.864792

#1	4.740761	4.666567	23.52130	4.699018	4.811816	404.8006
#2	4.704326	4.682642	23.45040	4.714565	4.797118	446.1226
#3	4.617164	4.601414	22.91665	4.608495	4.695480	424.1054

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.29893	.5181689	2.301123	409.7896	14.92916	2.304144
Stddev	.49578	.0195547	.030471	20.3812	.04017	.030013
%RSD	4.813935	3.773816	1.324175	4.973579	.2690492	1.302556

#1	9.82934	.4996033	2.318288	390.4217	14.97120	2.316477
#2	10.81730	.5385817	2.319140	431.0519	14.89118	2.326026
#3	10.25013	.5163216	2.265942	407.8954	14.92509	2.269930

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.33622	431.7264	14.98514	425.2648	2.351365	1.142329
Stddev	.75745	21.9095	.76822	21.8110	.032453	.004490
%RSD	4.938967	5.074856	5.126523	5.128801	1.380185	.3930872

#1	14.60901	409.5025	14.29247	403.0684	2.371287	1.147503
#2	16.12066	453.3073	15.81139	446.6688	2.368892	1.140025
#3	15.27900	432.3692	14.85157	426.0571	2.313917	1.139458

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	415.4890	2.623914	14.88295	155.3896	F 7.193197	5.228157
Stddev	20.0598	.127524	.13805	7.2268	.067337	.206269
%RSD	4.827997	4.860063	.9275398	4.650760	.9361253	3.945345

#1	395.4090	2.498660	14.72377	148.5511	7.209717	5.033879
#2	435.5285	2.753593	14.95527	162.9504	7.250738	5.444622
#3	415.5294	2.619489	14.96980	154.6673	7.119137	5.205970

Sample Name: CCV093 Acquired: 5/31/2018 14:20:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV093 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.631356	4.961773	4.984700	4.718145	5.134669	5.129360
Stddev	.053479	.040498	.194433	.066320	.269556	.243980
%RSD	1.154707	.8162087	3.900586	1.405638	5.249726	4.756538

#1	4.674995	4.972768	4.802044	4.756032	4.873323	4.894884
#2	4.647375	4.995639	5.189084	4.756837	5.411746	5.381846
#3	4.571699	4.916913	4.962972	4.641567	5.118938	5.111351

Elem	Sr4077
Units	ppm
Avg	5.118305
Stddev	.251310
%RSD	4.910026

#1	4.882345
#2	5.382569
#3	5.090001

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2058.202	2155.815	55583.19	7281.286	3231.716
Stddev	13.529	22.909	303.67	282.585	37.473
%RSD	.6573147	1.062648	.5463316	3.880975	1.159532

#1	2042.632	2137.677	55234.42	7553.318	3208.472
#2	2064.891	2148.209	55726.16	6989.215	3211.730
#3	2067.084	2181.560	55788.99	7301.325	3274.945

Sample Name: CCB093 Acquired: 5/31/2018 14:24:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002690	.0016743	.0007437	.0001387	-.001626	.0095317	-.000704
Stddev	.0041242	.0003489	.0016456	.0029455	.000638	.0112107	.000928
%RSD	1533.422	20.83952	221.2837	2124.003	39.24628	117.6155	131.7656

#1	.0001803	.0020319	-.001143	.0024558	-.002094	.0012332	.000000
#2	-.003810	.0013349	.001885	.0011363	-.001885	.0222851	-.001756
#3	.004437	.0016560	.001488	-.003176	-.000899	.0050768	-.000358

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000545	-.000079	.0009643	.0006409	.0002311	.0023963	.0031420
Stddev	.0000158	.000040	.0097732	.0003272	.0003740	.0006694	.0125475
%RSD	28.99522	50.66685	1013.449	51.05885	161.8281	27.93486	399.3475

#1	.0000421	-.000062	.0117728	.0006596	-.000193	.0020951	-.009205
#2	.0000491	-.000051	-.001630	.0009583	.000514	.0031634	.002750
#3	.0000723	-.000125	-.007250	.0003047	.000372	.0019304	.015881

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010550	.0208753	.0002034	.0009748	-.288645	-.002717	-.002453
Stddev	.0002830	.0299133	.0001956	.0003132	.222284	.003963	.005992
%RSD	26.82500	143.2954	96.15778	32.13349	77.00956	145.8740	244.2301

#1	.0013812	-.002835	.0004004	.0011868	-.032825	-.006888	.003180
#2	.0008740	.054483	.0002004	.0006150	-.434646	-.002260	-.001792
#3	.0009100	.010978	.0000093	.0011224	-.398464	.000998	-.008749

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.316070	-.001112	-.003032	.0003207	.0180686	-.004633	-.000376
Stddev	.056239	.000139	.000934	.0001749	.0018767	.000296	.000174
%RSD	17.79306	12.53900	30.80776	54.54195	10.38625	6.393016	46.20963

#1	-.359357	-.001014	-.003956	.0004457	.0175640	-.004330	-.000176
#2	-.252505	-.001271	-.002089	.0001208	.0201459	-.004648	-.000486
#3	-.336348	-.001049	-.003050	.0003957	.0164958	-.004922	-.000468

Sample Name: CCB093 Acquired: 5/31/2018 14:24:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB093 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000020	-.000092	.0002404
Stddev	.002159	.001238	.0000951
%RSD	11028.21	1349.775	39.58401

#1	.002225	.000544	.0003465
#2	-.002082	-.001519	.0002119
#3	-.000202	.000700	.0001627

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2460.971	2598.427	63742.66	8020.933	4324.819
Stddev	8.685	27.793	302.78	10.470	44.509
%RSD	.3529175	1.069624	.4750000	.1305364	1.029160

#1	2463.295	2629.899	63395.30	8009.450	4375.833
#2	2451.360	2588.134	63882.02	8029.950	4304.722
#3	2468.257	2577.249	63950.66	8023.400	4293.903

Sample Name: J3148-20 Acquired: 5/31/2018 14:28:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1928441	-.022027	1.277433	.0326202	.0161239	149.1280	1.693982
Stddev	.0066650	.001489	.030372	.0047486	.0024104	.7580	.005388
%RSD	3.456170	6.761241	2.377602	14.55727	14.94936	.5082932	.3180398

#1	.1989859	-.023499	1.296221	.0273491	.0149622	148.3423	1.689209
#2	.1937896	-.020521	1.293687	.0339479	.0145143	149.1869	1.692913
#3	.1857569	-.022061	1.242393	.0365637	.0188951	149.8548	1.699823

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0256808	.0616430	143.0772	.6775140	.2093878	.3866048	598.6920
Stddev	.0002657	.0023720	.7815	.0012938	.0063112	.0015734	4.3596
%RSD	1.034482	3.847995	.5462348	.1909682	3.014110	.4069829	.7281804

#1	.0254837	.0629960	142.2397	.6775185	.2122329	.3869825	594.7317
#2	.0255758	.0630288	143.2047	.6762179	.2137757	.3879550	597.9809
#3	.0259829	.0589040	143.7871	.6788055	.2021550	.3848769	603.3634

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.84523	21.27367	.1754602	-.013860	2.643819	.6813329	5.478098
Stddev	.01781	.27496	.0037038	.000978	.094910	.0097706	.086810
%RSD	.1057109	1.292509	2.110898	7.058876	3.589869	1.434049	1.584679

#1	16.85214	21.01592	.1769528	-.014388	2.559081	.6707537	5.543959
#2	16.82500	21.24199	.1781847	-.014461	2.626001	.6900175	5.510610
#3	16.85854	21.56311	.1712430	-.012731	2.746374	.6832275	5.379725

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.968943	1.187743	.6684219	.0103902	5.413266	8.241212	.0342709
Stddev	.054195	.029336	.0023487	.0002172	.142052	.092280	.0015423
%RSD	.6042506	2.469921	.3513735	2.090225	2.624145	1.119738	4.500226

#1	8.932508	1.206628	.6657975	.0103635	5.505951	8.148620	.0347563
#2	8.943099	1.202655	.6691420	.0106195	5.484124	8.241837	.0355121
#3	9.031223	1.153946	.6703262	.0101876	5.249723	8.333177	.0325443

Sample Name: J3148-20 Acquired: 5/31/2018 14:28:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATN6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.303728	.0914051	.3290029
Stddev	.009710	.0008497	.0005092
%RSD	.7447524	.9295764	.1547778

#1	1.292517	.0923359	.3292356
#2	1.309421	.0906710	.3284189
#3	1.309246	.0912084	.3293542

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2714.901	2883.644	71817.11	9460.600	3802.908
Stddev	23.310	54.623	216.17	59.566	88.019
%RSD	.8585872	1.894240	.3009971	.6296202	2.314531

#1	2702.573	2850.726	71599.74	9520.530	3745.369
#2	2700.344	2853.508	71819.53	9459.864	3759.122
#3	2741.787	2946.696	72032.05	9401.405	3904.233

Sample Name: J3148-21 Acquired: 5/31/2018 14:32:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2005721	-.034329	.6067803	.0386640	.0186096	167.1465
Stddev	.0080419	.002634	.0158333	.0071751	.0019937	2.4401
%RSD	4.009498	7.673884	2.609401	18.55746	10.71336	1.459837

#1	.1925468	-.034858	.5887789	.0450117	.0163240	169.1115
#2	.2086305	-.031470	.6130145	.0401012	.0199910	167.9126
#3	.2005391	-.036659	.6185477	.0308792	.0195139	164.4152

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9797915	.0278724	-.001120	15.36462	1.134561	.3402944
Stddev	.0126439	.0005609	.001264	.23571	.002402	.0104479
%RSD	1.290467	2.012497	112.9232	1.534098	.2117162	3.070240

#1	.9867843	.0284415	-.002511	15.57177	1.136766	.3283361
#2	.9873943	.0278556	-.000807	15.41394	1.132001	.3448925
#3	.9651958	.0273200	-.000041	15.10816	1.134916	.3476546

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1934553	F 826.2444	21.17982	4.786822	.1945103	-.017809
Stddev	.0010086	13.5586	.27412	.090273	.0052697	.002242
%RSD	.5213399	1.640997	1.294263	1.885859	2.709210	12.58753

#1	.1925109	840.0836	21.41537	4.876629	.1884570	-.015729
#2	.1933375	825.6648	21.24515	4.787746	.1970000	-.017514
#3	.1945176	812.9849	20.87893	4.696090	.1980738	-.020184

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.696939	1.036964	.4326575	4.749763	.5668655	.8952079
Stddev	.085448	.020427	.0058289	.116740	.0144426	.0096390
%RSD	3.168334	1.969882	1.347236	2.457813	2.547793	1.076731

#1	2.598280	1.058748	.4287500	4.855605	.5502925	.9061977
#2	2.747357	1.033902	.4298651	4.769136	.5735430	.8881868
#3	2.745179	1.018240	.4393572	4.624548	.5767611	.8912393

Sample Name: J3148-21 Acquired: 5/31/2018 14:32:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117928	.7437182	2.941150	.0034598	.7527448	.0367462
Stddev	.0003276	.0255075	.067312	.0006985	.0130144	.0003095
%RSD	2.778072	3.429721	2.288625	20.18815	1.728928	.8423733

#1	.0114149	.7144331	3.013638	.0027033	.7635622	.0369651
#2	.0119971	.7610849	2.929196	.0035959	.7563701	.0368815
#3	.0119664	.7556364	2.880616	.0040803	.7383021	.0363921

Elem	Sr4077
Units	ppm
Avg	.0908743
Stddev	.0012230
%RSD	1.345833

#1	.0916853
#2	.0914700
#3	.0894676

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2806.061	2853.966	74012.75	9453.833	3801.559
Stddev	15.273	50.209	241.63	154.308	83.672
%RSD	.5442965	1.759279	.3264743	1.632228	2.200992

#1	2814.620	2911.713	74059.18	9309.113	3897.724
#2	2815.135	2829.555	74227.80	9436.175	3761.558
#3	2788.427	2820.630	73751.27	9616.210	3745.396

Sample Name: J3148-22 Acquired: 5/31/2018 14:36:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2329109	-.007437	1.302570	.0409418	.0179985	145.6788
Stddev	.0101902	.006077	.057847	.0081828	.0013157	2.8259
%RSD	4.375158	81.71196	4.440994	19.98635	7.310136	1.939804

#1	.2241432	-.001450	1.263144	.0500839	.0172398	148.9399
#2	.2440908	-.013600	1.368978	.0343035	.0195178	144.1474
#3	.2304987	-.007261	1.275587	.0384379	.0172380	143.9492

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.507395	.0276752	.0014344	38.92736	1.066544	.5533124
Stddev	.055301	.0005236	.0016591	.82311	.008312	.0230396
%RSD	2.205527	1.891852	115.6654	2.114489	.7793262	4.163945

#1	2.571249	.0282795	.0000352	39.86166	1.057939	.5382952
#2	2.475924	.0273598	.0032673	38.30911	1.067166	.5798391
#3	2.475011	.0273861	.0010007	38.61131	1.074528	.5418030

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2509443	F 832.1805	F 44.76541	7.135963	.1959699	-.020565
Stddev	.0027791	10.9221	1.11036	.121811	.0080825	.000437
%RSD	1.107474	1.312462	2.480404	1.707000	4.124376	2.124703

#1	.2538377	844.5744	46.03838	7.243332	.1908367	-.020069
#2	.2506996	828.0046	44.26147	7.003590	.2052867	-.020738
#3	.2482956	823.9625	43.99639	7.160968	.1917863	-.020890

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.870612	1.009977	1.732268	5.672924	.7640294	.9108470
Stddev	.088521	.009896	.032961	.169431	.0320116	.0149545
%RSD	3.083704	.9798180	1.902790	2.986666	4.189837	1.641826

#1	2.931466	1.021130	1.699275	5.867925	.7431574	.9245642
#2	2.769061	1.002247	1.765198	5.561716	.8008853	.9130724
#3	2.911310	1.006554	1.732330	5.589131	.7480456	.8949045

Sample Name: J3148-22 Acquired: 5/31/2018 14:36:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199319	1.491917	3.434978	.0094503	.9784329	.0585633
Stddev	.0006480	.072929	.070755	.0021700	.0161650	.0004969
%RSD	3.250865	4.888263	2.059835	22.96197	1.652127	.8484581

#1	.0194522	1.452332	3.515976	.0080781	.9965645	.0591225
#2	.0206690	1.576078	3.403734	.0119520	.9655280	.0581725
#3	.0196745	1.447339	3.385223	.0083206	.9732060	.0583950

Elem	Sr4077
Units	ppm
Avg	.1798780
Stddev	.0042901
%RSD	2.384983

#1	.1847717
#2	.1780969
#3	.1767653

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2783.378	2853.735	73437.54	9420.649	3764.022
Stddev	15.414	92.449	439.70	212.802	148.175
%RSD	.5537721	3.239590	.5987366	2.258885	3.936618

#1	2781.892	2914.993	73798.25	9180.113	3852.682
#2	2768.761	2747.393	72947.75	9497.429	3592.962
#3	2799.481	2898.818	73566.63	9584.405	3846.422

Sample Name: J3148-23 Acquired: 5/31/2018 14:40:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2657546	-.040099	1.315850	.0501149	.0298549	151.8584
Stddev	.0070970	.008742	.052164	.0044360	.0025770	.7256
%RSD	2.670511	21.80155	3.964252	8.851645	8.631559	.4778038

#1	.2718027	-.032918	1.276570	.0550265	.0269522	151.7779
#2	.2675194	-.049834	1.375035	.0489178	.0318730	152.6208
#3	.2579417	-.037545	1.295944	.0464002	.0307397	151.1764

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.765975	.0293497	.0078140	39.30620	.8932604	.3349688
Stddev	.010062	.0001329	.0018461	.10646	.0188955	.0121155
%RSD	.5697814	.4527417	23.62542	.2708581	2.115340	3.616896

#1	1.764995	.0294531	.0061640	39.25139	.8844771	.3269067
#2	1.776491	.0293961	.0098078	39.42890	.9149489	.3489012
#3	1.756438	.0291998	.0074702	39.23830	.8803553	.3290986

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3990622	F 1057.020	28.02821	8.961186	.2139933	-.024403
Stddev	.0039235	4.063	.22025	.083816	.0089559	.001828
%RSD	.9831826	.3844155	.7858250	.9353184	4.185112	7.489052

#1	.3965277	1055.450	27.89231	8.946494	.2074225	-.023987
#2	.4035816	1061.634	28.28233	9.051376	.2241943	-.026403
#3	.3970774	1053.975	27.90999	8.885687	.2103631	-.022819

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.571647	1.039890	5.268039	6.463541	.9997777	1.122617
Stddev	.108116	.009408	.094588	.062587	.0378172	.003563
%RSD	3.027058	.9047416	1.795510	.9683022	3.782556	.3173980

#1	3.517614	1.042534	5.250075	6.434632	.9705733	1.122016
#2	3.696128	1.047694	5.370321	6.535357	1.042495	1.119392
#3	3.501199	1.029443	5.183721	6.420635	.986265	1.126442

Sample Name: J3148-23 Acquired: 5/31/2018 14:40:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATN9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159539	2.416415	3.727931	.0198199	.9644830	.0614569
Stddev	.0006507	.100768	.036341	.0003070	.0029729	.0007575
%RSD	4.078355	4.170156	.9748418	1.548996	.3082368	1.232514

