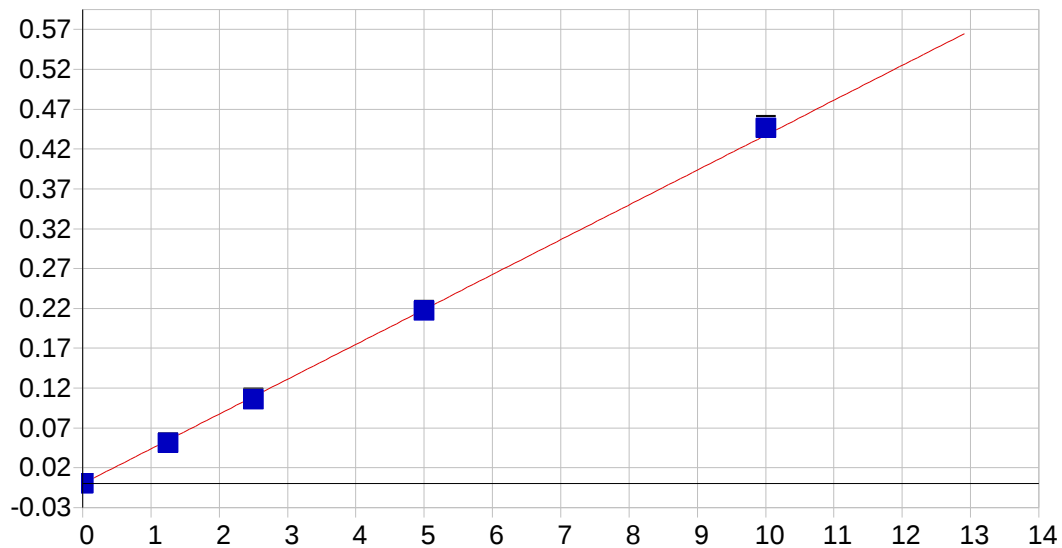




As 189.042 {479}

Date of Fit: 3/19/2018 13:23:33

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000056

Re-Slope: 1.000000

A1 (Gain): 0.043746

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999682

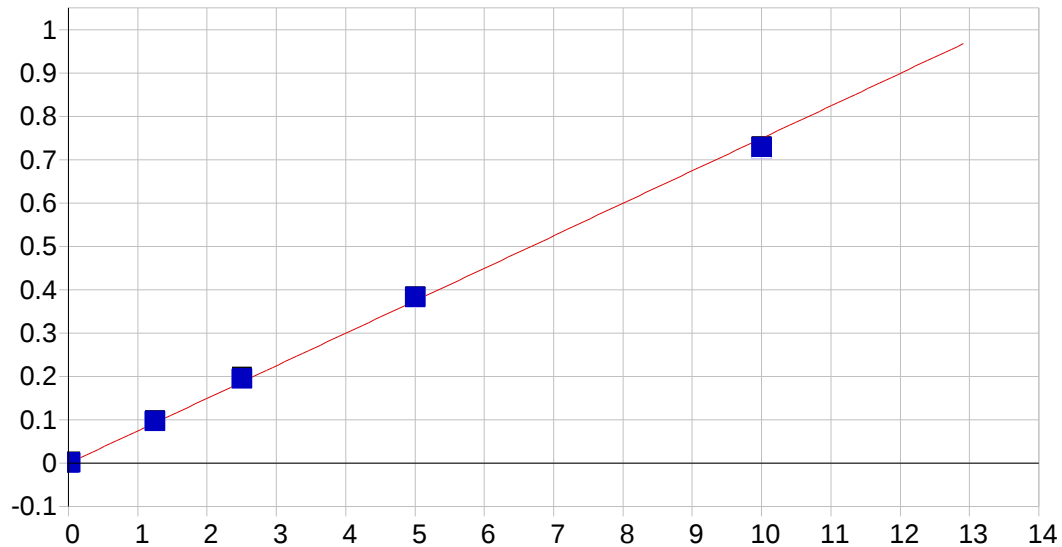
Status: OK.

Std Error of Est: 0.000019

Predicted MDL: 0.002960

Predicted MQL: 0.009867

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.01000	.00835	-.002	-16.5	.00031	.000	1
S2	1.2500	1.1720	-.078	-6.24	.05135	.000	1
S3	2.5000	2.4217	-.078	-3.13	.10614	.001	1
S4	5.0000	4.9568	-.043	-.865	.21730	.001	1
S5	10.000	10.201	.201	2.01	.44724	.002	1

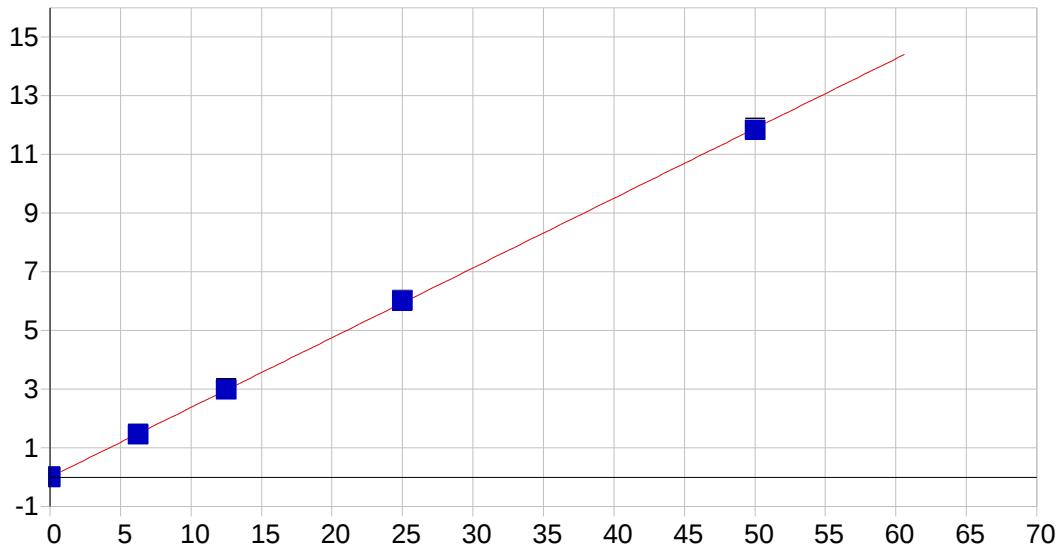


TI 190.856 {477}

Date of Fit: 3/19/2018 13:23:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000304 Re-Slope: 1.000000
 A1 (Gain): 0.074931 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999525 Status: OK.
 Std Error of Est: 0.000061
 Predicted MDL: 0.001885
 Predicted MQL: 0.006282

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00030	.000	1
S1	.02500	.02725	.002	9.00	.00171	.000	1
S2	1.2500	1.2998	.050	3.99	.09653	.000	1
S3	2.5000	2.6111	.111	4.45	.19422	.003	1
S4	5.0000	5.1162	.116	2.32	.38079	.000	1
S5	10.000	9.7205	-.279	-2.79	.72353	.002	1

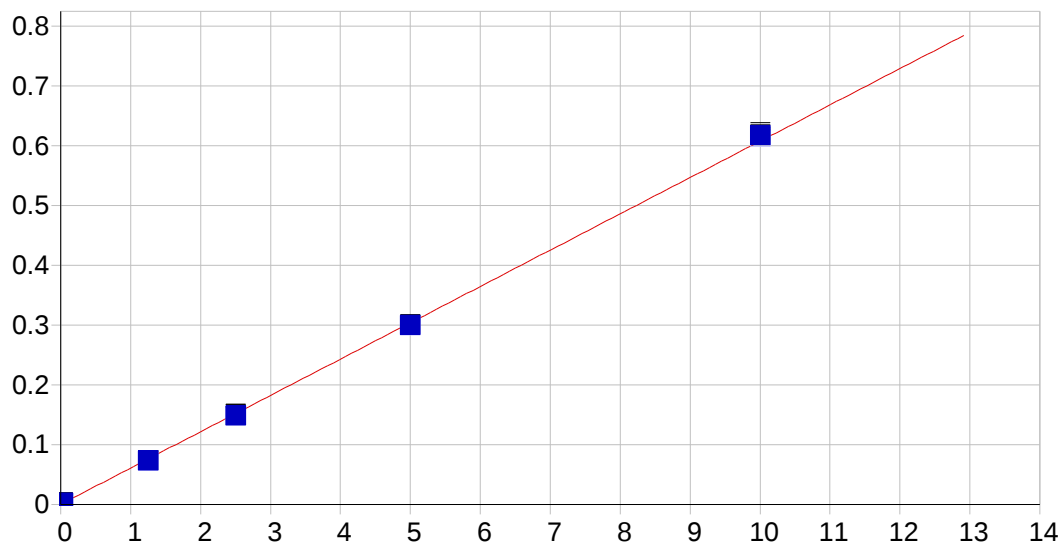


Pb 220.353 {453}

Date of Fit: 3/19/2018 13:23:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000343 Re-Slope: 1.000000
 A1 (Gain): 0.237734 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000076
 Predicted MDL: 0.001417
 Predicted MQL: 0.004722

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00034	.000	1
S1	.01000	.00982	.000	-1.75	.00201	.000	1
S2	6.2500	6.1385	-.112	-1.78	1.4613	.004	1
S3	12.500	12.557	.057	.459	2.9896	.038	1
S4	25.000	25.295	.295	1.18	6.0225	.017	1
S5	50.000	49.759	-.241	-.481	11.848	.058	1

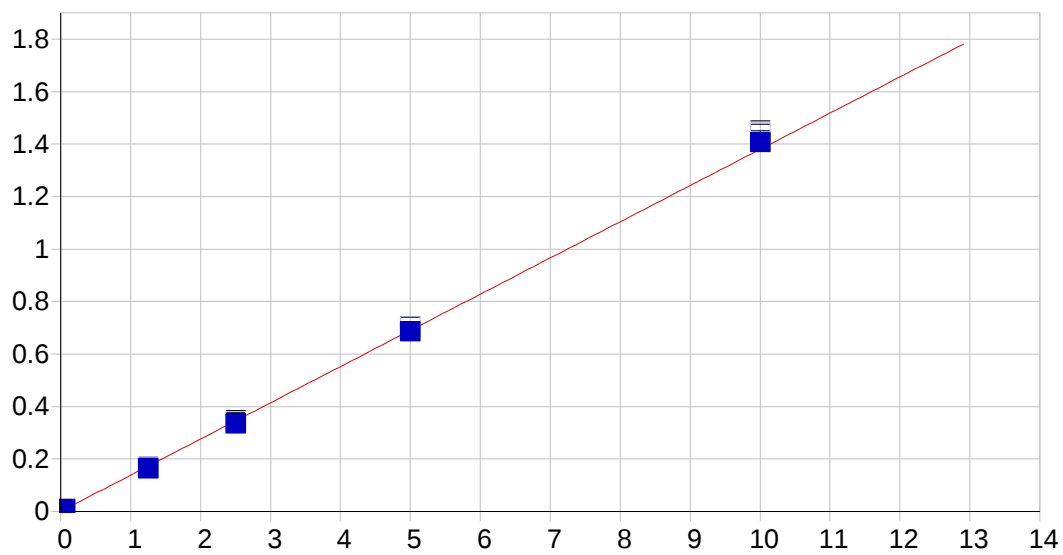


Se 196.090 {472}

Date of Fit: 3/19/2018 13:23:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000227 Re-Slope: 1.000000
 A1 (Gain): 0.060752 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999828 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.002982
 Predicted MQL: 0.009941

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.000	1
S1	.03500	.03405	-.001	-2.70	.00229	.000	1
S2	1.2500	1.2010	-.049	-3.92	.07283	.000	1
S3	2.5000	2.4491	-.051	-2.04	.14830	.002	1
S4	5.0000	4.9377	-.062	-1.25	.29878	.000	1
S5	10.000	10.163	.163	1.63	.61481	.004	1

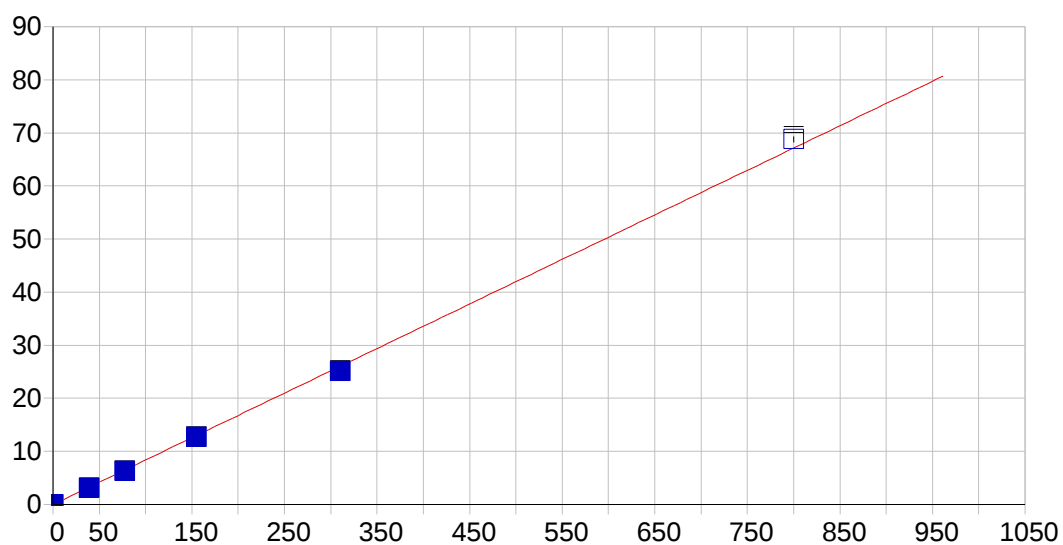


Sb 206.833 {463}

Date of Fit: 3/19/2018 13:23:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000426 Re-Slope: 1.000000
 A1 (Gain): 0.137950 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999732 Status: OK.
 Std Error of Est: 0.000135
 Predicted MDL: 0.001666
 Predicted MQL: 0.005555

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00043	.000	1
S1	.06000	.05545	-.005	-7.58	.00807	.000	1
S2	1.2500	1.1837	-.066	-5.30	.16842	.001	1
S3	2.5000	2.4174	-.083	-3.30	.34330	.004	1
S4	5.0000	4.9599	-.040	-.801	.70343	.001	1
S5	10.000	10.193	.193	1.93	1.4442	.007	1

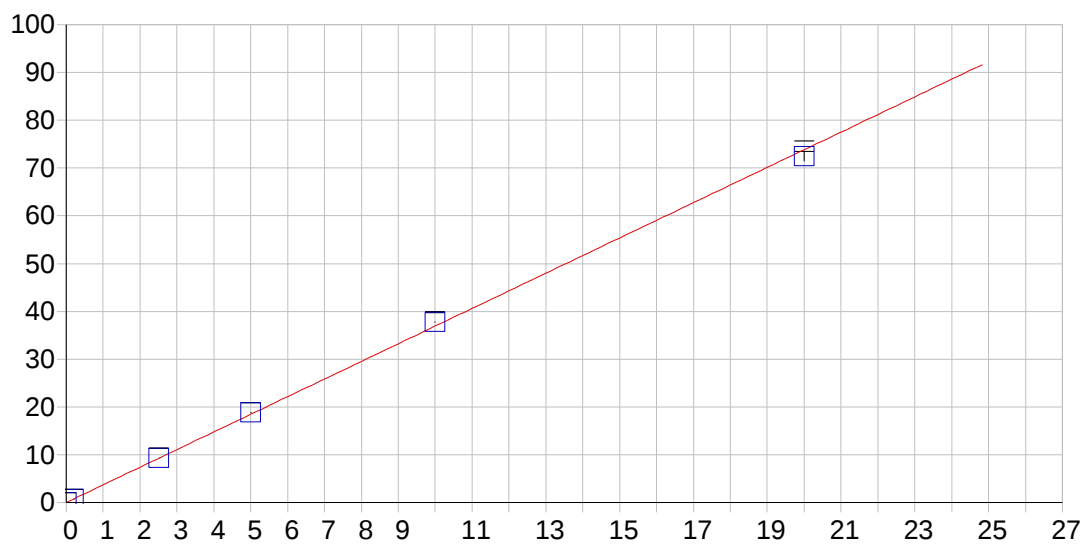


AI 396.152 { 85}

Date of Fit: 3/19/2018 13:27:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001264 Re-Slope: 1.000000
 A1 (Gain): 0.083920 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999586 Status: OK.
 Std Error of Est: 0.001502
 Predicted MDL: 0.013275
 Predicted MQL: 0.044251

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00127	.001	1
S1	.20000	.18927	-.011	-5.36	.01717	.001	1
S2	38.750	36.938	-1.81	-4.67	3.1042	.007	1
S3	77.500	74.881	-2.62	-3.38	6.2914	.015	1
S4	155.00	151.37	-3.63	-2.34	12.717	.056	1
S5	310.00	298.66	-11.3	-3.66	25.089	.154	1
S6	800.00	819.43	19.4	2.43	68.768	.527	1



Ba 493.409 { 68}

Date of Fit: 3/19/2018 13:23:33

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002315

Re-Slope: 1.000000

A1 (Gain): 3.690955

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999811

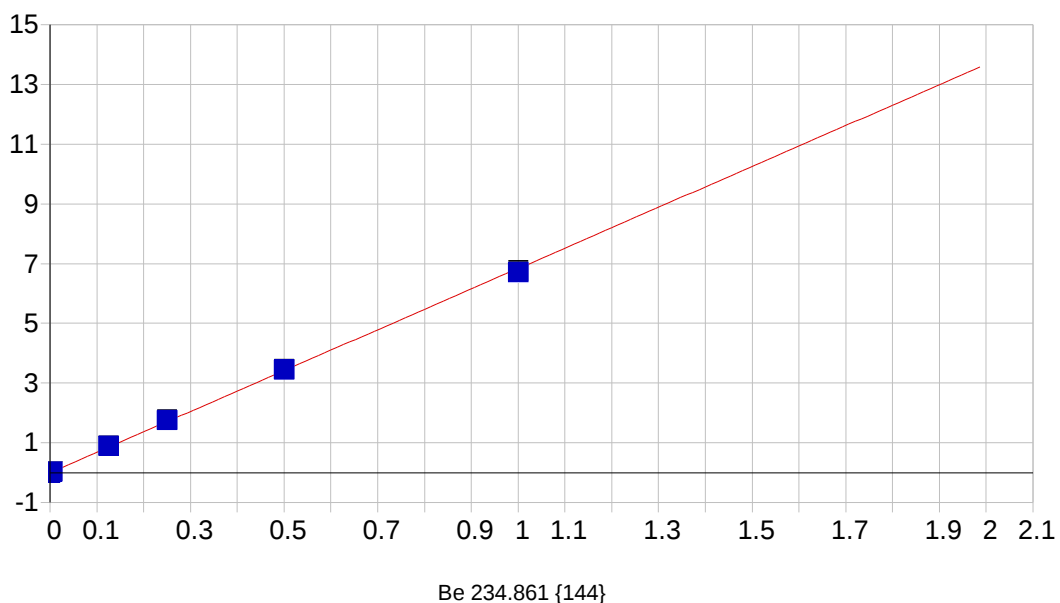
Status: OK.

Std Error of Est: 0.007632

Predicted MDL: 0.000756

Predicted MQL: 0.002521

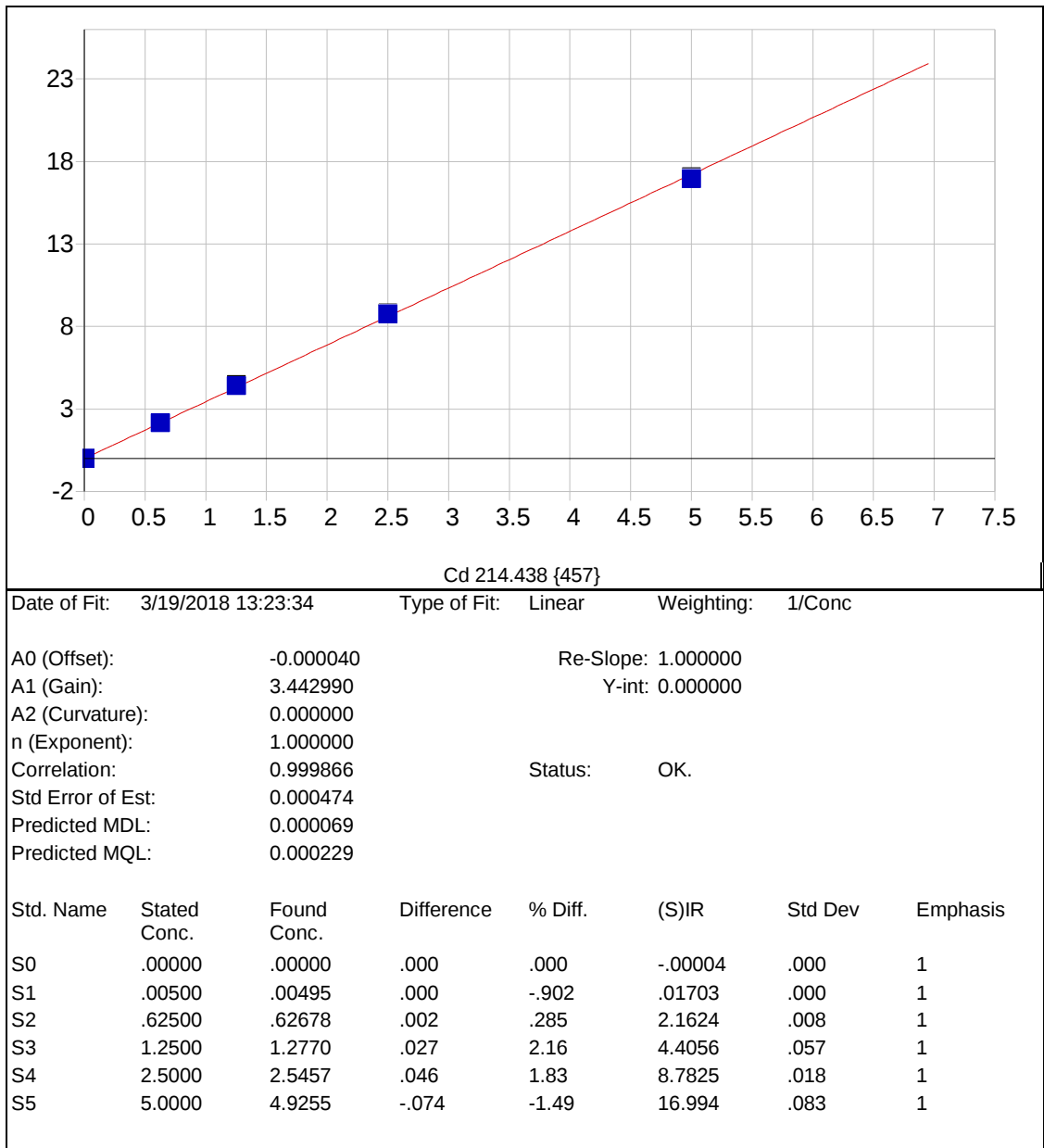
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00229	.002	1
S1	.20000	.20071	.001	.353	.74311	.002	1
S2	2.5000	2.5233	.023	.931	9.3156	.015	1
S3	5.0000	5.0945	.095	1.89	18.806	.020	1
S4	10.000	10.241	.241	2.41	37.801	.098	1
S5	20.000	19.641	-.359	-1.80	72.495	1.05	1

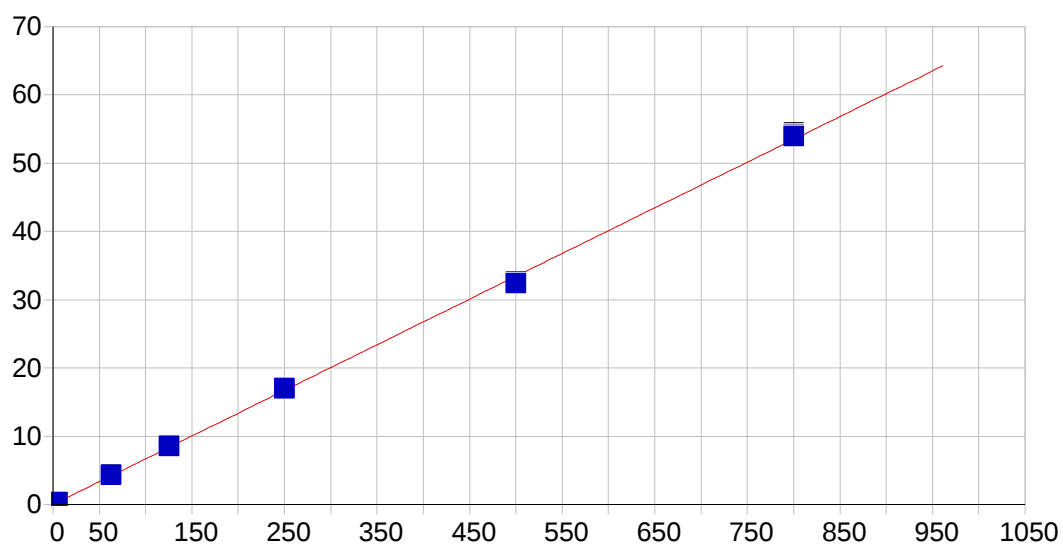


Date of Fit: 3/19/2018 13:23:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002953	Re-Slope: 1.000000
A1 (Gain):	6.837993	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999760	Status: OK.
Std Error of Est:	0.000560	
Predicted MDL:	0.000087	
Predicted MQL:	0.000291	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00296	.000	1
S1	.00500	.00546	.000	9.23	.03436	.000	1
S2	.12500	.13050	.006	4.40	.88568	.008	1
S3	.25000	.25723	.007	2.89	1.7485	.015	1
S4	.50000	.50536	.005	1.07	3.4377	.015	1
S5	1.0000	.98144	-.019	-1.86	6.6783	.068	1





Ca 373.690 { 90}

Date of Fit: 3/19/2018 13:27:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002976

Re-Slope: 1.000000

A1 (Gain): 0.066858

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999792

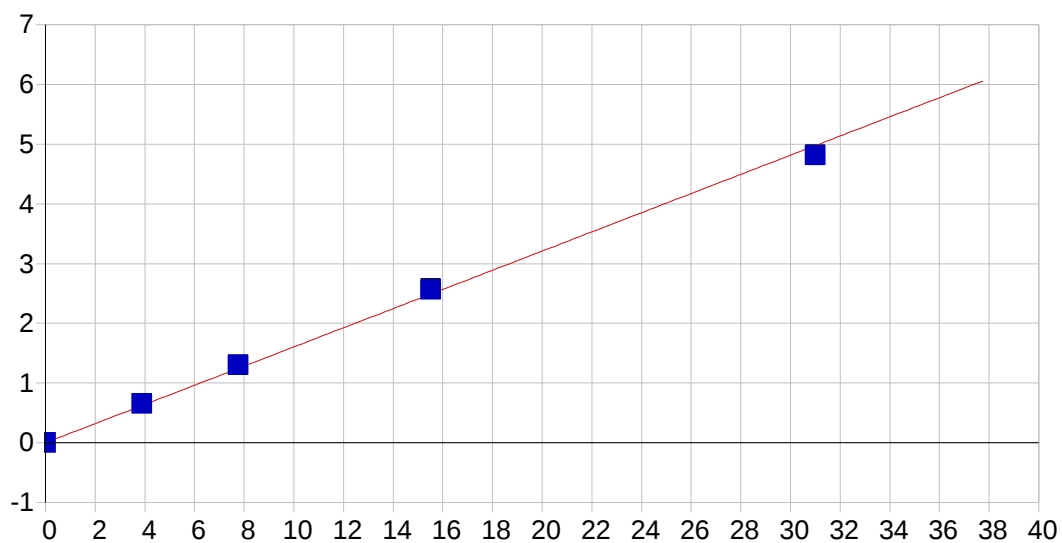
Status: OK.

