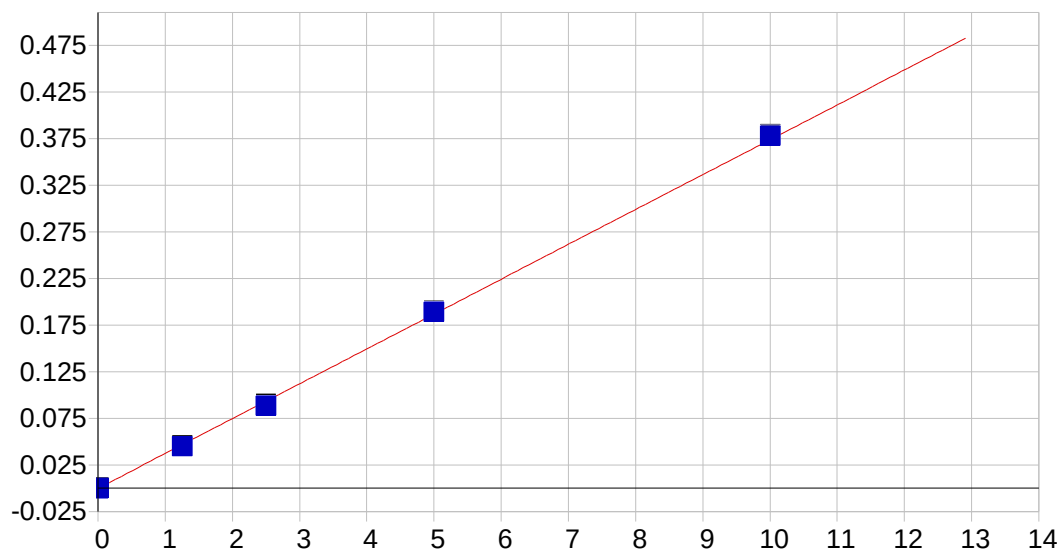


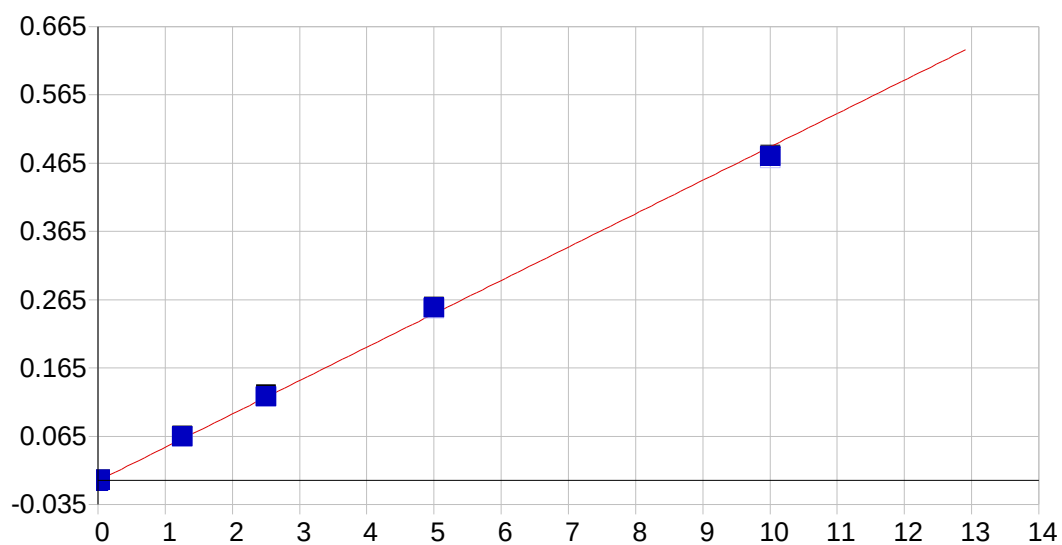


As 189.042 {479}

Date of Fit: 2/26/2018 11:37:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000044 Re-Slope: 1.000000
 A1 (Gain): 0.037363 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999699 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.002577
 Predicted MQL: 0.008591

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.01000	.00818	-.002	-18.2	.00026	.000	1
S2	1.2500	1.2041	-.046	-3.67	.04506	.000	1
S3	2.5000	2.3664	-.134	-5.35	.08859	.002	1
S4	5.0000	5.0668	.067	1.34	.18971	.001	1
S5	10.000	10.115	.115	1.15	.37875	.001	1