#1	.0153674	2.329970	3.718473	.0201681	.9623662	.0622599
#2	.0166538	2.527089	3.768066	.0195880	.9678818	.0607552
#3	.0158406	2.392187	3.697254	.0197037	.9632010	.0613556

Elem	Sr4077
Units	ppm
Avg	.1652130
Stddev	.0010746
%RSD	.6504454

#1	.1650450
#2	.1663618
#3	.1642323

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2746.936	2793.515	72949.24	9454.736	3692.711
Stddev	32.486	64.099	1040.81	43.370	112.192
%RSD	1.182615	2.294581	1.426763	.4587071	3.038190

#1	2753.765	2841.677	73409.74	9472.414	3771.426
#2	2711.579	2720.761	71757.61	9405.320	3564.247
#3	2775.464	2818.107	73680.37	9486.475	3742.460

Sample Name: PB109796BL Acquired: 5/31/2018 14:52:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) 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	.0022777	-.000276	-.000254	-.001113	-.000654	-.006270	-.000938
Stddev	.0037661	.001841	.000946	.001215	.000926	.008680	.000371
%RSD	165.3474	667.9153	372.5982	109.1551	141.6505	138.4436	39.56346

#1	.0058915	-.001220	-.000553	-.000067	.000398	.002014	-.001187
#2	.0025657	.001846	.000805	-.002446	-.001013	-.005525	-.000512
#3	-.001624	-.001453	-.001014	-.000827	-.001346	-.015297	-.001116

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000302	-.000107	.0094270	.0000197	.0001252	.0022127	-.011151
Stddev	.0000160	.000087	.0097276	.0004159	.0001480	.0022875	.012273
%RSD	53.04360	81.12037	103.1885	2110.126	118.2400	103.3829	110.0563

#1	.0000332	-.000011	.0153800	.0004640	.0000778	.0035387	-.004076
#2	.0000446	-.000131	-.001799	-.000360	.0000066	.0035280	-.004055
#3	.0000129	-.000179	.014700	-.000045	.0002911	-.000429	-.025323

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001174	.0108925	.0005126	.0009720	-.216635	-.004020	-.002947
Stddev	.0001970	.0254396	.0002848	.0001225	.110866	.001211	.002170
%RSD	167.8439	233.5524	55.54722	12.59923	51.17622	30.11133	73.65067

#1	.0000109	-.017952	.0008356	.0009492	-.245683	-.005372	-.000458
#2	-.000003	.020499	.0002980	.0011042	-.094137	-.003653	-.003934
#3	.000345	.030130	.0004043	.0008625	-.310085	-.003036	-.004447

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.389204	-.001207	-.006516	-.000303	.0217985	-.004717	-.000849
Stddev	.166046	.000303	.000599	.000028	.0030917	.001028	.000247
%RSD	42.66304	25.07252	9.187557	9.185311	14.18296	21.78259	29.15489

#1	-.262464	-.000858	-.007158	-.000315	.0183595	-.004004	-.000953
#2	-.577170	-.001394	-.006416	-.000271	.0243477	-.005895	-.000566
#3	-.327979	-.001369	-.005973	-.000322	.0226883	-.004253	-.001028

Sample Name: PB109796BL Acquired: 5/31/2018 14:52:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) 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	-.001113	-.001251	.0000314
Stddev	.000777	.000374	.0000482
%RSD	69.81493	29.90017	153.6328

#1	-.000956	-.001170	.0000572
#2	-.000427	-.001659	.0000612
#3	-.001957	-.000924	-.000024

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2464.726	2584.981	63964.64	8285.467	4278.581
Stddev	7.284	26.612	235.38	588.336	45.972
%RSD	.2955482	1.029474	.3679815	7.100813	1.074467

#1	2468.208	2615.320	64235.84	7812.475	4329.121
#2	2456.354	2574.034	63813.51	8944.275	4267.373
#3	2469.615	2565.589	63844.57	8099.650	4239.249

Sample Name: PB109796BS Acquired: 5/31/2018 14:56:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) 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	.0190207	.0475831	.0199813	.0640352	.1142897	.4085886
Stddev	.0026664	.0030090	.0000771	.0048554	.0087143	.0161354
%RSD	14.01860	6.323682	.3857632	7.582467	7.624732	3.949052

#1	.0160316	.0477195	.0199245	.0603940	.1080512	.4129703
#2	.0198756	.0445083	.0200691	.0621637	.1105716	.4220805
#3	.0211548	.0505217	.0199504	.0695479	.1242463	.3907149

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4006293	.0098815	.0094553	10.26504	.0224477	.0940134
Stddev	.0035094	.0001861	.0008064	.08805	.0004966	.0076692
%RSD	.8759784	1.882935	8.528172	.8577532	2.212404	8.157562

#1	.4046650	.0100943	.0089356	10.36184	.0225109	.0885669
#2	.3989287	.0098012	.0090460	10.24356	.0229097	.0906895
#3	.3982941	.0097492	.0103842	10.18972	.0219225	.1027838

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0522355	.2552051	.0336164	9.815841	.0815966	.0182939
Stddev	.0005080	.0096324	.0012912	.148868	.0061659	.0004905
%RSD	.9724517	3.774380	3.840924	1.516615	7.556531	2.680991

#1	.0522105	.2605199	.0350952	9.987257	.0773407	.0185870
#2	.0527555	.2440861	.0327122	9.741286	.0787815	.0185671
#3	.0517404	.2610092	.0330419	9.718981	.0886676	.0177277

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.788191	.1051019	.1408909	8.062905	F .0046319	.0111038
Stddev	.061192	.0038490	.0092397	.077494	.0001104	.0017365
%RSD	.6251606	3.662147	6.558023	.9611153	2.383740	15.63854

#1	9.841029	.1027509	.1348818	8.143799	.0045088	.0130977
#2	9.721145	.1095438	.1515302	7.989331	.0046649	.0099231
#3	9.802401	.1030110	.1362607	8.055586	.0047221	.0102908

Sample Name: PB109796BS Acquired: 5/31/2018 14:56:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) 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	.0201363	.1844084	.1855080	F .0135921	.2028981	.0903181
Stddev	.0015668	.0126057	.0016391	.0013686	.0014157	.0002306
%RSD	7.780927	6.835742	.8835772	10.06934	.6977259	.2553675

#1	.0188555	.1757045	.1873941	.0122496	.2034292	.0903368
#2	.0196701	.1786567	.1844284	.0135414	.2039715	.0905389
#3	.0218832	.1988640	.1847016	.0149855	.2012937	.0900787

Elem	Sr4077
Units	ppm
Avg	.2007295
Stddev	.0016109
%RSD	.8025112

#1	.2025895
#2	.1997884
#3	.1998106

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2467.798	2532.302	64288.71	8033.682	4167.221
Stddev	36.529	154.584	805.80	61.648	270.695
%RSD	1.480214	6.104498	1.253403	.7673711	6.495815

#1	2442.375	2645.296	63870.14	7964.453	4364.732
#2	2451.363	2595.475	63778.35	8053.942	4278.270
#3	2509.658	2356.137	65217.66	8082.651	3858.662

Sample Name: J3150-01 Acquired: 5/31/2018 15:00:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATP0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2353251	-.043193	1.708123	.0396457	.0201929	162.6205
Stddev	.0027683	.004563	.010125	.0106359	.0001621	5.5532
%RSD	1.176364	10.56512	.5927668	26.82732	.8027530	3.414846

#1	.2382107	-.045217	1.716866	.0405376	.0203665	161.1959
#2	.2326913	-.046393	1.710474	.0285919	.0201669	157.9183
#3	.2350731	-.037967	1.697029	.0498075	.0200454	168.7473

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.496697	.0343223	.0137463	69.10739	1.163456	.3248646
Stddev	.079193	.0011477	.0015361	2.13150	.035294	.0000455
%RSD	3.171924	3.343841	11.17447	3.084326	3.033531	.0140043

#1	2.476062	.0336330	.0143687	68.56184	1.123206	.3248643
#2	2.429864	.0336866	.0148735	67.30169	1.189114	.3248193
#3	2.584165	.0356471	.0119967	71.45864	1.178047	.3249102

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4197235	F 881.2356	29.26354	12.19511	.2329182	-.026362
Stddev	.0121266	34.1278	.81338	.49028	.0004540	.004946
%RSD	2.889182	3.872718	2.779504	4.020263	.1949288	18.76227

#1	.4148457	874.4746	29.05096	12.15498	.2334421	-.023669
#2	.4107954	850.9944	28.57757	11.72613	.2326381	-.032071
#3	.4335294	918.2379	30.16211	12.70422	.2326746	-.023348

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.792891	.9921398	3.850834	8.472512	2.461478	.9444670
Stddev	.156349	.0356306	.090229	.342662	.014114	.0345613
%RSD	4.122164	3.591292	2.343099	4.044396	.5734059	3.659342

#1	3.676838	.9820880	3.747379	8.373981	2.470472	.9498339
#2	3.731153	.9626148	3.913237	8.189910	2.468751	.9075362
#3	3.970684	1.031717	3.891887	8.853645	2.445210	.9760309

Sample Name: J3150-01 Acquired: 5/31/2018 15:00:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATP0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127972	3.539545	3.735363	.0548791	1.422495	.0765340
Stddev	.0003515	.016311	.111838	.0013705	.046857	.0028701
%RSD	2.746451	.4608094	2.994022	2.497220	3.294023	3.750087

#1	.0126138	3.531729	3.688855	.0547825	1.410769	.0754077
#2	.0125754	3.558293	3.654284	.0535596	1.382614	.0743979
#3	.0132025	3.528614	3.862950	.0562954	1.474101	.0797964

Elem	Sr4077
Units	ppm
Avg	.2538644
Stddev	.0078039
%RSD	3.074057

#1	.2518233
#2	.2472838
#3	.2624860

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2706.574	2824.742	71823.55	9604.301	3554.691
Stddev	71.171	10.749	1670.35	274.390	5.023
%RSD	2.629557	.3805252	2.325635	2.856949	.1413114

#1	2785.650	2827.110	73739.65	9650.893	3553.728
#2	2647.657	2813.007	70674.41	9852.411	3550.220
#3	2686.416	2834.110	71056.60	9309.597	3560.127

Sample Name: J3150-02 Acquired: 5/31/2018 15:04:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATP1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2274403	.0022168	1.536425	.0582981	.0197816	185.3721
Stddev	.0014983	.0119786	.005705	.0144333	.0034193	8.9448
%RSD	.6587552	540.3538	.3713254	24.75778	17.28508	4.825341

#1	.2286837	-.006856	1.530765	.0505555	.0236532	178.6311
#2	.2278603	-.002289	1.536337	.0493882	.0185166	181.9655
#3	.2257768	.015795	1.542174	.0749506	.0171751	195.5197

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.025036	.0360800	.0018512	10.48567	1.060038	.6897686
Stddev	.222575	.0021652	.0019951	.29156	.107068	.0032854
%RSD	4.429326	6.001050	107.7782	2.780531	10.10044	.4762989

#1	4.867314	.0344330	.0029214	10.22062	.936406	.6862860
#2	4.928162	.0352745	.0030828	10.43843	1.121909	.6928126
#3	5.279631	.0385324	-.000451	10.79797	1.121798	.6902074

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1935831	F 1008.643	F 63.62448	5.353050	.2531705	-.018666
Stddev	.0083567	49.521	3.01514	.258075	.0015423	.008262
%RSD	4.316835	4.909650	4.738964	4.821083	.6092042	44.26073

#1	.1902351	970.013	61.53283	5.096272	.2529548	-.010119
#2	.1874195	991.447	62.25995	5.350477	.2548093	-.026609
#3	.2030946	1064.470	67.08066	5.612403	.2517473	-.019270

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.429297	1.279531	.5948739	5.379766	.9395846	1.102764
Stddev	.331954	.060869	.0669386	.350684	.0050944	.037489
%RSD	9.679937	4.757111	11.25257	6.518577	.5421921	3.399554

#1	3.272397	1.232845	.5184660	5.099242	.9340991	1.070010
#2	3.204878	1.257374	.6229707	5.267126	.9441669	1.094631
#3	3.810617	1.348375	.6431850	5.772929	.9404879	1.143653

Sample Name: J3150-02 Acquired: 5/31/2018 15:04:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATP1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222818	.9959133	2.726733	.0045768	.9550496	.0623615
Stddev	.0005863	.0095725	.149268	.0014044	.0437968	.0029313
%RSD	2.631270	.9611744	5.474250	30.68569	4.585816	4.700548

#1	.0224923	.9857377	2.611537	.0053955	.9181599	.0598759
#2	.0227338	1.004740	2.673296	.0053799	.9435358	.0616146
#3	.0216193	.997263	2.895364	.0029552	1.003453	.0655940

Elem	Sr4077
Units	ppm
Avg	.0960901
Stddev	.0046715
%RSD	4.861608

#1	.0926166
#2	.0942528
#3	.1014010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3067.679	3097.546	81056.80	9829.624	3790.343
Stddev	232.702	12.800	6025.61	368.465	13.655
%RSD	7.585595	.4132310	7.433815	3.748515	.3602701

#1	3336.033	3110.851	88014.17	10045.82	3805.013
#2	2921.685	3085.319	77642.80	10038.87	3778.002
#3	2945.319	3096.468	77513.41	9404.18	3788.014

Sample Name: J3150-03 Acquired: 5/31/2018 15:08:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATP2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2661300	-.022444	1.055618	.0663629	.0245718	182.1509
Stddev	.0045585	.011778	.018747	.0140193	.0002464	16.8774
%RSD	1.712879	52.47795	1.775935	21.12525	1.002831	9.265603

#1	.2649082	-.009426	1.048890	.0812702	.0243690	201.4268
#2	.2623069	-.025543	1.041163	.0643745	.0248460	174.9984
#3	.2711749	-.032363	1.076801	.0534439	.0245004	170.0276

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.043470	.0351692	.0049941	22.45680	1.130323	.4380951
Stddev	.282545	.0028628	.0037883	1.70587	.010326	.0068133
%RSD	9.283642	8.140173	75.85627	7.596245	.9135793	1.555212

#1	3.366195	.0384746	.0008480	24.40018	1.118468	.4361938
#2	2.923555	.0334751	.0058594	21.76340	1.137357	.4324344
#3	2.840659	.0335580	.0082749	21.20681	1.135144	.4456571

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3152944	F 1093.403	F 41.31225	6.619592	.1986349	-.021643
Stddev	.0344878	101.364	3.91193	.603977	.0039235	.009202
%RSD	10.93828	9.270502	9.469174	9.124076	1.975250	42.51806

#1	.3549648	1209.426	45.81313	7.304280	.1960807	-.011087
#2	.2984765	1048.763	39.39310	6.392096	.1966715	-.025868
#3	.2924419	1022.021	38.73052	6.162401	.2031526	-.027973

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.930911	1.420721	1.681197	6.559021	1.425698	1.177510
Stddev	.404243	.133327	.023245	.794781	.019445	.121769
%RSD	10.28370	9.384442	1.382675	12.11738	1.363918	10.34126

#1	4.373957	1.573513	1.658224	7.464986	1.430324	1.314941
#2	3.836652	1.360660	1.704706	6.232917	1.404357	1.134533
#3	3.582126	1.327989	1.680661	5.979160	1.442414	1.083057

Sample Name: J3150-03 Acquired: 5/31/2018 15:08:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATP2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190749	1.392049	4.345409	.0135419	1.181343	.0586762
Stddev	.0006671	.020003	.369415	.0025321	.114146	.0051843
%RSD	3.497158	1.436941	8.501279	18.69792	9.662371	8.835402

#1	.0186509	1.376664	4.771030	.0130344	1.311770	.0646386
#2	.0187298	1.384822	4.157150	.0113020	1.132585	.0561579
#3	.0198438	1.414661	4.108047	.0162893	1.099673	.0552321

Elem	Sr4077
Units	ppm
Avg	.1359479
Stddev	.0128621
%RSD	9.461024

#1	.1507150
#2	.1299359
#3	.1271927

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2813.874	2977.841	74702.50	9278.075	3813.578
Stddev	22.038	24.847	338.15	726.658	51.239
%RSD	.7832054	.8343824	.4526652	7.831992	1.343607

#1	2816.248	2978.255	74825.46	8444.550	3823.447
#2	2790.745	3002.478	74320.08	9611.418	3859.165
#3	2834.629	2952.790	74961.97	9778.257	3758.122

Sample Name: J3150-04 Acquired: 5/31/2018 15:12:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATP3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1559061	-.019788	3.072918	.0272714	.0184210	145.2256	1.364743
Stddev	.0027372	.006673	.005421	.0013820	.0020471	1.0757	.011370
%RSD	1.755697	33.72336	.1764210	5.067432	11.11289	.7407006	.8331596

#1	.1580222	-.018313	3.070118	.0256757	.0207544	145.4143	1.371907
#2	.1528148	-.027076	3.069470	.0280622	.0169269	144.0680	1.351632
#3	.1568811	-.013976	3.079167	.0280763	.0175817	146.1944	1.370689

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0244814	.0071513	208.4926	.4704847	.2252630	.3355012	543.2026
Stddev	.0001822	.0001466	1.6413	.0077475	.0006173	.0054870	4.3008
%RSD	.7441909	2.050303	.7872384	1.646715	.2740244	1.635477	.7917403