Std Error of Est: 0.004778

Predicted MDL: 0.015591

Predicted MQL: 0.051971

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00055	-.001	.000	.00294	.001	1
S1	5.0000	5.2983	.298	5.97	.35725	.002	1
S2	62.500	64.662	2.16	3.46	4.3410	.018	1
S3	125.00	127.97	2.97	2.38	8.5887	.009	1
S4	250.00	253.82	3.82	1.53	17.033	.041	1
S5	500.00	484.77	-15.2	-3.05	32.533	.087	1
S6	800.00	805.97	5.97	.746	54.206	.299	1

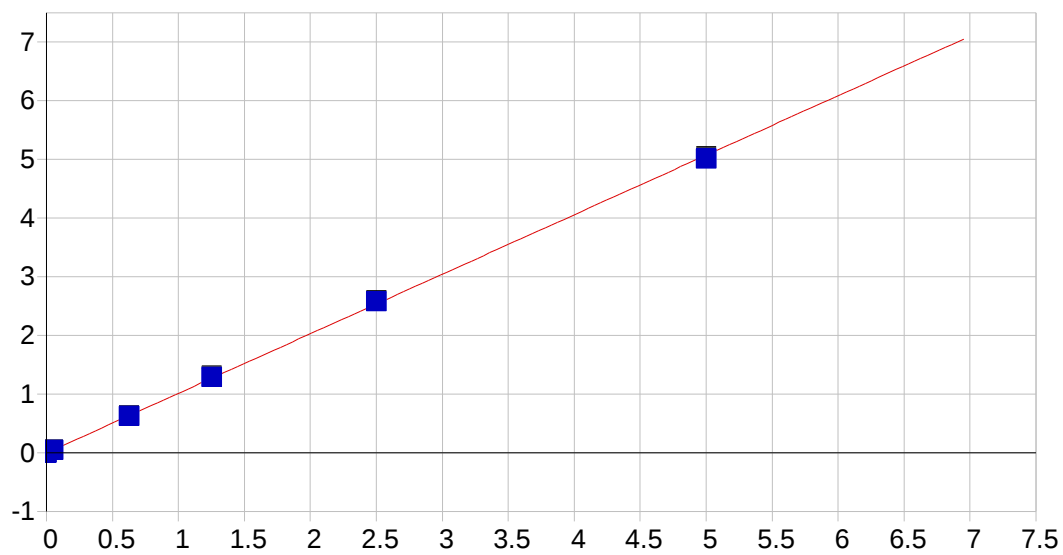


Cr 267.716 {126}

Date of Fit: 3/19/2018 13:23:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000019 Re-Slope: 1.000000
 A1 (Gain): 0.160502 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999346 Status: OK.
 Std Error of Est: 0.000172
 Predicted MDL: 0.000602
 Predicted MQL: 0.002006

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01000	.01060	.001	6.01	.00169	.000	1
S2	3.8750	4.0852	.210	5.43	.65676	.001	1
S3	7.7500	8.1064	.356	4.60	1.3033	.002	1
S4	15.500	15.967	.467	3.01	2.5670	.011	1
S5	31.000	29.966	-1.03	-3.33	4.8184	.007	1

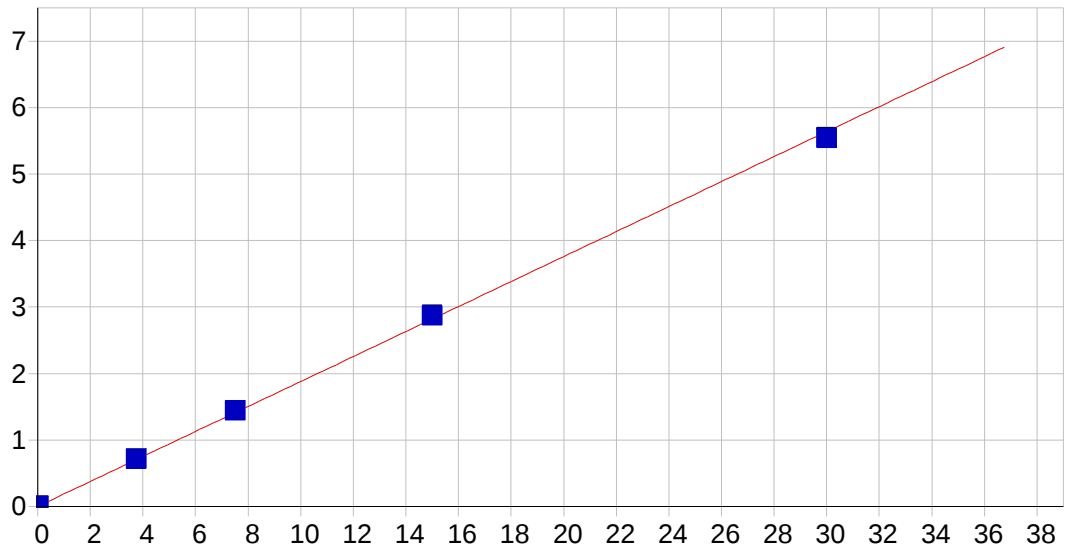


Co 228.616 {448}

Date of Fit: 3/19/2018 13:23:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000203 Re-Slope: 1.000000
 A1 (Gain): 1.014692 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.000382
 Predicted MDL: 0.000231
 Predicted MQL: 0.000771

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.05000	.04740	-.003	-5.19	.04809	.000	1
S2	.62500	.62057	-.004	-.709	.63074	.003	1
S3	1.2500	1.2724	.022	1.79	1.2934	.017	1
S4	2.5000	2.5413	.041	1.65	2.5834	.008	1
S5	5.0000	4.9434	-.057	-1.13	5.0259	.026	1

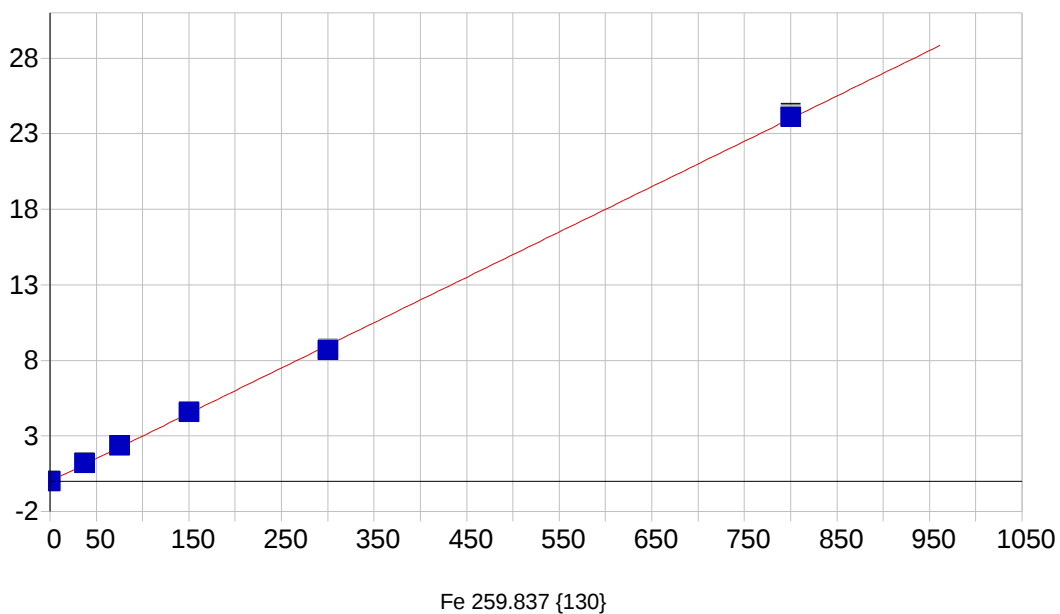


Cu 324.754 {104}

Date of Fit: 3/19/2018 13:23:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000646 Re-Slope: 1.000000
 A1 (Gain): 0.187911 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999831 Status: OK.
 Std Error of Est: 0.000159
 Predicted MDL: 0.003539
 Predicted MQL: 0.011798

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00065	.000	1
S1	.02500	.02655	.002	6.22	.00563	.000	1
S2	3.7500	3.8154	.065	1.74	.71716	.001	1
S3	7.5000	7.6626	.163	2.17	1.4396	.005	1
S4	15.000	15.286	.286	1.90	2.8712	.007	1
S5	30.000	29.485	-.515	-1.72	5.5377	.014	1



Date of Fit: 3/19/2018 13:27:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000040

Re-Slope: 1.000000

A1 (Gain): 0.029995

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999738

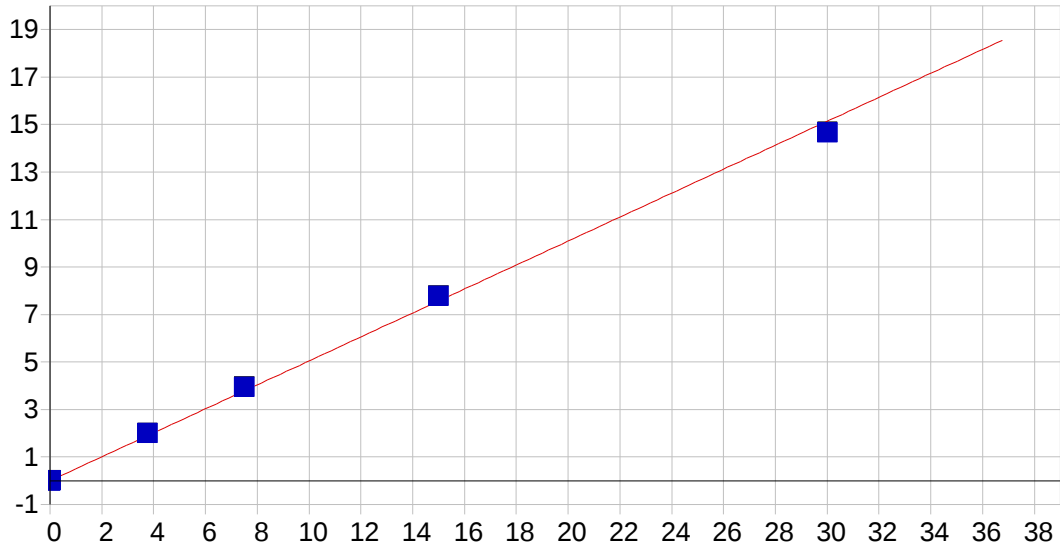
Status: OK.

Std Error of Est: 0.000301

Predicted MDL: 0.011761

Predicted MQL: 0.039202

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00004	.000	1
S1	.10000	.11331	.013	13.3	.00350	.001	1
S2	37.500	39.460	1.96	5.23	1.1897	.006	1
S3	75.000	78.093	3.09	4.12	2.3545	.005	1
S4	150.00	152.63	2.63	1.76	4.6023	.018	1
S5	300.00	288.67	-11.3	-3.78	8.7068	.024	1
S6	800.00	803.63	3.63	.454	24.214	.126	1



Mn 257.610 {131}

Date of Fit: 3/19/2018 13:23:34

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000067

Re-Slope: 1.000000

A1 (Gain): 0.504708

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999387

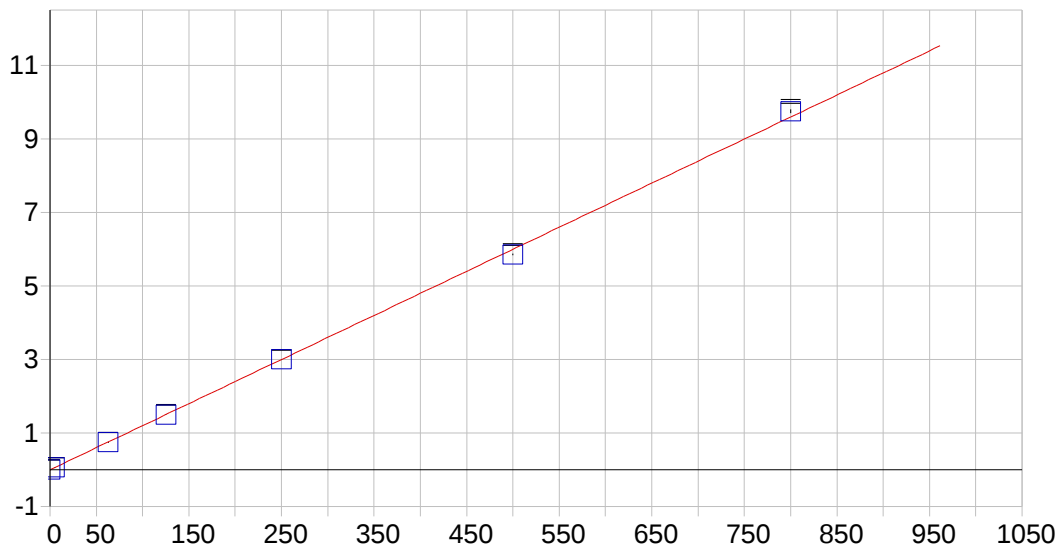
Status: OK.

Std Error of Est: 0.000629

Predicted MDL: 0.000700

Predicted MQL: 0.002333

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01500	.01693	.002	12.9	.00848	.000	1
S2	3.7500	3.9583	.208	5.55	1.9981	.015	1
S3	7.5000	7.8315	.331	4.42	3.9534	.011	1
S4	15.000	15.420	.420	2.80	7.7843	.029	1
S5	30.000	29.038	-.962	-3.21	14.659	.027	1



Mg 279.079 {121}

Date of Fit: 3/19/2018 13:27:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000074

Re-Slope: 1.000000

A1 (Gain): 0.011988

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999856

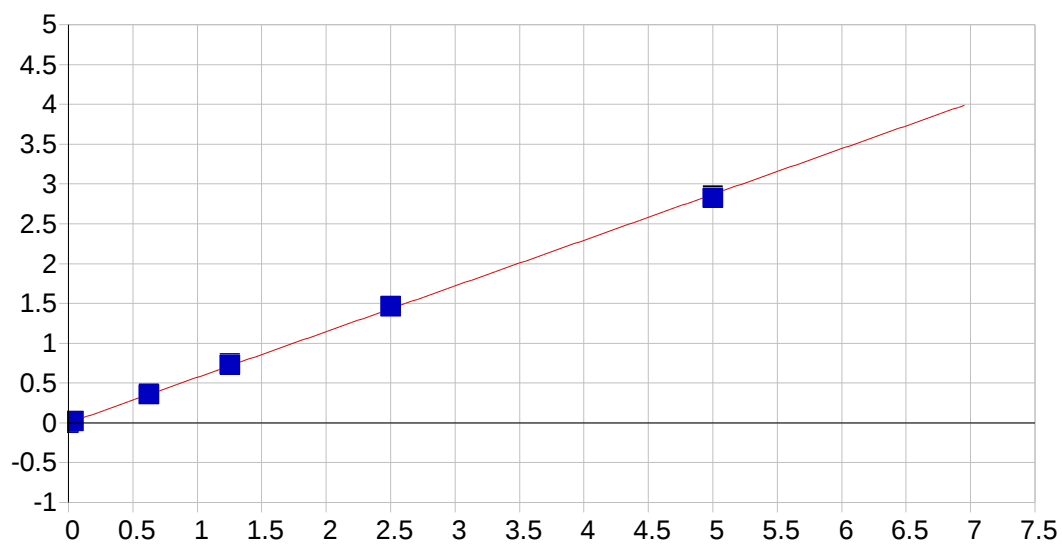
Status: OK.

Std Error of Est: 0.000709

Predicted MDL: 0.035052

Predicted MQL: 0.116842

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	-.00007	.000	1
S1	5.0000	5.0061	.006	.122	.05994	.000	1
S2	62.500	62.215	-.285	-.455	.74577	.002	1
S3	125.00	124.64	-.356	-.285	1.4942	.005	1
S4	250.00	249.66	-.344	-.138	2.9928	.010	1
S5	500.00	488.01	-12.0	-2.40	5.8502	.021	1
S6	800.00	812.97	13.0	1.62	9.7458	.055	1

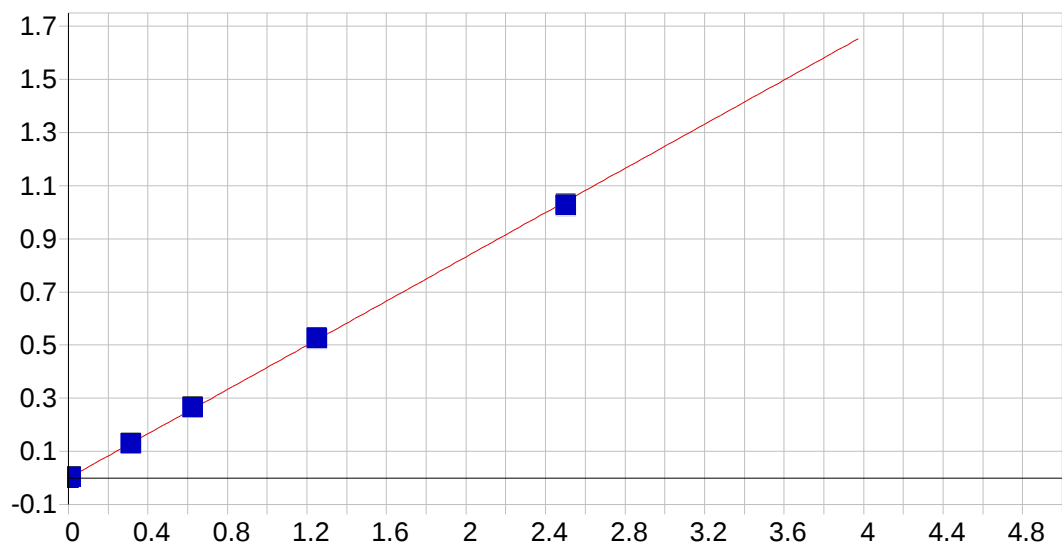


Ni 231.604 {446}

Date of Fit: 3/19/2018 13:23:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001718 Re-Slope: 1.000000
 A1 (Gain): 0.574028 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866 Status: OK.
 Std Error of Est: 0.000224
 Predicted MDL: 0.000416
 Predicted MQL: 0.001387

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00172	.000	1
S1	.04000	.03993	.000	-.181	.02121	.000	1
S2	.62500	.62792	.003	.467	.35946	.001	1
S3	1.2500	1.2777	.028	2.22	.73321	.010	1
S4	2.5000	2.5443	.044	1.77	1.4617	.004	1
S5	5.0000	4.9251	-.075	-1.50	2.8313	.017	1

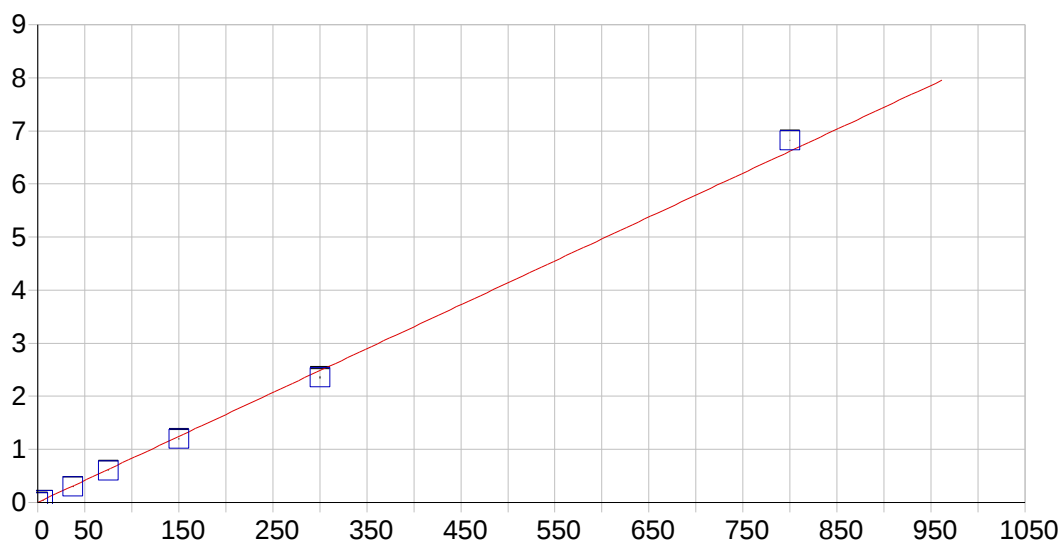


Ag 328.068 {103}

Date of Fit: 3/19/2018 13:23:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000240 Re-Slope: 1.000000
 A1 (Gain): 0.416125 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.000457
 Predicted MQL: 0.001523

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00024	.000	1
S1	.01000	.01037	.000	3.74	.00405	.000	1
S2	.31250	.31345	.001	.305	.12931	.001	1
S3	.62500	.63960	.015	2.34	.26414	.001	1
S4	1.2500	1.2628	.013	1.03	.52171	.002	1
S5	2.5000	2.4712	-.029	-1.15	1.0210	.003	1



Na 818.326 { 41}

Date of Fit: 3/19/2018 13:27:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.003431

Re-Slope: 1.000000

A1 (Gain): 0.008267

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999291

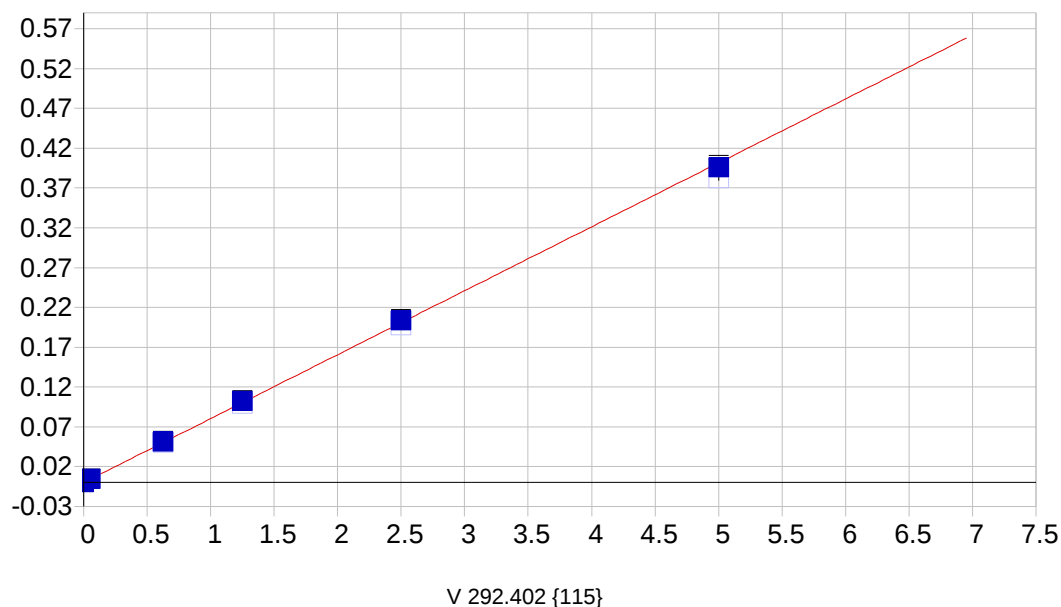
Status: OK.