TI 190.856 {477}

Date of Fit: 2/26/2018 11:37:45

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000221

Re-Slope: 1.000000

A1 (Gain): 0.048907

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999485

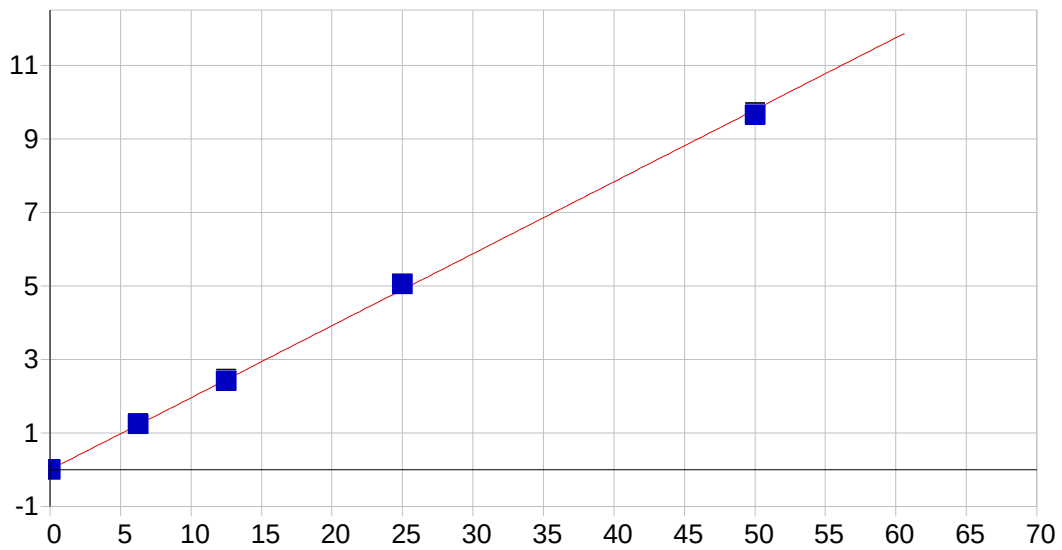
Status: OK.

Std Error of Est: 0.000041

Predicted MDL: 0.001823

Predicted MQL: 0.006077

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.02500	.02338	-.002	-6.47	.00090	.000	1
S2	1.2500	1.3212	.071	5.69	.06402	.001	1
S3	2.5000	2.5305	.030	1.22	.12280	.002	1
S4	5.0000	5.1822	.182	3.64	.25175	.001	1
S5	10.000	9.7177	-.282	-2.82	.47209	.002	1

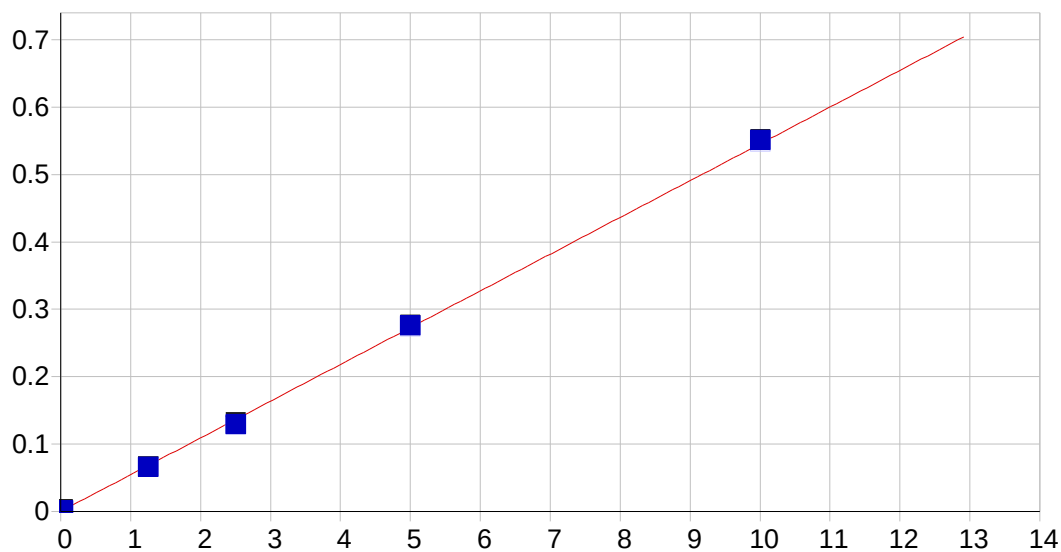


Pb 220.353 {453}

Date of Fit: 2/26/2018 11:37:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000068 Re-Slope: 1.000000
 A1 (Gain): 0.195774 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999813 Status: OK.
 Std Error of Est: 0.000142
 Predicted MDL: 0.001210
 Predicted MQL: 0.004034

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01000	.00849	-.002	-15.1	.00161	.000	1
S2	6.2500	6.3251	.075	1.20	1.2401	.012	1
S3	12.500	12.368	-.132	-1.05	2.4252	.042	1
S4	25.000	25.756	.756	3.03	5.0500	.010	1
S5	50.000	49.302	-.698	-1.40	9.6673	.041	1