#1	.0246013	.0073206	209.2261	.4792514	.2247268	.3417113	540.9793
#2	.0242718	.0070689	206.6125	.4645574	.2251245	.3334844	540.4685
#3	.0245712	.0070644	209.6393	.4676454	.2259378	.3313080	548.1599

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.06468	65.66621	.2112727	-.013491	3.160420	.4901179	3.492833
Stddev	.11060	.44993	.0009610	.001853	.212459	.0004578	.022379
%RSD	.7341901	.6851805	.4548553	13.73647	6.722482	.0934125	.6407179

#1	15.11922	65.28147	.2122578	-.015327	2.983677	.4906066	3.517955
#2	14.93740	65.55622	.2112224	-.013524	3.396135	.4896989	3.485518
#3	15.13742	66.16093	.2103378	-.011621	3.101448	.4900483	3.475027

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.36459	1.303898	.5914711	.0129791	5.943894	6.903483	.0206012
Stddev	.10225	.004322	.0078885	.0001670	.044740	.089393	.0020127
%RSD	.8269665	.3314779	1.333712	1.286395	.7526979	1.294900	9.769898

#1	12.39333	1.301857	.5854792	.0130063	5.929949	6.939395	.0208435
#2	12.25104	1.308863	.6004086	.0131308	5.993946	6.801718	.0224818
#3	12.44939	1.300974	.5885255	.0128002	5.907788	6.969336	.0184783

Sample Name: J3150-04 Acquired: 5/31/2018 15:12:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATP3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5998022	.1389881	.3639939
Stddev	.0049559	.0009918	.0022108
%RSD	.8262476	.7135493	.6073681

#1	.6012344	.1387135	.3650136
#2	.5942880	.1381627	.3614573
#3	.6038843	.1400883	.3655109

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2660.896	2810.005	70409.05	9308.454	3700.883
Stddev	32.957	9.887	869.65	75.405	8.966
%RSD	1.238559	.3518506	1.235141	.8100713	.2422619

#1	2623.403	2821.088	69410.17	9279.401	3706.435
#2	2673.996	2802.093	70997.78	9394.064	3705.674
#3	2685.289	2806.833	70819.21	9251.897	3690.539

Sample Name: J3150-05 Acquired: 5/31/2018 15:16:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEP4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3708012	-.089323	1.032140	.0648597	.0382783	213.0618
Stddev	.0091067	.001407	.015947	.0085619	.0044129	4.5825
%RSD	2.455951	1.575331	1.544997	13.20062	11.52848	2.150790

#1	.3609730	-.090277	1.024307	.0581704	.0363749	208.9309
#2	.3789536	-.087707	1.050488	.0745088	.0433234	217.9910
#3	.3724771	-.089985	1.021624	.0618998	.0351365	212.2635

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.135577	.0467884	.0029060	24.70895	1.952626	.6121906
Stddev	.021177	.0006944	.0003860	.56872	.007494	.0083646
%RSD	1.864867	1.484078	13.28271	2.301681	.3837796	1.366333

#1	1.117029	.0462136	.0030251	24.35754	1.943982	.6072248
#2	1.158651	.0475599	.0024744	25.36509	1.956601	.6218478
#3	1.131052	.0465916	.0032183	24.40420	1.957294	.6074991

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0421994	F 1553.016	29.14564	8.234288	.2598080	-.045348
Stddev	.0033341	33.949	.58697	.133517	.0027259	.002601
%RSD	7.900817	2.186017	2.013936	1.621470	1.049197	5.734781

#1	.0407382	1524.684	28.65876	8.104966	.2587580	-.047918
#2	.0460147	1590.645	29.79743	8.371637	.2629027	-.042717
#3	.0398454	1543.720	28.98073	8.226261	.2577632	-.045408

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.373549	1.855247	.3696261	3.759021	.7091624	^ *****
Stddev	.206075	.030981	.0159684	.119275	.0059383	-----
%RSD	3.834992	1.669912	4.320156	3.173043	.8373702	-----

#1	5.189844	1.824734	.3880276	3.650907	.7041967	^ -----
#2	5.334420	1.886676	.3594112	3.886971	.7157404	^ -----
#3	5.596384	1.854330	.3614395	3.739186	.7075502	^ -----

Sample Name: J3150-05 Acquired: 5/31/2018 15:16:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEP4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0419052	1.081767	3.272308	.0001681	.6731441	.0480241
Stddev	.0003578	.008658	.067664	.0028325	.0162818	.0014449
%RSD	.8537717	.8003258	2.067773	1685.089	2.418774	3.008758

#1	.0416114	1.072505	3.225048	.0030539	.6606541	.0463756
#2	.0423036	1.089656	3.349820	-.002608	.6915587	.0486261
#3	.0418006	1.083140	3.242057	.000058	.6672196	.0490708

Elem	Sr4077
Units	ppm
Avg	.1269731
Stddev	.0025050
%RSD	1.972873

#1	.1247435
#2	.1296838
#3	.1264921

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2705.371	2812.952	72493.63	9404.875	3658.872
Stddev	9.340	26.056	368.83	198.164	44.207
%RSD	.3452268	.9262892	.5087815	2.107040	1.208223

#1	2709.930	2824.994	72829.22	9547.225	3682.195
#2	2694.627	2783.052	72098.74	9178.550	3607.888
#3	2711.556	2830.808	72552.95	9488.850	3686.535

Sample Name: J3150-06 Acquired: 5/31/2018 15:20:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATP5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3190867	-.040455	1.694249	.0522787	.0240098	175.6609
Stddev	.0051031	.004572	.005286	.0026938	.0012465	1.7533
%RSD	1.599287	11.30242	.3120055	5.152777	5.191561	.9980952

#1	.3209084	-.035255	1.700185	.0524367	.0239796	173.7994
#2	.3133227	-.043847	1.692513	.0495093	.0252711	177.2809
#3	.3230290	-.042262	1.690049	.0548900	.0227787	175.9023

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.923569	.0349323	.0045709	103.2452	1.201283	.4492789
Stddev	.023780	.0004805	.0007263	1.4401	.007015	.0024512
%RSD	1.236238	1.375471	15.88972	1.394875	.5839413	.5455958

#1	1.899119	.0344372	.0053237	101.8266	1.199419	.4520884
#2	1.946617	.0353967	.0045146	104.7060	1.195389	.4475765
#3	1.924971	.0349629	.0038744	103.2030	1.209042	.4481718

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3068744	F 1020.787	29.56559	20.59525	.2305318	-.025387
Stddev	.0030956	8.623	.41594	.21924	.0000596	.000630
%RSD	1.008741	.8447798	1.406854	1.064496	.0258433	2.481283

#1	.3033001	1011.032	29.20865	20.34210	.2305647	-.025632
#2	.3086919	1027.393	30.02237	20.72145	.2304630	-.024672
#3	.3086311	1023.937	29.46575	20.72220	.2305677	-.025858

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.019704	1.166265	1.782909	8.021713	.8883466	1.073378
Stddev	.155343	.005344	.020304	.094104	.0066381	.008335
%RSD	3.864529	.4582172	1.138791	1.173119	.7472448	.7765625

#1	3.925480	1.160591	1.806215	7.966300	.8942294	1.066929
#2	3.934632	1.171203	1.773459	8.130368	.8811497	1.070415
#3	4.199001	1.167002	1.769053	7.968471	.8896608	1.082790

Sample Name: J3150-06 Acquired: 5/31/2018 15:20:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATP5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0288353	4.440174	4.912441	.0230284	.7886411	.1036156
Stddev	.0000929	.033197	.076146	.0011724	.0060696	.0017061
%RSD	.3222664	.7476589	1.550072	5.090995	.7696241	1.646545

#1	.0287889	4.461544	4.834428	.0221015	.7828625	.1019050
#2	.0287746	4.401929	4.986572	.0243463	.7949649	.1053171
#3	.0289422	4.457048	4.916324	.0226375	.7880959	.1036246

Elem	Sr4077
Units	ppm
Avg	.3177339
Stddev	.0035304
%RSD	1.111110

#1	.3145364
#2	.3215226
#3	.3171427

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2710.854	2840.423	72020.17	9337.239	3698.870
Stddev	8.606	6.975	323.67	104.333	16.436
%RSD	.3174670	.2455619	.4494173	1.117390	.4443578

#1	2712.069	2832.391	72107.87	9442.431	3679.947
#2	2718.787	2843.927	72290.95	9233.786	3707.067
#3	2701.705	2844.951	71661.68	9335.500	3709.595

Sample Name: J3150-07 Acquired: 5/31/2018 15:24:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEP5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3150179	-.048017	1.714370	.0470833	.0244548	172.0621
Stddev	.0037071	.002817	.013745	.0045775	.0007930	1.6456
%RSD	1.176794	5.867691	.8017335	9.722136	3.242873	.9563964

#1	.3133871	-.047356	1.699879	.0420700	.0240489	171.1088
#2	.3192609	-.045588	1.727222	.0481396	.0253686	171.1152
#3	.3124058	-.051106	1.716010	.0510403	.0239469	173.9622

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.903028	.0345834	.0057349	101.6386	1.219921	.4429802
Stddev	.012209	.0000994	.0003782	.8069	.027327	.0024527
%RSD	.6415499	.2875504	6.594136	.7939386	2.240054	.5536787

#1	1.898171	.0346438	.0055645	101.1575	1.251403	.4401552
#2	1.893996	.0344686	.0061683	101.1881	1.206033	.4442185
#3	1.916918	.0346378	.0054719	102.5702	1.202327	.4445668

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3006427	F 993.9979	28.94206	20.36906	.2310413	-.029643
Stddev	.0054106	12.9604	.18572	.33078	.0017414	.002484
%RSD	1.799671	1.303863	.6417016	1.623950	.7536992	8.379748

#1	.2960851	987.3693	28.81493	20.27255	.2291815	-.032350
#2	.2992207	985.6925	28.85605	20.09728	.2326331	-.029112
#3	.3066222	1008.932	29.15519	20.73737	.2313094	-.027468

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.962943	1.126848	1.809851	7.740380	.8945559	1.043833
Stddev	.070543	.011371	.040585	.046176	.0071222	.027205
%RSD	1.780076	1.009100	2.242431	.5965615	.7961754	2.606225

#1	3.890974	1.119855	1.855185	7.739594	.8898401	1.029358
#2	4.031969	1.120719	1.776902	7.694602	.9027488	1.026926
#3	3.965888	1.139968	1.797465	7.786944	.8910789	1.075215

Sample Name: J3150-07 Acquired: 5/31/2018 15:24:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATP5D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0290810	4.439543	4.812908	.0219664	.7720805	.1021976
Stddev	.0004162	.044425	.031904	.0021798	.0082251	.0010820
%RSD	1.431121	1.000666	.6628792	9.923546	1.065321	1.058777

#1	.0286363	4.399850	4.777068	.0213039	.7681045	.1013550
#2	.0294611	4.487531	4.823446	.0201946	.7665989	.1018199
#3	.0291456	4.431248	4.838209	.0244006	.7815383	.1034178

Elem	Sr4077
Units	ppm
Avg	.3108603
Stddev	.0018195
%RSD	.5852959

#1	.3097945
#2	.3098252
#3	.3129611

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2665.949	2819.152	71031.10	9382.358	3671.564
Stddev	29.193	8.968	991.58	67.171	15.071
%RSD	1.095015	.3180967	1.395979	.7159310	.4104757

#1	2634.819	2829.319	69919.77	9447.074	3687.305
#2	2692.713	2815.771	71825.39	9387.023	3657.267
#3	2670.314	2812.366	71348.13	9312.975	3670.120

Sample Name: J3150-08 Acquired: 5/31/2018 15:28:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATP5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3229786	.0570875	1.475518	.0587253	.0626380	177.6527
Stddev	.0003945	.0045395	.002819	.0044837	.0015554	1.7688
%RSD	.1221571	7.951817	.1910835	7.634991	2.483143	.9956716

#1	.3234342	.0538574	1.475169	.0537097	.0623310	175.6658
#2	.3227513	.0622777	1.472890	.0623450	.0612589	178.2362
#3	.3227503	.0551273	1.478496	.0601212	.0643239	179.0560

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.159866	.1202207	.0994452	91.47511	1.502549	1.314948
Stddev	.037924	.0015179	.0004957	.80438	.108733	.001675
%RSD	.7349855	1.262559	.4984911	.8793397	7.236538	.1273442

#1	5.126438	.1207173	.1000175	90.77059	1.627820	1.315455
#2	5.152081	.1185168	.0991701	91.30320	1.432620	1.313079
#3	5.201078	.1214281	.0991480	92.35155	1.447208	1.316311

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6824400	F 958.2733	29.26067	28.56153	1.194554	.0525943
Stddev	.0043042	12.8554	.22120	.41670	.001419	.0038748
%RSD	.6307142	1.341522	.7559684	1.458943	.1187576	7.367376

#1	.6788459	943.5085	29.18187	28.08077	1.195288	.0481275
#2	.6812639	966.9831	29.08966	28.78491	1.192918	.0546038
#3	.6872100	964.3284	29.51048	28.81891	1.195455	.0550517

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.756775	1.987917	2.188030	6.764743	.7163094	1.013004
Stddev	.070098	.009488	.135204	.135794	.0052236	.044563
%RSD	1.865901	.4773010	6.179237	2.007383	.7292347	4.399065

#1	3.775450	1.977428	2.334159	6.648446	.7102787	.965450
#2	3.815644	1.990420	2.162555	6.731809	.7194190	1.053805
#3	3.679231	1.995902	2.067376	6.913976	.7192304	1.019758

Sample Name: J3150-08 Acquired: 5/31/2018 15:28:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATP5S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0250201	4.453187	5.205342	.0260483	.6507174	.0871349
Stddev	.0002609	.028968	.067029	.0019696	.0069135	.0005741
%RSD	1.042848	.6504929	1.287693	7.561549	1.062449	.6588202

#1	.0247532	4.420743	5.243907	.0241919	.6427670	.0870639
#2	.0250324	4.462363	5.127944	.0281144	.6540672	.0865997
#3	.0252746	4.476456	5.244175	.0258386	.6553179	.0877412

Elem	Sr4077
Units	ppm
Avg	.2422314
Stddev	.0015782
%RSD	.6515354

#1	.2411383
#2	.2415151
#3	.2440407

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2587.014	2803.278	68940.70	9265.404	3737.370
Stddev	144.945	8.113	3681.55	87.996	2.864
%RSD	5.602794	.2893943	5.340175	.9497228	.0766353

#1	2419.757	2810.454	64689.64	9336.765	3736.635
#2	2665.363	2794.475	71080.48	9292.365	3734.944
#3	2675.921	2804.904	71051.99	9167.082	3740.529

Sample Name: J3150-06LX5 Acquired: 5/31/2018 15:32:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATP5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0750221	-.001366	.3451788	.0099157	.0045020	39.59960	.4420297
Stddev	.0025438	.003335	.0021031	.0010393	.0022929	2.51054	.0283466
%RSD	3.390741	244.1985	.6092923	10.48124	50.93195	6.339821	6.412818

#1	.0752052	.002161	.3470737	.0109251	.0067939	42.49852	.4747469
#2	.0723917	-.004468	.3455468	.0088489	.0022080	38.15272	.4265179
#3	.0774695	-.001790	.3429160	.0099733	.0045039	38.14755	.4248244

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086479	-.001057	24.19948	.2976254	.0877515	.0730851	243.7494
Stddev	.0003813	.000477	1.61738	.0461784	.0005609	.0045490	14.4543
%RSD	4.409621	45.14829	6.683525	15.51559	.6391842	6.224288	5.929964

#1	.0090146	-.001607	26.06525	.2677854	.0883870	.0772338	260.4272
#2	.0086757	-.000753	23.19528	.3508158	.0875421	.0682206	235.9709
#3	.0082534	-.000811	23.33791	.2742750	.0873254	.0738011	234.8502

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.033078	4.926540	.0470104	-.006019	.8588767	.2671093	.4165810
Stddev	.482444	.300053	.0007228	.005197	.0736487	.0147148	.0617776
%RSD	6.859649	6.090541	1.537558	86.34775	8.575000	5.508897	14.82967

#1	7.590117	5.272957	.0478246	-.001869	.7780236	.2839895	.3794196
#2	6.748816	4.758633	.0467625	-.011847	.9221334	.2603475	.4878944
#3	6.760300	4.748030	.0464442	-.004340	.8764731	.2569908	.3824289

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.524298	.1733649	.2606325	.0063139	.8788625	1.190136	.0035755
Stddev	.230387	.0009075	.0237850	.0002435	.0082349	.059554	.0011585
%RSD	15.11430	.5234756	9.125870	3.855900	.9369895	5.003977	32.40034

#1	1.789786	.1742963	.2879601	.0060355	.8719506	1.254155	.0035934
#2	1.406235	.1733150	.2445967	.0064872	.8879738	1.179869	.0024082
#3	1.376875	.1724834	.2493406	.0064189	.8766633	1.136382	.0047249

Sample Name: J3150-06LX5 Acquired: 5/31/2018 15:32:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATP5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1841261	.0226201	.0732884
Stddev	.0121598	.0018306	.0046797
%RSD	6.604070	8.092597	6.385279

#1	.1981586	.0240408	.0786882
#2	.1775330	.0205543	.0707631
#3	.1766868	.0232652	.0704139