Std Error of Est: 0.000963

Predicted MDL: 0.318858

Predicted MQL: 1.062860

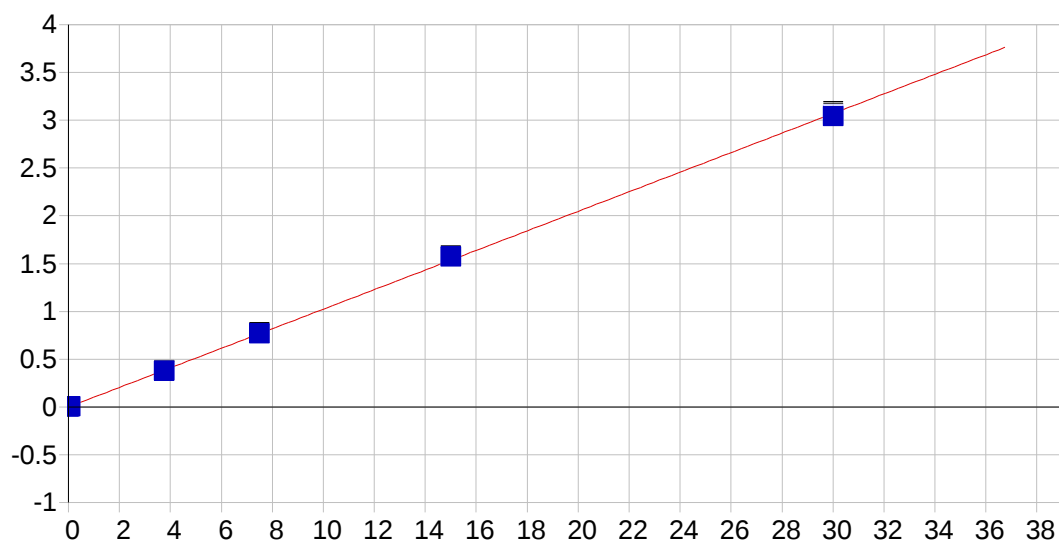
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00115	.001	.000	.00344	.002	1
S1	5.0000	4.4844	-.516	-10.3	.04050	.002	1
S2	37.500	36.063	-1.44	-3.83	.30157	.001	1
S3	75.000	72.617	-2.38	-3.18	.60377	.002	1
S4	150.00	144.45	-5.55	-3.70	1.1976	.006	1
S5	300.00	284.84	-15.2	-5.05	2.3583	.021	1
S6	800.00	825.04	25.0	3.13	6.8242	.007	1



Date of Fit: 3/19/2018 13:23:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000016 Re-Slope: 1.000000
 A1 (Gain): 0.080297 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999858 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.005122
 Predicted MQL: 0.017074

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.05000	.05172	.002	3.44	.00416	.000	1
S2	.62500	.63887	.014	2.22	.04966	.001	1
S3	1.2500	1.2740	.024	1.92	.09901	.001	1
S4	2.5000	2.5362	.036	1.45	.19705	.001	1
S5	5.0000	4.9241	-.076	-1.52	.38216	.003	1

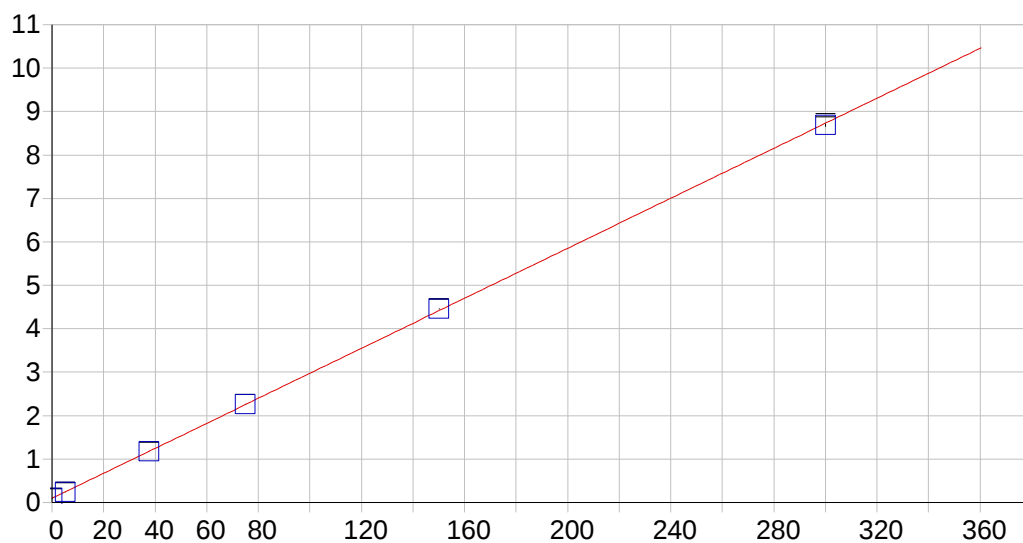


Zn 213.856 {158}

Date of Fit: 3/19/2018 13:23:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000565 Re-Slope: 1.000000
 A1 (Gain): 0.102390 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890 Status: OK.
 Std Error of Est: 0.000109
 Predicted MDL: 0.005499
 Predicted MQL: 0.018331

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00056	.000	1
S1	.06000	.06245	.002	4.08	.00585	.001	1
S2	3.7500	3.6755	-.075	-1.99	.37757	.004	1
S3	7.5000	7.4981	-.002	-.026	.77078	.009	1
S4	15.000	15.354	.354	2.36	1.5787	.006	1
S5	30.000	29.720	-.280	-.932	3.0570	.035	1

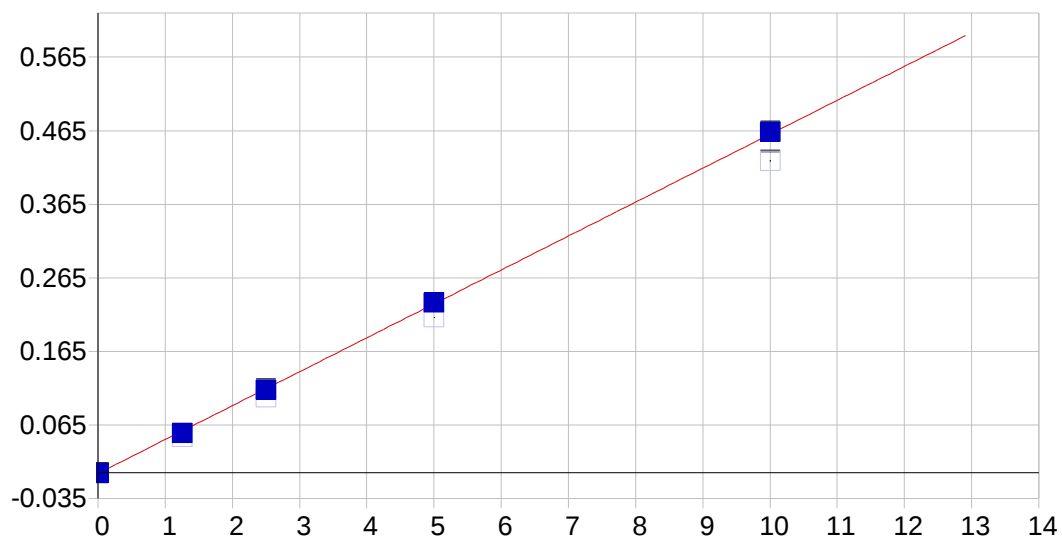


K 769.896 { 44}

Date of Fit: 3/19/2018 13:23:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.094868 Re-Slope: 1.000000
 A1 (Gain): 0.028789 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000413
 Predicted MDL: 0.078239
 Predicted MQL: 0.260795

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00013	.000	.000	.09487	.002	1
S1	5.0000	4.8547	-.145	-2.91	.23463	.001	1
S2	37.500	37.339	-.161	-.430	1.1698	.003	1
S3	75.000	75.206	.206	.275	2.2599	.002	1
S4	150.00	151.51	1.51	1.01	4.4568	.004	1
S5	300.00	298.59	-1.41	-.471	8.6907	.041	1

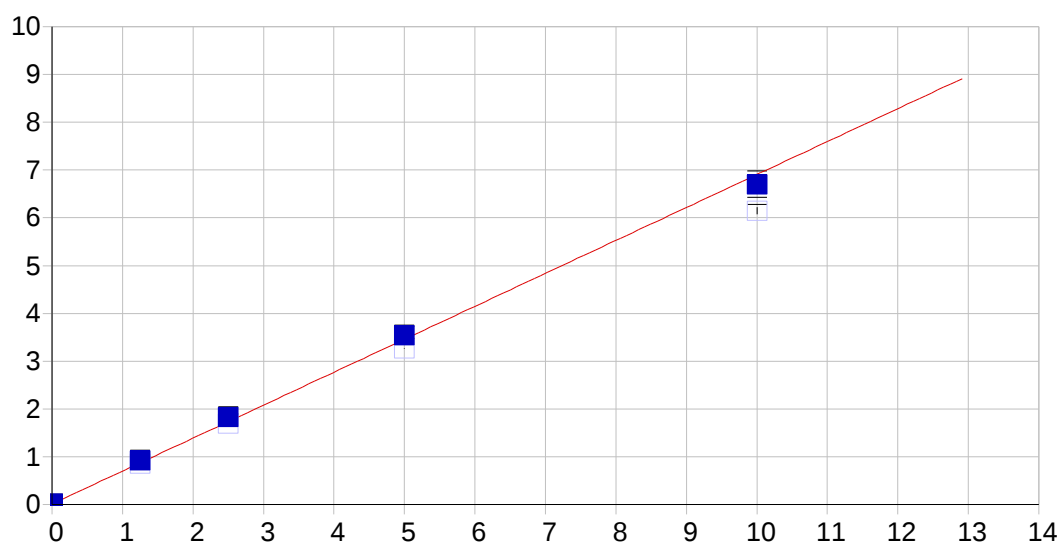


P 177.495 {490}

Date of Fit: 3/19/2018 13:23:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001032 Re-Slope: 1.000000
 A1 (Gain): 0.046120 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999749 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.002310
 Predicted MQL: 0.007700

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00103	.000	1
S1	.01000	.01524	.005	52.4	-.00036	.000	1
S2	1.2500	1.1812	-.069	-5.50	.04847	.000	1
S3	2.5000	2.4607	-.039	-1.57	.10251	.002	1
S4	5.0000	5.0305	.031	.611	.21109	.000	1
S5	10.000	10.072	.072	.722	.42371	.001	1

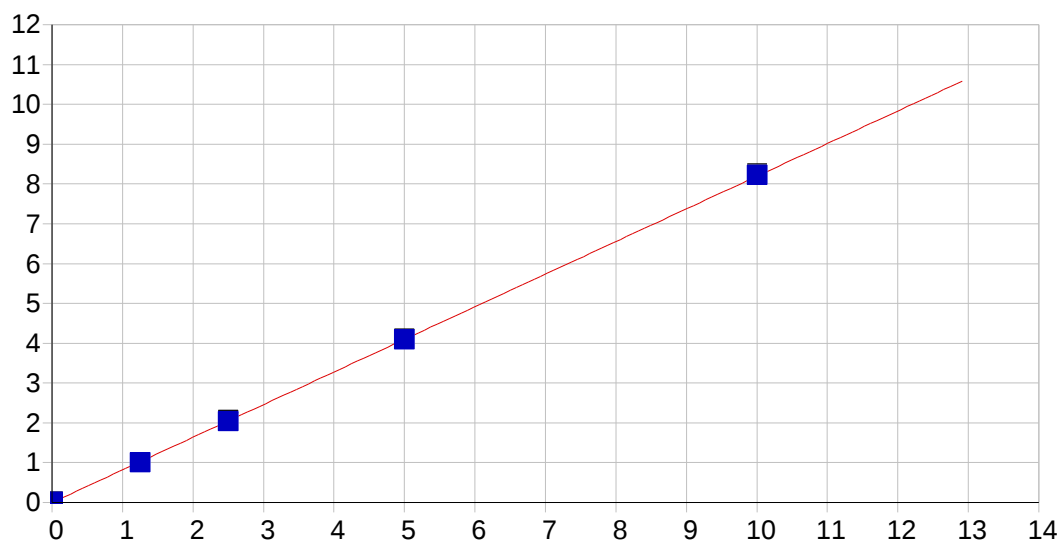


B 249.678 {135}

Date of Fit: 3/19/2018 13:23:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010303 Re-Slope: 1.000000
 A1 (Gain): 0.689568 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999283 Status: OK.
 Std Error of Est: 0.000403
 Predicted MDL: 0.001100
 Predicted MQL: 0.003666

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01030	.000	1
S1	.01000	.00796	-.002	-20.4	.01565	.001	1
S2	1.2500	1.3196	.070	5.57	.85197	.008	1
S3	2.5000	2.6268	.127	5.07	1.6851	.010	1
S4	5.0000	5.1142	.114	2.28	3.2638	.008	1
S5	10.000	9.6916	-.308	-3.08	6.1471	.075	1

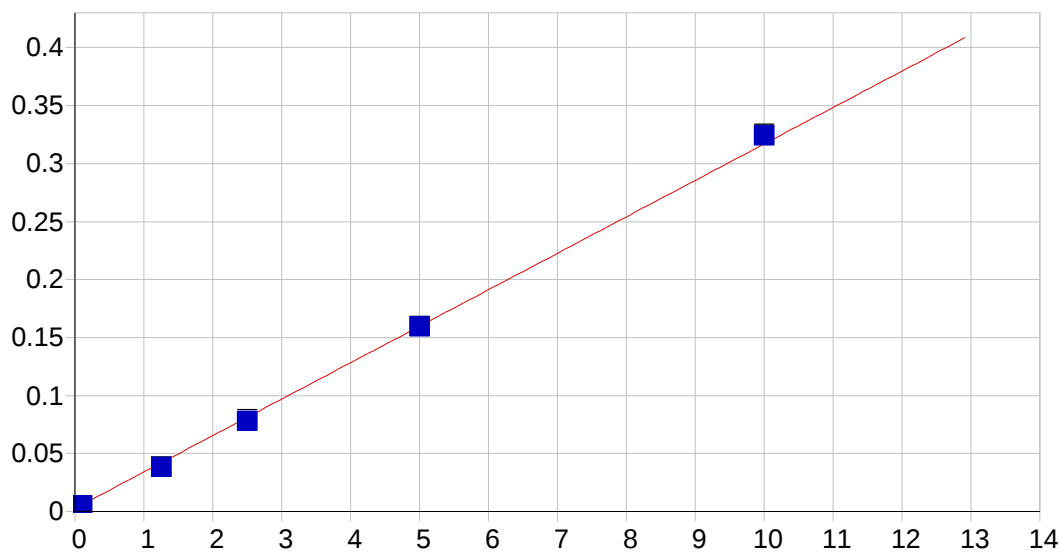


Mo 202.030 {467}

Date of Fit: 3/19/2018 13:23:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000197 Re-Slope: 1.000000
 A1 (Gain): 0.819349 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000076
 Predicted MDL: 0.000250
 Predicted MQL: 0.000834

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.01000	.00990	.000	-.993	.00831	.000	1
S2	1.2500	1.2257	-.024	-1.94	1.0044	.002	1
S3	2.5000	2.4959	-.004	-.164	2.0451	.028	1
S4	5.0000	4.9974	-.003	-.053	4.0946	.009	1
S5	10.000	10.031	.031	.311	8.2188	.037	1

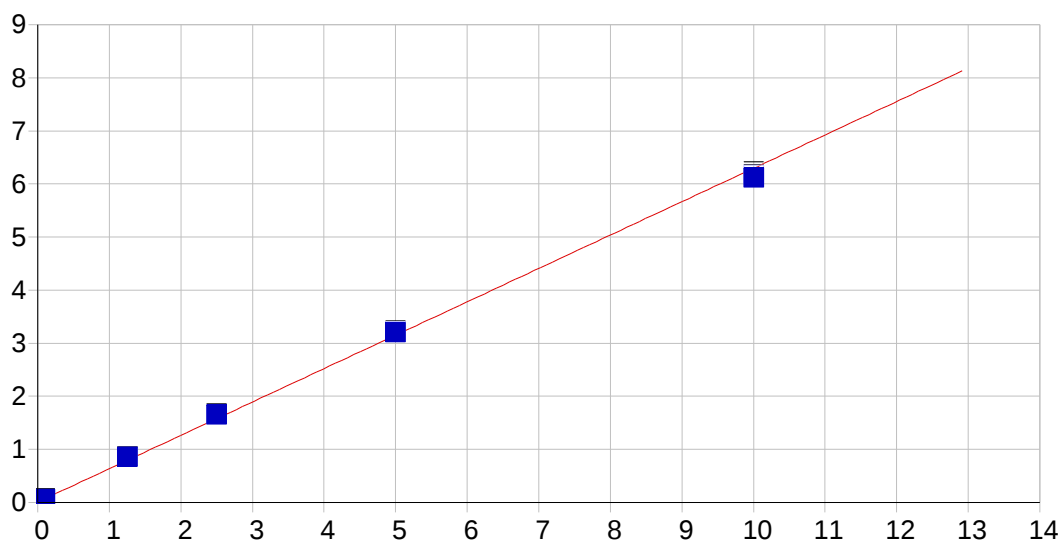


S 182.034 {485}

Date of Fit: 3/19/2018 13:23:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002593 Re-Slope: 1.000000
 A1 (Gain): 0.031434 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999400 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.003647
 Predicted MQL: 0.012158

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00259	.000	1
S1	.10000	.07922	-.021	-20.8	.00508	.000	1
S2	1.2500	1.1423	-.108	-8.62	.03851	.000	1
S3	2.5000	2.4048	-.095	-3.81	.07821	.001	1
S4	5.0000	4.9915	-.008	-.170	.15955	.000	1
S5	10.000	10.232	.232	2.32	.32434	.001	1

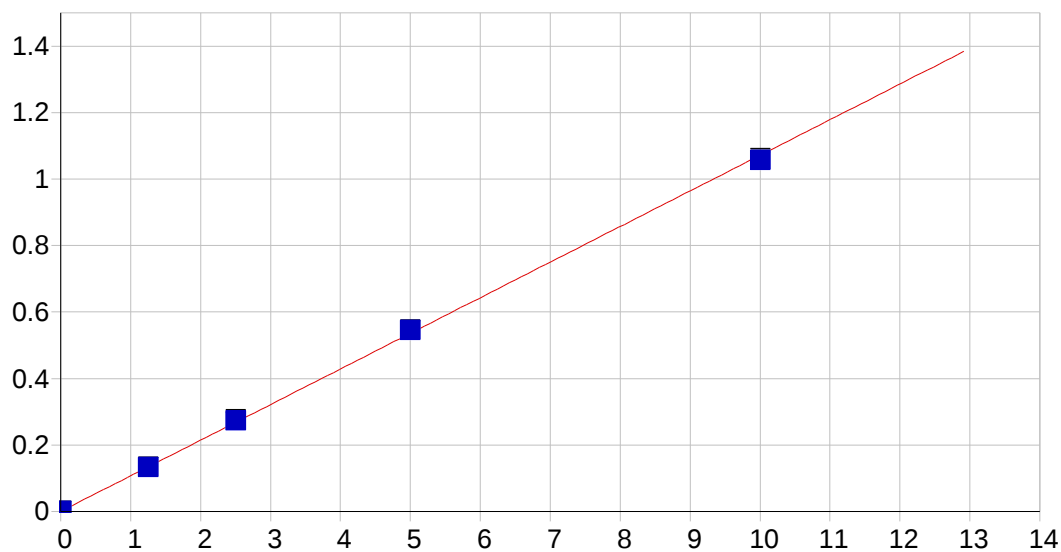


Si 251.611 {134}

Date of Fit: 3/19/2018 13:23:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007107 Re-Slope: 1.000000
 A1 (Gain): 0.628797 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999396 Status: OK.
 Std Error of Est: 0.001171
 Predicted MDL: 0.001219
 Predicted MQL: 0.004063

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00710	.000	1
S1	.10000	.09449	-.006	-5.51	.06674	.002	1
S2	1.2500	1.3467	.097	7.74	.86037	.007	1
S3	2.5000	2.6192	.119	4.77	1.6669	.012	1
S4	5.0000	5.0795	.080	1.59	3.2269	.012	1
S5	10.000	9.7100	-.290	-2.90	6.1643	.068	1

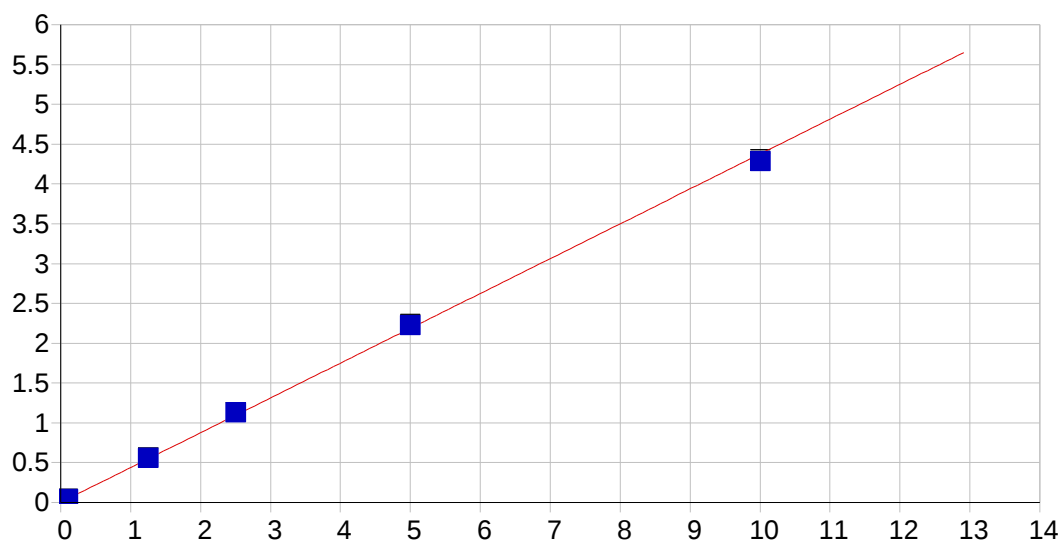


Sn 189.989 {478}

Date of Fit: 3/19/2018 13:23:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000290 Re-Slope: 1.000000
 A1 (Gain): 0.107130 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.000994
 Predicted MQL: 0.003313

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00029	.000	1
S1	.00700	.00527	-.002	-24.7	.00083	.000	1
S2	1.2500	1.2391	-.011	-.875	.13273	.000	1
S3	2.5000	2.5472	.047	1.89	.27258	.004	1
S4	5.0000	5.0891	.089	1.78	.54430	.001	1
S5	10.000	9.8763	-.124	-1.24	1.0560	.005	1

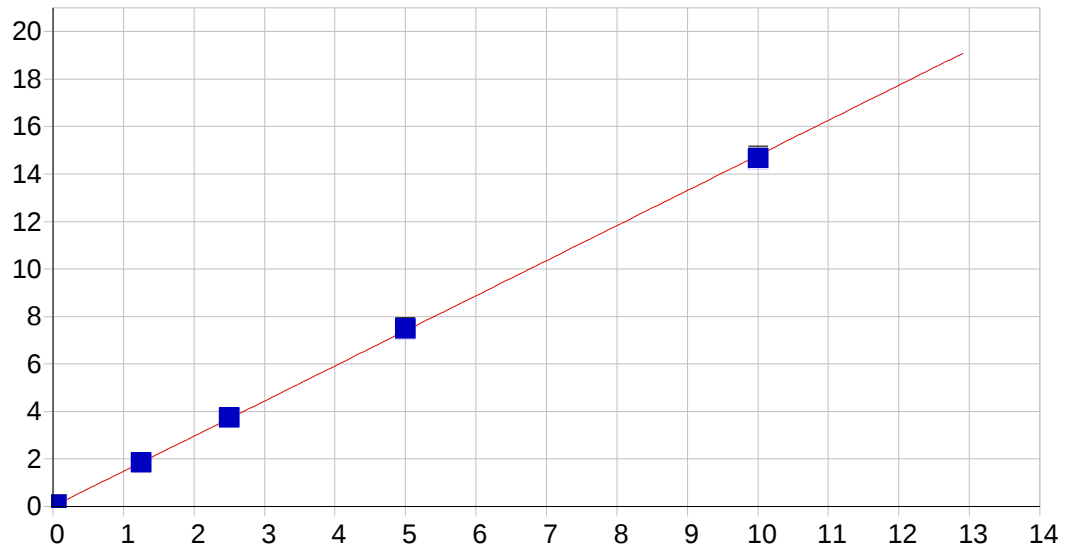


Ti 336.121 {100}

Date of Fit: 3/19/2018 13:23:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000490 Re-Slope: 1.000000
 A1 (Gain): 0.437502 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999757 Status: OK.
 Std Error of Est: 0.000512
 Predicted MDL: 0.001691
 Predicted MQL: 0.005638

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00049	.000	1
S1	.10000	.09860	-.001	-1.40	.04362	.000	1
S2	1.2500	1.2806	.031	2.45	.56056	.003	1
S3	2.5000	2.5809	.081	3.23	1.1292	.001	1
S4	5.0000	5.0918	.092	1.84	2.2273	.010	1
S5	10.000	9.7981	-.202	-2.02	4.2855	.021	1



Li 670.784 { 50}

Date of Fit: 3/19/2018 13:23:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008663 Re-Slope: 1.000000
 A1 (Gain): 1.477628 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000513
 Predicted MDL: 0.001781
 Predicted MQL: 0.005938

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00867	.003	1
S5	10.000	9.9247	-.075	-.753	14.591	.080	1
S4	5.0000	5.0613	.061	1.23	7.4458	.039	1
S3	2.5000	2.5194	.019	.776	3.7106	.015	1
S2	1.2500	1.2472	-.003	-.222	1.8412	.005	1
S1	.05000	.04738	-.003	-5.25	.07852	.002	1