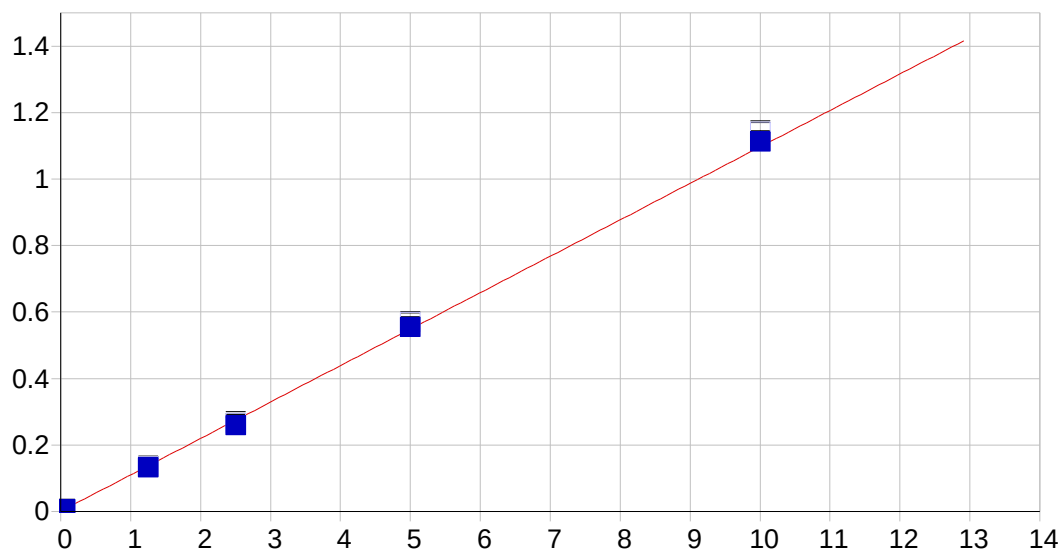


Se 196.090 {472}

Date of Fit: 2/26/2018 11:37:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000091 Re-Slope: 1.000000
 A1 (Gain): 0.054545 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999753 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.002453
 Predicted MQL: 0.008175

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.03500	.03509	.000	.244	.00200	.000	1
S2	1.2500	1.2147	-.035	-2.83	.06603	.001	1
S3	2.5000	2.3732	-.127	-5.07	.12890	.003	1
S4	5.0000	5.0565	.057	1.13	.27462	.001	1
S5	10.000	10.105	.105	1.05	.54874	.001	1

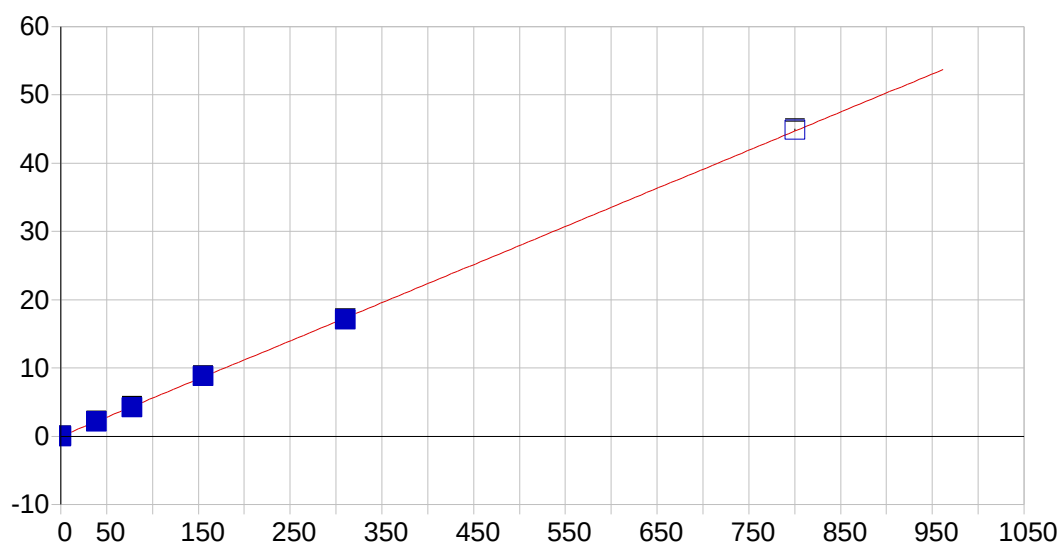


Sb 206.833 {463}

Date of Fit: 2/26/2018 11:37:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000397 Re-Slope: 1.000000
 A1 (Gain): 0.109632 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999664 Status: OK.
 Std Error of Est: 0.000120
 Predicted MDL: 0.001377
 Predicted MQL: 0.004589

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00040	.000	1
S1	.06000	.05356	-.006	-10.7	.00627	.000	1
S2	1.2500	1.1995	-.050	-4.04	.13563	.001	1
S3	2.5000	2.3590	-.141	-5.64	.26648	.004	1
S4	5.0000	5.0551	.055	1.10	.56952	.002	1
S5	10.000	10.143	.143	1.43	1.1422	.003	1