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2420.392	2634.350	63101.89	8108.061	4088.993
Stddev	261.866	10.588	6810.66	447.277	18.286
%RSD	10.81916	.4019045	10.79312	5.516450	.4472091

#1	2577.398	2622.537	67357.39	7591.627	4068.022
#2	2118.090	2642.984	55246.73	8360.950	4101.615
#3	2565.687	2637.530	66701.54	8371.607	4097.341

Sample Name: J3150-09 Acquired: 5/31/2018 15:36:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEP6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2268375	-.018301	2.413483	.0383180	.0211607	134.5774
Stddev	.0083951	.005631	.037572	.0075793	.0016667	6.4967
%RSD	3.700938	30.76789	1.556748	19.78000	7.876195	4.827476

#1	.2215269	-.014453	2.370556	.0391590	.0192571	137.8231
#2	.2365161	-.015686	2.440387	.0454417	.0223572	138.8117
#3	.2224695	-.024764	2.429507	.0303532	.0218678	127.0974

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.495688	.0329615	.0236951	168.5070	.7478398	.6358253
Stddev	.169468	.0012168	.0021211	8.1586	.0292552	.0105778
%RSD	4.847910	3.691554	8.951676	4.841701	3.911965	1.663630

#1	3.580039	.0332945	.0215338	172.6671	.7153351	.6236497
#2	3.606427	.0339770	.0237779	173.7470	.7561263	.6427527
#3	3.300597	.0316128	.0257736	159.1069	.7720579	.6410735

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7631654	F 899.2535	F 49.56126	30.03491	.3591618	-.025414
Stddev	.0358919	41.7860	2.50260	1.34225	.0058854	.005906
%RSD	4.703029	4.646742	5.049506	4.468976	1.638653	23.24122

#1	.7853180	921.5339	50.97504	30.72164	.3526129	-.019475
#2	.7824235	925.1774	51.03702	30.89486	.3640085	-.025479
#3	.7217547	851.0490	46.67173	28.48824	.3608639	-.031287

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.833103	.6515764	7.526516	10.58685	1.966297	.9697486
Stddev	.297131	.0305099	.113640	.60233	.033309	.0648414
%RSD	7.751721	4.682469	1.509859	5.689441	1.694016	6.686411

#1	4.004233	.6728647	7.399474	10.83217	1.928299	1.014948
#2	4.005070	.6652418	7.561590	11.02781	1.980136	.998842
#3	3.490005	.6166226	7.618484	9.90057	1.990456	.895456

Sample Name: J3150-09 Acquired: 5/31/2018 15:36:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATP6L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0314671	6.574240	5.548633	.7125398	.7960945	.1210341
Stddev	.0004479	.110611	.244407	.0122398	.0374752	.0059744
%RSD	1.423383	1.682492	4.404812	1.717770	4.707386	4.936156

#1	.0313915	6.449662	5.627738	.6984076	.8128253	.1241166
#2	.0310617	6.612134	5.743689	.7194518	.8222900	.1248376
#3	.0319479	6.660923	5.274471	.7197599	.7531683	.1141480

Elem	Sr4077
Units	ppm
Avg	.4403356
Stddev	.0211989
%RSD	4.814264

#1	.4514558
#2	.4536608
#3	.4158904

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2775.285	2838.537	73919.70	9789.585	3571.449
Stddev	79.574	31.794	1831.22	419.808	51.550
%RSD	2.867221	1.120101	2.477304	4.288315	1.443387

#1	2866.657	2875.250	76015.32	9637.233	3630.973
#2	2737.989	2820.312	73116.11	9467.225	3541.865
#3	2721.209	2820.050	72627.67	10264.30	3541.508

Sample Name: J3150-10 Acquired: 5/31/2018 15:40:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATP7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2443577	-.033787	.6512937	.0456033	.0203503	150.0786
Stddev	.0076552	.003292	.0090559	.0020135	.0009172	.6872
%RSD	3.132776	9.743704	1.390451	4.415305	4.507314	.4579049

#1	.2494970	-.036687	.6606734	.0453474	.0199376	150.8358
#2	.2355597	-.030209	.6426007	.0437300	.0197119	149.9056
#3	.2480164	-.034464	.6506069	.0477326	.0214014	149.4945

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.257010	.0348702	.0016092	48.12005	1.291514	.3565573
Stddev	.003367	.0003103	.0004493	.32367	.007804	.0017826
%RSD	.2678564	.8899932	27.91877	.6726273	.6042416	.4999571

#1	1.260703	.0351989	.0020798	48.48453	1.300507	.3578418
#2	1.256215	.0348294	.0011848	47.86620	1.287510	.3545221
#3	1.254111	.0345823	.0015631	48.00943	1.286524	.3573079

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0910008	F 958.2075	28.08108	9.535127	.1967993	-.028347
Stddev	.0018031	4.4251	.15331	.066443	.0025938	.001136
%RSD	1.981368	.4618061	.5459687	.6968265	1.317984	4.009300

#1	.0893068	963.1618	28.23744	9.604892	.1982213	-.029643
#2	.0928960	956.8134	28.07480	9.527893	.1938055	-.027522
#3	.0907995	954.6474	27.93100	9.472597	.1983711	-.027875

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.254926	1.143082	.6073457	4.938133	1.060007	1.031160
Stddev	.154173	.010275	.0066968	.063857	.012045	.017212
%RSD	4.736599	.8988524	1.102628	1.293146	1.136338	1.669220

#1	3.348894	1.154929	.6079581	5.011622	1.070169	1.050736
#2	3.076997	1.136606	.6137153	4.896174	1.046702	1.024349
#3	3.338889	1.137711	.6003638	4.906602	1.063151	1.018397

Sample Name: J3150-10 Acquired: 5/31/2018 15:40:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATP7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0267088	1.154964	2.989688	.0032432	.5416814	.0564969
Stddev	.0003979	.015132	.021371	.0004040	.0039940	.0005484
%RSD	1.489853	1.310178	.7148312	12.45577	.7373419	.9707188

#1	.0262669	1.155393	3.010723	.0033190	.5462437	.0571257
#2	.0268207	1.139622	2.967996	.0036039	.5399851	.0562472
#3	.0270388	1.169877	2.990345	.0028067	.5388156	.0561177

Elem	Sr4077
Units	ppm
Avg	.1787824
Stddev	.0007918
%RSD	.4429032

#1	.1796642
#2	.1785510
#3	.1781321

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2730.046	2895.040	72425.27	9432.950	3739.414
Stddev	5.940	6.980	210.57	49.449	21.352
%RSD	.2175924	.2410985	.2907458	.5242155	.5710058

#1	2723.514	2891.201	72204.83	9377.200	3716.780
#2	2735.124	2903.096	72446.64	9450.145	3759.198
#3	2731.502	2890.821	72624.35	9471.507	3742.264

Sample Name: J3150-11 Acquired: 5/31/2018 15:44:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATP8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3029701	-.038827	1.721675	.0383220	.0231972	162.3514
Stddev	.0152958	.008157	.096795	.0045767	.0022591	.3147
%RSD	5.048626	21.00704	5.622128	11.94265	9.738734	.1938640

#1	.2943264	-.030607	1.647581	.0405949	.0222500	162.1045
#2	.3206309	-.046918	1.831192	.0330538	.0257757	162.7058
#3	.2939530	-.038958	1.686253	.0413174	.0215659	162.2438

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.350634	.0354542	.0108300	149.0223	1.341341	.6911830
Stddev	.005715	.0004278	.0022273	.2318	.036550	.0376793
%RSD	.2431369	1.206637	20.56626	.1555563	2.724887	5.451416

#1	2.348701	.0354539	.0092598	148.9111	1.324883	.6645365
#2	2.357066	.0358822	.0133792	149.2888	1.383227	.7342922
#3	2.346136	.0350266	.0098511	148.8671	1.315914	.6747204

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2520250	F 936.8873	F 39.50460	43.09250	.2434226	-.027502
Stddev	.0045037	3.3039	.10358	.16070	.0158792	.002463
%RSD	1.787019	.3526480	.2621935	.3729127	6.523286	8.956327

#1	.2484287	933.2404	39.53891	42.91844	.2321099	-.026069
#2	.2505700	939.6808	39.58667	43.12384	.2615755	-.030346
#3	.2570764	937.7407	39.38822	43.23522	.2365824	-.026091

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.668502	1.105375	2.260459	8.004854	1.879806	.9913540
Stddev	.051513	.008640	.049245	.030732	.099057	.0173604
%RSD	1.404193	.7816591	2.178539	.3839214	5.269546	1.751182

#1	3.678412	1.102883	2.210075	8.039167	1.806796	.9862574
#2	3.714340	1.114987	2.308480	7.995538	1.992564	.9771123
#3	3.612754	1.098254	2.262821	7.979858	1.840059	1.010692

Sample Name: J3150-11 Acquired: 5/31/2018 15:44:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATP8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0362691	2.849774	4.536059	.0215556	.8163417	.1191023
Stddev	.0014632	.165225	.071744	.0043167	.0027682	.0009845
%RSD	4.034271	5.797834	1.581640	20.02568	.3391042	.8265732

#1	.0360054	2.732407	4.526869	.0175437	.8142291	.1179715
#2	.0378461	3.038719	4.611956	.0261232	.8194755	.1197689
#3	.0349556	2.778196	4.469353	.0210000	.8153206	.1195664

Elem	Sr4077
Units	ppm
Avg	.3806448
Stddev	.0003415
%RSD	.0897093

#1	.3804093
#2	.3810364
#3	.3804887

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2628.998	2701.281	69971.50	9277.691	3374.758
Stddev	37.608	104.084	1425.78	29.381	166.903
%RSD	1.430514	3.853128	2.037656	.3166822	4.945634

#1	2657.022	2769.488	70595.39	9280.571	3491.193
#2	2586.257	2581.479	68340.12	9246.976	3183.541
#3	2643.715	2752.876	70978.99	9305.525	3449.539

Sample Name: J3080-01A Acquired: 5/31/2018 15:47:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF1E02A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050341	.0007833	.0019979	.0001575	-.001547	.0180825	.0276328
Stddev	.0060259	.0028197	.0010463	.0060332	.000473	.0040852	.0006238
%RSD	119.7008	359.9754	52.37157	3830.159	30.60387	22.59190	2.257304

#1	.0107822	.0038395	.0011780	-.005763	-.001119	.0187938	.0270435
#2	.0055559	.0002277	.0031763	.006298	-.002055	.0217653	.0275688
#3	-.001236	-.001717	.0016394	-.000062	-.001466	.0136883	.0282861

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000689	-.000136	11.33161	.0225125	-.000320	.0022132	.0785025
Stddev	.0000170	.000051	.04520	.0005653	.000256	.0019574	.0241675
%RSD	24.72099	37.73897	.3988502	2.511026	79.88379	88.44321	30.78560

#1	.0000662	-.000165	11.27944	.0222735	-.000603	.0014256	.0813871
#2	.0000871	-.000165	11.35662	.0221059	-.000105	.0044417	.1010982
#3	.0000533	-.000076	11.35878	.0231580	-.000252	.0007722	.0530222

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049180	.1751672	.0003558	.0005977	154.7990	.0036542	.0097795
Stddev	.0003484	.0224849	.0000859	.0002512	1.3293	.0034296	.0056648
%RSD	7.083722	12.83625	24.13987	42.02130	.8587282	93.85594	57.92478

#1	.0045221	.1874146	.0004417	.0003100	154.2765	.0002704	.0111315
#2	.0050539	.1492175	.0003557	.0007733	153.8104	.0071279	.0146460
#3	.0051779	.1888695	.0002699	.0007097	156.3102	.0035642	.0035611

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.02841	-.000126	.5594129	.0102064	46.40057	7.060883	-.002102
Stddev	.02127	.000289	.0090046	.0005927	2.71289	.085721	.000566
%RSD	2.068145	229.8478	1.609643	5.806922	5.846680	1.214021	26.94288

#1	-1.01541	.000151	.5558852	.0098198	44.85557	7.053721	-.001557
#2	-1.01686	-.000102	.5527063	.0108888	49.53306	6.978968	-.002687
#3	-1.05295	-.000426	.5696472	.0099106	44.81309	7.149960	-.002063

Sample Name: J3080-01A Acquired: 5/31/2018 15:47:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF1E02A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005560	.0423677	.1739070
Stddev	.0005812	.0007028	.0010022
%RSD	104.5387	1.658882	.5762663

#1	.0009611	.0418757	.1728102
#2	-.000110	.0420548	.1741358
#3	.000817	.0431727	.1747750

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2429.129	2513.549	61933.36	8012.525	4020.463
Stddev	28.523	113.812	778.12	66.153	187.827
%RSD	1.174215	4.527943	1.256376	.8256171	4.671778

#1	2450.629	2581.330	62296.97	8019.825	4135.588
#2	2439.987	2382.152	62463.11	8074.725	3803.720
#3	2396.772	2577.164	61040.01	7943.025	4122.083

Sample Name: J3033-01A Acquired: 5/31/2018 15:52:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226917	-.002877	.5566336	.0045810	-.000854	41.67662	.3172987
Stddev	.0020919	.002417	.0024707	.0029679	.000907	.19435	.0013820
%RSD	9.218759	83.99915	.4438597	64.78556	106.2179	.4663197	.4355560

#1	.0217608	-.005663	.5593793	.0071868	-.001873	41.45291	.3159406
#2	.0250875	-.001623	.5559315	.0013506	-.000137	41.77311	.3172521
#3	.0212269	-.001345	.5545900	.0052057	-.000551	41.80385	.3187034

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031729	.0053243	106.0947	.2348915	.0178197	.1321363	54.18284
Stddev	.0000783	.0001090	.1414	.0004502	.0002252	.0028225	.30946
%RSD	2.467832	2.048202	.1332778	.1916512	1.264008	2.136074	.5711418

#1	.0031081	.0053632	106.0651	.2343866	.0176802	.1301833	53.83675
#2	.0031506	.0054087	105.9703	.2352509	.0176993	.1308532	54.27889
#3	.0032599	.0052012	106.2485	.2350370	.0180796	.1353725	54.43289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8306086	45.61579	.0943729	.0004087	1.267759	.1196214	1.017054
Stddev	.0026130	.20960	.0004980	.0002400	.020003	.0015019	.019399
%RSD	.3145868	.4594824	.5277365	58.71644	1.577841	1.255577	1.907365

#1	.8282980	45.37379	.0949327	.0002342	1.260400	.1205376	1.038979
#2	.8334443	45.73968	.0942073	.0003096	1.252477	.1178881	1.002117
#3	.8300837	45.73390	.0939788	.0006824	1.290399	.1204386	1.010067

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.407994	.3916238	.0879784	.0027089	5.504494	22.99286	.0359301
Stddev	.023691	.0024227	.0005724	.0002177	.030174	.20964	.0014889
%RSD	1.682609	.6186232	.6505919	8.036143	.5481745	.9117650	4.143904

#1	1.434754	.3944174	.0886388	.0029361	5.539308	22.76023	.0356016
#2	1.399535	.3903543	.0876708	.0026883	5.488316	23.05118	.0346329
#3	1.389694	.3900997	.0876255	.0025022	5.485859	23.16716	.0375558

Sample Name: J3033-01A Acquired: 5/31/2018 15:52:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9L1A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7694288	.0277150	.1458387
Stddev	.0017141	.0006057	.0002798
%RSD	.2227785	2.185363	.1918200

#1	.7675497	.0272053	.1456653
#2	.7709068	.0275551	.1461614
#3	.7698300	.0283846	.1456895

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2442.000	2550.885	63918.69	8286.273	3950.162
Stddev	21.178	11.547	123.60	32.103	14.127
%RSD	.8672415	.4526480	.1933731	.3874220	.3576390

#1	2420.262	2537.575	63779.77	8322.817	3934.741
#2	2462.570	2558.223	63959.83	8262.615	3962.480
#3	2443.168	2556.857	64016.48	8273.388	3953.266

Sample Name: CCV094 Acquired: 5/31/2018 15:56:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV094 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.741208	4.703988	23.44498	4.722244	4.801652	407.1310
Stddev	.043545	.019465	.18571	.039104	.031974	19.6086
%RSD	.9184292	.4138058	.7920985	.8280796	.6658965	4.816287

#1	4.692407	4.691677	23.26578	4.677095	4.765028	395.5360
#2	4.776096	4.693859	23.43259	4.745392	4.824007	396.0862
#3	4.755121	4.726430	23.63657	4.744244	4.815922	429.7709

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.699351	.4970356	2.319938	390.0673	14.88034	2.327495
Stddev	.461842	.0243897	.018119	19.1942	.66619	.021119
%RSD	4.761572	4.907028	.7809937	4.920731	4.477008	.9073720

#1	9.428764	.4904807	2.304450	379.0143	14.90481	2.307796
#2	9.436669	.4765933	2.315501	378.9568	14.20225	2.324896
#3	10.23262	.5240330	2.339863	412.2308	15.53397	2.349794

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.39245	414.9798	14.02260	408.4633	2.359308	1.134203
Stddev	.69124	19.9470	.70230	19.3880	.018286	.047876
%RSD	4.802806	4.806740	5.008338	4.746571	.7750410	4.221138

#1	13.99654	402.3812	13.62789	395.7936	2.342179	1.127479
#2	13.99019	404.5806	13.60647	398.8137	2.357180	1.090045
#3	15.19062	437.9776	14.83345	430.7826	2.378564	1.185086