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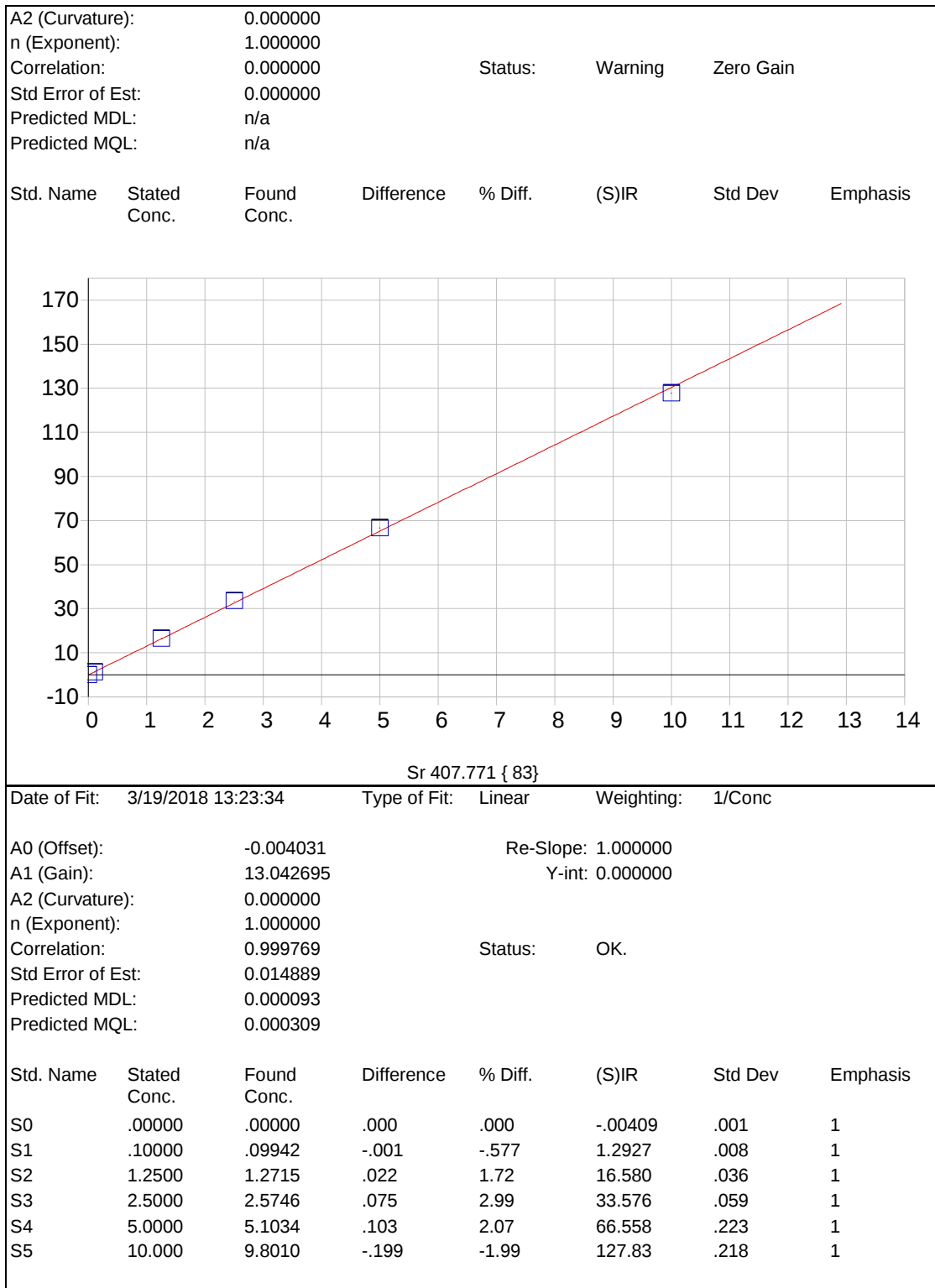


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: J1961-04 Acquired: 3/19/2018 14:43:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219166	.0020085	.0340426	-.000545	.0022094	45.25980	.1485592
Stddev	.0028552	.0014226	.0004294	.002545	.0008210	.06957	.0008340
%RSD	13.02756	70.83209	1.261200	467.3027	37.16123	.1537015	.5614219

#1	.0209237	.0012070	.0342225	.002227	.0031139	45.33990	.1481465
#2	.0196905	.0011674	.0335525	-.002777	.0015111	45.21450	.1495192
#3	.0251357	.0036511	.0343526	-.001084	.0020032	45.22500	.1480121

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014379	-.000309	2.535053	.0408443	.0325548	.0250011	54.49260
Stddev	.0000877	.000024	.010562	.0002959	.0001614	.0019685	.19432
%RSD	6.097157	7.745233	.4166347	.7243378	.4959363	7.873782	.3565944

#1	.0013852	-.000310	2.545593	.0405791	.0326031	.0272691	54.53676
#2	.0015391	-.000332	2.535096	.0407904	.0326865	.0239983	54.66103
#3	.0013893	-.000284	2.524470	.0411634	.0323746	.0237359	54.28000

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8993195	1.531981	.0222081	.0010311	.4934618	.0862131	.5642053
Stddev	.0043530	.031112	.0003143	.0001887	.1000162	.0035794	.0140986
%RSD	.4840336	2.030813	1.415385	18.30092	20.26827	4.151785	2.498850

#1	.9034974	1.537690	.0224160	.0008371	.5831224	.0821370	.5652952
#2	.8996507	1.498411	.0223618	.0012140	.5116708	.0888437	.5777273
#3	.8948103	1.559844	.0218465	.0010422	.3855921	.0876586	.5495933

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.01530	1.582982	-.006260	.0050628	.0565770	1.890872	.0122384
Stddev	.07707	.007004	.001455	.0000893	.0040235	.012258	.0011922
%RSD	7.590994	.4424375	23.24517	1.763791	7.111483	.6482881	9.741746

#1	-1.10061	1.584874	-.005513	.0050131	.0611233	1.890743	.0109322
#2	-.99459	1.575226	-.005329	.0051659	.0551327	1.878678	.0132682
#3	-.95070	1.588845	-.007936	.0050095	.0534751	1.903194	.0125147

Sample Name: J1961-04 Acquired: 3/19/2018 14:43:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1008 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5557618	.0141584	.0232149
Stddev	.0046025	.0013310	.0000951
%RSD	.8281391	9.400479	.4096725

#1	.5607991	.0134256	.0231454
#2	.5517762	.0156948	.0231760
#3	.5547102	.0133550	.0233233

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1777.674	3545.329	39456.98	4673.345	3958.194
Stddev	20.715	5.980	332.08	12.975	9.383
%RSD	1.165270	.1686738	.8416192	.2776473	.2370504

#1	1764.564	3538.425	39374.26	4684.426	3949.586
#2	1766.903	3548.634	39174.08	4676.537	3968.196
#3	1801.555	3548.927	39822.60	4659.071	3956.800

Sample Name: J1961-03 Acquired: 3/19/2018 14:39:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210346	.0010164	.0449399	.0013575	.0015710	38.50675	.1865821
Stddev	.0011080	.0018268	.0014969	.0012241	.0015942	.13087	.0011252
%RSD	5.267564	179.7319	3.330901	90.17083	101.4773	.3398514	.6030787

#1	.0199026	-.001056	.0463861	.0001448	.0022434	38.62688	.1875301
#2	.0210843	.001710	.0450367	.0025927	-.000249	38.36730	.1853386
#3	.0221170	.002395	.0433970	.0013350	.002719	38.52609	.1868775

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019095	-.000704	4.806519	.0483974	.0205816	.0186519	53.34841
Stddev	.0000438	.000046	.018303	.0005035	.0002545	.0021885	.25319
%RSD	2.293695	6.574666	.3808001	1.040428	1.236784	11.73361	.4746005

#1	.0018890	-.000757	4.827148	.0489735	.0208740	.0166626	53.63236
#2	.0019598	-.000675	4.792226	.0481771	.0204098	.0182968	53.14613
#3	.0018797	-.000679	4.800182	.0480415	.0204609	.0209963	53.26675

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3405562	2.537300	.0281829	.0009356	.8833945	.0777224	.1403159
Stddev	.0020969	.008471	.0000610	.0002511	.4358260	.0058149	.0048814
%RSD	.6157160	.3338765	.2162983	26.83439	49.33537	7.481631	3.478842

#1	.3418581	2.547065	.0281286	.0006589	1.369190	.0763143	.1401088
#2	.3381373	2.532922	.0281714	.0009991	.526716	.0727409	.1452976
#3	.3416732	2.531914	.0282488	.0011488	.754277	.0841121	.1355414

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.645675	2.221114	-.003827	.0028689	.0884395	2.667447	.0102393
Stddev	.027595	.009343	.001393	.0003669	.0012419	.081489	.0009921
%RSD	4.273802	.4206523	36.40752	12.78907	1.404292	3.054960	9.689460

#1	-.621854	2.212795	-.004718	.0024670	.0878001	2.758249	.0103836
#2	-.639258	2.219322	-.002222	.0031859	.0876474	2.600673	.0111513
#3	-.675913	2.231222	-.004542	.0029537	.0898708	2.643420	.0091829

Sample Name: J1961-03 Acquired: 3/19/2018 14:39:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1007 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5241336	.0164770	.0684898
Stddev	.0018238	.0013932	.0003135
%RSD	.3479633	8.455624	.4577061

#1	.5225759	.0173399	.0687595
#2	.5261398	.0148697	.0681459
#3	.5236850	.0172214	.0685641

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1779.388	3562.314	39767.67	4734.483	3941.455
Stddev	18.304	16.009	197.57	36.953	15.101
%RSD	1.028692	.4493960	.4967988	.7805171	.3831242

#1	1765.108	3546.442	39737.89	4697.239	3927.970
#2	1773.034	3578.456	39586.69	4735.072	3957.770
#3	1800.023	3562.045	39978.44	4771.139	3938.624

Sample Name: J1961-02 Acquired: 3/19/2018 14:35:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0274804	.0024265	.2901897	-.001113	.0029813	40.51579	.4622979
Stddev	.0011283	.0038750	.0015881	.002964	.0006105	.14253	.0007880
%RSD	4.105872	159.6954	.5472724	266.2246	20.47778	.3517956	.1704642

#1	.0278247	-.001936	.2884751	-.003788	.0035374	40.36115	.4614576
#2	.0283963	.005471	.2916103	.002073	.0023281	40.54433	.4624157
#3	.0262200	.003745	.2904835	-.001625	.0030785	40.64190	.4630204

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019153	.0030623	6.081337	.0486695	.0085944	.0662308	40.37626
Stddev	.0000994	.0000639	.021949	.0004324	.0001799	.0013586	.09120
%RSD	5.189502	2.086361	.3609290	.8883986	2.093448	2.051364	.2258874

#1	.0018125	.0031149	6.086486	.0488729	.0086785	.0677609	40.36714
#2	.0020108	.0030808	6.100253	.0481729	.0087168	.0657656	40.28995
#3	.0019226	.0029912	6.057270	.0489627	.0083878	.0651658	40.47168

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5324392	2.715342	.0228926	.0009555	.3788448	.0634401	1.305713
Stddev	.0029288	.014127	.0004181	.0001313	.1374617	.0009893	.009784
%RSD	.5500749	.5202522	1.826184	13.74284	36.28442	1.559461	.7493324

#1	.5357522	2.727063	.0226705	.0008574	.4543944	.0623954	1.296586
#2	.5313706	2.699657	.0226325	.0011047	.2201779	.0643627	1.304511
#3	.5301947	2.719307	.0233748	.0009043	.4619622	.0635623	1.316043

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.05473	1.980618	-.005534	.0048017	.2132671	7.307748	.0170996
Stddev	.04043	.022995	.001388	.0000725	.0048663	.183884	.0006637
%RSD	3.833444	1.160994	25.07434	1.510067	2.281776	2.516291	3.881299

#1	-1.05054	1.987337	-.004447	.0047870	.2083214	7.132685	.0168388
#2	-1.09710	1.955012	-.007097	.0047377	.2180498	7.499338	.0178541
#3	-1.01656	1.999505	-.005057	.0048804	.2134302	7.291220	.0166059

Sample Name: J1961-02 Acquired: 3/19/2018 14:35:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1006 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5771579	.0222570	.0368528
Stddev	.0501026	.0012159	.0001248
%RSD	8.680912	5.463025	.3385409

#1	.5397826	.0231842	.0367146
#2	.5576019	.0227064	.0368865
#3	.6340893	.0208803	.0369572

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1807.014	3592.552	40080.99	4710.253	3989.181
Stddev	5.112	7.444	53.99	18.814	6.968
%RSD	.2828744	.2072113	.1346947	.3994248	.1746705

#1	1801.328	3601.106	40079.35	4725.575	3992.491
#2	1811.228	3589.006	40027.84	4689.254	3993.877
#3	1808.485	3587.544	40135.78	4715.929	3981.175

Sample Name: J1961-01 Acquired: 3/19/2018 14:31:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0308794	.0030762	.0337728	.0035976	.0029507	47.31625	.2627359
Stddev	.0027796	.0016700	.0026254	.0035172	.0007919	.08693	.0009430
%RSD	9.001328	54.28746	7.773816	97.76598	26.83705	.1837193	.3589288

#1	.0319293	.0018375	.0367347	.0009251	.0031001	47.27096	.2629376
#2	.0277278	.0024157	.0317322	.0022854	.0020947	47.26132	.2617083
#3	.0329811	.0049754	.0328515	.0075822	.0036572	47.41648	.2635617

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052366	-.001328	.3653489	.0868721	.0295122	.0324916	111.1157
Stddev	.0000676	.000050	.0179353	.0008737	.0002621	.0007355	.3403
%RSD	1.291168	3.784800	4.909083	1.005708	.8881957	2.263817	.3062137

#1	.0052423	-.001344	.3823729	.0877960	.0296628	.0320854	111.1258
#2	.0053012	-.001368	.3670502	.0860592	.0292095	.0333407	111.4508
#3	.0051664	-.001272	.3466236	.0867611	.0296642	.0320488	110.7705

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.140665	2.092137	.0293189	.0020208	.7665542	.1919176	.0977390
Stddev	.003237	.019009	.0004355	.0001281	.1321497	.0012619	.0067550
%RSD	.2837578	.9085707	1.485373	6.340794	17.23944	.6575248	6.911294

#1	1.138529	2.076941	.0293524	.0020850	.6155539	.1929480	.0926083
#2	1.139076	2.086020	.0297367	.0021042	.8230096	.1905102	.1053923
#3	1.144389	2.113451	.0288677	.0018733	.8610992	.1922948	.0952165

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.25189	2.056065	-.008341	.0080208	.2631990	2.302702	.0019375
Stddev	.02709	.019877	.003067	.0001191	.0068256	.048370	.0008247
%RSD	2.164064	.9667724	36.76308	1.484636	2.593337	2.100580	42.56720

#1	-1.24019	2.056121	-.011710	.0081568	.2682095	2.337499	.0017450
#2	-1.23262	2.036160	-.007600	.0079700	.2554249	2.323139	.0012260
#3	-1.28287	2.075915	-.005713	.0079355	.2659625	2.247468	.0028414

Sample Name: J1961-01 Acquired: 3/19/2018 14:31:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1005 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4733291	.0207195	.0127512
Stddev	.0050214	.0016482	.0000643
%RSD	1.060861	7.954797	.5040518

#1	.4790145	.0188175	.0128140
#2	.4695009	.0216119	.0126856
#3	.4714718	.0217289	.0127539

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1816.946	3608.120	40447.46	4775.340	3948.790
Stddev	13.649	9.732	166.24	20.977	20.700
%RSD	.7511809	.2697194	.4109956	.4392787	.5242147

#1	1832.519	3605.721	40630.92	4771.490	3935.635
#2	1807.067	3618.827	40404.61	4756.554	3972.650
#3	1811.251	3599.812	40306.84	4797.975	3938.083

Sample Name: PB107448BS Acquired: 3/19/2018 14:27:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) 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	.0184080	.0505405	.0189074	.0659765	.1098651	.4135787
Stddev	.0006227	.0014105	.0018352	.0023253	.0024495	.0042664
%RSD	3.382611	2.790912	9.706273	3.524430	2.229540	1.031589

#1	.0181441	.0503488	.0184480	.0665564	.1117505	.4096700
#2	.0191192	.0492356	.0209287	.0634161	.1070965	.4129363
#3	.0179608	.0520371	.0173456	.0679569	.1107483	.4181300

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3894739	.0102209	.0097381	10.18293	.0239165	.0929583
Stddev	.0009396	.0000771	.0000887	.04298	.0002086	.0007001
%RSD	.2412368	.7543352	.9106116	.4220451	.8723726	.7531478

#1	.3887495	.0101885	.0096480	10.16253	.0239211	.0935783
#2	.3905355	.0101652	.0097411	10.23231	.0241229	.0921990
#3	.3891366	.0103089	.0098253	10.15396	.0237057	.0930977

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0513098	.2161614	.0316474	9.626226	.0792627	.0194786
Stddev	.0022776	.0022878	.0009231	.119323	.0006234	.0001794
%RSD	4.438817	1.058393	2.916749	1.239557	.7865148	.9212028

#1	.0520603	.2161870	.0311572	9.606151	.0798692	.0193654
#2	.0487517	.2184364	.0327121	9.754313	.0786236	.0193849
#3	.0531173	.2138609	.0310728	9.518214	.0792952	.0196855

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.564778	.1029161	.1332336	9.377564	.0249685	.0119304
Stddev	.381767	.0029197	.0024850	.107101	.0009419	.0003067
%RSD	3.991379	2.836997	1.865119	1.142093	3.772555	2.570656

#1	10.00149	.0999939	.1335811	9.291753	.0241467	.0117626
#2	9.39847	.1058334	.1305931	9.497592	.0259964	.0122844
#3	9.29438	.1029209	.1355265	9.343347	.0247623	.0117442

Sample Name: PB107448BS Acquired: 3/19/2018 14:27:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) 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	.0206970	.1570963	.1752272	F .0120699	.2029387	.0991144
Stddev	.0000635	.0007602	.0014944	.0002185	.0001762	.0009911
%RSD	.3066077	.4839331	.8528142	1.810565	.0868082	.9999974

#1	.0207423	.1563377	.1738108	.0121833	.2029160	.0999729
#2	.0206245	.1578581	.1750817	.0122085	.2027750	.0980297
#3	.0207243	.1570931	.1767889	.0118180	.2031251	.0993404

Elem	Sr4077
Units	ppm
Avg	.2036015
Stddev	.0005337
%RSD	.2621281

#1	.2038027
#2	.2040053
#3	.2029964

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1709.625	3362.762	37966.34	4494.873	3876.553
Stddev	6.286	10.392	107.47	12.025	8.713
%RSD	.3676766	.3090205	.2830580	.2675293	.2247555

#1	1706.049	3357.443	38087.64	4502.345	3873.799
#2	1716.883	3374.737	37928.37	4481.001	3886.310
#3	1705.943	3356.107	37883.01	4501.272	3869.551

Sample Name: PB107448BL Acquired: 3/19/2018 14:23:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) 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	.0007559	.0008107	.0002142	.0011611	.0002683	.0059055	-.000228
Stddev	.0013486	.0012454	.0006137	.0041512	.0009020	.0035417	.000402
%RSD	178.4178	153.6080	286.5291	357.5124	336.1196	59.97314	176.6373

#1	.0022655	.0021873	.0007922	.0059537	-.000367	.0018206	-.000127
#2	-.000330	-.000238	.0002801	-.001314	-.000128	.0081172	.000115
#3	.000332	.000483	-.000430	-.001156	.001301	.0077789	-.000670

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000034	.0000268	-.005891	-.000245	-.000141	.0003928	.0019898
Stddev	.000068	.0000460	.011822	.000203	.000064	.0026858	.0120756
%RSD	199.8521	171.7993	200.6886	82.74107	45.61577	683.8065	606.8704

#1	.000044	.0000002	-.017823	-.000361	-.000089	-.001812	-.003178
#2	-.000064	.0000002	-.005667	-.000363	-.000121	-.000393	-.006642
#3	-.000082	.0000798	.005818	-.000011	-.000213	.003384	.015789

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003454	-.063758	.0004093	.0004394	-.089619	-.000790	-.002942
Stddev	.0002831	.040975	.0000746	.0001359	.049275	.002753	.003158
%RSD	81.94624	64.26709	18.21485	30.92997	54.98266	348.4585	107.3534

#1	.0003746	-.016452	.0003446	.0003142	-.115727	-.000277	-.004311
#2	.0006128	-.088164	.0004909	.0004201	-.032784	-.003763	-.005184
#3	.0000489	-.086658	.0003926	.0005839	-.120346	.001670	.000670

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.314944	.0016445	-.009161	-.000170	-.017397	-.006408	-.000210
Stddev	.010170	.0001966	.000638	.000173	.000962	.001070	.000465
%RSD	3.229156	11.95428	6.963837	101.4060	5.527772	16.69459	221.0851

#1	-.318788	.0017828	-.009083	-.000037	-.017709	-.005207	-.000639
#2	-.303412	.0014195	-.009835	-.000366	-.016318	-.007260	.000284
#3	-.322631	.0017313	-.008566	-.000108	-.018164	-.006756	-.000276

Sample Name: PB107448BL Acquired: 3/19/2018 14:23:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) 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	.0022121	-.000934	.0000049
Stddev	.0003189	.001955	.0000081
%RSD	14.41504	209.3500	166.0291

#1	.0019634	.000044	.0000089
#2	.0025716	-.003184	-.000004
#3	.0021013	.000339	.000010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1711.215	3402.591	38125.85	4468.164	3971.213
Stddev	5.303	6.836	117.11	46.743	15.689
%RSD	.3098682	.2009193	.3071782	1.046127	.3950679

#1	1709.419	3397.824	38050.22	4514.036	3954.875
#2	1707.044	3399.525	38066.59	4420.597	3972.604
#3	1717.183	3410.424	38260.76	4469.859	3986.160

Sample Name: J1916-01LX5 Acquired: 3/19/2018 14:19:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0J17L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001051	.0023950	.0018368	-.001658	.0006797	.0596997	.0264914
Stddev	.000839	.0025952	.0012608	.002730	.0009218	.0032381	.0002325
%RSD	79.82977	108.3610	68.64360	164.6790	135.6061	5.424014	.8778444

#1	-.000962	.0053880	.0030194	-.004071	.0017047	.0628343	.0266020
#2	-.001932	.0007692	.0019808	-.002208	-.000081	.0598976	.0262241
#3	-.000260	.0010278	.0005101	.001306	.000415	.0563672	.0266479

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000023	.0000046	15.80637	.0003833	-.000685	.0000394	.0014823
Stddev	.000065	.0000930	.02218	.0002759	.000320	.0024366	.0034525
%RSD	284.3159	2026.052	.1403426	71.97547	46.70147	6176.788	232.9096

#1	-.000015	-.000023	15.81237	.0002308	-.000411	-.002628	-.002411
#2	.000038	.000108	15.82494	.0002174	-.000607	.000597	.004172
#3	-.000092	-.000072	15.78180	.0007018	-.001037	.002149	.002686

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005040	5.044358	.0013221	.0004345	3.198252	.0010826	.0112569
Stddev	.0002028	.050095	.0003340	.0001461	.149807	.0013868	.0040415
%RSD	40.23042	.9930900	25.26069	33.61910	4.684041	128.1078	35.90211

#1	.0007157	4.986593	.0015276	.0005204	3.160646	.0025550	.0133625
#2	.0003115	5.070613	.0015019	.0005172	3.070831	.0008915	.0138109
#3	.0004849	5.075867	.0009367	.0002658	3.363280	-.000199	.0065974

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.684724	.0056444	-.001021	.0002989	1.322573	1.280223	-.001167
Stddev	.036985	.0009933	.000806	.0002595	.003958	.004347	.001141
%RSD	5.401417	17.59849	78.87387	86.82450	.2992620	.3395376	97.78328

#1	-.725233	.0046264	-.000545	.0000068	1.318066	1.283139	-.000644
#2	-.652760	.0056957	-.000567	.0005029	1.325483	1.275226	-.000380
#3	-.676179	.0066111	-.001952	.0003871	1.324170	1.282302	-.002475

Sample Name: J1916-01LX5 Acquired: 3/19/2018 14:19:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0J17L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006266	.0012676	.1005518
Stddev	.0009164	.0013843	.0003724
%RSD	146.2614	109.2079	.3703641

#1	-.000073	.0026226	.1008036
#2	.001664	-.000144	.1007278
#3	.000288	.001324	.1001240

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1695.582	3416.092	37771.96	4448.335	3940.857
Stddev	14.092	7.103	227.93	6.368	8.926
%RSD	.8311118	.2079312	.6034398	.1431593	.2265110

#1	1679.411	3421.101	37575.57	4455.226	3949.410
#2	1705.236	3419.212	37718.41	4442.667	3941.564
#3	1702.100	3407.963	38021.90	4447.113	3931.599

Sample Name: J1916-03 Acquired: 3/19/2018 14:15:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0J17S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0419638	.0556035	.0230122	.0540851	.1048713	2.253536	2.221607
Stddev	.0007072	.0003166	.0002637	.0011241	.0015708	.001717	.012244
%RSD	1.685333	.5694025	1.145923	2.078401	1.497875	.0761919	.5511272

#1	.0423565	.0557583	.0229641	.0547035	.1065859	2.254886	2.215645
#2	.0411473	.0552393	.0227759	.0527876	.1035014	2.254119	2.213486
#3	.0423875	.0558130	.0232967	.0547643	.1045268	2.251604	2.235690

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0546986	.0531882	77.91350	.2275518	.5035057	.2723534	1.074407
Stddev	.0003013	.0000224	.42939	.0016988	.0021063	.0060583	.012355
%RSD	.5508943	.0420415	.5511112	.7465496	.4183320	2.224425	1.149963