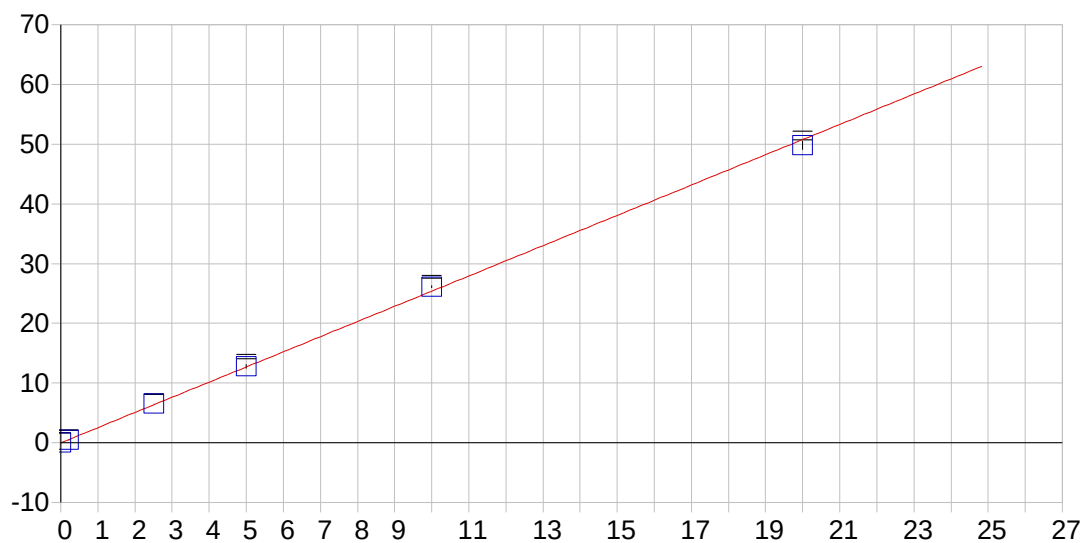


AI 396.152 { 85}

Date of Fit: 2/26/2018 11:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000228 Re-Slope: 1.000000
 A1 (Gain): 0.055872 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000302
 Predicted MDL: 0.009070
 Predicted MQL: 0.030234

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00023	.000	1
S1	.20000	.20731	.007	3.65	.01137	.001	1
S2	38.750	38.800	.050	.128	2.1696	.020	1
S3	77.500	76.150	-1.35	-1.74	4.2585	.120	1
S4	155.00	156.99	1.99	1.29	8.7793	.121	1
S5	310.00	306.31	-3.69	-1.19	17.130	.093	1
S6	800.00	802.99	2.99	.374	44.865	.167	1

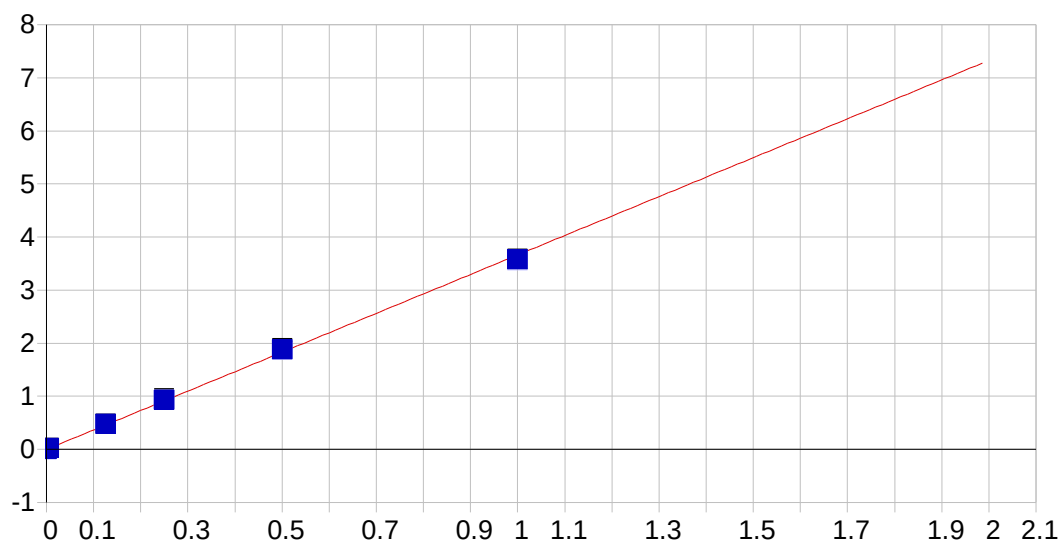


Ba 493.409 { 68}

Date of Fit: 2/26/2018 11:37:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003811 Re-Slope: 1.000000
 A1 (Gain): 2.538672 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999761 Status: OK.
 Std Error of Est: 0.005899
 Predicted MDL: 0.000486
 Predicted MQL: 0.001621

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00382	.001	1
S1	.20000	.19677	-.003	-1.62	.49571	.001	1
S2	2.5000	2.5689	.069	2.75	6.5177	.035	1
S3	5.0000	5.0223	.022	.447	12.746	.367	1
S4	10.000	10.294	.294	2.94	26.130	.242	1
S5	20.000	19.618	-.382	-1.91	49.799	.740	1