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	401.1999	2.467659	14.84513	146.7742	F 7.456134	5.050226
Stddev	18.6503	.116622	.61437	7.5998	.048642	.240483
%RSD	4.648632	4.726008	4.138529	5.177919	.6523694	4.761831

#1	390.8018	2.407085	14.55385	142.8247	7.419464	4.957437
#2	390.0666	2.393788	14.43057	141.9622	7.437626	4.869961
#3	422.7312	2.602103	15.55096	155.5356	7.511313	5.323281

Sample Name: CCV094 Acquired: 5/31/2018 15:56:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV094 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.666451	5.062483	4.801237	4.756905	4.848123	4.829531
Stddev	.039360	.019869	.241375	.019534	.220573	.226131
%RSD	.8434689	.3924680	5.027356	.4106364	4.549654	4.682254

#1	4.623227	5.048778	4.733737	4.736566	4.715966	4.700864
#2	4.675901	5.053402	4.600798	4.758630	4.725646	4.697094
#3	4.700226	5.085269	5.069177	4.775519	5.102758	5.090635

Elem	Sr4077
Units	ppm
Avg	4.830607
Stddev	.246613
%RSD	5.105213

#1	4.698874
#2	4.677835
#3	5.115112

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2048.972	2127.658	55171.38	7569.923	3189.033
Stddev	75.498	13.925	2043.79	318.090	19.318
%RSD	3.684657	.6544655	3.704434	4.202021	.6057555

#1	2062.425	2142.588	55222.59	7705.609	3205.525
#2	2116.838	2125.365	57189.07	7797.669	3193.795
#3	1967.652	2115.023	53102.46	7206.490	3167.780

Sample Name: CCB094 Acquired: 5/31/2018 15:59:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB094 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018250	.0022188	.0010439	-.002206	-.001095	.0228056	-.000825
Stddev	.0015712	.0014023	.0009848	.001072	.000361	.0281399	.000563
%RSD	86.09147	63.20121	94.34664	48.57971	32.96506	123.3904	68.22535

#1	.0000266	.0009354	.0020931	-.002304	-.000685	.0552261	-.000379
#2	.0029312	.0037155	.0008989	-.003226	-.001365	.0084773	-.001458
#3	.0025173	.0020055	.0001395	-.001089	-.001234	.0047134	-.000639

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000381	-.000064	.0404006	.0004408	.0001007	.0012215	.0352147
Stddev	.0000970	.000034	.0447460	.0002654	.0000727	.0027806	.0376978
%RSD	254.6286	52.47409	110.7559	60.19878	72.22132	227.6295	107.0512

#1	.0000210	-.000065	.0903537	.0003787	.0001177	.0031921	.0786444
#2	-.000049	-.000030	.0268569	.0002120	.0001635	.0024315	.0109460
#3	.000142	-.000098	.0039910	.0007317	.0000210	-.001959	.0160539

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010555	.0215695	.0005090	.0006806	-.097771	-.000482	-.000528
Stddev	.0004842	.0489454	.0001483	.0000929	.197976	.003004	.009125
%RSD	45.87804	226.9199	29.14403	13.64482	202.4892	623.1298	1727.318

#1	.0016102	.0759986	.0003574	.0005891	.107889	.002837	.005169
#2	.0008390	.0075366	.0005157	.0006777	-.287043	-.003014	-.011053
#3	.0007173	-.018827	.0006538	.0007748	-.114159	-.001269	.004299

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.120901	-.001259	-.002830	-.000049	.0231045	-.005078	-.000195
Stddev	.304766	.000349	.000903	.000240	.0038728	.000998	.000552
%RSD	252.0784	27.69559	31.91571	487.6789	16.76192	19.65899	283.3165

#1	.218092	-.001659	-.002031	.000163	.0261382	-.003942	-.000685
#2	-.208576	-.001023	-.002649	-.000001	.0187423	-.005473	.000403
#3	-.372220	-.001093	-.003810	-.000310	.0244330	-.005818	-.000303

Sample Name: CCB094 Acquired: 5/31/2018 15:59:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB094 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015305	.0010344	.0003803
Stddev	.0005398	.0019335	.0003990
%RSD	35.26956	186.9171	104.9317

#1	.0017016	.0026502	.0008373
#2	.0009259	.0015607	.0002029
#3	.0019641	-.001108	.0001007

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2419.106	2551.672	62576.21	7313.017	4237.305
Stddev	35.943	12.500	534.18	766.154	20.424
%RSD	1.485810	.4898579	.8536476	10.47658	.4820014

#1	2408.962	2537.299	62181.83	6429.875	4214.637
#2	2389.324	2560.002	62362.67	7709.450	4254.275
#3	2459.031	2557.714	63184.13	7799.725	4243.003

Sample Name: J3150-12 Acquired: 5/31/2018 16:04:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATP9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1561677	-.001676	1.193920	.0198963	.0105545	119.5571	1.765922
Stddev	.0101984	.005034	.074216	.0091598	.0008514	5.8645	.085345
%RSD	6.530423	300.4079	6.216164	46.03804	8.066607	4.905154	4.832912

#1	.1583370	-.001753	1.157086	.0222740	.0110429	119.0704	1.759192
#2	.1450592	.003396	1.145326	.0276328	.0095714	125.6498	1.854434
#3	.1651070	-.006670	1.279348	.0097820	.0110492	113.9512	1.684142

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203857	.0043553	675.6412	.4367689	.3557645	.2178985	423.7954
Stddev	.0009093	.0017516	32.3355	.0121555	.0204995	.0103941	20.7537
%RSD	4.460694	40.21738	4.785893	2.783062	5.762103	4.770164	4.897113

#1	.0204319	.0036760	673.0498	.4491231	.3434833	.2166085	420.7864
#2	.0212711	.0030452	709.1944	.4363615	.3443806	.2288774	445.8893
#3	.0194542	.0063448	644.6794	.4248222	.3794297	.2082096	404.7103

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.51971	327.2647	.1210644	-.012251	2.497750	.4683700	3.170071
Stddev	1.32099	15.9811	.0085027	.001141	.286572	.0205927	.110319
%RSD	4.800153	4.883245	7.023280	9.310879	11.47322	4.396679	3.480022

#1	27.42775	324.5508	.1164166	-.013265	2.697697	.4646869	3.231417
#2	28.88428	344.4291	.1158987	-.011016	2.626117	.4905557	3.236081
#3	26.24711	312.8144	.1308779	-.012474	2.169435	.4498673	3.042713

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.679752	1.086703	.4702074	.0116956	7.183643	9.183737	.0260777
Stddev	.511972	.062171	.0265096	.0008036	.431722	.389220	.0030900
%RSD	5.289106	5.721037	5.637859	6.870787	6.009790	4.238141	11.84900

#1	9.636207	1.052605	.4619507	.0112919	6.945528	9.177101	.0250238
#2	10.21211	1.049043	.4998628	.0111740	6.923411	9.576232	.0236526
#3	9.19094	1.158462	.4488087	.0126210	7.681989	8.797878	.0295568

Sample Name: J3150-12 Acquired: 5/31/2018 16:04:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATP9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.092622	.1135864	.5587153
Stddev	.053073	.0060997	.0267816
%RSD	4.857374	5.370101	4.793432

#1	1.087431	.1147269	.5560640
#2	1.148100	.1190354	.5867240
#3	1.042336	.1069969	.5333579

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2386.541	2567.976	63565.46	8355.309	3431.273
Stddev	57.262	109.192	1412.85	317.051	172.997
%RSD	2.399361	4.252071	2.222668	3.794610	5.041759

#1	2347.486	2631.133	62417.51	8380.840	3532.991
#2	2359.864	2630.903	63135.55	8026.265	3529.303
#3	2452.274	2441.892	65143.33	8658.824	3231.525

Sample Name: J3150-13 Acquired: 5/31/2018 16:07:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATS0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1837921	.0070491	1.062710	.0378357	.0103315	157.5803
Stddev	.0086842	.0114400	.046365	.0171048	.0010829	17.4000
%RSD	4.725002	162.2903	4.362923	45.20799	10.48162	11.04197

#1	.1755370	.0202007	1.014131	.0550215	.0093193	177.3517
#2	.1829897	.0015459	1.067512	.0376723	.0114734	150.7889
#3	.1928497	-.000599	1.106488	.0208132	.0102017	144.6002

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.735693	.0290639	.0019930	166.8451	.5976784	.3276791
Stddev	.302383	.0022805	.0033413	18.2474	.0090691	.0143583
%RSD	11.05326	7.846629	167.6483	10.93676	1.517389	4.381812

#1	3.078187	.0316630	-.001805	187.5882	.5885744	.3135771
#2	2.623255	.0281310	.003302	159.6771	.5977485	.3271797
#3	2.505636	.0273978	.004482	153.2700	.6067123	.3422806

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2173212	620.6544	F 41.14118	21.07853	.1897913	-.010477
Stddev	.0236935	67.7200	4.50049	2.28937	.0097074	.006084
%RSD	10.90252	10.91106	10.93915	10.86115	5.114775	58.07522

#1	.2442777	698.0462	46.26259	23.69919	.1798070	-.003832
#2	.2078918	591.6477	39.34392	20.06877	.1903711	-.011822
#3	.1997942	572.2694	37.81704	19.46764	.1991958	-.015775

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.699516	.6974894	1.450684	10.64677	.7911564	.7167733
Stddev	.302192	.0733962	.050302	1.32171	.0280917	.1072515
%RSD	11.19432	10.52291	3.467457	12.41417	3.550710	14.96310

#1	3.021594	.7816433	1.504928	12.13653	.7605083	.8399474
#2	2.654754	.6641060	1.405578	10.18891	.7972792	.6663215
#3	2.422202	.6467188	1.441545	9.61487	.8156816	.6440510

Sample Name: J3150-13 Acquired: 5/31/2018 16:07:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATS0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140731	3.905894	6.066635	.0230576	.9902062	.1117890
Stddev	.0006628	.152201	.490829	.0035089	.1087162	.0119346
%RSD	4.710036	3.896711	8.090622	15.21806	10.97914	10.67601

#1	.0136962	3.737155	6.625469	.0194492	1.114050	.1254051
#2	.0136846	3.947711	5.869020	.0264578	.946068	.1068211
#3	.0148384	4.032815	5.705417	.0232658	.910501	.1031408

Elem	Sr4077
Units	ppm
Avg	.3876736
Stddev	.0432962
%RSD	11.16820

#1	.4366671
#2	.3717955
#3	.3545581

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2915.488	3080.096	77053.92	9341.852	3867.454
Stddev	25.295	70.502	321.99	740.095	128.137
%RSD	.8676034	2.288940	.4178773	7.922363	3.313214

#1	2897.424	3149.344	76845.28	8497.231	3999.877
#2	2944.397	3082.539	77424.75	9651.455	3858.402
#3	2904.644	3008.404	76891.72	9876.870	3744.083

Sample Name: J3150-14 Acquired: 5/31/2018 16:11:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATS1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1699908	-.018849	1.354801	.0250777	.0113063	192.2707
Stddev	.0013866	.007953	.011178	.0037509	.0024543	1.7471
%RSD	.8157208	42.19278	.8250949	14.95705	21.70774	.9086635

#1	.1706688	-.022712	1.367601	.0293320	.0140749	193.4911
#2	.1709079	-.024132	1.349841	.0236536	.0104462	193.0516
#3	.1683956	-.009702	1.346961	.0222474	.0093977	190.2693

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.727526	.0309559	.0112503	F 1075.565	.4974648	.2794380
Stddev	.023122	.0002009	.0003186	7.839	.0107561	.0023091
%RSD	.8477270	.6491141	2.831573	.7288018	2.162181	.8263506

#1	2.747165	.0307280	.0115520	1082.410	.4867333	.2820881
#2	2.733371	.0310317	.0109172	1067.014	.4974158	.2783682
#3	2.702043	.0311078	.0112817	1077.271	.5082453	.2778578

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4677159	426.7972	28.99525	131.4890	.2009901	-.014780
Stddev	.0034089	5.2401	.19915	1.6298	.0015759	.001171
%RSD	.7288397	1.227783	.6868263	1.239498	.7840621	7.920129

#1	.4639356	429.8407	29.20207	132.3768	.2022902	-.013928
#2	.4686562	429.8045	28.97891	132.4821	.2014426	-.014296
#3	.4705560	420.7464	28.80478	129.6080	.1992375	-.016114

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.214905	.4882480	2.604110	16.26073	1.831739	.5073721
Stddev	.154536	.0047063	.058887	.12589	.011587	.0134289
%RSD	2.963360	.9639250	2.261310	.7741754	.6325580	2.646761

#1	5.384232	.4928016	2.538763	16.36622	1.842102	.5188407
#2	5.179004	.4885400	2.620502	16.29459	1.819229	.5106759
#3	5.081479	.4834025	2.653064	16.12137	1.833886	.4925996

Sample Name: J3150-14 Acquired: 5/31/2018 16:11:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATS1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125040	14.05028	3.968836	.0296334	2.133007	.1949857
Stddev	.0004605	.08317	.032112	.0027324	.019966	.0009648
%RSD	3.682859	.5919411	.8091020	9.220714	.9360345	.4948083

#1	.0130350	14.13999	4.005677	.0295779	2.141959	.1955717
#2	.0122625	13.97574	3.954053	.0323932	2.146930	.1955131
#3	.0122145	14.03513	3.946778	.0269292	2.110132	.1938721

Elem	Sr4077
Units	ppm
Avg	1.786944
Stddev	.013552
%RSD	.7584146

#1	1.798119
#2	1.790845
#3	1.771869

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2617.259	2752.146	69458.08	9440.744	3128.693
Stddev	29.729	10.740	906.36	85.311	18.957
%RSD	1.135871	.3902270	1.304905	.9036461	.6058995

#1	2637.073	2740.590	70284.03	9349.297	3108.266
#2	2631.628	2754.028	69601.75	9454.750	3132.095
#3	2583.075	2761.821	68488.46	9518.185	3145.719

Sample Name: J3150-15 Acquired: 5/31/2018 16:15:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATS2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1584624	-.027018	1.395207	.0221507	.0108223	226.0613
Stddev	.0077948	.002673	.060883	.0009511	.0036422	1.2265
%RSD	4.919026	9.893956	4.363693	4.293731	33.65449	.5425336

#1	.1561940	-.027096	1.434897	.0222834	.0112522	227.4662
#2	.1671398	-.029651	1.425613	.0230284	.0142303	225.2044
#3	.1520535	-.024306	1.325110	.0211402	.0069842	225.5133

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.671490	.0366215	.0104407	F 1095.310	.5101421	.2351666
Stddev	.011710	.0001926	.0009509	14.776	.0019706	.0107872
%RSD	.4383374	.5259212	9.107382	1.348986	.3862827	4.587051

#1	2.684993	.0366851	.0108823	1109.172	.5097185	.2410834
#2	2.664127	.0367743	.0110905	1079.765	.5122900	.2417006
#3	2.665350	.0364052	.0093494	1096.993	.5084177	.2227157

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5559648	423.3326	25.38728	178.1564	.2171049	-.013716
Stddev	.0034688	3.0785	.04418	1.2337	.0108506	.000315
%RSD	.6239331	.7272163	.1740072	.6924771	4.997881	2.296306

#1	.5589376	426.8870	25.39812	179.5786	.2245681	-.013457
#2	.5568034	421.5063	25.42504	177.5168	.2220888	-.013625
#3	.5521536	421.6047	25.33870	177.3738	.2046577	-.014067

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.183497	.4991816	2.852789	20.97607	2.287805	.5385751
Stddev	.059983	.0052534	.016648	.13924	.103714	.0012061
%RSD	.8350067	1.052408	.5835751	.6638203	4.533354	.2239482

#1	7.172730	.5002671	2.833569	21.11888	2.339074	.5395774
#2	7.248133	.5038075	2.862098	20.84069	2.355899	.5372365
#3	7.129626	.4934702	2.862701	20.96864	2.168440	.5389115

Sample Name: J3150-15 Acquired: 5/31/2018 16:15:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATS2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107593	19.08648	3.418557	.0288253	2.940200	.2330952
Stddev	.0001461	.86283	.022872	.0015008	.017965	.0008859
%RSD	1.358291	4.520614	.6690445	5.206559	.6110265	.3800483

#1	.0108116	19.47704	3.444540	.0287895	2.958524	.2339731
#2	.0105942	19.68498	3.401469	.0303437	2.922616	.2322016
#3	.0108721	18.09744	3.409663	.0273427	2.939460	.2331110

Elem	Sr4077
Units	ppm
Avg	1.862414
Stddev	.005476
%RSD	.2940497

#1	1.868560
#2	1.860634
#3	1.858050

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2651.418	2853.108	70487.03	9554.305	3086.367
Stddev	1.253	74.547	127.21	24.104	125.289
%RSD	.0472435	2.612829	.1804755	.2522884	4.059438

#1	2651.836	2802.311	70616.57	9526.779	3007.095
#2	2652.409	2818.325	70362.28	9571.639	3021.197
#3	2650.010	2938.690	70482.22	9564.497	3230.809

Sample Name: J3150-16 Acquired: 5/31/2018 16:19:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATS3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1283050	-.016286	4.992597	.0222747	.0257990	146.5287	3.767154
Stddev	.0057796	.003993	.067811	.0053136	.0018060	.8241	.018412
%RSD	4.504577	24.51774	1.358224	23.85480	7.000358	.5624168	.4887450