#1	.0550268	.0531701	77.61236	.2256777	.5045133	.2714427	1.064761
#2	.0546344	.0531813	77.72294	.2279873	.5010849	.2668021	1.070128
#3	.0544345	.0532132	78.40519	.2289904	.5049190	.2788155	1.088333

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5497522	25.02579	.5160235	.0513456	16.41897	.5712704	.6370767
Stddev	.0042158	.15244	.0017048	.0002602	.05024	.0088839	.0114439
%RSD	.7668528	.6091160	.3303744	.5068186	.3059836	1.555107	1.796308

#1	.5478287	24.99061	.5158452	.0516271	16.38603	.5716631	.6395275
#2	.5468412	24.89401	.5144149	.0511137	16.47679	.5621967	.6246060
#3	.5545867	25.19274	.5178105	.0512960	16.39407	.5799514	.6470967

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.04729	.0270438	.0263980	.0008019	6.992549	6.519414	-.003363
Stddev	.05780	.0019526	.0005012	.0002152	.032215	.043416	.000941
%RSD	2.823441	7.220153	1.898631	26.83595	.4607008	.6659456	27.97929

#1	-2.11325	.0292842	.0269413	.0009366	6.971056	6.569487	-.003624
#2	-2.02313	.0261425	.0262991	.0005537	6.977003	6.492273	-.004146
#3	-2.00548	.0257046	.0259537	.0009154	7.029589	6.496482	-.002319

Sample Name: J1916-03 Acquired: 3/19/2018 14:15:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0J17S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001470	.0254150	.4928544
Stddev	.001821	.0021128	.0021191
%RSD	123.8985	8.313214	.4299681

#1	-.000610	.0245043	.4920796
#2	-.003561	.0239103	.4912318
#3	-.000238	.0278305	.4952519

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1739.722	3481.777	38493.81	4590.363	3920.560
Stddev	7.382	9.368	97.08	21.830	10.760
%RSD	.4243276	.2690561	.2521957	.4755664	.2744434

#1	1734.886	3483.603	38527.72	4566.271	3922.572
#2	1736.061	3490.097	38384.32	4595.986	3930.171
#3	1748.219	3471.630	38569.38	4608.832	3908.936

Sample Name: J1916-02 Acquired: 3/19/2018 14:10:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0J17D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029856	.0021104	.0028447	-.002090	-.000027	.2265761	.1325468
Stddev	.0009170	.0010242	.0001168	.003465	.000710	.0167548	.0006680
%RSD	30.71566	48.53054	4.105914	165.7824	2597.992	7.394770	.5039993

#1	.0037738	.0029910	.0027173	-.006092	.000749	.2345367	.1326908
#2	.0019791	.0009865	.0028702	-.000082	-.000646	.2073251	.1318185
#3	.0032039	.0023538	.0029466	-.000097	-.000185	.2378665	.1331311

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001250	.0000043	79.16446	.0002445	-.001138	.0019474	-.010997
Stddev	.0000705	.0000398	.22927	.0008706	.000035	.0011242	.002910
%RSD	56.39532	913.9053	.2896171	356.1496	3.077146	57.72636	26.46491

#1	.0002063	-.000012	79.08997	-.000713	-.001121	.0028267	-.013267
#2	.0000839	.000050	78.98169	.000459	-.001179	.0006808	-.007716
#3	.0000846	-.000025	79.42172	.000988	-.001115	.0023346	-.012009

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002956	25.58460	.0031451	.0001892	16.73212	-.002852	.0570042
Stddev	.0004582	.09514	.0002625	.0004300	.12048	.000738	.0040895
%RSD	155.0045	.3718482	8.345949	227.2494	.7200431	25.87072	7.173982

#1	-.000094	25.56539	.0032934	.0005203	16.68869	-.003699	.0535750
#2	.000800	25.50053	.0032998	.0003440	16.86830	-.002351	.0615303
#3	.000180	25.68787	.0028420	-.000297	16.63939	-.002506	.0559073

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.00443	.0212486	.0280225	.0006356	7.104867	6.660566	-.003359
Stddev	.06638	.0013830	.0008583	.0003011	.060022	.063282	.000633
%RSD	3.311802	6.508755	3.062956	47.36588	.8448028	.9501048	18.83509

#1	-2.06547	.0215387	.0282469	.0005764	7.049809	6.725491	-.002851
#2	-1.93376	.0224636	.0287462	.0003685	7.095940	6.657142	-.004067
#3	-2.01406	.0197435	.0270742	.0009618	7.168853	6.599066	-.003157

Sample Name: J1916-02 Acquired: 3/19/2018 14:10:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0J17D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000435	.0216149	.4992701
Stddev	.000455	.0007726	.0002324
%RSD	104.4599	3.574249	.0465391

#1	-.000468	.0224988	.4991701
#2	-.000873	.0212779	.4995356
#3	.000035	.0210681	.4991043

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1752.568	3476.671	38763.49	4554.573	3912.814
Stddev	18.944	21.099	296.04	32.024	25.209
%RSD	1.080909	.6068861	.7637198	.7031090	.6442614

#1	1766.234	3493.216	39012.95	4520.973	3931.162
#2	1760.526	3483.888	38841.16	4558.003	3923.209
#3	1730.943	3452.910	38436.35	4584.744	3884.070

Sample Name: PB107396BS Acquired: 3/19/2018 14:02:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191521	.0509148	.0183051	.0708558	.1124123	.4045099
Stddev	.0031054	.0008524	.0007166	.0004442	.0016695	.0127123
%RSD	16.21411	1.674096	3.914480	.6269365	1.485154	3.142640

#1	.0213826	.0499320	.0176569	.0712915	.1112827	.4075643
#2	.0156054	.0513603	.0181840	.0704035	.1116243	.3905487
#3	.0204683	.0514521	.0190745	.0708725	.1143300	.4154168

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3927131	.0103819	.0098374	10.25710	.0240311	.0942872
Stddev	.0015203	.0000557	.0000540	.02057	.0005581	.0007453
%RSD	.3871358	.5367506	.5487443	.2005880	2.322334	.7904821

#1	.3928079	.0104416	.0098701	10.24339	.0243383	.0945507
#2	.3911475	.0103313	.0097751	10.24715	.0233870	.0934459
#3	.3941837	.0103728	.0098669	10.28076	.0243682	.0948650

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0541972	.2263803	.0316270	9.703166	.0799540	.0199933
Stddev	.0018707	.0142277	.0006291	.059897	.0002803	.0002929
%RSD	3.451683	6.284878	1.989262	.6172973	.3506168	1.464950

#1	.0536564	.2338109	.0309263	9.647647	.0797011	.0200381
#2	.0562787	.2099757	.0318110	9.695206	.0799055	.0202612
#3	.0526564	.2353542	.0321436	9.766645	.0802554	.0196806

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.634059	.1050489	.1320738	9.591278	F .0266176	F .0162197
Stddev	.109261	.0058021	.0039832	.082890	.0009904	.0015426
%RSD	1.134109	5.523235	3.015920	.8642226	3.720975	9.510688

#1	9.728653	.1088371	.1287263	9.671564	.0255062	.0152154
#2	9.514465	.1079402	.1310159	9.506009	.0269398	.0179959
#3	9.659059	.0983692	.1364792	9.596260	.0274068	.0154478

Sample Name: PB107396BS Acquired: 3/19/2018 14:02:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207210	.1502333	.1787215	F .0122672	.2042952	.0972237
Stddev	.0002851	.0025988	.0019344	.0004853	.0009729	.0013350
%RSD	1.375837	1.729872	1.082354	3.956263	.4762113	1.373167

#1	.0204899	.1510004	.1795109	.0117081	.2037123	.0959996
#2	.0206335	.1523623	.1801364	.0125140	.2037549	.0986472
#3	.0210396	.1473373	.1765173	.0125796	.2054183	.0970242

Elem	Sr4077
Units	ppm
Avg	.2046588
Stddev	.0005191
%RSD	.2536480

#1	.2046314
#2	.2041539
#3	.2051911

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1689.617	3378.294	37761.55	4470.353	3863.440
Stddev	10.971	2.679	231.25	34.925	4.480
%RSD	.6493013	.0793093	.6123881	.7812522	.1159492

#1	1677.538	3381.189	37508.45	4435.033	3861.978
#2	1692.351	3377.791	37814.40	4471.158	3868.468
#3	1698.963	3375.902	37961.79	4504.868	3859.874

Sample Name: PB107396BL Acquired: 3/19/2018 13:58:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002759	.0010868	.0009138	.0014704	.0004298	-.010441	-.000219
Stddev	.002373	.0013662	.0006627	.0034162	.0006694	.008332	.000638
%RSD	86.01068	125.7095	72.52066	232.3270	155.7640	79.80432	290.8992

#1	-.002560	.0023075	.0007128	-.001462	-.000337	-.003942	-.000956
#2	-.000491	-.000389	.0016538	.000652	.000730	-.019834	.000129
#3	-.005224	.001342	.0003749	.005222	.000897	-.007546	.000168

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000011	-.000026	.0017282	-.000169	-.000062	-.001030	.0030912
Stddev	.0000690	.000053	.0100358	.000497	.000141	.002556	.0089443
%RSD	6323.495	205.2524	580.7058	293.9170	228.7776	248.3072	289.3474

#1	.0000590	-.000075	-.003113	.000169	.000043	-.000522	-.000938
#2	-.000075	-.000034	-.004969	-.000740	-.000222	-.003802	-.003130
#3	.000019	.000031	.013267	.000064	-.000006	.001235	.013341

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003607	-.026093	-.000015	.0001818	.0059345	-.002846	.0053787
Stddev	.0008289	.003511	.000077	.0002218	.2293630	.003504	.0034449
%RSD	229.7722	13.45581	514.2542	121.9935	3864.939	123.1221	64.04659

#1	.0006405	-.028951	.000062	.0001475	.2099581	-.002100	.0042626
#2	.0010135	-.022174	-.000092	-.000021	-.242324	-.006663	.0092432
#3	-.000572	-.027155	-.000015	.000419	.050170	.000225	.0026303

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.235049	.0029318	-.003607	.0001414	-.021114	-.005477	-.000027
Stddev	.131021	.0008603	.000592	.0001614	.004637	.000959	.000679
%RSD	55.74210	29.34409	16.42624	114.1511	21.96184	17.51472	2548.271

#1	-.350291	.0034054	-.003297	.0002536	-.025378	-.006095	.000017
#2	-.092539	.0019387	-.003233	-.000044	-.021787	-.005965	-.000727
#3	-.262318	.0034512	-.004290	.000214	-.016177	-.004372	.000629

Sample Name: PB107396BL Acquired: 3/19/2018 13:58:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014533	-.001879	-.000062
Stddev	.0011515	.001087	.000095
%RSD	79.23129	57.86338	153.5980

#1	.0027102	-.002741	-.000051
#2	.0004491	-.002239	-.000161
#3	.0012007	-.000657	.000027

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1714.413	3403.151	38054.81	4434.796	3973.042
Stddev	17.509	13.089	298.19	20.350	12.122
%RSD	1.021281	.3846245	.7835676	.4588748	.3051129

#1	1715.802	3405.661	38073.99	4451.333	3969.890
#2	1731.186	3414.803	38342.93	4412.070	3986.429
#3	1696.251	3388.988	37747.49	4440.985	3962.808

Sample Name: CCB051 Acquired: 3/19/2018 13:54:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000888	.0024809	.0005943	.0012045	.0003698	.0079386	.0001215
Stddev	.000876	.0008463	.0003844	.0014689	.0013968	.0132569	.0005883
%RSD	98.56762	34.11258	64.68310	121.9564	377.7644	166.9930	484.2904

#1	-.001397	.0029224	.0009666	.0008861	.0006033	.0232462	-.000462
#2	-.001391	.0030151	.0006176	-.000079	-.001129	.0003296	.000112
#3	.000123	.0015051	.0001988	.002806	.001635	.0002400	.000715

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000262	-.000048	.0010520	-.000159	-.000079	.0001790	.0045297
Stddev	.0000320	.000027	.0108837	.000436	.000247	.0019586	.0084643
%RSD	122.2475	57.72643	1034.630	274.4195	312.8195	1094.107	186.8623

#1	.0000614	-.000021	-.008055	-.000104	.000204	.0024385	.0078560
#2	-.000001	-.000046	.013105	.000247	-.000253	-.000867	.0108257
#3	.000018	-.000076	-.001894	-.000619	-.000188	-.001034	-.005092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000341	-.035831	.0001582	.0004847	-.006617	.0030626	-.002566
Stddev	.000619	.012434	.0001009	.0002578	.341897	.0029745	.004713
%RSD	181.5050	34.70223	63.77533	53.18301	5166.768	97.12321	183.7188

#1	-.000817	-.031255	.0002747	.0007174	-.374085	.0011313	-.004178
#2	.000359	-.049905	.0001043	.0002076	.302093	.0015686	.002743
#3	-.000565	-.026334	.0000958	.0005291	.052140	.0064880	-.006261

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.195035	.0007916	-.000083	.0002405	-.022388	-.005636	-.000954
Stddev	.061282	.0002848	.000414	.0001775	.003089	.000730	.001108
%RSD	31.42092	35.97029	497.3916	73.78278	13.79986	12.94997	116.0962

#1	-.259986	.0008063	.000206	.0003694	-.020547	-.005088	-.000110
#2	-.138239	.0010688	-.000558	.0003140	-.020662	-.005356	-.000544
#3	-.186880	.0004999	.000101	.0000381	-.025955	-.006465	-.002209

Sample Name: CCB051 Acquired: 3/19/2018 13:54:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB051 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008974	.0014871	.0000584
Stddev	.0006596	.0023783	.0000324
%RSD	73.49720	159.9354	55.38452

#1	.0002095	.0001823	.0000525
#2	.0009583	.0000466	.0000294
#3	.0015244	.0042322	.0000933

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1692.236	3421.429	37692.31	4404.084	3980.085
Stddev	8.123	14.431	217.56	19.136	17.260
%RSD	.4799935	.4217739	.5771970	.4345086	.4336697

#1	1683.789	3433.758	37548.55	4400.267	3995.900
#2	1692.929	3424.971	37585.77	4387.145	3982.680
#3	1699.990	3405.557	37942.60	4424.842	3961.674

Sample Name: CCV051 Acquired: 3/19/2018 13:50:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.017064	4.918290	25.13297	5.076284	5.028293	401.6107	10.22956
Stddev	.012599	.036871	.09225	.015021	.012889	.3360	.05932
%RSD	.2511194	.7496786	.3670472	.2959000	.2563364	.0836655	.5799192

#1	5.012824	4.906254	25.05425	5.080609	5.016707	401.2464	10.29405
#2	5.007132	4.888942	25.11018	5.059575	5.025994	401.6771	10.21730
#3	5.031235	4.959676	25.23448	5.088668	5.042177	401.9085	10.17732

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5012686	2.523684	395.6723	15.52334	2.548176	15.28408	401.6569
Stddev	.0043095	.010574	2.0248	.01224	.013185	.05077	.8655
%RSD	.8597108	.4189807	.5117328	.0788561	.5174337	.3321710	.2154941

#1	.4986831	2.516067	397.7476	15.51279	2.536241	15.33003	402.6266
#2	.4988792	2.519227	395.5669	15.52046	2.545958	15.29262	401.3817
#3	.5062434	2.535756	393.7022	15.53676	2.562330	15.22958	400.9624

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.94689	398.4114	2.554046	1.265646	404.0071	2.569242	14.78755
Stddev	.08016	.5201	.009423	.009031	1.7910	.005448	.09294
%RSD	.5362666	.1305360	.3689483	.7135443	.4433011	.2120308	.6285306

#1	15.03038	399.0118	2.546324	1.261003	402.3612	2.569827	14.68563
#2	14.93973	398.1228	2.551267	1.259880	403.7457	2.563526	14.86762
#3	14.87055	398.0997	2.564546	1.276053	405.9144	2.574374	14.80942

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.2358	5.060235	4.906853	5.017508	5.205712	4.866576	5.057403
Stddev	.3039	.042091	.030917	.011095	.018956	.033540	.022458
%RSD	.1982955	.8317946	.6300865	.2211223	.3641307	.6891884	.4440568

#1	153.5793	5.070019	4.903093	5.010866	5.216648	4.865206	5.054720
#2	153.0022	5.014114	4.877988	5.011343	5.183824	4.833742	5.036406
#3	153.1258	5.096572	4.939479	5.030317	5.216664	4.900780	5.081081

Sample Name: CCV051 Acquired: 3/19/2018 13:50:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV051 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.086477	5.185418	5.203622
Stddev	.004657	.013871	.003406
%RSD	.0915522	.2675003	.0654507

#1	5.089811	5.197875	5.199945
#2	5.088464	5.187909	5.204251
#3	5.081157	5.170470	5.206669

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1388.786	2814.253	32905.37	4226.454	2871.273
Stddev	4.033	1.674	161.78	17.017	7.030
%RSD	.2903947	.0594673	.4916548	.4026281	.2448369

#1	1392.265	2816.185	33066.24	4238.345	2878.487
#2	1389.727	2813.344	32907.18	4234.057	2870.887
#3	1384.366	2813.231	32742.69	4206.962	2864.443

Sample Name: ICSAB Acquired: 3/19/2018 13:46:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0931192	.0998934	.0430349	.0458351	.5582720	241.3863	.5134296
Stddev	.0051088	.0006221	.0010086	.0052211	.0066034	.6344	.0041811
%RSD	5.486349	.6227639	2.343584	11.39107	1.182835	.2628074	.8143419

#1	.0891106	.1006116	.0431708	.0518197	.5636836	241.0299	.5179293
#2	.0913753	.0995467	.0439686	.0434736	.5602183	241.0103	.5096645
#3	.0988717	.0995219	.0419653	.0422119	.5509142	242.1187	.5126952

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5071707	.9867004	247.3664	.5779982	.4891208	.5073886	99.84475
Stddev	.0028667	.0067703	1.2255	.0028339	.0032449	.0026464	.64301
%RSD	.5652381	.6861603	.4954375	.4902955	.6634190	.5215723	.6440104

#1	.5096430	.9919035	248.7497	.5759765	.4917913	.5094323	100.5044
#2	.5040283	.9891520	246.4161	.5812374	.4900617	.5043993	99.8100
#3	.5078407	.9790458	246.9333	.5767807	.4855094	.5083343	99.2198

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5202634	248.5186	.9891661	.1985815	.3894044	.5285231	1.088921
Stddev	.0023301	1.3236	.0063475	.0009904	.2300456	.0066374	.017585
%RSD	.4478666	.5325961	.6416985	.4987201	59.07626	1.255841	1.614897

#1	.5229165	249.9204	.9943867	.1995824	.5673093	.5321324	1.081058
#2	.5185493	248.3452	.9910109	.1976021	.1296206	.5208632	1.076639
#3	.5193245	247.2903	.9821005	.1985599	.4712834	.5325738	1.109065

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.03837	.0102911	-.007580	.0024484	-.000743	-.004437	-.003944
Stddev	.05138	.0024346	.000760	.0000465	.003208	.000589	.001664
%RSD	4.947899	23.65684	10.02632	1.899576	431.9876	13.26464	42.19730

#1	-1.06249	.0107032	-.007354	.0024075	.002936	-.004956	-.003037
#2	-1.07326	.0076768	-.008427	.0024386	-.002953	-.004558	-.005864
#3	-.97937	.0124934	-.006959	.0024990	-.002211	-.003798	-.002930

Sample Name: ICSAB Acquired: 3/19/2018 13:46:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000963	.0034997	.1031280
Stddev	.000715	.0009102	.0001781
%RSD	74.23851	26.00940	.1726853

#1	-.001784	.0031874	.1032936
#2	-.000470	.0027866	.1029396
#3	-.000636	.0045249	.1031506

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1555.212	3143.597	34722.32	4291.269	3268.834
Stddev	9.445	20.713	62.70	.870	21.400
%RSD	.6073361	.6589087	.1805772	.0202747	.6546634

#1	1558.166	3120.382	34788.76	4291.201	3248.946
#2	1562.827	3150.217	34714.02	4290.435	3266.077
#3	1544.643	3160.190	34664.18	4292.171	3291.479

Sample Name: IC5A Acquired: 3/19/2018 13:42:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: IC5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039940	.0005011	-.005209	-.005084	.0061271	241.2625	.0040790
Stddev	.0027355	.0015323	.002410	.003760	.0010139	.4254	.0005665
%RSD	68.49085	305.7999	46.25981	73.94847	16.54839	.1763041	13.88827

#1	.0064821	-.000244	-.003852	-.008645	.0057262	241.1463	.0045896
#2	.0010647	-.000516	-.003784	-.005456	.0072801	241.7339	.0041780
#3	.0044353	.002263	-.007991	-.001153	.0053748	240.9074	.0034696

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011171	-.000809	246.6658	.0570495	-.000577	.0016502	99.99878
Stddev	.0000832	.000019	1.1348	.0006528	.000510	.0026167	.64873
%RSD	7.446840	2.296066	.4600466	1.144179	88.28901	158.5710	.6487424

#1	.0011573	-.000808	245.5262	.0575493	-.000878	.0011747	99.29106
#2	.0011726	-.000828	247.7957	.0572883	-.000865	.0044721	100.1400
#3	.0010215	-.000791	246.6756	.0563110	.000011	-.000696	100.5653

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116996	248.9510	.0062634	.0020632	.8112214	-.001054	-.006981
Stddev	.0003391	1.3291	.0000501	.0005269	.1084574	.002547	.001473
%RSD	2.898027	.5338622	.7996804	25.53715	13.36964	241.6616	21.10004

#1	.0118097	247.4714	.0062665	.0022686	.7693118	-.002462	-.006249
#2	.0113192	249.3380	.0063119	.0024565	.9343804	.001886	-.008676
#3	.0119700	250.0437	.0062119	.0014646	.7299720	-.002586	-.006017

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.618939	-.005038	-.004249	.0021440	.0002798	-.005777	-.003435
Stddev	.062712	.003881	.001003	.0001429	.0102600	.000869	.001848
%RSD	10.13221	77.04985	23.59345	6.667156	3666.681	15.03689	53.78386

#1	-.609216	-.007600	-.003118	.0020250	.0119744	-.006382	-.002627
#2	-.685944	-.000572	-.004604	.0023026	-.003926	-.004782	-.002130
#3	-.561656	-.006941	-.005026	.0021044	-.007209	-.006167	-.005549

Sample Name: ICSA Acquired: 3/19/2018 13:42:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000857	.0020318	.1030000
Stddev	.001345	.0009118	.0004374
%RSD	156.9813	44.87789	.4246443

#1	-.001142	.0028729	.1025128
#2	-.002037	.0010628	.1031284
#3	.000608	.0021596	.1033589

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1553.108	3109.933	34633.53	4316.909	3230.571
Stddev	3.674	4.685	69.23	9.074	7.644
%RSD	.2365658	.1506556	.1998989	.2101886	.2366291

#1	1553.898	3112.708	34559.46	4325.432	3239.352
#2	1556.323	3112.568	34644.53	4317.926	3226.963
#3	1549.103	3104.523	34696.61	4307.370	3225.399

Sample Name: ICB Acquired: 3/19/2018 13:38:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) 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	-.000619	.0010334	.0008373	-.002692	-.000417	.0070426	-.000391
Stddev	.004095	.0008103	.0005194	.002582	.000640	.0048447	.000722
%RSD	661.3668	78.41612	62.03023	95.92952	153.4375	68.79084	184.8283

#1	-.001430	.0012610	.0007635	-.000053	-.000089	.0048170	.000210
#2	-.004249	.0017056	.0013896	-.002810	-.001155	.0126001	-.001192
#3	.003821	.0001336	.0003587	-.005213	-.000008	.0037107	-.000191

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000040	-.000030	.0014668	-.000385	-.000064	-.001368	.0031630
Stddev	.000100	.000047	.0102200	.000319	.000179	.001860	.0167664
%RSD	251.5409	157.3906	696.7586	83.03557	279.2797	136.0014	530.0767

#1	-.000073	-.000066	-.009942	-.000739	-.000213	.000775	.0095314
#2	.000073	.000023	.004557	-.000119	.000135	-.002316	.0158121
#3	-.000119	-.000046	.009785	-.000296	-.000114	-.002562	-.015854

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000608	-.008498	.0001321	.0001272	.0784288	-.002594	.0007748
Stddev	.0002304	.009895	.0003174	.0004270	.1675282	.003771	.0024312
%RSD	379.1822	116.4416	240.3385	335.6408	213.6055	145.3864	313.7902

#1	-.000161	-.005545	-.000139	-.000161	-.091707	.000340	.0003132
#2	.000044	-.019533	.000481	.000618	.243221	-.001274	.0034036
#3	.000299	-.000415	.000054	-.000075	.083773	-.006848	-.001393

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.222444	.0000133	-.003052	.0002497	-.018929	-.005095	.0000260
Stddev	.107908	.0010252	.001447	.0001178	.002764	.001097	.0004314
%RSD	48.51029	7700.279	47.40555	47.17711	14.60006	21.53325	1660.355

#1	-.334390	-.000971	-.004642	.0003853	-.021467	-.006314	.0000082
#2	-.119087	.001075	-.002700	.0001913	-.015985	-.004788	.0004660
#3	-.213855	-.000064	-.001813	.0001725	-.019335	-.004185	-.000396

Sample Name: ICB Acquired: 3/19/2018 13:38:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) 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	.0010379	.0018838	.0000021
Stddev	.0016905	.0005816	.0000352
%RSD	162.8777	30.87111	1685.383

#1	-.000457	.0021816	-.000029
#2	.002872	.0012137	.000040
#3	.000699	.0022562	-.000004

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1711.436	3388.065	38072.81	4442.401	3942.344
Stddev	3.370	8.953	163.97	18.408	10.452
%RSD	.1969393	.2642450	.4306649	.4143758	.2651130