Be 234.861 {144}

Date of Fit: 2/26/2018 11:37:45

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001596

Re-Slope: 1.000000

A1 (Gain): 3.664063

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999641

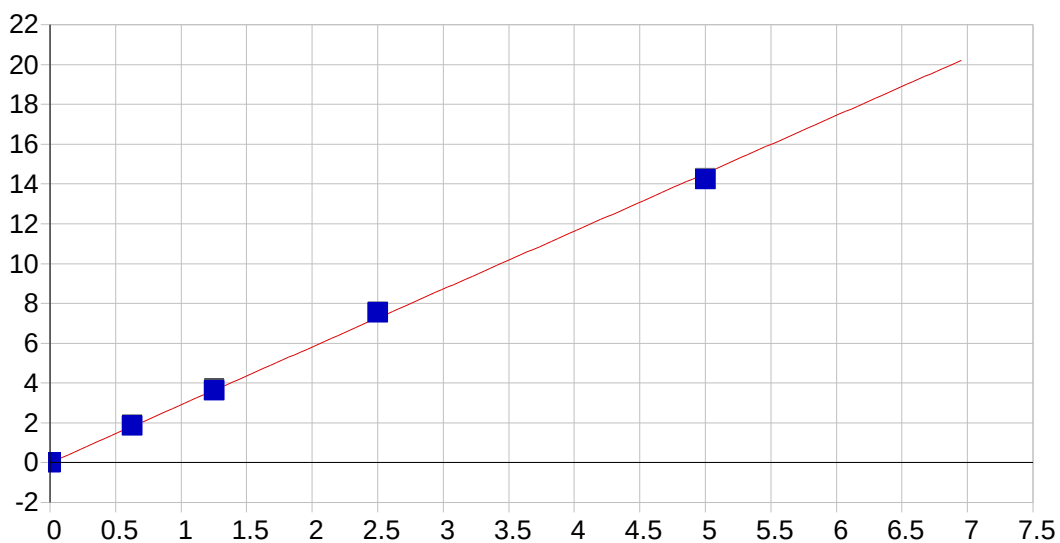
Status: OK.

Std Error of Est: 0.000367

Predicted MDL: 0.000075

Predicted MQL: 0.000249

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00160	.000	1
S1	.00500	.00534	.000	6.71	.01794	.000	1
S2	.12500	.13039	.005	4.31	.47414	.005	1
S3	.25000	.25522	.005	2.09	.92953	.024	1
S4	.50000	.51362	.014	2.72	1.8723	.025	1
S5	1.0000	.97545	-.025	-2.46	3.5565	.020	1

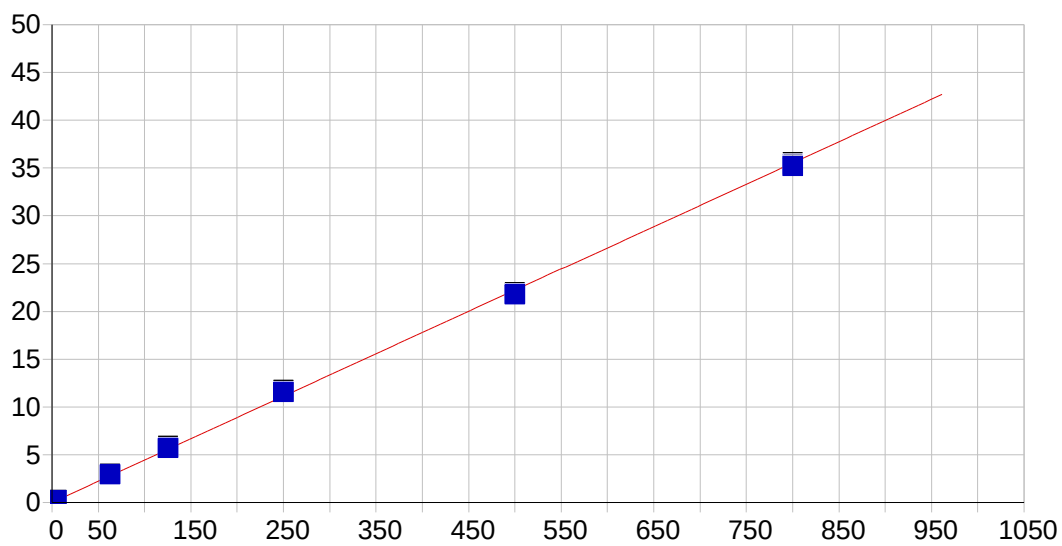


Cd 214.438 {457}

Date of Fit: 2/26/2018 11:37:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000093 Re-Slope: 1.000000
 A1 (Gain): 2.906600 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999666 Status: OK.
 Std Error of Est: 0.000631
 Predicted MDL: 0.000058
 Predicted MQL: 0.000193

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.00500	.00478	.000	-4.43	.01381	.000	1
S2	.62500	.64105	.016	2.57	1.8669	.019	1
S3	1.2500	1.2488	-.001	-.093	3.6372	.062	1
S4	2.5000	2.5937	.094	3.75	7.5538	.006	1
S5	5.0000	4.8916	-.108	-2.17	14.248	.043	1