#1	.1261559	-.020847	5.027620	.0174947	.0273489	147.4630	3.786161
#2	.1239077	-.013422	4.914436	.0213333	.0262325	145.9050	3.765900
#3	.1348512	-.014589	5.035734	.0279960	.0238157	146.2181	3.749401

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0296668	.0222965	733.8950	.4479551	.1896216	17.62368	446.2707
Stddev	.0003187	.0003252	3.0902	.0035783	.0028638	.07383	4.1374
%RSD	1.074298	1.458376	.4210630	.7988140	1.510286	.4189119	.9271038

#1	.0300332	.0223415	736.7456	.4520841	.1907271	17.69136	450.1953
#2	.0295135	.0219512	734.3283	.4457559	.1863698	17.63473	441.9491
#3	.0294538	.0225968	730.6110	.4460254	.1917680	17.54495	446.6676

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.25744	187.3244	.2352646	-.012445	4.717129	.4238217	6.699486
Stddev	.13190	1.5841	.0032921	.000152	.083369	.0091741	.095142
%RSD	.5671355	.8456532	1.399306	1.221635	1.767368	2.164622	1.420134

#1	23.35083	188.7795	.2376980	-.012602	4.730753	.4160399	6.604754
#2	23.31494	185.6369	.2315187	-.012298	4.627788	.4214879	6.698671
#3	23.10655	187.5567	.2365770	-.012436	4.792848	.4339374	6.795032

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.08272	2.801462	.5508328	.0153474	10.36464	4.155192	.3717131
Stddev	.01667	.022089	.0081114	.0002362	.12987	.058579	.0066317
%RSD	.1379725	.7884951	1.472568	1.539216	1.252975	1.409789	1.784099

#1	12.10119	2.812945	.5460179	.0153379	10.38132	4.221951	.3716816
#2	12.07817	2.775996	.5462827	.0151161	10.22724	4.112380	.3650973
#3	12.06879	2.815444	.5601977	.0155882	10.48536	4.131245	.3783606

Sample Name: J3150-16 Acquired: 5/31/2018 16:19:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATS3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.854322	.1517904	1.351286
Stddev	.009011	.0012389	.007096
%RSD	.4859477	.8162039	.5251600

#1	1.863786	.1531166	1.359200
#2	1.845845	.1515920	1.349171
#3	1.853335	.1506627	1.345488

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2604.221	2771.803	69268.35	9237.395	3401.787
Stddev	17.838	24.964	225.76	66.177	36.953
%RSD	.6849818	.9006564	.3259236	.7164058	1.086288

#1	2623.925	2755.221	69225.16	9161.313	3379.878
#2	2589.171	2800.514	69067.31	9281.605	3444.451
#3	2599.566	2759.673	69512.59	9269.267	3381.030

Sample Name: J3150-17 Acquired: 5/31/2018 16:23:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATS4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1737065	.0189978	.8552931	.0323147	.0130960	162.4002
Stddev	.0002721	.0025313	.0055400	.0020227	.0015130	.6448
%RSD	.1566260	13.32407	.6477359	6.259327	11.55311	.3970342

#1	.1740190	.0161133	.8610523	.0303916	.0134060	161.6602
#2	.1735779	.0200314	.8548252	.0321285	.0144299	162.8412
#3	.1735225	.0208488	.8500019	.0344241	.0114520	162.6992

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.863426	.0316762	.0035444	49.33952	.7035835	.5204751
Stddev	.007259	.0001739	.0005759	.01567	.0279137	.0035108
%RSD	.2534957	.5488727	16.24932	.0317656	3.967357	.6745411

#1	2.871053	.0317647	.0041694	49.34223	.7357858	.5209647
#2	2.856603	.0317880	.0034289	49.35367	.6886778	.5237155
#3	2.862621	.0314759	.0030350	49.32267	.6862868	.5167452

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1214646	686.5273	F 62.96374	6.980758	.2726668	-.022236
Stddev	.0012702	5.6941	.03821	.084231	.0022421	.002975
%RSD	1.045747	.8294046	.0606854	1.206621	.8222710	13.37920

#1	.1221095	680.2082	62.92574	6.883872	.2722319	-.025600
#2	.1222831	691.2599	62.96333	7.021811	.2750945	-.019952
#3	.1200014	688.1138	63.00215	7.036592	.2706741	-.021155

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.480355	.7828266	.4422133	7.143771	.7059731	.7436894
Stddev	.116779	.0050348	.0125344	.081599	.0058978	.0247488
%RSD	4.708150	.6431634	2.834462	1.142241	.8354121	3.327843

#1	2.603731	.7777394	.4564400	7.101989	.7095215	.7151120
#2	2.465796	.7878075	.4374045	7.237799	.7092329	.7579153
#3	2.371539	.7829328	.4327954	7.091524	.6991650	.7580410

Sample Name: J3150-17 Acquired: 5/31/2018 16:23:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATS4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200333	1.471993	3.345774	.0061551	.5898719	.0757437
Stddev	.0002815	.020817	.018369	.0013140	.0060936	.0007942
%RSD	1.404990	1.414217	.5490120	21.34832	1.033043	1.048579

#1	.0203451	1.474450	3.366446	.0047328	.5829223	.0764262
#2	.0197978	1.491473	3.331324	.0064085	.5923928	.0748719
#3	.0199571	1.450057	3.339554	.0073239	.5943006	.0759329

Elem	Sr4077
Units	ppm
Avg	.2010324
Stddev	.0002460
%RSD	.1223508

#1	.2012915
#2	.2008021
#3	.2010037

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2845.302	3048.582	74611.41	9798.267	3725.091
Stddev	68.993	16.876	1877.13	67.584	21.923
%RSD	2.424816	.5535799	2.515871	.6897581	.5885255

#1	2765.669	3041.185	72443.92	9868.983	3713.357
#2	2883.135	3036.667	75684.52	9734.325	3711.533
#3	2887.103	3067.894	75705.78	9791.492	3750.384

Sample Name: J3150-18 Acquired: 5/31/2018 16:27:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATS5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2066256	-.005864	3.325697	.0339886	.0156947	163.8905
Stddev	.0071027	.003710	.038044	.0044155	.0025691	.5732
%RSD	3.437475	63.26831	1.143941	12.99125	16.36936	.3497175

#1	.2097972	-.002040	3.317352	.0289488	.0183372	163.4375
#2	.2115899	-.006104	3.367221	.0371775	.0155411	163.6992
#3	.1984897	-.009449	3.292519	.0358394	.0132058	164.5349

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.639641	.0339195	.0137726	161.9804	.7818584	.4177350
Stddev	.009871	.0002373	.0006354	.4236	.0036510	.0044266
%RSD	.2712055	.6995254	4.613550	.2614916	.4669670	1.059672

#1	3.647176	.0337341	.0137306	162.0817	.7794603	.4161935
#2	3.628468	.0341869	.0144279	161.5154	.7860603	.4227262
#3	3.643280	.0338375	.0131592	162.3442	.7800547	.4142852

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.085887	663.4389	F 46.22362	23.89002	.7624049	-.019115
Stddev	.011242	3.6394	.18448	.17436	.0083143	.000273
%RSD	1.035264	.5485729	.3991120	.7298552	1.090538	1.426337

#1	1.085845	659.5235	46.33987	23.71005	.7599199	-.018997
#2	1.074666	664.0747	46.01091	23.90184	.7716783	-.019426
#3	1.097150	666.7186	46.32010	24.05817	.7556164	-.018921

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.944893	.7661258	3.817176	10.53599	1.732125	.7392938
Stddev	.182987	.0065094	.045026	.06406	.025369	.0078091
%RSD	6.213696	.8496471	1.179561	.6079734	1.464598	1.056296

#1	3.085482	.7611602	3.865809	10.51596	1.720854	.7367908
#2	2.737996	.7734952	3.808780	10.48434	1.761176	.7330430
#3	3.011200	.7637220	3.776939	10.60766	1.714345	.7480475

Sample Name: J3150-18 Acquired: 5/31/2018 16:27:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATS5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224154	4.051904	6.335607	.0420257	1.027408	.1064831
Stddev	.0006445	.054119	.065189	.0007392	.005946	.0010110
%RSD	2.875170	1.335649	1.028932	1.759007	.5786945	.9494118

#1	.0222278	4.062247	6.263041	.0428381	1.021295	.1074950
#2	.0231329	4.100106	6.389218	.0413926	1.027761	.1054731
#3	.0218855	3.993360	6.354562	.0418464	1.033170	.1064810

Elem	Sr4077
Units	ppm
Avg	.5874619
Stddev	.0019733
%RSD	.3359090

#1	.5880949
#2	.5852498
#3	.5890412

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2765.374	2934.688	73021.17	9509.814	3423.049
Stddev	23.914	19.564	297.90	64.277	36.814
%RSD	.8647673	.6666334	.4079692	.6759033	1.075476

#1	2761.575	2934.950	72937.63	9582.320	3430.024
#2	2743.586	2914.994	72773.96	9459.824	3383.247
#3	2790.960	2954.119	73351.93	9487.298	3455.877

Sample Name: J3150-19 Acquired: 5/31/2018 16:31:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATS6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2060165	-.022757	1.986958	.0270350	.0126953	247.6564	3.086653
Stddev	.0030962	.008125	.018083	.0047790	.0006000	8.6651	.104303
%RSD	1.502865	35.70236	.9100740	17.67708	4.725819	3.498833	3.379174

#1	.2094044	-.013382	1.988481	.0307432	.0120074	257.5732	3.203887
#2	.2053113	-.027748	2.004232	.0216417	.0131100	243.8497	3.051940
#3	.2033338	-.027140	1.968162	.0287200	.0129685	241.5463	3.004133

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0340246	.0128069	766.9639	.4980774	.2286401	.4377974	417.7542
Stddev	.0011122	.0006054	25.0274	.0021984	.0019219	.0158122	15.7240
%RSD	3.268901	4.726737	3.263176	.4413772	.8405767	3.611764	3.763939

#1	.0352142	.0121889	794.4811	.5005849	.2287644	.4558980	435.9102
#2	.0338490	.0133987	760.8521	.4971657	.2304969	.4266730	408.5515
#3	.0330107	.0128332	745.5586	.4964814	.2266591	.4308212	408.8011

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.48222	126.6510	.1930395	-.012602	5.464955	.4710768	3.407464
Stddev	.80689	4.8590	.0009668	.001530	.153344	.0086093	.020841
%RSD	3.295820	3.836511	.5008335	12.14452	2.805960	1.827573	.6116136

#1	25.34418	132.2617	.1935009	-.010835	5.577573	.4809654	3.427383
#2	24.35757	123.8473	.1936891	-.013481	5.526979	.4670171	3.385810
#3	23.74490	123.8441	.1919284	-.013490	5.290314	.4652480	3.409200

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.79612	1.372977	.5586026	.0106271	24.66296	3.059162	.0297521
Stddev	.79933	.007134	.0220546	.0003298	.18574	.091326	.0017480
%RSD	4.037813	.5196352	3.948177	3.103788	.7530961	2.985337	5.875046

#1	20.69632	1.370286	.5831531	.0107895	24.60229	3.158268	.0300176
#2	19.52256	1.381066	.5404655	.0108442	24.87144	3.040818	.0278866
#3	19.16949	1.367580	.5521891	.0102475	24.51514	2.978400	.0313521

Sample Name: J3150-19 Acquired: 5/31/2018 16:31:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATS6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.964427	.2830044	1.249494
Stddev	.170189	.0097267	.042492
%RSD	3.428161	3.436948	3.400701

#1	5.159907	.2942122	1.296640
#2	4.884149	.2780311	1.237687
#3	4.849226	.2767699	1.214154

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2780.837	2929.216	73362.58	9693.098	3236.639
Stddev	3.923	19.782	271.76	267.707	24.407
%RSD	.1410783	.6753218	.3704409	2.761834	.7540915

#1	2785.304	2910.189	73063.15	9398.246	3219.923
#2	2777.952	2927.784	73593.61	9760.125	3225.346
#3	2779.255	2949.675	73430.99	9920.922	3264.648

Sample Name: J3150-20 Acquired: 5/31/2018 16:35:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATS7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1901351	.0018809	1.169133	.0271057	.0073297	133.8220
Stddev	.0077921	.0025667	.009396	.0033532	.0018050	2.0744
%RSD	4.098200	136.4577	.8036860	12.37064	24.62549	1.550130

#1	.1991280	.0019685	1.179858	.0250046	.0053141	132.5682
#2	.1853891	-.000728	1.165190	.0309728	.0087967	132.6814
#3	.1858882	.004403	1.162350	.0253397	.0078782	136.2164

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.884143	.0326822	.0047414	48.82106	1.021520	.5491984
Stddev	.042632	.0004042	.0006378	.64371	.103911	.0027817
%RSD	1.478151	1.236740	13.45267	1.318512	10.17223	.5065103

#1	2.855747	.0322409	.0051378	48.36546	.935236	.5523269
#2	2.863518	.0330343	.0050807	48.54026	1.136869	.5470038
#3	2.933166	.0327715	.0040056	49.55747	.992454	.5482644

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1845869	552.4721	F 47.65346	7.467034	.2404434	-.024526
Stddev	.0036734	8.8814	.80302	.120642	.0009187	.007043
%RSD	1.990087	1.607576	1.685116	1.615658	.3820651	28.71569

#1	.1809594	546.3137	47.22630	7.425899	.2414361	-.018576
#2	.1844967	548.4496	47.15430	7.372340	.2402708	-.032302
#3	.1883046	562.6531	48.57977	7.602864	.2396232	-.022699

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.033764	.7041634	.6805508	5.435959	.8036409	.5896613
Stddev	.205255	.0114946	.0650135	.096101	.0063937	.0245088
%RSD	10.09237	1.632379	9.553066	1.767885	.7955953	4.156427

#1	1.895125	.6965697	.6232087	5.391788	.8110190	.5816984
#2	1.936608	.6985327	.7511821	5.369884	.7997214	.5701240
#3	2.269559	.7173877	.6672615	5.546204	.8001824	.6171614

Sample Name: J3150-20 Acquired: 5/31/2018 16:35:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATS7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128731	2.362151	5.420633	.0103795	1.091226	.0638942
Stddev	.0004558	.001119	.077947	.0005757	.020216	.0016161
%RSD	3.540659	.0473867	1.437967	5.546310	1.852601	2.529264

#1	.0130685	2.362099	5.332408	.0099156	1.078654	.0631001
#2	.0131987	2.361059	5.480174	.0110238	1.080479	.0628289
#3	.0123522	2.363296	5.449315	.0101992	1.114546	.0657537

Elem	Sr4077
Units	ppm
Avg	.1895564
Stddev	.0029622
%RSD	1.562721

#1	.1878980
#2	.1877949
#3	.1929764

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2885.109	3251.718	75419.12	10488.48	3483.900
Stddev	208.076	6.528	5492.24	129.56	19.512
%RSD	7.212063	.2007531	7.282285	1.235252	.5600713

#1	3082.917	3245.798	80264.79	10540.74	3461.828
#2	2668.097	3258.719	69453.09	10583.75	3498.852
#3	2904.314	3250.638	76539.48	10340.95	3491.021

Sample Name: J3150-21 Acquired: 5/31/2018 16:39:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATS8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2305832	.0009819	2.298976	.0303756	.0117857	152.8753
Stddev	.0017548	.0046041	.026233	.0015439	.0007851	1.4834
%RSD	.7610439	468.8957	1.141064	5.082678	6.661404	.9703484

#1	.2285577	-.003522	2.329235	.0297121	.0123114	154.0885
#2	.2316473	.005680	2.285059	.0292743	.0121626	153.3161
#3	.2315445	.000787	2.282634	.0321403	.0108833	151.2215

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.979186	.0337284	.0086854	136.3155	1.157656	.9827959
Stddev	.043201	.0002950	.0002279	1.1051	.022158	.0133877
%RSD	1.085669	.8745851	2.623695	.8107089	1.914000	1.362202

#1	4.015829	.0338325	.0089096	137.3119	1.138758	.9982281
#2	3.990177	.0333955	.0084540	136.5078	1.152167	.9758638
#3	3.931551	.0339573	.0086927	135.1269	1.182042	.9742959

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2930856	650.0907	F 58.49448	18.76575	.2778381	-.019546
Stddev	.0024215	6.1015	.44043	.18988	.0039286	.000625
%RSD	.8262003	.9385561	.7529445	1.011869	1.413978	3.197268

#1	.2946428	654.1182	58.94898	18.90693	.2820454	-.018989
#2	.2943183	653.0831	58.46483	18.84045	.2772033	-.019427
#3	.2902958	643.0707	58.06962	18.54988	.2742656	-.020222

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.765809	.8733297	1.384385	7.516043	.8968455	.7178633
Stddev	.119022	.0081329	.022064	.098132	.0119217	.0208801
%RSD	4.303351	.9312468	1.593801	1.305636	1.329297	2.908639

#1	2.824469	.8740065	1.365610	7.619123	.9106027	.7292080
#2	2.844115	.8811030	1.378857	7.505257	.8895398	.7306151
#3	2.628842	.8648796	1.408688	7.423750	.8903941	.6937667