#1	1709.785	3385.230	38009.46	4444.322	3944.914
#2	1715.314	3398.092	38259.00	4459.773	3951.271
#3	1709.209	3380.873	37949.97	4423.108	3930.847

Sample Name: ICV Acquired: 3/19/2018 13:34:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) 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	.9274803	1.058006	.9242981	.9638123	.8954215	2.352141
Stddev	.0047245	.005218	.0048813	.0021474	.0035391	.019424
%RSD	.5093918	.4932162	.5281046	.2228055	.3952391	.8257903

#1	.9221941	1.062030	.9228334	.9625086	.8981020	2.373364
#2	.9289560	1.052110	.9203169	.9626375	.8914099	2.347813
#3	.9312908	1.059878	.9297440	.9662909	.8967526	2.335246

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4935607	.4949185	.4762983	10.20128	.5193037	.4782548
Stddev	.0009008	.0051471	.0030644	.03260	.0004675	.0023727
%RSD	.1825078	1.039983	.6433739	.3195287	.0900177	.4961070

#1	.4934275	.4985517	.4750364	10.23811	.5191807	.4772809
#2	.4945207	.4971753	.4740664	10.17616	.5198204	.4765240
#3	.4927340	.4890286	.4797921	10.18955	.5189101	.4809594

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5044550	5.188751	.5137304	5.705225	.4905476	.4746181
Stddev	.0019348	.029169	.0014812	.067717	.0032425	.0028425
%RSD	.3835513	.5621612	.2883219	1.186932	.6609906	.5988985

#1	.5043296	5.158725	.5128984	5.630032	.4892588	.4775492
#2	.5064495	5.190548	.5128523	5.724243	.4881476	.4744316
#3	.5025859	5.216980	.5154405	5.761399	.4942363	.4718734

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.470940	.5173873	1.060986	9.266545	F .0162861	F -.001099
Stddev	.413635	.0080370	.019542	.018165	.0015403	.001499
%RSD	4.367411	1.553388	1.841872	.1960282	9.458002	136.3979

#1	9.716152	.5228293	1.070523	9.250851	.0146656	-.002829
#2	9.703296	.5211765	1.038507	9.286443	.0164615	-.000204
#3	8.993374	.5081562	1.073929	9.262340	.0177313	-.000263

Sample Name: ICV Acquired: 3/19/2018 13:34:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) 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 .0002606	-.009759	-.001837	F -.000976	-.000057	.0005271
Stddev	.0002461	.004145	.000801	.001197	.001401	.0024872
%RSD	94.45464	42.47999	43.59632	122.6206	2478.720	471.8706

#1	-.000014	-.004995	-.002176	-.001711	.001081	-.002302
#2	.000461	-.011733	-.000923	-.001621	-.001621	.001515
#3	.000335	-.012547	-.002413	.000405	.000371	.002368

Elem	Sr4077
Units	ppm
Avg	.0116587
Stddev	.0000300
%RSD	.2575555

#1	.0116242
#2	.0116722
#3	.0116795

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1662.900	3376.384	37214.04	4416.760	3838.695
Stddev	11.756	10.619	123.61	31.470	11.375
%RSD	.7069304	.3144953	.3321471	.7125041	.2963350

#1	1650.869	3384.330	37077.88	4394.209	3841.737
#2	1674.359	3380.498	37319.17	4403.360	3848.241
#3	1663.473	3364.324	37245.07	4452.712	3826.108

Sample Name: S6 Acquired: 3/19/2018 13:23:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S06 Custom ID2: Custom ID3:
Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	68.768	54.206	24.214	9.7458	6.8242
Stddev	.527	.299	.126	.0549	.0066
%RSD	.76645	.55152	.51831	.56294	.09696

#1	69.175	54.484	24.349	9.8043	6.8244
#2	68.956	54.243	24.191	9.7376	6.8307
#3	68.173	53.890	24.101	9.6955	6.8175

Int. Std.	Y_3710
Units	Cts/S
Avg	4084.5
Stddev	14.4
%RSD	.35132

#1	4073.6
#2	4079.1
#3	4100.7

Sample Name: S5 Acquired: 3/19/2018 13:19:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.44724	.72353	11.848	.61481	1.4442	25.089	72.495	6.6783
Stddev	.00224	.00230	.058	.00410	.0071	.154	1.049	.0676
%RSD	.50146	.31757	.48999	.66752	.49161	.61214	1.4476	1.0125

#1	.44713	.72341	11.799	.61390	1.4440	25.193	73.699	6.7413
#2	.44505	.72130	11.833	.61123	1.4371	25.160	71.778	6.6867
#3	.44954	.72589	11.912	.61929	1.4513	24.912	72.007	6.6068

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	16.994	32.533	4.8184	5.0259	5.5377	8.7068	14.659	5.8502
Stddev	.083	.087	.0071	.0262	.0140	.0236	.027	.0206
%RSD	.48761	.26696	.14680	.52072	.25230	.27100	.18669	.35202

#1	16.932	32.485	4.8263	5.0055	5.5484	8.6796	14.629	5.8303
#2	16.962	32.633	4.8126	5.0167	5.5427	8.7201	14.666	5.8714
#3	17.088	32.480	4.8163	5.0554	5.5219	8.7208	14.683	5.8489

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	2.8313	1.0210	2.3583	.38216	3.0570	8.6907	.42371	6.1471
Stddev	.0168	.0026	.0208	.00274	.0353	.0407	.00113	.0748
%RSD	.59280	.25083	.88345	.71790	1.1541	.46780	.26776	1.2164

#1	2.8176	1.0223	2.3687	.38377	3.0285	8.7134	.42265	6.2230
#2	2.8264	1.0180	2.3718	.38372	3.0460	8.7150	.42358	6.1449
#3	2.8500	1.0226	2.3343	.37900	3.0964	8.6438	.42491	6.0735

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	8.2188	.32434	6.1643	1.0560	4.2855	14.591	127.83	
Stddev	.0369	.00133	.0684	.0051	.0212	.080	.22	
%RSD	.44869	.41119	1.1092	.47974	.49505	.54904	.17057	

#1	8.2105	.32280	6.2291	1.0509	4.2974	14.595	127.84	
#2	8.1868	.32505	6.1709	1.0559	4.2981	14.668	127.60	
#3	8.2591	.32517	6.0928	1.0610	4.2611	14.508	128.04	

Sample Name: S5 Acquired: 3/19/2018 13:19:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1285.9	2682.8	32248.	4141.8	2817.9
Stddev	5.8	10.6	52.	45.3	11.4
%RSD	.45266	.39572	.16237	1.0933	.40526
#1	1292.1	2682.6	32301.	4107.8	2826.6
#2	1285.1	2693.4	32247.	4124.5	2822.1
#3	1280.6	2672.2	32196.	4193.2	2805.0

Sample Name: S4 Acquired: 3/19/2018 13:15:46 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.21730	.38079	6.0225	.29878	.70343	12.717	37.801	3.4377
Stddev	.00065	.00021	.0166	.00042	.00150	.056	.098	.0149
%RSD	.29989	.05563	.27554	.14217	.21265	.44372	.26032	.43448

#1	.21753	.38067	6.0139	.29877	.70323	12.778	37.871	3.4546
#2	.21657	.38104	6.0119	.29835	.70205	12.705	37.688	3.4322
#3	.21781	.38067	6.0416	.29920	.70502	12.667	37.844	3.4263

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	8.7825	17.033	2.5670	2.5834	2.8712	4.6023	7.7843	2.9928
Stddev	.0175	.041	.0112	.0084	.0066	.0182	.0287	.0099
%RSD	.19974	.23914	.43423	.32493	.22870	.39484	.36860	.33004

#1	8.7865	17.046	2.5542	2.5787	2.8762	4.6012	7.7642	2.9905
#2	8.7633	16.987	2.5736	2.5785	2.8737	4.5847	7.7715	2.9843
#3	8.7977	17.065	2.5733	2.5931	2.8638	4.6210	7.8171	3.0036

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	1.4617	.52171	1.1976	.19705	1.5787	4.4568	.21109	3.2638
Stddev	.0035	.00206	.0063	.00107	.0064	.0040	.00019	.0076
%RSD	.23959	.39563	.52281	.54487	.40596	.09014	.08797	.23291

#1	1.4616	.51939	1.2037	.19827	1.5791	4.4557	.21089	3.2715
#2	1.4583	.52240	1.1978	.19665	1.5721	4.4612	.21125	3.2636
#3	1.4653	.52334	1.1912	.19623	1.5849	4.4534	.21112	3.2563

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	4.0946	.15955	3.2269	.54430	2.2273	7.4458	66.558	
Stddev	.0092	.00015	.0118	.00137	.0101	.0391	.223	
%RSD	.22534	.09475	.36444	.25173	.45185	.52577	.33531	

#1	4.0993	.15939	3.2404	.54461	2.2372	7.4896	66.808	
#2	4.0840	.15969	3.2213	.54280	2.2278	7.4142	66.486	
#3	4.1005	.15956	3.2189	.54549	2.2171	7.4336	66.379	

Sample Name: S4 Acquired: 3/19/2018 13:15:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1411.4	2948.3	33362.	4243.9	3044.7
Stddev	9.3	7.1	152.	20.2	10.3
%RSD	.65550	.24125	.45549	.47639	.33915
#1	1406.8	2950.0	33511.	4221.0	3050.2
#2	1422.1	2954.3	33370.	4251.9	3051.0
#3	1405.4	2940.4	33207.	4259.0	3032.8

Sample Name: S3 Acquired: 3/19/2018 13:11:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.10614	.19422	2.9896	.14830	.34330	6.2914	18.806	1.7485
Stddev	.00137	.00333	.0375	.00233	.00398	.0149	.020	.0151
%RSD	1.2887	1.7122	1.2553	1.5694	1.1584	.23651	.10622	.86481

#1	.10475	.19134	2.9660	.14713	.33985	6.2742	18.783	1.7659
#2	.10748	.19786	3.0329	.15098	.34765	6.2989	18.819	1.7411
#3	.10619	.19346	2.9700	.14680	.34240	6.3009	18.816	1.7386

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.4056	8.5887	1.3033	1.2934	1.4396	2.3545	3.9534	1.4942
Stddev	.0568	.0092	.0018	.0170	.0054	.0047	.0106	.0047
%RSD	1.2888	.10758	.13828	1.3110	.37546	.20032	.26916	.31692

#1	4.3702	8.5992	1.3013	1.2818	1.4446	2.3595	3.9651	1.4906
#2	4.4711	8.5852	1.3037	1.3128	1.4339	2.3501	3.9444	1.4924
#3	4.3754	8.5817	1.3048	1.2855	1.4405	2.3539	3.9506	1.4995

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	.73321	.26414	.60377	.09901	.77078	2.2599	.10251	1.6851
Stddev	.00954	.00101	.00186	.00051	.00945	.0018	.00206	.0099
%RSD	1.3012	.38072	.30810	.51157	1.2255	.08154	2.0060	.58656

#1	.72789	.26420	.60555	.09870	.76658	2.2594	.10046	1.6962
#2	.74422	.26511	.60184	.09873	.78159	2.2584	.10457	1.6818
#3	.72751	.26310	.60392	.09959	.76416	2.2620	.10250	1.6773

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	2.0451	.07821	1.6669	.27258	1.1292	3.7106	33.576	
Stddev	.0280	.00144	.0119	.00355	.0009	.0153	.059	
%RSD	1.3674	1.8375	.71567	1.3017	.07742	.41112	.17538	

#1	2.0311	.07688	1.6807	.27021	1.1297	3.6954	33.512	
#2	2.0773	.07974	1.6610	.27666	1.1282	3.7259	33.628	
#3	2.0269	.07801	1.6592	.27086	1.1297	3.7105	33.589	

Sample Name: S3 Acquired: 3/19/2018 13:11:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1512.3	3127.0	34628.	4312.1	3262.4
Stddev	3.7	32.2	54.	31.2	32.8
%RSD	.24387	1.0298	.15611	.72266	1.0053
#1	1511.4	3137.1	34665.	4284.6	3276.0
#2	1509.1	3091.0	34566.	4345.9	3225.0
#3	1516.3	3153.0	34652.	4305.6	3286.2

Sample Name: S2 Acquired: 3/19/2018 13:07:58 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05135	.09653	1.4613	.07283	.16842	3.1042	9.3156	.88568
Stddev	.00006	.00025	.0043	.00006	.00056	.0072	.0154	.00835
%RSD	.11755	.26042	.29672	.08129	.33011	.23194	.16529	.94299

#1	.05138	.09640	1.4632	.07280	.16882	3.1037	9.3130	.87987
#2	.05138	.09636	1.4644	.07279	.16865	3.1116	9.3017	.88191
#3	.05128	.09682	1.4563	.07290	.16779	3.0972	9.3321	.89525

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	2.1624	4.3410	.65676	.63074	.71716	1.1897	1.9981	.74577
Stddev	.0081	.0179	.00057	.00268	.00079	.0058	.0151	.00235
%RSD	.37698	.41255	.08681	.42523	.10971	.49067	.75713	.31489

#1	2.1672	4.3315	.65633	.63089	.71675	1.1829	1.9808	.74325
#2	2.1670	4.3299	.65655	.63334	.71806	1.1930	2.0049	.74613
#3	2.1530	4.3617	.65741	.62798	.71666	1.1930	2.0087	.74791

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	.35946	.12931	.30157	.04966	.37757	1.1698	.04847	.85197
Stddev	.00149	.00064	.00094	.00094	.00435	.0025	.00049	.00803
%RSD	.41545	.49807	.31271	1.8988	1.1516	.21481	1.0083	.94234

#1	.36026	.12876	.30263	.05051	.37607	1.1726	.04798	.84557
#2	.36039	.12914	.30126	.04983	.38247	1.1691	.04849	.84936
#3	.35774	.13002	.30082	.04865	.37417	1.1677	.04895	.86098

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	1.0044	.03851	.86037	.13273	.56056	1.8412	16.580
Stddev	.0015	.00015	.00691	.00038	.00304	.0049	.036
%RSD	.15108	.40187	.80352	.28960	.54146	.26598	.21684

#1	1.0056	.03865	.85436	.13315	.56009	1.8445	16.605
#2	1.0050	.03855	.85882	.13266	.56380	1.8436	16.596
#3	1.0027	.03834	.86792	.13239	.55778	1.8356	16.539

Sample Name: S2 Acquired: 3/19/2018 13:07:58 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1566.1	3262.6	35166.	4321.3	3464.5
Stddev	5.9	4.6	109.	28.0	8.7
%RSD	.37796	.13994	.30902	.64732	.25081
#1	1564.1	3257.9	35112.	4312.7	3463.5
#2	1572.7	3262.8	35291.	4352.6	3456.4
#3	1561.4	3267.0	35094.	4298.7	3473.7

Sample Name: S1 Acquired: 3/19/2018 13:03:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00031	.00171	.00201	.00229	.00807	.01717	.74311	.03436
Stddev	.00015	.00024	.00009	.00012	.00014	.00097	.00220	.00045
%RSD	47.693	14.155	4.3569	5.2169	1.7754	5.6756	.29669	1.3151

#1	.00041	.00199	.00202	.00237	.00796	.01741	.74159	.03430
#2	.00014	.00156	.00209	.00216	.00802	.01610	.74211	.03394
#3	.00038	.00158	.00191	.00236	.00823	.01801	.74564	.03484

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	.01703	.35725	.00169	.04809	.00563	.00350	.00848	.05994
Stddev	.00014	.00199	.00005	.00027	.00027	.00052	.00015	.00028
%RSD	.80302	.55642	3.0215	.56545	4.7758	14.738	1.7428	.47264

#1	.01695	.35498	.00163	.04794	.00532	.00321	.00832	.05969
#2	.01695	.35865	.00170	.04791	.00579	.00320	.00851	.05988
#3	.01719	.35813	.00173	.04840	.00577	.00410	.00861	.06025

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	.02121	.00405	.04050	.00416	.00585	.23463	-.00036	.01565
Stddev	.00011	.00021	.00168	.00008	.00056	.00146	.00006	.00055
%RSD	.50557	5.2044	4.1584	1.8095	9.5629	.62062	16.108	3.5373

#1	.02132	.00418	.04036	.00409	.00567	.23295	-.00042	.01584
#2	.02111	.00416	.03890	.00416	.00648	.23555	-.00034	.01609
#3	.02121	.00381	.04226	.00424	.00541	.23539	-.00031	.01503

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	.00831	.00508	.06674	.00083	.04362	.07852	1.2927	
Stddev	.00007	.00002	.00164	.00011	.00012	.00212	.0081	
%RSD	.81696	.36488	2.4560	13.409	.27064	2.6964	.62755	

#1	.00828	.00507	.06704	.00074	.04374	.07732	1.2836	
#2	.00838	.00507	.06497	.00095	.04359	.08096	1.2955	
#3	.00826	.00510	.06820	.00079	.04351	.07727	1.2991	

Sample Name: S1 Acquired: 3/19/2018 13:03:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1638.4	3433.7	36505.	4356.3	3889.6
Stddev	22.7	16.9	303.	34.9	13.1
%RSD	1.3884	.49245	.82992	.80158	.33644
#1	1621.5	3453.1	36328.	4358.9	3904.5
#2	1629.5	3426.2	36333.	4389.9	3884.6
#3	1664.3	3421.9	36855.	4320.2	3879.8

Sample Name: S0 Acquired: 3/19/2018 12:59:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00006	-.00030	-.00034	.00023	.00043	.00127	.00229	-.00296
Stddev	.00009	.00013	.00016	.00007	.00012	.00051	.00226	.00004
%RSD	158.63	42.298	47.301	31.586	28.517	40.622	98.655	1.2338

#1	-.00003	-.00031	-.00037	.00031	.00029	.00095	-.00002	-.00295
#2	-.00015	-.00017	-.00049	.00020	.00053	.00099	.00238	-.00293
#3	.00001	-.00043	-.00017	.00017	.00045	.00186	.00449	-.00300

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	-.00004	.00294	-.00002	-.00020	.00065	.00004	-.00007	-.00007
Stddev	.00015	.00053	.00010	.00025	.00030	.00025	.00041	.00021
%RSD	359.23	18.014	543.29	126.23	47.093	626.62	593.49	291.61

#1	.00002	.00344	.00010	-.00040	.00096	-.00012	.00018	-.00030
#2	.00006	.00300	-.00011	-.00029	.00035	-.00008	.00016	.00013
#3	-.00021	.00238	-.00005	.00009	.00063	.00032	-.00054	-.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	-.00172	-.00024	.00344	.00002	-.00056	.09487	-.00103	.01030
Stddev	.00003	.00009	.00174	.00008	.00019	.00152	.00008	.00041
%RSD	1.8543	36.130	50.689	505.98	33.048	1.6070	7.4513	3.9558

#1	-.00168	-.00034	.00503	-.00003	-.00044	.09363	-.00112	.01033
#2	-.00174	-.00018	.00158	-.00003	-.00048	.09441	-.00097	.00988
#3	-.00173	-.00020	.00371	.00011	-.00078	.09657	-.00102	.01070

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	.00020	.00259	.00710	.00029	.00049	.00867	-.00409	
Stddev	.00015	.00010	.00025	.00013	.00041	.00284	.00102	
%RSD	74.001	3.8291	3.5717	44.943	83.454	32.718	24.906	

#1	.00009	.00268	.00696	.00017	.00004	.01191	-.00458	
#2	.00036	.00248	.00696	.00028	.00058	.00667	-.00292	
#3	.00014	.00262	.00740	.00043	.00084	.00742	-.00476	

Sample Name: S0 Acquired: 3/19/2018 12:59:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1619.8	3439.4	35886.	4276.0	3900.4
Stddev	14.4	27.0	66.	24.8	24.1
%RSD	.89202	.78637	.18257	.57982	.61663
#1	1622.1	3443.7	35879.	4302.6	3900.5
#2	1633.0	3464.1	35954.	4253.6	3924.5
#3	1604.4	3410.5	35824.	4271.6	3876.4

Sample Name: J1961-05 Acquired: 3/19/2018 14:47:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111432	.0010228	.0576303	-.000636	.0018124	140.5226	.1817574
Stddev	.0017507	.0003232	.0024653	.001592	.0021448	.6315	.0005067
%RSD	15.71097	31.59734	4.277879	250.2462	118.3397	.4493822	.2787613

#1	.0091322	.0008845	.0553068	-.002303	.0041632	139.8284	.1814153
#2	.0123266	.0013921	.0602164	.000870	-.000038	140.6763	.1815175
#3	.0119709	.0007918	.0573676	-.000476	.001312	141.0629	.1823395

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021066	-.000599	5.902908	.0883411	.0145063	.0212450	30.62061
Stddev	.0000455	.000043	.015007	.0007511	.0002459	.0021436	.06927
%RSD	2.161653	7.201007	.2542313	.8501960	1.695305	10.09001	.2262176

#1	.0020635	-.000649	5.888584	.0884450	.0145351	.0237200	30.66362
#2	.0021542	-.000574	5.901624	.0890347	.0147366	.0200359	30.54070
#3	.0021020	-.000575	5.918515	.0875434	.0142473	.0199791	30.65750

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4229831	1.724150	.0301208	.0002221	.2024565	.0961387	.1228982
Stddev	.0023289	.006821	.0005219	.0003021	.1257204	.0027232	.0058672
%RSD	.5505838	.3956059	1.732778	135.9749	62.09750	2.832564	4.774012

#1	.4242683	1.719274	.0296920	.0000933	.2940572	.0937737	.1230675
#2	.4202948	1.721231	.0307019	.0005673	.2541888	.0955266	.1169482
#3	.4243862	1.731944	.0299684	.0000058	.0591235	.0991159	.1286788

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.00902	.4051688	-.004228	.0016531	.5348364	3.237154	.0037957
Stddev	.03331	.0061374	.000928	.0001670	.0111284	.021022	.0008808
%RSD	3.301264	1.514776	21.94028	10.10443	2.080702	.6493868	23.20643

#1	-.99224	.3994023	-.004916	.0017812	.5347276	3.252393	.0037699
#2	-.98743	.4116197	-.004593	.0017138	.5460188	3.245897	.0029280
#3	-1.04738	.4044843	-.003173	.0014642	.5237629	3.213172	.0046891

Sample Name: J1961-05 Acquired: 3/19/2018 14:47:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1010 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3665574	.0025521	.0426658
Stddev	.0153831	.0012664	.0002944
%RSD	4.196632	49.62137	.6899394

#1	.3609124	.0021879	.0424039
#2	.3547943	.0039606	.0426093
#3	.3839655	.0015076	.0429844

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1816.321	3606.120	40066.00	4845.595	3846.758
Stddev	17.247	29.775	115.19	16.737	38.032
%RSD	.9495641	.8256933	.2875126	.3454001	.9886713

#1	1827.871	3625.621	40115.47	4828.237	3872.169
#2	1824.598	3571.846	40148.19	4861.632	3803.034
#3	1796.496	3620.892	39934.33	4846.917	3865.070

Sample Name: CCB053 Acquired: 3/19/2018 16:14:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000537	.0015701	.0001044	.0002808	-.000499	-.004105	-.000919
Stddev	.002312	.0009038	.0002744	.0025473	.000491	.003876	.000262
%RSD	430.1477	57.56643	262.8630	907.2396	98.44975	94.42185	28.51683

#1	-.001817	.0012741	.0004127	.0022801	-.000202	-.007921	-.001001
#2	-.001926	.0008513	-.000113	.0011495	-.001066	-.004221	-.000626
#3	.002131	.0025848	.000013	-.002587	-.000229	-.000172	-.001131

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000036	-.000060	-.006206	-.000315	.0000897	-.002690	.0070817
Stddev	.000015	.000020	.006740	.000590	.0000490	.002045	.0024280
%RSD	42.94117	33.50898	108.6128	187.4737	54.55841	76.00948	34.28558

#1	-.000033	-.000049	-.013827	.000197	.0001430	-.003474	.0077765
#2	-.000053	-.000047	-.003762	-.000961	.0000797	-.000369	.0090866
#3	-.000022	-.000083	-.001028	-.000181	.0000466	-.004227	.0043821

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001034	-.021119	.0004224	.0003045	.2083897	-.001952	-.000118
Stddev	.0005936	.003602	.0003769	.0003406	.2892527	.003588	.004083
%RSD	574.0826	17.05773	89.23049	111.8323	138.8038	183.8370	3460.303

#1	-.000562	-.021581	.0008570	.0006735	.0469070	-.005673	-.001220
#2	.000292	-.024469	.0002262	.0000023	.0359322	.001485	-.003537
#3	.000580	-.017308	.0001841	.0002378	.5423297	-.001666	.004403

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.394497	.0010109	-.003382	.0000626	-.022132	-.005699	-.001290
Stddev	.053648	.0014960	.001254	.0002073	.002111	.000737	.000449
%RSD	13.59914	147.9847	37.06783	331.2248	9.539642	12.94130	34.76588

#1	-.334935	.0017727	-.002201	.0002612	-.020110	-.006402	-.000834
#2	-.409533	.0019727	-.004697	.0000790	-.021963	-.005763	-.001306
#3	-.439023	-.000713	-.003247	-.000152	-.024323	-.004931	-.001731

Sample Name: CCB053 Acquired: 3/19/2018 16:14:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB053 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002858	.0014743	.0000457
Stddev	.0004413	.0014131	.0000803
%RSD	154.3986	95.84879	175.6170

#1	.0007771	.0014682	-.000047
#2	-.000077	.0028904	.000094
#3	.000157	.0000642	.000090

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1742.593	3450.507	38788.01	4507.789	4027.511
Stddev	14.186	10.741	101.29	18.536	11.000
%RSD	.8140572	.3112790	.2611280	.4111978	.2731287