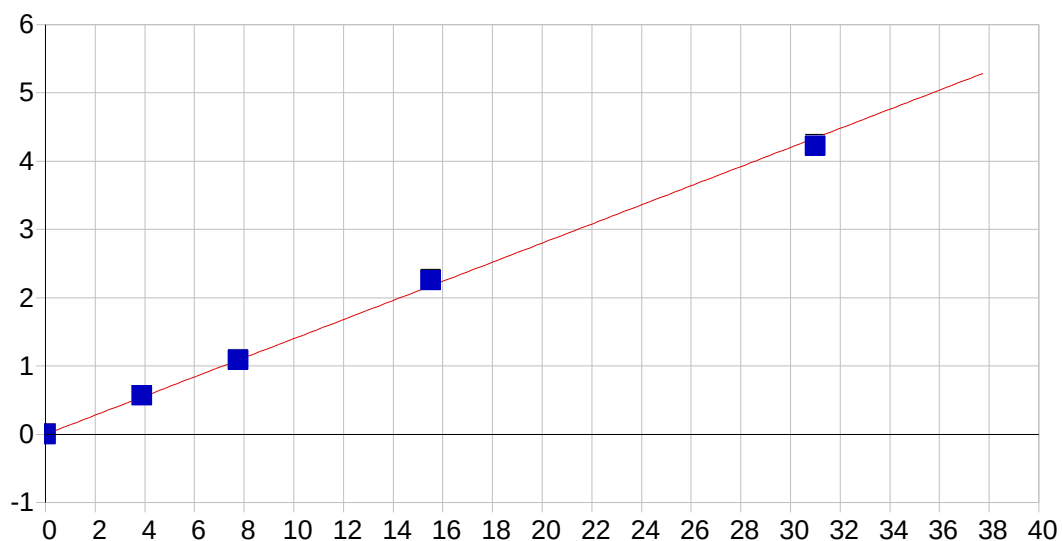


Ca 373.690 { 90}

Date of Fit: 2/26/2018 11:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001235 Re-Slope: 1.000000
 A1 (Gain): 0.044423 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999703 Status: OK.
 Std Error of Est: 0.003799
 Predicted MDL: 0.010975
 Predicted MQL: 0.036585

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00077	-.001	.000	.00120	.000	1
S1	5.0000	5.2667	.267	5.33	.23523	.001	1
S2	62.500	66.464	3.96	6.34	2.9636	.022	1
S3	125.00	128.19	3.19	2.55	5.7154	.178	1
S4	250.00	260.32	10.3	4.13	11.605	.135	1
S5	500.00	490.09	-9.91	-1.98	21.852	.121	1
S6	800.00	792.19	-7.81	-.976	35.403	.210	1

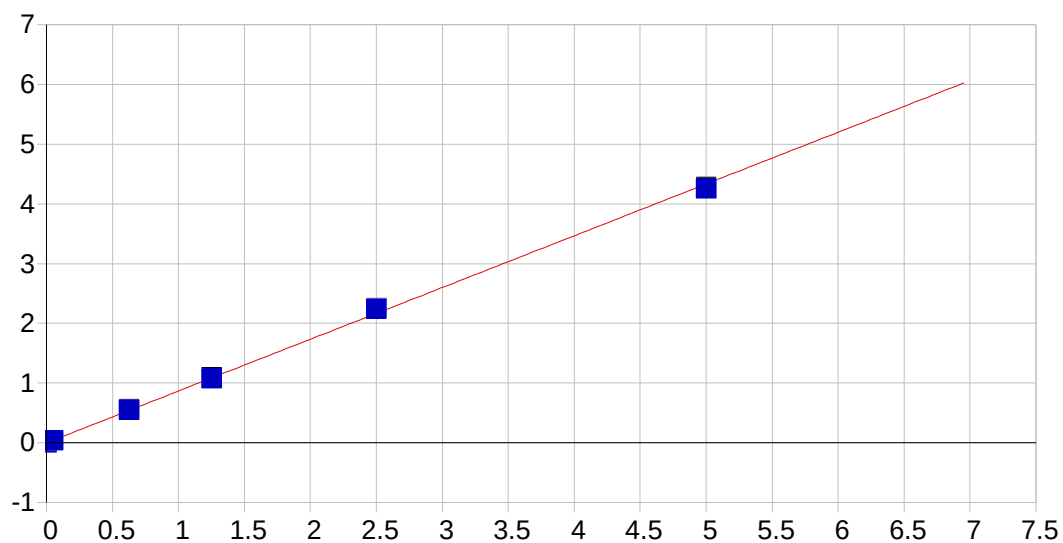


Cr 267.716 {126}

Date of Fit: 2/26/2018 11:37:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000023 Re-Slope: 1.000000
 A1 (Gain): 0.140045 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999552 Status: OK.
 Std Error of Est: 0.000124
 Predicted MDL: 0.000494
 Predicted MQL: 0.001646

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01000	.01063	.001	6.25	.00147	.000	1
S2	3.8750	4.0599	.185	4.77	.56950	.001	1
S3	7.7500	7.7916	.042	.536	1.0931	.002	1
S4	15.500	16.084	.584	3.77	2.2563	.011	1
S5	31.000	30.189	-.811	-2.62	4.2354	.010	1