Sample Name: J3150-21 Acquired: 5/31/2018 16:39:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATS8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224859	4.684369	6.182190	.0236417	1.728082	.1170525
Stddev	.0006030	.070187	.027950	.0028013	.017090	.0006006
%RSD	2.681777	1.498334	.4521048	11.84910	.9889560	.5131325

#1	.0231574	4.763741	6.214238	.0233441	1.742489	.1176978
#2	.0223097	4.658876	6.162861	.0210011	1.732556	.1169500
#3	.0219906	4.630491	6.169473	.0265800	1.709199	.1165098

Elem	Sr4077
Units	ppm
Avg	.3623913
Stddev	.0033791
%RSD	.9324303

#1	.3655982
#2	.3627126
#3	.3588630

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2977.132	3120.348	79086.19	10139.93	3504.451
Stddev	21.023	21.006	909.72	87.71	40.838
%RSD	.7061425	.6731783	1.150287	.8649665	1.165328

#1	2985.260	3096.824	79709.30	10046.87	3457.319
#2	2992.878	3137.228	79507.02	10151.86	3526.715
#3	2953.259	3126.991	78042.25	10221.07	3529.318

Sample Name: J3150-22 Acquired: 5/31/2018 16:43:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATS9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1255700	-.016281	3.214764	.0140466	.0116699	265.4158
Stddev	.0015395	.003913	.022232	.0006488	.0008207	1.1573
%RSD	1.225994	24.03632	.6915633	4.618539	7.032322	.4360208

#1	.1261219	-.017026	3.196241	.0133741	.0119478	266.7447
#2	.1267574	-.012049	3.239419	.0140969	.0107463	264.8734
#3	.1238306	-.019769	3.208633	.0146687	.0123155	264.6293

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.822656	.0382119	.0225220	F 837.7375	.4377367	.1897472
Stddev	.013659	.0001192	.0003005	9.6797	.0189687	.0018629
%RSD	.3573061	.3118050	1.334118	1.155461	4.333346	.9817725

#1	3.837782	.0381253	.0224093	845.1247	.4266869	.1886944
#2	3.811224	.0381627	.0228625	841.3081	.4268837	.1918982
#3	3.818963	.0383478	.0222942	826.7797	.4596396	.1886492

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5747425	302.3736	17.26577	147.7886	.1703436	-.009989
Stddev	.0022651	2.3036	.02949	.7972	.0014404	.001556
%RSD	.3941076	.7618521	.1707898	.5394279	.8455915	15.57769

#1	.5763118	304.4929	17.29959	148.6072	.1689932	-.009080
#2	.5757699	302.7062	17.24544	147.7440	.1718597	-.009101
#3	.5721458	299.9218	17.25229	147.0147	.1701779	-.011786

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.492185	.3662823	5.785852	17.95069	1.651953	.4217763
Stddev	.058376	.0073917	.151363	.07451	.017454	.0072462
%RSD	1.062895	2.018032	2.616097	.4150985	1.056562	1.718017

#1	5.431657	.3657003	5.660031	18.03673	1.640352	.4270821
#2	5.496759	.3739478	5.743701	17.90802	1.672026	.4247264
#3	5.548140	.3591988	5.953823	17.90733	1.643480	.4135204

Sample Name: J3150-22 Acquired: 5/31/2018 16:43:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATS9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130557	33.76040	1.916171	.0535969	3.085947	.3158703
Stddev	.0003952	.31078	.018174	.0002147	.011163	.0009478
%RSD	3.027084	.9205606	.9484721	.4005357	.3617254	.3000532

#1	.0127292	33.55264	1.911011	.0535005	3.097469	.3169525
#2	.0134951	34.11768	1.901134	.0538429	3.085191	.3151882
#3	.0129427	33.61087	1.936367	.0534473	3.075182	.3154701

Elem	Sr4077
Units	ppm
Avg	1.382402
Stddev	.004406
%RSD	.3187379

#1	1.387284
#2	1.378720
#3	1.381201

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2814.231	3069.219	74121.10	10292.25	3228.321
Stddev	81.454	8.395	2299.53	53.37	19.116
%RSD	2.894371	.2735253	3.102398	.5184998	.5921205

#1	2849.031	3073.790	75043.12	10232.18	3240.114
#2	2872.505	3059.530	75816.53	10310.40	3206.266
#3	2721.158	3074.336	71503.64	10334.17	3238.583

Sample Name: PB109782BL Acquired: 5/31/2018 16:47:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) 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	.0008512	.0010931	-.001451	-.002784	-.000176	.0034735	-.001630
Stddev	.0028286	.0031384	.000669	.002670	.000730	.0080471	.000462
%RSD	332.3200	287.0983	46.11945	95.92340	414.1901	231.6714	28.32727

#1	.0034222	.0023179	-.000721	-.003875	.000087	.0111856	-.001876
#2	-.002179	-.002473	-.001599	.000259	.000386	-.004871	-.001916
#3	.001310	.003435	-.002035	-.004736	-.001001	.004106	-.001097

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000333	-.000124	.0351340	.0001009	.0000081	.0025811	.0075889
Stddev	.0000343	.000060	.0100078	.0001422	.0001610	.0011103	.0013199
%RSD	103.0243	48.10120	28.48477	140.9568	1982.272	43.01558	17.39208

#1	.0000144	-.000100	.0414866	-.000052	-.000023	.0013003	.0066327
#2	.0000728	-.000193	.0403177	.000229	.000182	.0031733	.0070391
#3	.0000126	-.000081	.0235977	.000126	-.000135	.0032697	.0090947

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019168	.0289292	.0004057	.0007952	-.103457	-.002068	.0028696
Stddev	.0001351	.0217772	.0003122	.0001326	.365045	.002788	.0058896
%RSD	7.047886	75.27767	76.97431	16.67547	352.8458	134.8275	205.2405

#1	.0020525	.0521212	.0004191	.0008394	-.269993	-.003678	.0093721
#2	.0019156	.0257499	.0000869	.0006461	.315157	-.003678	-.002107
#3	.0017823	.0089164	.0007110	.0009001	-.355537	.001152	.001344

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.249323	-.001634	-.008218	-.000108	.0217595	-.004688	-.000976
Stddev	.052215	.000253	.000120	.000078	.0024504	.000569	.001164
%RSD	20.94277	15.48773	1.462028	72.27097	11.26122	12.14684	119.2081

#1	-.192010	-.001754	-.008147	-.000032	.0227654	-.005195	-.000761
#2	-.261768	-.001805	-.008151	-.000188	.0189663	-.004797	-.002232
#3	-.294191	-.001343	-.008357	-.000103	.0235469	-.004072	.000065

Sample Name: PB109782BL Acquired: 5/31/2018 16:47:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) 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	.0010629	-.001108	.0000407
Stddev	.0008443	.000954	.0000386
%RSD	79.43241	86.09753	94.80152

#1	.0013385	-.000758	.0000046
#2	.0001152	-.002188	.0000813
#3	.0017349	-.000379	.0000361

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2376.990	2525.520	61411.63	7661.142	4187.714
Stddev	12.567	11.707	324.70	8.089	23.111
%RSD	.5287018	.4635408	.5287320	.1055839	.5518740

#1	2381.146	2512.462	61785.85	7665.225	4164.690
#2	2386.954	2529.021	61204.51	7666.375	4187.539
#3	2362.872	2535.076	61244.54	7651.825	4210.911

Sample Name: PB109782BS Acquired: 5/31/2018 16:51:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) 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	.0197584	.0451022	.0162126	.0541197	.1018208	.3881382
Stddev	.0017856	.0014159	.0002569	.0016250	.0016712	.0073978
%RSD	9.037050	3.139209	1.584498	3.002526	1.641356	1.905979

#1	.0194787	.0439301	.0162689	.0547168	.1032001	.3930196
#2	.0216674	.0466753	.0159322	.0553616	.1023000	.3796265
#3	.0181293	.0447013	.0164366	.0522806	.0999623	.3917685

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3840893	.0096466	.0083932	9.732099	.0207308	.0841129
Stddev	.0019981	.0002021	.0001147	.063930	.0004123	.0005340
%RSD	.5202180	2.095407	1.366992	.6569031	1.988714	.6348521

#1	.3833091	.0096872	.0084438	9.700484	.0211273	.0845466
#2	.3863598	.0098253	.0084739	9.805677	.0207608	.0842755
#3	.3825989	.0094272	.0082618	9.690134	.0203044	.0835165

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0496926	.2399765	.0317445	9.495356	.0711203	.0178185
Stddev	.0015855	.0052484	.0009466	.090100	.0005501	.0003421
%RSD	3.190614	2.187053	2.981799	.9488889	.7735315	1.919673

#1	.0488042	.2460280	.0309570	9.401038	.0716834	.0180896
#2	.0487505	.2366677	.0314820	9.580543	.0710935	.0179318
#3	.0515231	.2372336	.0327947	9.504487	.0705841	.0174342

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.456140	.1017928	.1086782	7.626836	F .0041621	.0100207
Stddev	.050971	.0031912	.0127345	.108104	.0001873	.0009673
%RSD	.5390286	3.134964	11.71763	1.417417	4.500594	9.653268

#1	9.478231	.0993736	.1232234	7.658866	.0043022	.0110248
#2	9.492338	.1054095	.1032755	7.715305	.0042349	.0090949
#3	9.397849	.1005953	.0995357	7.506336	.0039494	.0099423

Sample Name: PB109782BS Acquired: 5/31/2018 16:51:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) 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	.0181617	.1599599	.1759912	F .0121547	.1956779	.0863582
Stddev	.0002522	.0041500	.0019490	.0005897	.0011172	.0019825
%RSD	1.388408	2.594381	1.107445	4.851398	.5709445	2.295648

#1	.0181638	.1647275	.1769807	.0126902	.1968609	.0880703
#2	.0184128	.1579940	.1772469	.0115228	.1955319	.0868183
#3	.0179085	.1571582	.1737459	.0122511	.1946408	.0841862

Elem	Sr4077
Units	ppm
Avg	.1927368
Stddev	.0010285
%RSD	.5336019

#1	.1929286
#2	.1936557
#3	.1916259

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2577.619	2796.425	66912.69	8371.921	4613.096
Stddev	56.569	16.036	1559.72	76.024	36.647
%RSD	2.194632	.5734326	2.330984	.9080859	.7944044

#1	2513.092	2785.225	65237.83	8343.950	4582.689
#2	2601.091	2789.256	67176.65	8313.845	4602.813
#3	2618.674	2814.795	68323.60	8457.968	4653.786

Sample Name: J3145-01 Acquired: 5/31/2018 16:55:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAW60 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0786746	-.005056	2.300332	-.002899	.0001567	12.28035	.5678721
Stddev	.0009988	.001546	.007303	.001581	.0013244	1.18779	.0539026
%RSD	1.269475	30.57210	.3174940	54.52658	845.0373	9.672271	9.492037

#1	.0778035	-.006829	2.308578	-.001415	-.000670	11.61173	.5382074
#2	.0784555	-.003992	2.297742	-.004561	.001684	11.57758	.5353179
#3	.0797647	-.004346	2.294677	-.002720	-.000544	13.65175	.6300912

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010074	.0024814	293.7765	.1588977	.0142058	1.595421	21.96573
Stddev	.0000865	.0001040	28.1844	.0032942	.0002688	.149573	2.08714
%RSD	8.585549	4.189976	9.593820	2.073137	1.892163	9.375155	9.501820

#1	.0009685	.0025501	277.6388	.1575307	.0140152	1.510672	20.74841
#2	.0009471	.0025323	277.3701	.1565071	.0145133	1.507467	20.77308
#3	.0011065	.0023618	326.3207	.1626553	.0140891	1.768123	24.37572

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.454216	103.7831	.0222104	.0013278	.3730367	.4152956	.7239364
Stddev	.134808	10.2251	.0004695	.0002110	.1984730	.0380321	.0134624
%RSD	9.270173	9.852344	2.113848	15.89008	53.20467	9.157839	1.859608

#1	1.378774	98.0548	.0222684	.0013073	.3080403	.3916053	.7221794
#2	1.374020	97.7062	.0226482	.0011277	.2152112	.3951170	.7114388
#3	1.609855	115.5882	.0217146	.0015482	.5958586	.4591645	.7381911

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.717443	.1513859	.0516263	.0093645	4.886738	2.322967	-.003511
Stddev	.440559	.0037045	.0057434	.0001241	.016502	.199597	.000680
%RSD	16.21226	2.447026	11.12506	1.325214	.3376817	8.592314	19.36862

#1	2.474145	.1493451	.0484674	.0093093	4.903707	2.201931	-.003667
#2	2.452186	.1491506	.0481556	.0092776	4.885762	2.213627	-.002766
#3	3.225999	.1556620	.0582558	.0095066	4.870747	2.553342	-.004099

Sample Name: J3145-01 Acquired: 5/31/2018 16:55:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAW60 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1553161	.0330445	.7850276
Stddev	.0163617	.0036588	.0738935
%RSD	10.53443	11.07238	9.412854

#1	.1458971	.0320704	.7432865
#2	.1458423	.0299713	.7414504
#3	.1742089	.0370917	.8703459

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2623.217	2731.195	68994.07	8407.749	4293.213
Stddev	59.521	3.279	1379.61	676.219	5.281
%RSD	2.268990	.1200518	1.999609	8.042806	.1230081

#1	2626.575	2729.321	69535.97	8811.527	4290.349
#2	2680.988	2734.981	70020.46	8784.647	4289.983
#3	2562.089	2729.284	67425.78	7627.073	4299.308

Sample Name: J3145-02 Acquired: 5/31/2018 16:59:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEK0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1194629	-.005268	4.255225	.0169031	.0094129	95.37416	1.978801
Stddev	.0029517	.001965	.140090	.0020918	.0004772	.31570	.008605
%RSD	2.470778	37.31066	3.292193	12.37551	5.069451	.3310079	.4348566

#1	.1219830	-.005067	4.385677	.0148008	.0092827	95.24616	1.969185
#2	.1201901	-.007325	4.272835	.0169241	.0099417	95.73375	1.981440
#3	.1162156	-.003410	4.107162	.0189843	.0090144	95.14256	1.985776

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147238	.0132010	485.1405	.3244668	.0991918	.4778855	275.2649
Stddev	.0001048	.0007227	2.3173	.0070337	.0031061	.0035135	2.5256
%RSD	.7118618	5.474626	.4776636	2.167774	3.131407	.7352239	.9175272

#1	.0147945	.0139527	482.5199	.3325018	.1016661	.4766431	275.9148
#2	.0146034	.0131391	485.9825	.3194240	.1002033	.4818514	277.4021
#3	.0147735	.0125113	486.9192	.3214745	.0957061	.4751620	272.4779

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.90593	43.61703	.1289332	-.005763	1.893278	.3888604	4.417879
Stddev	.07081	.28106	.0046088	.000417	.083296	.0030763	.076614
%RSD	.4750194	.6443913	3.574549	7.227117	4.399564	.7911051	1.734191

#1	14.82432	43.65682	.1335986	-.006239	1.844225	.3856574	4.474298
#2	14.95105	43.87608	.1288177	-.005462	1.989454	.3917919	4.448683
#3	14.94242	43.31819	.1243832	-.005590	1.846156	.3891320	4.330658

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.512903	1.520070	.3466408	.0101802	7.742050	4.161398	.0930490
Stddev	.022540	.045183	.0088799	.0004719	.265553	.016238	.0020555
%RSD	.2647770	2.972452	2.561708	4.635358	3.430015	.3902137	2.209022

#1	8.489454	1.559401	.3428517	.0106313	7.968506	4.171819	.0951344
#2	8.534408	1.530091	.3567867	.0102195	7.807867	4.142688	.0929877
#3	8.514847	1.470717	.3402841	.0096899	7.449778	4.169687	.0910248

Sample Name: J3145-02 Acquired: 5/31/2018 16:59:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATEK0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.125327	.1032860	.7359756
Stddev	.005087	.0009279	.0040710
%RSD	.4520484	.8984304	.5531495

#1	1.125665	.1026672	.7315117
#2	1.130236	.1043529	.7394836
#3	1.120079	.1028377	.7369316

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3012.920	3146.760	79399.83	10342.24	4260.443
Stddev	35.888	61.789	1414.00	4.13	101.003
%RSD	1.191124	1.963580	1.780864	.0399476	2.370713

#1	2971.518	3110.704	77773.39	10342.41	4189.714
#2	3035.156	3111.470	80088.82	10338.03	4215.497
#3	3032.086	3218.107	80337.27	10346.28	4376.117

Sample Name: J3145-03 Acquired: 5/31/2018 17:03:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEK1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1508392	.0002005	2.137774	.0151898	.0097196	120.4710	2.663505
Stddev	.0131669	.0030968	.151084	.0062163	.0020749	.2080	.008719
%RSD	8.729094	1544.823	7.067354	40.92394	21.34740	.1726148	.3273619

#1	.1658330	-.002102	2.296128	.0080669	.0102832	120.7067	2.658658
#2	.1455234	.003721	2.121998	.0195198	.0074212	120.3934	2.673571
#3	.1411612	-.001018	1.995198	.0179826	.0114545	120.3131	2.658286

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177336	.0075437	100.2568	.3070564	.1597034	.2719055	327.9674
Stddev	.0001284	.0013129	.0817	.0009322	.0113233	.0012030	2.0368
%RSD	.7241728	17.40317	.0814684	.3035928	7.090175	.4424314	.6210436