#1	1726.383	3440.552	38673.24	4506.389	4020.604
#2	1748.656	3461.890	38825.90	4489.993	4040.197
#3	1752.739	3449.079	38864.89	4526.985	4021.733

Sample Name: CCV053 Acquired: 3/19/2018 16:10:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.887306	4.757941	24.14813	4.952755	4.896054	392.5947	9.797829
Stddev	.016933	.012720	.00404	.013334	.013701	.6891	.029893
%RSD	.3464686	.2673433	.0167135	.2692304	.2798443	.1755137	.3050968

#1	4.905598	4.768248	24.15274	4.937442	4.911186	392.9741	9.811591
#2	4.884142	4.761850	24.14636	4.959021	4.892486	391.7994	9.818362
#3	4.872178	4.743726	24.14527	4.961802	4.884489	393.0107	9.763534

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4717740	2.410413	380.6514	15.00009	2.429169	14.89632	381.6942
Stddev	.0008768	.003567	.7207	.05059	.002869	.02117	1.5081
%RSD	.1858564	.1479645	.1893449	.3372956	.1181179	.1420999	.3950969

#1	.4707786	2.408558	380.7355	14.96401	2.432052	14.88845	381.2940
#2	.4724319	2.408157	381.3265	14.97834	2.429141	14.88022	383.3620
#3	.4721115	2.414525	379.8923	15.05792	2.426314	14.92030	380.4266

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.33981	379.0454	2.428980	1.199534	393.9835	2.524011	14.16774
Stddev	.03411	1.5481	.003900	.000883	1.1723	.010631	.13848
%RSD	.2378976	.4084245	.1605428	.0736456	.2975383	.4212011	.9774570

#1	14.33148	378.5520	2.432381	1.200210	394.6222	2.515245	14.28677
#2	14.37732	380.7801	2.424723	1.199859	392.6306	2.520953	14.20069
#3	14.31064	377.8041	2.429835	1.198535	394.6977	2.535836	14.01575

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.4328	4.899794	4.611065	4.871221	4.989661	4.588279	4.872414
Stddev	.3819	.008640	.019402	.003574	.019364	.035655	.001970
%RSD	.2572824	.1763288	.4207649	.0733768	.3880855	.7770943	.0404355

#1	148.4475	4.903599	4.594597	4.867275	4.977371	4.551689	4.873033
#2	148.0437	4.905879	4.632453	4.872147	5.011982	4.622920	4.874000
#3	148.8071	4.889905	4.606144	4.874242	4.979629	4.590229	4.870208

Sample Name: CCV053 Acquired: 3/19/2018 16:10:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV053 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.986883	4.980062	5.038644
Stddev	.006571	.007263	.001848
%RSD	.1317648	.1458341	.0366854

#1	4.991336	4.984685	5.038091
#2	4.979336	4.983810	5.040706
#3	4.989978	4.971691	5.037135

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1405.820	2856.570	33311.02	4297.410	2939.073
Stddev	7.032	9.692	92.64	13.758	6.607
%RSD	.5002403	.3392746	.2781157	.3201546	.2248092

#1	1397.703	2847.499	33213.08	4294.679	2932.398
#2	1409.672	2855.431	33397.25	4312.329	2939.212
#3	1410.085	2866.781	33322.74	4285.222	2945.610

Sample Name: J1968-01 Acquired: 3/19/2018 15:52:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000622	.0021114	.0007709	.0011348	-.001332	.0025409	.0010169
Stddev	.001877	.0006932	.0010226	.0012044	.000525	.0089824	.0003101
%RSD	301.5520	32.83180	132.6395	106.1323	39.40739	353.5081	30.49747

#1	-.002646	.0029091	.0018899	.0024972	-.001938	.0118376	.0011808
#2	.001062	.0017689	-.000115	.0006957	-.001061	-.006090	.0012107
#3	-.000284	.0016561	.000538	.0002115	-.000998	.001875	.0006592

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000516	-.000043	.0023234	-.000592	.0000598	-.000513	-.007199
Stddev	.0000307	.000050	.0040967	.000231	.0000227	.002776	.004537
%RSD	59.55324	116.3472	176.3245	38.92956	37.90905	541.5763	63.02605

#1	.0000228	-.000036	.0006951	-.000648	.0000814	.001166	-.008326
#2	.0000839	-.000096	-.000709	-.000790	.0000616	.001013	-.011067
#3	.0000480	.000003	.006984	-.000339	.0000362	-.003717	-.002205

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001300	-.027573	.0004292	.0001138	.0555223	-.003769	.0039832
Stddev	.0002654	.023526	.0005081	.0000655	.3065289	.003486	.0044085
%RSD	204.1650	85.32242	118.3818	57.53664	552.0821	92.47309	110.6774

#1	.0000444	-.000499	.0000561	.0001783	-.103322	-.005584	.0089569
#2	.0004276	-.039184	.0010079	.0001155	-.138983	.000249	.0005575
#3	-.000082	-.043036	.0002237	.0000475	.408872	-.005973	.0024351

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.40947	.0008621	-.011844	-.000050	-.044305	-.006991	-.001084
Stddev	.00756	.0017319	.001421	.000092	.001224	.000375	.000144
%RSD	.2216765	200.8953	12.00038	183.2857	2.762578	5.362631	13.25350

#1	-3.40110	.0025101	-.010699	-.000001	-.043367	-.006602	-.001154
#2	-3.41581	-.000943	-.013435	-.000156	-.043858	-.007021	-.000919
#3	-3.41149	.001019	-.011399	.000007	-.045689	-.007350	-.001180

Sample Name: J1968-01 Acquired: 3/19/2018 15:52:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016871	-.005492	-.000007
Stddev	.0007820	.000427	.000071
%RSD	46.35032	7.781092	1050.428

#1	.0019322	-.005011	.000049
#2	.0008119	-.005830	.000018
#3	.0023171	-.005634	-.000087

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1931.244	3777.318	42096.17	4749.228	4456.529
Stddev	1.463	60.178	88.88	60.272	68.657
%RSD	.0757586	1.593144	.2111411	1.269089	1.540584

#1	1929.590	3714.796	42104.66	4679.754	4385.780
#2	1931.773	3834.840	42003.35	4780.400	4522.882
#3	1932.368	3782.319	42180.50	4787.531	4460.925

Sample Name: PB107479BS Acquired: 3/19/2018 15:48:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198324	.0511647	.0186958	.0685161	.1091821	.4079289
Stddev	.0023896	.0018470	.0009926	.0027999	.0013938	.0098725
%RSD	12.04875	3.609807	5.309234	4.086517	1.276624	2.420154

#1	.0189040	.0498462	.0198368	.0654022	.1076396	.4052764
#2	.0180464	.0503724	.0180318	.0693201	.1095554	.3996536
#3	.0225469	.0532757	.0182187	.0708261	.1103513	.4188567

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3872850	.0102041	.0096643	10.13898	.0214590	.0921720
Stddev	.0009026	.0001641	.0000681	.04447	.0005108	.0004078
%RSD	.2330725	1.607931	.7044676	.4386518	2.380396	.4424409

#1	.3862638	.0103652	.0097044	10.09079	.0208809	.0925337
#2	.3876152	.0100372	.0095857	10.17844	.0218495	.0917300
#3	.3879762	.0102099	.0097029	10.14773	.0216466	.0922524

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0495643	.1983672	.0306397	9.477328	.0774237	.0193733
Stddev	.0049462	.0080080	.0001179	.045651	.0004985	.0001810
%RSD	9.979373	4.036950	.3846192	.4816886	.6438730	.9340586

#1	.0552330	.2066860	.0307395	9.519734	.0776894	.0191647
#2	.0473336	.1977045	.0306698	9.429008	.0768487	.0194880
#3	.0461263	.1907112	.0305097	9.483243	.0777332	.0194673

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.627074	.1012664	.1250573	9.230420	.0252615	.0113366
Stddev	.246701	.0037432	.0064008	.064369	.0016943	.0005333
%RSD	2.562570	3.696352	5.118298	.6973540	6.707180	4.704255

#1	9.523164	.0969946	.1309233	9.272976	.0270179	.0111763
#2	9.449326	.1028325	.1182304	9.156368	.0236369	.0109019
#3	9.908731	.1039722	.1260184	9.261916	.0251297	.0119317

Sample Name: PB107479BS Acquired: 3/19/2018 15:48:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201066	.1428880	.1740764	F .0131545	.2032197	.0952102
Stddev	.0002106	.0034560	.0003562	.0005789	.0029994	.0017159
%RSD	1.047518	2.418657	.2046167	4.400953	1.475958	1.802206

#1	.0200265	.1459068	.1739025	.0135017	.2066185	.0961650
#2	.0203455	.1436390	.1744862	.0124862	.2009435	.0932293
#3	.0199478	.1391183	.1738407	.0134756	.2020972	.0962363

Elem	Sr4077
Units	ppm
Avg	.2006710
Stddev	.0003853
%RSD	.1920035

#1	.2005085
#2	.2003936
#3	.2011110

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1737.126	3418.433	38480.50	4526.868	3919.261
Stddev	9.982	6.674	154.65	37.518	13.824
%RSD	.5746055	.1952494	.4018853	.8287779	.3527100

#1	1725.804	3419.009	38319.74	4490.265	3910.488
#2	1744.656	3424.801	38493.54	4525.101	3935.196
#3	1740.919	3411.489	38628.21	4565.238	3912.099

Sample Name: PB107479BL Acquired: 3/19/2018 15:44:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000662	.0020794	.0009554	.0002787	.0001628	.0034586	-.001031
Stddev	.0022330	.0004207	.0002013	.0025490	.0013841	.0065255	.001212
%RSD	3371.316	20.23276	21.07198	914.7730	850.2268	188.6739	117.5088

#1	-.001543	.0017921	.0007681	-.001183	-.001062	.0108353	-.001548
#2	-.000874	.0025623	.0009298	.003222	-.000114	.0011012	-.001899
#3	.002616	.0018838	.0011683	-.001203	.001664	-.001561	.000353

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	-.000007	.0048757	.0000176	-.000097	-.001114	.0009563
Stddev	.000013	.000088	.0127473	.0003060	.000153	.001846	.0116994
%RSD	45.94840	1224.627	261.4434	1740.242	157.9673	165.6925	1223.366

#1	-.000032	.000005	-.009471	.0000994	-.000274	.000883	.0128742
#2	-.000013	-.000100	.014900	.0002743	-.000021	-.002757	.0005063
#3	-.000037	.000073	.009198	-.000321	.000003	-.001469	-.010512

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000659	-.037582	-.000088	.0000798	.0536227	-.002470	-.001523
Stddev	.000838	.026680	.000218	.0003546	.1419140	.002750	.004563
%RSD	127.1379	70.99072	248.9253	444.4678	264.6528	111.3408	299.6169

#1	-.001164	-.016031	-.000148	-.000252	.1594605	.000544	-.006728
#2	.000308	-.029293	.000154	.000454	.1090474	-.004843	.001791
#3	-.001121	-.067423	-.000270	.000037	-.107640	-.003111	.000368

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.494071	.0034567	-.007814	.0000006	-.023184	-.006284	-.001304
Stddev	.035855	.0020969	.000653	.0001312	.004217	.001310	.000321
%RSD	7.257139	60.66150	8.354762	21887.69	18.19009	20.83935	24.61732

#1	-.452678	.0014102	-.007257	-.000133	-.025040	-.006592	-.000995
#2	-.513996	.0056006	-.007653	.000005	-.026156	-.004848	-.001635
#3	-.515539	.0033594	-.008532	.000130	-.018358	-.007413	-.001281

Sample Name: PB107479BL Acquired: 3/19/2018 15:44:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000192	-.001391	-.000006
Stddev	.002327	.001074	.000016
%RSD	1213.557	77.19721	276.8216

#1	-.001542	-.001632	.000012
#2	.002496	-.002323	-.000011
#3	-.001529	-.000217	-.000018

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1743.256	3443.349	38716.60	4521.575	4007.274
Stddev	12.757	55.317	170.61	14.172	60.722
%RSD	.7317965	1.606483	.4406710	.3134290	1.515284

#1	1755.682	3462.584	38611.55	4505.719	4041.152
#2	1730.192	3486.480	38624.79	4525.998	4043.499
#3	1743.895	3380.983	38913.46	4533.008	3937.172

Sample Name: CCB052 Acquired: 3/19/2018 15:40:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010403	.0018842	.0001862	-.002611	-.000282	.0032223	-.000106
Stddev	.0025043	.0008370	.0009702	.000254	.001577	.0079484	.000355
%RSD	240.7325	44.42243	521.0435	9.728904	559.1269	246.6648	335.4798

#1	.0014279	.0009307	.0005171	-.002695	.000829	.0120850	.000127
#2	.0033282	.0024976	.0009477	-.002326	.000412	.0008566	-.000514
#3	-.001635	.0022244	-.000906	-.002813	-.002088	-.003275	.000070

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000033	.0000251	-.012081	-.000316	-.000080	.0011343	.0041729
Stddev	.000077	.0000412	.008261	.000256	.000028	.0010648	.0081555
%RSD	232.4048	163.9694	68.37703	81.13939	34.86118	93.87107	195.4377

#1	.000036	.0000716	-.016117	-.000316	-.000111	.0022596	.0123930
#2	-.000117	.0000108	-.002578	-.000060	-.000057	.0010007	-.003916
#3	-.000018	-.000007	-.017549	-.000572	-.000072	.0001427	.004042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003724	-.035939	.0002642	.0002276	.0545165	.0000249	-.000093
Stddev	.0002426	.017188	.0003325	.0002637	.2607664	.0025457	.000776
%RSD	65.14118	47.82580	125.8615	115.8670	478.3253	10233.95	833.7512

#1	.0004868	-.019544	.0005474	.0000877	-.224495	-.002056	-.000962
#2	.0005366	-.053823	.0003471	.0005319	.292071	-.000732	.000530
#3	.0000938	-.034448	-.000102	.0000634	.095974	.002863	.000152

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.494137	.0021902	-.005039	.0001879	-.019921	-.006108	-.000260
Stddev	.020407	.0023671	.000371	.0002181	.003173	.001334	.000476
%RSD	4.129764	108.0780	7.366849	116.0246	15.93006	21.83953	183.2927

#1	-.514813	-.000501	-.004677	.0000533	-.022377	-.005054	.000154
#2	-.474011	.003948	-.005419	.0004395	-.016338	-.007608	-.000153
#3	-.493587	.003124	-.005021	.0000710	-.021048	-.005662	-.000780

Sample Name: CCB052 Acquired: 3/19/2018 15:40:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB052 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002375	-.003610	-.000005
Stddev	.0006612	.000538	.000107
%RSD	278.3747	14.91355	1950.148

#1	.0009698	-.004229	.000114
#2	-.000316	-.003345	-.000039
#3	.000059	-.003255	-.000092

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1748.363	3456.866	38826.23	4524.302	4029.560
Stddev	3.548	13.262	167.34	12.593	7.697
%RSD	.2029400	.3836336	.4310090	.2783480	.1910239

#1	1751.632	3442.066	38647.06	4538.821	4027.431
#2	1744.589	3467.672	38853.17	4517.749	4038.098
#3	1748.867	3460.859	38978.48	4516.337	4023.151

Sample Name: CCV052 Acquired: 3/19/2018 15:36:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CC V052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.957236	4.795450	24.40655	4.984407	4.963150	399.4728	9.904913
Stddev	.005357	.011747	.02510	.000726	.007226	1.5751	.007908
%RSD	.1080657	.2449549	.1028560	.0145740	.1456028	.3942865	.0798422

#1	4.959758	4.789560	24.40341	4.983581	4.966783	401.1747	9.905070
#2	4.951084	4.808977	24.38317	4.984692	4.954828	398.0664	9.896927
#3	4.960867	4.787814	24.43308	4.984947	4.967839	399.1775	9.912741

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4814450	2.428199	384.0326	15.12664	2.455763	15.08503	383.5382
Stddev	.0019841	.003415	.5402	.05093	.004658	.04270	1.3918
%RSD	.4121194	.1406563	.1406717	.3366826	.1896722	.2830464	.3628887

#1	.4833089	2.424580	384.4108	15.16539	2.454546	15.10790	382.0906
#2	.4793593	2.428650	383.4139	15.14556	2.451835	15.03577	384.8666
#3	.4816669	2.431366	384.2731	15.06895	2.460909	15.11143	383.6575

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.41802	381.0695	2.453621	1.211702	401.8064	2.564745	14.32410
Stddev	.03465	1.4043	.006704	.005545	2.5339	.019293	.19299
%RSD	.2403357	.3685122	.2732199	.4575983	.6306187	.7522328	1.347304

#1	14.37881	379.4641	2.450714	1.212810	404.4338	2.572809	14.39369
#2	14.43071	382.0700	2.448862	1.205688	399.3778	2.542728	14.10597
#3	14.44454	381.6742	2.461288	1.216610	401.6076	2.578697	14.47265

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.2485	4.950868	4.693236	4.904247	5.018694	4.710182	4.913021
Stddev	.2791	.015592	.015918	.010151	.015162	.019007	.005905
%RSD	.1845606	.3149375	.3391723	.2069738	.3021045	.4035285	.1201959

#1	151.4106	4.967769	4.710615	4.893606	5.033662	4.731291	4.916749
#2	150.9262	4.947794	4.689729	4.913823	5.019075	4.704833	4.906212
#3	151.4087	4.937042	4.679364	4.905311	5.003346	4.694424	4.916101

Sample Name: CCV052 Acquired: 3/19/2018 15:36:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CC V052 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.077725	5.057140	5.100991
Stddev	.017902	.020781	.011260
%RSD	.3525578	.4109141	.2207412

#1	5.097648	5.081134	5.113656
#2	5.062989	5.044972	5.097205
#3	5.072540	5.045313	5.092112

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1420.453	2854.738	33556.76	4275.264	2940.395
Stddev	12.966	5.412	187.77	14.649	2.534
%RSD	.9127942	.1895915	.5595472	.3426403	.0861927

#1	1416.744	2854.780	33484.01	4259.800	2937.918
#2	1434.870	2849.305	33770.01	4277.060	2940.283
#3	1409.746	2860.129	33416.25	4288.931	2942.983

Sample Name: J1961-16 Acquired: 3/19/2018 15:32:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0310225	.0030155	.2179365	.0018241	.0021897	41.36237	.4574110
Stddev	.0009180	.0006483	.0001443	.0023154	.0009347	.08247	.0010043
%RSD	2.959056	21.49958	.0662287	126.9344	42.68592	.1993724	.2195661

#1	.0310714	.0022741	.2178604	.0036644	.0031612	41.44976	.4566361
#2	.0319151	.0032966	.2178461	.0025836	.0012968	41.35140	.4570512
#3	.0300811	.0034759	.2181029	-.000776	.0021110	41.28593	.4585456

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020833	.0032481	4.522195	.0520757	.0100658	.0611035	45.35254
Stddev	.0000158	.0000715	.006655	.0006323	.0001410	.0007602	.10643
%RSD	.7593018	2.200253	.1471634	1.214246	1.401052	1.244065	.2346621

#1	.0020679	.0031662	4.518690	.0521121	.0099659	.0602774	45.30932
#2	.0020827	.0032979	4.529870	.0514260	.0102271	.0612597	45.47378
#3	.0020995	.0032801	4.518026	.0526891	.0100043	.0617735	45.27453

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5636490	2.578143	.0238312	.0008491	.5630263	.0667384	1.337572
Stddev	.0027235	.050821	.0003117	.0004680	.1380479	.0007312	.007125
%RSD	.4832000	1.971232	1.308047	55.10994	24.51891	1.095567	.5326667

#1	.5605169	2.578169	.0239178	.0013854	.4695252	.0664417	1.330413
#2	.5649702	2.527308	.0240906	.0005235	.4979717	.0675713	1.344662
#3	.5654600	2.628951	.0234854	.0006385	.7215819	.0662022	1.337641

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.885609	2.101954	-.007732	.0052814	.1965062	5.750488	.0330860
Stddev	.084135	.010827	.001367	.0002835	.0042614	.148457	.0007945
%RSD	9.500189	.5150928	17.68464	5.367685	2.168582	2.581648	2.401304

#1	-.982102	2.089468	-.008684	.0050776	.1916284	5.669512	.0325172
#2	-.827593	2.108745	-.008348	.0056052	.1983835	5.921826	.0327471
#3	-.847133	2.107648	-.006165	.0051615	.1995065	5.660126	.0339938

Sample Name: J1961-16 Acquired: 3/19/2018 15:32:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1004 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5270313	.0231627	.0328439
Stddev	.0084550	.0018357	.0005300
%RSD	1.604274	7.925090	1.613561

#1	.5363549	.0241653	.0324081
#2	.5248775	.0242787	.0326899
#3	.5198615	.0210440	.0334339

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1835.875	3603.452	40655.26	4799.886	3995.161
Stddev	14.104	19.572	122.16	16.161	22.305
%RSD	.7682374	.5431376	.3004755	.3366912	.5582972

#1	1844.877	3623.520	40795.56	4789.081	4016.866
#2	1819.620	3584.418	40572.44	4818.464	3972.301
#3	1843.126	3602.417	40597.78	4792.112	3996.315

Sample Name: J1961-13LX5 Acquired: 3/19/2018 15:28:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1002L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042732	.0017359	.0467136	-.000911	.0017397	5.725055	.0817911
Stddev	.0015667	.0004043	.0009659	.001972	.0003043	.018167	.0001539
%RSD	36.66303	23.29360	2.067750	216.5089	17.49152	.3173201	.1881323

#1	.0025807	.0021112	.0463270	-.002261	.0015779	5.711400	.0817077
#2	.0056727	.0017888	.0478129	.001352	.0015505	5.718092	.0816970
#3	.0045661	.0013077	.0460008	-.001824	.0020907	5.745674	.0819687

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003701	.0004988	1.919540	.0159344	.0016241	.0248010	7.637098
Stddev	.0000475	.0000221	.008588	.0003293	.0001372	.0021064	.038443
%RSD	12.83227	4.420109	.4474207	2.066734	8.450104	8.493150	.5033747

#1	.0003661	.0005242	1.921944	.0163060	.0017228	.0265551	7.593351
#2	.0004195	.0004848	1.910006	.0156786	.0014674	.0224648	7.652451
#3	.0003247	.0004874	1.926671	.0158187	.0016822	.0253831	7.665493

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1566055	.3743537	.0086069	.0003689	-.010688	.0149908	.2456699
Stddev	.0005912	.0050555	.0001142	.0003109	.144923	.0035358	.0058446
%RSD	.3775248	1.350465	1.326202	84.28460	1355.948	23.58671	2.379048

#1	.1568919	.3720402	.0085007	.0005242	-.023459	.0132392	.2404803
#2	.1569991	.3708689	.0087276	.0000109	-.148802	.0190605	.2445283
#3	.1559257	.3801520	.0085925	.0005715	.140198	.0126727	.2520010

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.721608	.5008916	-.010203	.0018669	.0269844	1.146802	.0036808
Stddev	.057384	.0016772	.000461	.0001475	.0026323	.030734	.0004610
%RSD	7.952269	.3348395	4.513242	7.901815	9.754867	2.680006	12.52532

#1	-.783333	.4994037	-.009791	.0017036	.0246761	1.162505	.0032375
#2	-.711612	.5005618	-.010119	.0019063	.0298511	1.111389	.0041578
#3	-.669879	.5027091	-.010700	.0019906	.0264259	1.166513	.0036472

Sample Name: J1961-13LX5 Acquired: 3/19/2018 15:28:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1002L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0943941	.0006533	.0074368
Stddev	.0061404	.0011039	.0000577
%RSD	6.505079	168.9756	.7756785

#1	.1010000	-.000618	.0073770
#2	.0933221	.001368	.0074921
#3	.0888603	.001210	.0074414

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1749.576	3493.679	39086.81	4599.636	4018.986
Stddev	12.759	9.519	166.49	24.460	7.498
%RSD	.7292711	.2724728	.4259421	.5317740	.1865545

#1	1764.149	3483.253	39276.39	4605.701	4010.577
#2	1744.169	3501.906	38964.40	4620.493	4024.973
#3	1740.412	3495.879	39019.63	4572.715	4021.409

Sample Name: J1961-15 Acquired: 3/19/2018 15:24:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1002S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0989729	.1094474	.2621782	.1092660	.2059477	31.31441	4.647228
Stddev	.0015761	.0030932	.0014224	.0012962	.0007051	.24324	.010216
%RSD	1.592409	2.826230	.5425160	1.186278	.3423447	.7767661	.2198267

#1	.1004140	.1058783	.2605828	.1106398	.2061036	31.58716	4.658412
#2	.0972898	.1111114	.2633138	.1080647	.2051777	31.23609	4.638389
#3	.0992150	.1113523	.2626379	.1090936	.2065616	31.11997	4.644882

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1047472	.1073973	9.801486	.4966169	1.043226	.6819486	37.67057
Stddev	.0005535	.0000669	.006010	.0010480	.000793	.0059834	.08521
%RSD	.5284618	.0622895	.0613216	.2110327	.0760533	.8773999	.2261856

#1	.1053862	.1073565	9.801367	.4956794	1.042435	.6834111	37.59890
#2	.1044146	.1073609	9.795536	.4964229	1.043221	.6753695	37.76478
#3	.1044409	.1074745	9.807555	.4977483	1.044022	.6870651	37.64804

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.858186	1.847294	1.069409	.1002665	.5228295	1.202256	2.277233
Stddev	.002374	.024341	.001356	.0003280	.2555818	.016681	.020612
%RSD	.1277529	1.317671	.1268163	.3271284	48.88434	1.387442	.9051492