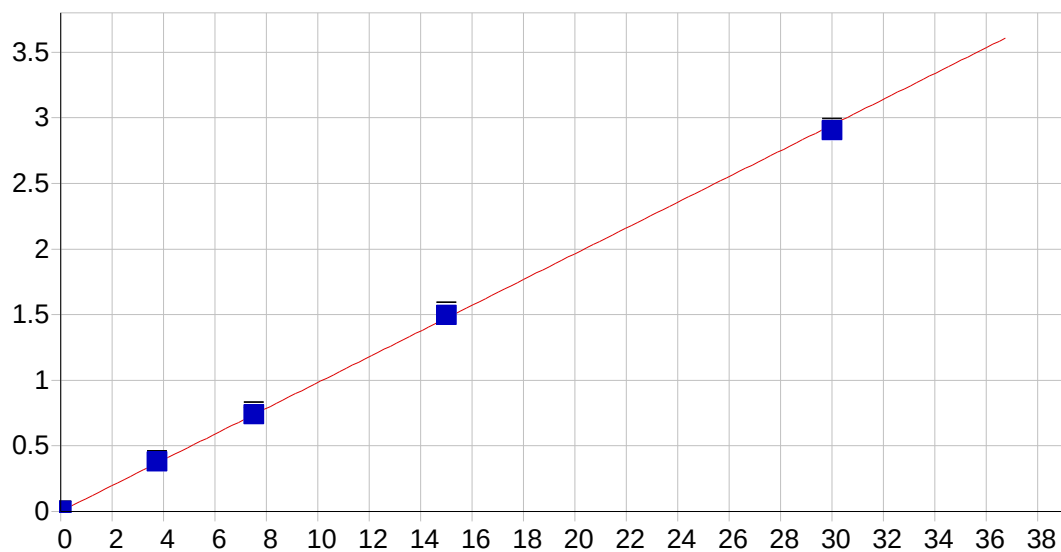


Co 228.616 {448}

Date of Fit: 2/26/2018 11:37:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000270 Re-Slope: 1.000000
 A1 (Gain): 0.866537 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999718 Status: OK.
 Std Error of Est: 0.000548
 Predicted MDL: 0.000191
 Predicted MQL: 0.000635

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00027	.000	1
S1	.05000	.04628	-.004	-7.44	.04000	.000	1
S2	.62500	.63674	.012	1.88	.55256	.005	1
S3	1.2500	1.2425	-.007	-.598	1.0786	.020	1
S4	2.5000	2.5892	.089	3.57	2.2476	.006	1
S5	5.0000	4.9103	-.090	-1.79	4.2632	.018	1

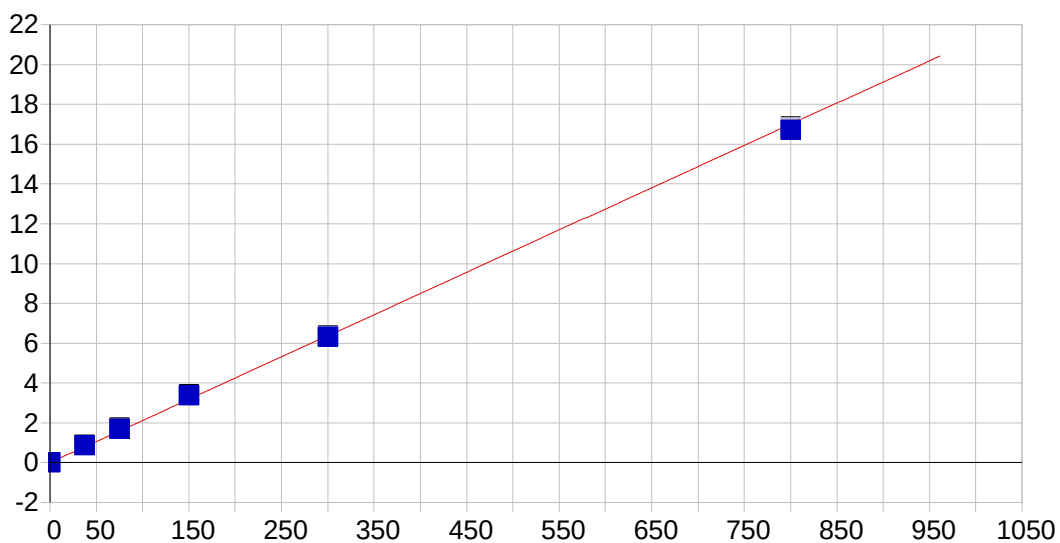


Cu 324.754 {104}

Date of Fit: 2/26/2018 11:37:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001141 Re-Slope: 1.000000
 A1 (Gain): 0.098141 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865 Status: OK.
 Std Error of Est: 0.000074
 Predicted MDL: 0.002724
 Predicted MQL: 0.009078

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00114	.000	1
S1	.02500	.02889	.004	15.5	.00397	.000	1
S2	3.7500	3.8842	.134	3.58	.38211	.005	1
S3	7.5000	7.5259	.026	.345	.73928	.019	1
S4	15.000	15.247	.247	1.65	1.4966	.022	1
S5	30.000	29.589	-.411	-1.37	2.9032	.016	1