#1	.0178239	.0089100	100.1923	.3081240	.1717319	.2720856	330.3190
#2	.0177902	.0074294	100.3486	.3066413	.1581278	.2706226	326.8224
#3	.0175866	.0062918	100.2294	.3064038	.1492504	.2730083	326.7607

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.47265	17.19623	.0997572	-.008104	1.619182	.5376855	2.399678
Stddev	.05489	.04039	.0075140	.000597	.103379	.0087847	.021406
%RSD	.2556413	.2349053	7.532334	7.372454	6.384669	1.633801	.8920165

#1	21.41616	17.24184	.1076929	-.008649	1.694906	.5447903	2.422378
#2	21.52579	17.18187	.0988274	-.008199	1.501403	.5404031	2.396797
#3	21.47602	17.16497	.0927513	-.007465	1.661237	.5278631	2.379859

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.722221	.8428288	.3859240	.0096813	3.989634	5.443815	.1206413
Stddev	.049157	.0589053	.0114061	.0004640	.280988	.001541	.0080972
%RSD	.7312545	6.988995	2.955526	4.792728	7.042945	.0283075	6.711825

#1	6.746472	.9048120	.3990752	.0098871	4.283872	5.442038	.1283915
#2	6.754540	.8360939	.3799674	.0100069	3.960932	5.444616	.1212957
#3	6.665652	.7875804	.3787293	.0091500	3.724099	5.444789	.1122368

Sample Name: J3145-03 Acquired: 5/31/2018 17:03:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATEK1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.179250	.1168161	.3496324
Stddev	.003840	.0013039	.0008615
%RSD	.3256114	1.116155	.2464045

#1	1.177046	.1182737	.3489160
#2	1.183684	.1164140	.3505884
#3	1.177020	.1157607	.3493929

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3498.508	3750.390	92057.08	12062.60	5021.911
Stddev	22.192	172.933	528.03	50.83	282.474
%RSD	.6343207	4.611073	.5735893	.4214140	5.624822

#1	3489.960	3576.513	91795.46	12030.87	4731.609
#2	3481.861	3752.294	91710.95	12035.69	5038.281
#3	3523.703	3922.364	92664.85	12121.23	5295.844

Sample Name: J3145-04 Acquired: 5/31/2018 17:07:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEK2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1285836	-.004791	2.589356	.0128681	.0066112	116.8685	2.282981
Stddev	.0030419	.002256	.049045	.0030227	.0027567	4.4489	.086762
%RSD	2.365713	47.09310	1.894108	23.48988	41.69684	3.806774	3.800371

#1	.1320550	-.007280	2.638603	.0143870	.0034419	112.4630	2.203182
#2	.1263839	-.002881	2.588950	.0148301	.0084520	121.3596	2.375337
#3	.1273119	-.004211	2.540515	.0093872	.0079397	116.7830	2.270424

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196615	.0100752	336.7869	.2343490	.0877753	.4220761	252.4168
Stddev	.0002341	.0005275	12.7573	.0154351	.0016666	.0173917	9.3406
%RSD	1.190421	5.235196	3.787948	6.586354	1.898752	4.120505	3.700485

#1	.0194846	.0106842	324.7404	.2509621	.0894953	.4078173	242.4655
#2	.0199269	.0097600	350.1526	.2204527	.0876627	.4414523	260.9947
#3	.0195729	.0097816	335.4678	.2316321	.0861678	.4169586	253.7901

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.74165	53.84889	.1178552	-.005066	2.053378	.3518045	2.950504
Stddev	.51253	2.05518	.0010346	.002137	.059568	.0132361	.059163
%RSD	3.729746	3.816569	.8778239	42.18363	2.900971	3.762347	2.005176

#1	13.25333	51.66621	.1188322	-.007447	2.109982	.3383700	3.015322
#2	14.27536	55.74689	.1179621	-.003313	2.058918	.3648328	2.899408
#3	13.69624	54.13357	.1167714	-.004439	1.991234	.3522109	2.936782

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.08466	1.105405	.3502256	.0070538	8.805928	4.056278	.0815640
Stddev	.50888	.016004	.0204765	.0002759	.158429	.060692	.0008945
%RSD	4.210934	1.447767	5.846647	3.910951	1.799119	1.496256	1.096662

#1	11.59514	1.119877	.3292369	.0072144	8.971141	3.991674	.0811645
#2	12.61091	1.108121	.3701482	.0072118	8.791354	4.112103	.0809389
#3	12.04793	1.088217	.3512917	.0067353	8.655290	4.065055	.0825886

Sample Name: J3145-04 Acquired: 5/31/2018 17:07:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATEK2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.171038	.1366206	.6659976
Stddev	.041597	.0052833	.0250482
%RSD	3.552159	3.867156	3.761011

#1	1.128918	.1318131	.6424677
#2	1.212092	.1422770	.6923287
#3	1.172103	.1357718	.6631964

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3726.178	3956.807	98087.92	12698.26	5050.431
Stddev	114.843	42.852	3433.59	387.10	78.074
%RSD	3.082067	1.082999	3.500526	3.048419	1.545898

#1	3597.757	3911.651	94376.07	13097.90	4969.448
#2	3819.024	3961.862	101150.6	12325.07	5056.615
#3	3761.753	3996.907	98737.1	12671.80	5125.229

Sample Name: J3145-05 Acquired: 5/31/2018 17:11:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEK3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1239156	-.010384	2.441636	.0101187	.0071771	105.6750	1.977605
Stddev	.0022574	.001980	.015387	.0042061	.0009587	.1005	.001323
%RSD	1.821740	19.06783	.6302009	41.56718	13.35727	.0950924	.0668817

#1	.1265127	-.011965	2.459096	.0147727	.0066458	105.5865	1.976450
#2	.1228100	-.011024	2.435756	.0089942	.0082838	105.6542	1.979048
#3	.1224241	-.008163	2.430055	.0065892	.0066017	105.7842	1.977316

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175703	.0103919	237.7870	.3313632	.0966364	.4182091	287.2869
Stddev	.0000755	.0000322	.5805	.0027347	.0006975	.0024606	.6495
%RSD	.4294237	.3098304	.2441309	.8252783	.7218010	.5883628	.2260939

#1	.0175185	.0104255	237.4618	.3344711	.0965564	.4208214	287.3627
#2	.0175356	.0103613	238.4572	.3293252	.0973705	.4178706	286.6028
#3	.0176569	.0103889	237.4420	.3302934	.0959824	.4159353	287.8952

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.88281	45.47953	.1210161	-.006416	2.207331	.4683519	3.008371
Stddev	.02837	.12307	.0009975	.000486	.029695	.0015991	.018371
%RSD	.2202454	.2706126	.8243018	7.578598	1.345311	.3414356	.6106565

#1	12.86768	45.53522	.1221198	-.006841	2.235406	.4676442	3.003037
#2	12.91555	45.33845	.1207497	-.006520	2.176245	.4701828	3.028819
#3	12.86521	45.56491	.1201789	-.005886	2.210343	.4672288	2.993257

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.587416	1.269871	.3591194	.0077634	6.979380	4.561158	.1006745
Stddev	.026467	.004819	.0014771	.0001967	.031636	.016940	.0007710
%RSD	.2760634	.3794903	.4113058	2.533462	.4532777	.3713876	.7657912

#1	9.617976	1.272070	.3608113	.0077816	7.015089	4.547092	.1015580
#2	9.571826	1.264345	.3584603	.0079504	6.968193	4.579962	.1001379
#3	9.572446	1.273200	.3580866	.0075583	6.954857	4.556421	.1003277

Sample Name: J3145-05 Acquired: 5/31/2018 17:11:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATEK3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.236654	.1079373	.4821620
Stddev	.000863	.0009192	.0008503
%RSD	.0697676	.8516230	.1763508

#1	1.237646	.1081113	.4831028
#2	1.236238	.1087571	.4819348
#3	1.236078	.1069435	.4814483

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3608.318	3767.503	95474.77	12474.81	5007.497
Stddev	23.526	17.841	171.05	43.91	25.540
%RSD	.6519944	.4735474	.1791564	.3519740	.5100386

#1	3598.951	3747.002	95335.76	12496.54	4978.515
#2	3590.918	3775.992	95422.75	12424.28	5017.262
#3	3635.085	3779.514	95665.79	12503.62	5026.713

Sample Name: J3145-06 Acquired: 5/31/2018 17:15:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEK4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0742595	-.001783	1.334534	.0125636	.0076233	82.76778	1.405148
Stddev	.0024527	.002266	.064731	.0021233	.0008782	.65129	.008187
%RSD	3.302832	127.0522	4.850464	16.90041	11.51966	.7868886	.5826111

#1	.0770891	-.002904	1.374309	.0139184	.0085116	83.50596	1.414566
#2	.0727426	-.003271	1.369451	.0101165	.0076026	82.52319	1.399736
#3	.0729466	.000824	1.259841	.0136560	.0067556	82.27420	1.401142

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099685	.0099565	147.3937	.4427419	.0638610	.4672000	250.4727
Stddev	.0000443	.0007225	1.0667	.0015418	.0032096	.0054567	2.3955
%RSD	.4445121	7.256783	.7237225	.3482478	5.025871	1.167954	.9563795

#1	.0099955	.0103428	148.6250	.4445189	.0660211	.4734799	252.8476
#2	.0099925	.0104036	146.8063	.4417585	.0653889	.4645049	250.5133
#3	.0099173	.0091229	146.7498	.4419484	.0601729	.4636152	248.0572

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.67050	35.53080	.1153659	-.004954	1.258647	.3931140	4.869135
Stddev	.07598	.24850	.0061003	.000214	.113427	.0054278	.022810
%RSD	.6510150	.6993895	5.287769	4.323289	9.011798	1.380722	.4684528

#1	11.74825	35.79928	.1185087	-.004973	1.369177	.3993767	4.854388
#2	11.66682	35.48426	.1192538	-.005159	1.264235	.3897690	4.857609
#3	11.59643	35.30887	.1083350	-.004732	1.142530	.3901965	4.895408

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.298924	1.751166	.3084109	.0082499	5.762130	4.355967	.0822176
Stddev	.053863	.090116	.0032453	.0003850	.287653	.065874	.0037458
%RSD	1.016493	5.146044	1.052279	4.667169	4.992121	1.512265	4.555992

#1	5.337536	1.813155	.3071542	.0085876	5.950851	4.421062	.0825347
#2	5.321844	1.792552	.3120966	.0083315	5.904482	4.357497	.0857948
#3	5.237391	1.647792	.3059818	.0078306	5.431058	4.289341	.0783233

Sample Name: J3145-06 Acquired: 5/31/2018 17:15:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEK4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8225644	.0656802	.2731989
Stddev	.0055004	.0005345	.0016082
%RSD	.6686939	.8137967	.5886561

#1	.8287537	.0662099	.2748148
#2	.8207046	.0656895	.2731835
#3	.8182350	.0651410	.2715984

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3454.547	3740.524	91928.47	11734.23	5484.714
Stddev	27.466	122.971	333.00	140.10	202.712
%RSD	.7950698	3.287541	.3622394	1.193944	3.695937

#1	3470.688	3663.334	91564.21	11583.17	5353.159
#2	3470.120	3675.906	92217.26	11759.61	5382.825
#3	3422.834	3882.334	92003.93	11859.89	5718.158

Sample Name: CCV095 Acquired: 5/31/2018 17:41:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.489706	5.499852	26.77587	F 5.501070	F 5.503203	F 475.1956
Stddev	.029155	.047585	.05315	.036555	.041640	1.7662
%RSD	.5310790	.8651974	.1984861	.6645159	.7566506	.3716858

#1	5.467301	5.456855	26.75103	5.490641	5.506328	474.9397
#2	5.479148	5.491725	26.73969	5.470863	5.460088	477.0758
#3	5.522669	5.550977	26.83689	5.541707	5.543192	473.5713

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.43292	F .5797946	2.663262	F 460.1807	16.86197	2.667610
Stddev	.05804	.0041653	.009638	2.3489	.29069	.008492
%RSD	.5076977	.7184140	.3618735	.5104251	1.723953	.3183301

#1	11.47701	.5797894	2.656340	462.1758	17.04844	2.660234
#2	11.45459	.5839626	2.659176	460.7744	17.01044	2.665702
#3	11.36716	.5756320	2.674269	457.5920	16.52702	2.676893

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.95823	F 486.9351	F 16.63538	F 475.6422	2.690181	1.280150
Stddev	.04851	1.9895	.06162	2.0262	.004264	.022487
%RSD	.2860331	.4085744	.3704197	.4259935	.1584951	1.756574

#1	17.00229	485.6562	16.70144	474.7515	2.689823	1.297938
#2	16.96616	489.2272	16.62526	477.9612	2.686107	1.287637
#3	16.90625	485.9219	16.57945	474.2139	2.694612	1.254874

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 473.8000	F 2.898366	F 16.89934	F 173.5521	F 8.815058	F 6.005427
Stddev	1.3714	.003165	.22158	.2009	.045539	.037172
%RSD	.2894454	.1091976	1.311171	.1157573	.5166011	.6189715

#1	473.2201	2.895065	17.01849	173.4293	8.788943	6.005024
#2	475.3661	2.901375	17.03585	173.7840	8.788589	6.042799
#3	472.8139	2.898659	16.64368	173.4431	8.867641	5.968458

Sample Name: CCV095 Acquired: 5/31/2018 17:41:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV095 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.398579	5.871666	5.656873	5.438399	5.700030	5.686676
Stddev	.027960	.022288	.025358	.018337	.021245	.020276
%RSD	.5179143	.3795813	.4482675	.3371732	.3727250	.3565491

#1	5.381855	5.853827	5.652124	5.444413	5.693430	5.701125
#2	5.383024	5.864523	5.684270	5.417810	5.723792	5.695406
#3	5.430857	5.896650	5.634225	5.452973	5.682868	5.663498

Elem	Sr4077
Units	ppm
Avg	5.711236
Stddev	.012510
%RSD	.2190336

#1	5.719946
#2	5.716860
#3	5.696902

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1574.500	1627.155	42542.43	5619.897	2469.614
Stddev	29.318	7.586	753.22	18.966	6.473
%RSD	1.862079	.4662169	1.770506	.3374812	.2620865

#1	1553.554	1631.885	41922.03	5605.203	2474.741
#2	1561.940	1631.175	42324.74	5613.182	2471.758
#3	1608.006	1618.405	43380.51	5641.308	2462.341

Sample Name: CCB095 Acquired: 5/31/2018 17:45:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002596	.0000266	-.000697	.0002174	-.000958	.0117507	-.001986
Stddev	.001074	.0023960	.001899	.0017132	.001528	.0051389	.001137
%RSD	41.38658	8996.337	272.6723	788.1784	159.4291	43.73246	57.26536

#1	-.001522	.0025897	-.002383	.0001507	-.002720	.0149234	-.002148
#2	-.003671	-.000353	.001360	.0019629	.000007	.0145070	-.000776
#3	-.002595	-.002157	-.001067	-.001461	-.000162	.0058217	-.003033

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000162	-.000032	.0332260	.0002854	.0000541	.0037847	.0147393
Stddev	.0000705	.000101	.0063260	.0002425	.0002639	.0020611	.0164549
%RSD	436.5148	312.8145	19.03929	84.97627	487.7252	54.45933	111.6397

#1	-.000062	-.000142	.0376501	.0000674	-.000245	.0049002	.0279313
#2	.000075	.000058	.0360477	.0005467	.000255	.0050478	.0199856
#3	.000035	-.000014	.0259802	.0002422	.000152	.0014063	-.003699

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010906	.0057131	-.000110	.0008975	.2989714	.0001090	-.003336
Stddev	.0003988	.0499814	.000479	.0000861	.2998620	.0062295	.006767
%RSD	36.56811	874.8523	436.8074	9.588555	100.2979	5713.027	202.8795

#1	.0010206	.0622143	.000192	.0008053	.6143325	.0073019	-.010875
#2	.0007314	-.012347	.000141	.0009757	.2650960	-.003427	.002212
#3	.0015198	-.032728	-.000662	.0009117	.0174857	-.003548	-.001344

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3780251	-.001633	.0006185	.0001227	.0339222	-.004591	-.000635
Stddev	.0599539	.000493	.0010782	.0001874	.0047640	.001658	.000206
%RSD	15.85978	30.19209	174.3435	152.7497	14.04387	36.10982	32.48958

#1	.4307943	-.001088	.0007145	-.000090	.0305997	-.004165	-.000495
#2	.3128329	-.001762	.0016455	.000197	.0393803	-.006420	-.000538
#3	.3904482	-.002048	-.000505	.000262	.0317865	-.003188	-.000871

Sample Name: CCB095 Acquired: 5/31/2018 17:45:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v547) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB095 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009529	.0024216	.0001270
Stddev	.0008467	.0002827	.0000427
%RSD	88.85563	11.67550	33.59784

#1	.0008559	.0021028	.0001757
#2	.0001589	.0025201	.0000961
#3	.0018440	.0026420	.0001093

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.170	1994.642	48566.01	6101.567	3289.833
Stddev	5.896	13.765	40.34	49.290	24.717
%RSD	.3145977	.6900877	.0830580	.8078281	.7513084

#1	1879.797	1995.925	48607.41	6058.650	3295.990
#2	1874.676	2007.720	48563.78	6090.650	3310.889
#3	1868.037	1980.280	48526.83	6155.400	3262.619