#1	1.860845	1.852452	1.069751	.0999922	.2364554	1.220974	2.300102
#2	1.856281	1.868642	1.067915	.1001775	.7277776	1.196831	2.260088
#3	1.857431	1.820787	1.070562	.1006298	.6042557	1.188964	2.271509

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.24469	2.415707	-.007746	.0044835	.2026276	5.084128	.0214639
Stddev	.00714	.007398	.000275	.0000988	.0036794	.014829	.0016402
%RSD	.5738478	.3062597	3.551600	2.203826	1.815839	.2916650	7.641689

#1	-1.24053	2.407343	-.007459	.0043887	.1989374	5.067197	.0233445
#2	-1.25294	2.421394	-.008008	.0045858	.2026494	5.094805	.0207175
#3	-1.24061	2.418384	-.007770	.0044759	.2062961	5.090381	.0203296

Sample Name: J1961-15 Acquired: 3/19/2018 15:24:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1002S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4317775	.0150483	.0362463
Stddev	.0032669	.0007486	.0001376
%RSD	.7566192	4.974846	.3796998

#1	.4346745	.0152777	.0363288
#2	.4282366	.0142119	.0363226
#3	.4324214	.0156554	.0360874

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1791.399	3544.937	39815.69	4717.490	4012.996
Stddev	7.683	1.981	81.32	34.996	2.898
%RSD	.4288994	.0558743	.2042487	.7418251	.0722265

#1	1782.955	3544.491	39741.32	4681.421	4013.611
#2	1797.978	3547.103	39803.24	4719.747	4009.839
#3	1793.265	3543.217	39902.53	4751.303	4015.537

Sample Name: J1961-14 Acquired: 3/19/2018 15:20:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1002D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158285	.0013940	.2267552	.0013491	.0014743	27.72972	.3991483
Stddev	.0007117	.0018146	.0018669	.0011048	.0013122	.48549	.0074931
%RSD	4.496121	130.1689	.8233130	81.88754	89.00098	1.750801	1.877276

#1	.0163695	.0034161	.2246805	.0000974	.0022316	27.42267	.3944444
#2	.0150223	.0008586	.2282994	.0021883	.0022323	27.47705	.3952112
#3	.0160937	-.000093	.2272858	.0017617	-.000041	28.28944	.4077892

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015919	.0028299	10.49836	.0411179	.0082684	.1272542	35.99464
Stddev	.0000499	.0001176	.24372	.0003778	.0002421	.0018492	.72595
%RSD	3.134086	4.156944	2.321537	.9187901	2.928481	1.453165	2.016838

#1	.0016214	.0029075	10.41771	.0414510	.0083916	.1286789	35.68401
#2	.0016201	.0028878	10.30518	.0407074	.0079895	.1279193	35.47568
#3	.0015343	.0026946	10.77218	.0411953	.0084242	.1251644	36.82422

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7762526	1.890494	.0198970	.0008040	.4694293	.0528510	1.160078
Stddev	.0215556	.052369	.0002478	.0003624	.1011213	.0013722	.002491
%RSD	2.776885	2.770123	1.245475	45.07448	21.54133	2.596306	.2147350

#1	.7749725	1.876670	.0197006	.0004341	.3556912	.0512705	1.157692
#2	.7553655	1.846424	.0201754	.0008196	.5034235	.0535440	1.162662
#3	.7984197	1.948389	.0198150	.0011585	.5491730	.0537385	1.159881

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.20698	2.439790	-.006757	.0047284	.2076114	5.004140	.0214343
Stddev	.03439	.008106	.001281	.0003378	.0008729	.053257	.0007293
%RSD	2.849003	.3322421	18.95268	7.143634	.4204465	1.064265	3.402549

#1	-1.24633	2.433347	-.007669	.0045031	.2075369	5.017177	.0207992
#2	-1.19194	2.437131	-.005293	.0045653	.2085192	4.945574	.0212728
#3	-1.18268	2.448891	-.007308	.0051168	.2067781	5.049668	.0222308

Sample Name: J1961-14 Acquired: 3/19/2018 15:20:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1002D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4307141	.0139950	.0374246
Stddev	.0098979	.0003190	.0004707
%RSD	2.298021	2.279635	1.257669

#1	.4196301	.0143011	.0371119
#2	.4338421	.0140196	.0371959
#3	.4386700	.0136644	.0379659

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1773.271	3548.902	39425.50	4688.185	4015.870
Stddev	15.135	6.417	390.83	70.581	6.123
%RSD	.8535103	.1808114	.9913022	1.505502	.1524649

#1	1755.806	3542.122	38980.91	4707.312	4011.698
#2	1781.445	3549.704	39714.87	4747.231	4022.899
#3	1782.562	3554.881	39580.73	4610.012	4013.012

Sample Name: J1961-13 Acquired: 3/19/2018 15:16:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0182286	.0011878	.2256912	.0018266	.0014024	27.67683	.3967748
Stddev	.0028280	.0003963	.0004166	.0008702	.0023319	.06721	.0004959
%RSD	15.51397	33.36581	.1845738	47.63869	166.2844	.2428279	.1249895

#1	.0197225	.0007331	.2261034	.0014652	.0034694	27.73158	.3962027
#2	.0199963	.0014597	.2256998	.0011954	.0018633	27.69707	.3970393
#3	.0149670	.0013708	.2252704	.0028193	-.001126	27.60182	.3970824

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016068	.0028399	10.37816	.0406398	.0082538	.1275254	35.80546
Stddev	.0000214	.0000880	.07169	.0007903	.0002616	.0015124	.02433
%RSD	1.332323	3.098737	.6908128	1.944762	3.169316	1.185964	.0679520

#1	.0016132	.0027616	10.38415	.0407380	.0085279	.1277758	35.77856
#2	.0015829	.0028231	10.30366	.0398050	.0080068	.1288969	35.81189
#3	.0016243	.0029352	10.44667	.0413766	.0082268	.1259034	35.82593

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7705993	1.936669	.0197724	.0008098	.1462197	.0523014	1.151024
Stddev	.0029009	.015861	.0002636	.0004173	.2165883	.0046643	.010300
%RSD	.3764429	.8189988	1.333025	51.53290	148.1252	8.918055	.8948823

#1	.7690406	1.927571	.0194687	.0009464	-.103566	.0509301	1.139362
#2	.7688110	1.954984	.0199417	.0003413	.281871	.0484765	1.154835
#3	.7739463	1.927453	.0199067	.0011417	.260354	.0574976	1.158877

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.27173	2.467898	-.007353	.0044564	.2076494	5.078902	.0224012
Stddev	.08744	.020008	.002277	.0000904	.0041094	.052046	.0007161
%RSD	6.875808	.8107501	30.96375	2.028604	1.979019	1.024740	3.196596

#1	-1.19554	2.484025	-.009968	.0045576	.2091139	5.135487	.0220357
#2	-1.25245	2.445507	-.005808	.0044280	.2108259	5.033078	.0219416
#3	-1.36721	2.474161	-.006284	.0043837	.2030083	5.068142	.0232262

Sample Name: J1961-13 Acquired: 3/19/2018 15:16:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4449552	.0114381	.0373988
Stddev	.0247044	.0003833	.0002690
%RSD	5.552107	3.351181	.7191813

#1	.4734528	.0110285	.0377082
#2	.4318111	.0117881	.0372666
#3	.4296017	.0114977	.0372214

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1781.571	3544.463	39639.24	4680.023	3999.989
Stddev	9.095	5.205	134.62	30.471	9.802
%RSD	.5105141	.1468529	.3396197	.6510839	.2450628

#1	1773.433	3543.376	39504.42	4646.023	3992.002
#2	1779.892	3550.125	39773.67	4689.183	4010.928
#3	1791.389	3539.887	39639.62	4704.863	3997.036

Sample Name: J1916-01 Acquired: 3/19/2018 15:12:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0J17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047825	.0011971	.0035884	.0005139	-.000103	.2252346	.1311241
Stddev	.0026815	.0028082	.0003006	.0013240	.000695	.0048140	.0008336
%RSD	56.06799	234.5739	8.376549	257.6643	677.0911	2.137305	.6357098

#1	.0045236	.0027543	.0033206	-.000941	-.000882	.2197500	.1301687
#2	.0075841	.0028817	.0035310	.000834	.000119	.2271935	.1315010
#3	.0022399	-.002045	.0039135	.001649	.000455	.2287603	.1317027

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000495	.0000136	78.03754	.0001036	-.000911	.0019509	-.003620
Stddev	.0000634	.0000429	.36837	.0005037	.000091	.0016474	.009284
%RSD	128.2253	315.2529	.4720449	486.4255	9.942075	84.44109	256.4625

#1	.0001106	.0000622	77.62722	.0006131	-.000819	.0000487	-.008277
#2	.0000537	-.000019	78.14561	-.000394	-.001000	.0028995	-.009653
#3	-.000016	-.000002	78.33979	.000092	-.000914	.0029046	.007071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003153	24.97761	.0029805	.0002333	16.40491	.0018041	.0537395
Stddev	.0001499	.08938	.0005182	.0003497	.14763	.0035085	.0016328
%RSD	47.55262	.3578548	17.38736	149.8857	.8999170	194.4765	3.038283

#1	.0002147	24.92152	.0024159	.0004323	16.30278	-.001872	.0546088
#2	.0002436	24.93062	.0030911	-.000170	16.33778	.005117	.0547537
#3	.0004876	25.08069	.0034346	.000438	16.57418	.002168	.0518561

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.00739	.0225005	.0235221	.0009517	6.988865	6.499300	-.003777
Stddev	.06567	.0006104	.0007393	.0002247	.062697	.048024	.001352
%RSD	3.271212	2.712900	3.142907	23.61258	.8970916	.7389051	35.79081

#1	-1.94320	.0228662	.0242918	.0011782	6.985403	6.546215	-.005061
#2	-2.07444	.0228396	.0228176	.0007288	6.927970	6.501445	-.003906
#3	-2.00454	.0217958	.0234569	.0009482	7.053220	6.450239	-.002366

Sample Name: J1916-01 Acquired: 3/19/2018 15:12:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0J17 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003067	.0228016	.4947594
Stddev	.0004651	.0010966	.0007189
%RSD	151.6123	4.809432	.1453138

#1	.0002209	.0226379	.4951381
#2	-.000109	.0239709	.4952098
#3	.000809	.0217961	.4939303

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1783.400	3520.456	39216.63	4632.707	3976.623
Stddev	23.285	20.296	266.76	30.690	21.427
%RSD	1.305641	.5765254	.6802196	.6624676	.5388318

#1	1807.840	3534.215	39502.62	4601.418	3986.098
#2	1780.885	3530.005	39172.72	4662.761	3991.680
#3	1761.474	3497.146	38974.55	4633.942	3952.092

Sample Name: J1961-12 Acquired: 3/19/2018 15:08:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0236289	.0039922	.8514043	.0002549	.0047914	25.09120	.8124681
Stddev	.0019753	.0010400	.0006245	.0014925	.0022294	.09611	.0028193
%RSD	8.359648	26.04961	.0733454	585.5271	46.52840	.3830408	.3469981

#1	.0256320	.0038383	.8521046	.0012962	.0059605	24.99070	.8104143
#2	.0216826	.0030379	.8509055	-.001455	.0022207	25.10069	.8113077
#3	.0235720	.0051006	.8512028	.000923	.0061930	25.18222	.8156824

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016036	.0143117	25.90162	.0533129	.0091305	.1030140	37.50467
Stddev	.0000228	.0001179	.10044	.0011040	.0001918	.0029303	.06643
%RSD	1.423159	.8239630	.3877838	2.070734	2.101121	2.844583	.1771231

#1	.0016144	.0142196	25.82768	.0545501	.0093302	.1003084	37.57255
#2	.0015774	.0142708	25.86121	.0524284	.0091137	.1061265	37.43980
#3	.0016190	.0144446	26.01598	.0529601	.0089477	.1026071	37.50165

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.377923	1.993857	.0235651	.0016165	.4834523	.0402077	5.967973
Stddev	.002932	.016026	.0004461	.0002736	.2823728	.0033908	.053531
%RSD	.2127481	.8037729	1.893258	16.92487	58.40759	8.433160	.8969634

#1	1.376975	1.985005	.0239771	.0015855	.2980070	.0369425	5.987983
#2	1.381211	1.984210	.0236270	.0019043	.3439209	.0399694	5.907320
#3	1.375582	2.012357	.0230912	.0013598	.8084290	.0437114	6.008616

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.251716	4.723163	.0024855	.0024554	.9933091	4.670800	.2258232
Stddev	.006577	.029784	.0005989	.0002871	.0039941	.081366	.0013970
%RSD	2.612671	.6306025	24.09661	11.69408	.4021032	1.742022	.6186489

#1	-.259309	4.756557	.0031747	.0026335	.9944675	4.714669	.2272178
#2	-.247866	4.699345	.0021903	.0021242	.9965959	4.720818	.2244237
#3	-.247972	4.713586	.0020915	.0026085	.9888638	4.576913	.2258282

Sample Name: J1961-12 Acquired: 3/19/2018 15:08:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4183837	.0160872	.3051779
Stddev	.0183486	.0021608	.0008277
%RSD	4.385588	13.43170	.2712305

#1	.4105796	.0185610	.3044035
#2	.4052273	.0145686	.3050798
#3	.4393443	.0151320	.3060503

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1792.352	3559.444	39749.33	4692.459	3995.009
Stddev	5.630	12.636	54.40	7.003	10.004
%RSD	.3141009	.3550023	.1368618	.1492356	.2504181

#1	1786.050	3557.565	39694.84	4699.546	3992.349
#2	1794.121	3572.915	39749.51	4692.287	4006.074
#3	1796.884	3547.854	39803.64	4685.544	3986.603

Sample Name: J1961-09 Acquired: 3/19/2018 15:04:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199026	.0037503	.0429025	-.000169	.0018341	102.1398	.2563021
Stddev	.0035698	.0000691	.0029475	.001675	.0008020	.2852	.0015372
%RSD	17.93656	1.843309	6.870261	991.8387	43.72381	.2792064	.5997778

#1	.0176122	.0038125	.0395359	-.000173	.0009291	101.9620	.2559947
#2	.0180798	.0037626	.0441531	-.001842	.0024565	101.9887	.2549417
#3	.0240159	.0036759	.0450186	.001508	.0021168	102.4688	.2579698

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016388	-.000918	5.555775	.0586369	.0192291	.0339371	56.75187
Stddev	.0000068	.000030	.031064	.0002987	.0002539	.0041223	.14963
%RSD	.4133109	3.243605	.5591300	.5093796	1.320546	12.14691	.2636652

#1	.0016393	-.000933	5.563783	.0583065	.0191807	.0363560	56.74995
#2	.0016453	-.000884	5.521492	.0588878	.0190027	.0291773	56.60320
#3	.0016318	-.000938	5.582052	.0587164	.0195037	.0362780	56.90245

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2706924	1.687200	.0315376	.0009483	.5732949	.0834375	.1689461
Stddev	.0007025	.049796	.0001482	.0003186	.1477896	.0031390	.0101483
%RSD	.2595285	2.951421	.4700504	33.59139	25.77898	3.762043	6.006831

#1	.2714534	1.644098	.0316974	.0012497	.4668445	.0842261	.1690356
#2	.2700687	1.675791	.0315108	.0006150	.7420319	.0799794	.1790494
#3	.2705550	1.741710	.0314046	.0009802	.5110082	.0861069	.1587534

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.396697	.9149677	-.005871	.0045075	.1663893	2.988436	.0021272
Stddev	.062264	.0071435	.001226	.0001333	.0039205	.064061	.0004878
%RSD	15.69555	.7807394	20.87762	2.958254	2.356202	2.143631	22.93070

#1	-.342136	.9091946	-.004522	.0046608	.1619596	2.915207	.0020903
#2	-.383429	.9229565	-.006916	.0044436	.1694124	3.034106	.0016589
#3	-.464525	.9127521	-.006174	.0044182	.1677960	3.015994	.0026324

Sample Name: J1961-09 Acquired: 3/19/2018 15:04:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1034 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4868517	.0127360	.0333420
Stddev	.0042893	.0009467	.0002293
%RSD	.8810343	7.433040	.6876149

#1	.4841513	.0131989	.0332290
#2	.4846062	.0116470	.0331912
#3	.4917977	.0133622	.0336059

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1792.345	3552.246	39522.36	4699.290	3916.842
Stddev	16.788	4.792	236.65	43.050	4.511
%RSD	.9366228	.1348881	.5987773	.9160907	.1151817

#1	1787.327	3556.372	39465.77	4744.402	3920.392
#2	1778.639	3553.376	39319.13	4694.816	3911.765
#3	1811.069	3546.991	39782.17	4658.652	3918.367

Sample Name: J1961-08 Acquired: 3/19/2018 15:00:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1033 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224651	.0006492	.3575305	.0016564	.0014561	43.01956	.4273622
Stddev	.0012027	.0015516	.0006673	.0022957	.0019567	.07636	.0016865
%RSD	5.353847	239.0131	.1866457	138.5968	134.3771	.1774945	.3946327

#1	.0231583	.0017735	.3570166	.0034041	.0006157	42.96887	.4292646
#2	.0231606	-.001121	.3572901	.0025085	.0000601	43.10739	.4260507
#3	.0210762	.001295	.3582847	-.000944	.0036926	42.98243	.4267712

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019395	.0027064	6.608904	.0567486	.0069821	.0848729	44.63864
Stddev	.0000139	.0000395	.060922	.0001406	.0002459	.0017328	.24429
%RSD	.7168081	1.461158	.9218106	.2477625	3.521477	2.041612	.5472572

#1	.0019544	.0026741	6.679139	.0568727	.0069095	.0838799	44.91754
#2	.0019268	.0026946	6.570376	.0567772	.0072561	.0838649	44.46260
#3	.0019373	.0027505	6.577195	.0565959	.0067807	.0868737	44.53577

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2343455	2.526964	.0213254	.0003722	.5625890	.0751390	.7560552
Stddev	.0019976	.028162	.0002725	.0002230	.0697035	.0027288	.0067157
%RSD	.8524069	1.114442	1.278003	59.93152	12.38977	3.631713	.8882506

#1	.2365657	2.557937	.0210940	.0004194	.5293006	.0720283	.7508815
#2	.2337769	2.520055	.0212564	.0001293	.5157708	.0771293	.7636445
#3	.2326938	2.502899	.0216258	.0005678	.6426957	.0762593	.7536396

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.562965	2.542246	-.004731	.0031947	.1622899	5.073849	.0122828
Stddev	.027078	.024046	.002217	.0001488	.0034802	.054685	.0003525
%RSD	4.809846	.9458591	46.86839	4.658302	2.144453	1.077784	2.869508

#1	-.593126	2.537166	-.006153	.0033269	.1633673	5.013983	.0125057
#2	-.555023	2.521146	-.002176	.0030335	.1583984	5.086389	.0118765
#3	-.540747	2.568426	-.005864	.0032235	.1651040	5.121175	.0124663

Sample Name: J1961-08 Acquired: 3/19/2018 15:00:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1033 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4855442	.0170316	.0440766
Stddev	.0052509	.0008392	.0000595
%RSD	1.081438	4.927094	.1350497

#1	.4795278	.0164374	.0441174
#2	.4879015	.0179915	.0440083
#3	.4892033	.0166658	.0441041

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1776.738	3537.872	39403.63	4667.541	3950.731
Stddev	11.411	13.167	104.84	1.873	16.151
%RSD	.6422488	.3721768	.2660656	.0401178	.4088088

#1	1785.651	3532.689	39446.06	4667.319	3946.887
#2	1763.878	3552.842	39284.22	4669.514	3968.458
#3	1780.687	3528.086	39480.60	4665.789	3936.849

Sample Name: J1961-07 Acquired: 3/19/2018 14:55:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124718	.0018073	.0615107	.0011802	.0023959	130.9527	.2137993
Stddev	.0023302	.0017229	.0006668	.0006254	.0019738	.1664	.0002474
%RSD	18.68376	95.32710	1.084063	52.99179	82.38310	.1270494	.1157250

#1	.0135965	.0035364	.0608030	.0013367	.0043952	130.8166	.2136188
#2	.0097926	.0000907	.0616021	.0004914	.0004486	130.9033	.2136978
#3	.0140264	.0017948	.0621272	.0017124	.0023439	131.1382	.2140813

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021022	-.000614	5.542611	.0988796	.0152668	.0300233	39.14523
Stddev	.0000795	.000068	.012750	.0005655	.0002334	.0019265	.07526
%RSD	3.781261	11.10053	.2300311	.5718776	1.529080	6.416818	.1922591

#1	.0021887	-.000554	5.550479	.0983531	.0155346	.0311798	39.07195
#2	.0020324	-.000600	5.527901	.0994773	.0151595	.0277994	39.22233
#3	.0020853	-.000688	5.549453	.0988084	.0151064	.0310909	39.14142

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4925747	1.837207	.0312011	.0005991	.4627274	.1106460	.2446848
Stddev	.0005477	.012089	.0005620	.0003049	.2210355	.0026249	.0009290
%RSD	.1111823	.6580337	1.801149	50.88714	47.76798	2.372324	.3796916

#1	.4931185	1.832268	.0318494	.0008364	.2175134	.1107146	.2441054
#2	.4925825	1.850984	.0309005	.0002553	.6466474	.1132359	.2441926
#3	.4920232	1.828369	.0308533	.0007056	.5240214	.1079875	.2457564

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.883827	.6021538	-.003245	.0033372	.5143678	3.428100	.0042707
Stddev	.014008	.0061467	.000466	.0004012	.0046453	.006309	.0009963
%RSD	1.584964	1.020793	14.35356	12.02312	.9031157	.1840282	23.32765

#1	-.870863	.6065757	-.003098	.0035724	.5171575	3.422258	.0048832
#2	-.898687	.6047509	-.002870	.0028739	.5169407	3.427252	.0048078
#3	-.881932	.5951348	-.003766	.0035653	.5090053	3.434790	.0031212

Sample Name: J1961-07 Acquired: 3/19/2018 14:55:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC1012 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4772033	.0100862	.0383510
Stddev	.0041314	.0023686	.0000664
%RSD	.8657585	23.48394	.1731248

#1	.4819688	.0115928	.0383036
#2	.4746315	.0113097	.0384268
#3	.4750095	.0073560	.0383224

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.397	3647.902	40044.53	4799.132	3912.287
Stddev	4.958	18.714	242.13	30.123	25.712
%RSD	.2723577	.5130132	.6046563	.6276656	.6572149

#1	1815.956	3636.079	39899.73	4833.192	3889.037
#2	1819.490	3638.150	39909.81	4775.992	3907.923
#3	1825.747	3669.479	40324.06	4788.213	3939.902

Sample Name: J1961-06 Acquired: 3/19/2018 14:51:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122441	.0011478	.0157902	.0018118	.0000990	25.70832	.1016780
Stddev	.0020311	.0007313	.0010304	.0040123	.0014693	.49054	.0026458
%RSD	16.58844	63.71508	6.525488	221.4555	1484.829	1.908082	2.602136

#1	.0142793	.0015397	.0148817	-.001744	-.000254	25.42627	.0998805
#2	.0122359	.0015997	.0169098	.001017	.001712	25.42394	.1004373
#3	.0102171	.0003040	.0155791	.006162	-.001162	26.27474	.1047161

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025602	-.000824	.5173886	.0390843	.0082543	.0094006	55.86123
Stddev	.0001908	.000104	.0231502	.0001390	.0002821	.0029087	1.08089
%RSD	7.454290	12.64102	4.474422	.3556108	3.418050	30.94125	1.934964

#1	.0024070	-.000790	.5073593	.0392429	.0082720	.0119240	55.07023
#2	.0024995	-.000742	.5009442	.0390265	.0085272	.0100585	55.42061
#3	.0027739	-.000942	.5438622	.0389836	.0079637	.0062194	57.09283

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2454417	.8408745	.0147003	.0008689	.5644518	.0911992	.0374504
Stddev	.0041865	.0380470	.0004880	.0002116	.2055284	.0033804	.0041516
%RSD	1.705687	4.524698	3.319635	24.35630	36.41203	3.706599	11.08557

#1	.2416795	.8320079	.0144970	.0008315	.3838916	.0946536	.0380996
#2	.2446940	.8080436	.0143468	.0010968	.5213512	.0878980	.0412391
#3	.2499517	.8825718	.0152571	.0006785	.7881126	.0910461	.0330124

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.68831	1.048783	-.015107	.0041362	.0772207	1.702040	.0013331
Stddev	.02705	.014130	.006502	.0001565	.0031641	.121877	.0006081
%RSD	1.601985	1.347316	43.03958	3.783753	4.097497	7.160651	45.61434

#1	-1.71954	1.049662	-.010517	.0039877	.0792392	1.633340	.0015575
#2	-1.67258	1.062453	-.012256	.0042997	.0735741	1.630021	.0017971
#3	-1.67280	1.034233	-.022547	.0041212	.0788489	1.842758	.0006447

Sample Name: J1961-06 Acquired: 3/19/2018 14:51:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v461) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC1011 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3205304	.0088397	.0055812
Stddev	.0043847	.0004121	.0001180
%RSD	1.367949	4.662147	2.114499

#1	.3173123	.0091486	.0055122
#2	.3187543	.0089987	.0055140
#3	.3255245	.0083717	.0057175

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1782.324	3547.779	39607.59	4503.726	3999.433
Stddev	19.515	25.483	274.96	324.773	29.687
%RSD	1.094914	.7182703	.6942217	7.211211	.7422739

#1	1759.856	3543.097	39295.07	4703.374	3996.267
#2	1795.046	3524.962	39812.34	4678.825	3971.456
#3	1792.070	3575.278	39715.37	4128.978	4030.576