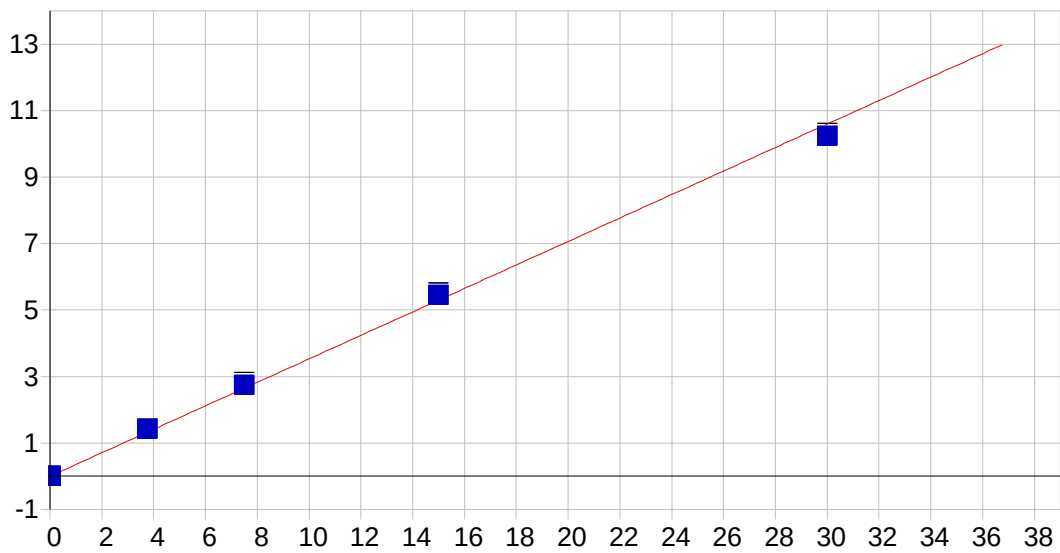


Fe 259.837 {130}

Date of Fit: 2/26/2018 11:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000095 Re-Slope: 1.000000
 A1 (Gain): 0.021249 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999519 Status: OK.
 Std Error of Est: 0.000289
 Predicted MDL: 0.007972
 Predicted MQL: 0.026573

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00009	.000	1
S1	.10000	.10739	.007	7.39	.00242	.000	1
S2	37.500	41.003	3.50	9.34	.87565	.008	1
S3	75.000	79.461	4.46	5.95	1.6971	.046	1
S4	150.00	158.46	8.46	5.64	3.3844	.040	1
S5	300.00	296.92	-3.08	-1.03	6.3435	.032	1
S6	800.00	786.64	-13.4	-1.67	16.793	.083	1

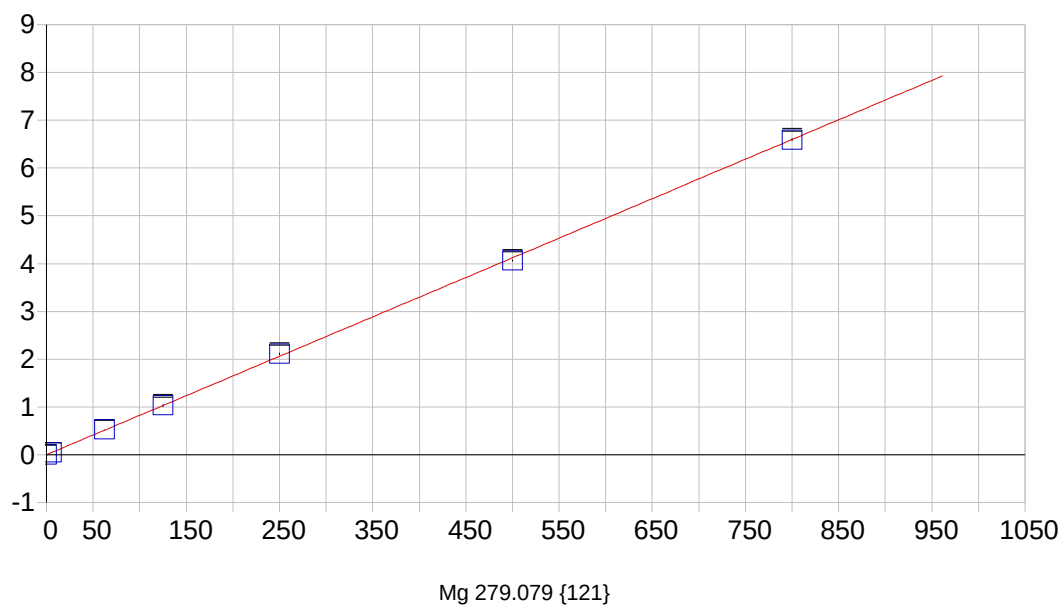


Mn 257.610 {131}

Date of Fit: 2/26/2018 11:37:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000040 Re-Slope: 1.000000
 A1 (Gain): 0.353148 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999329 Status: OK.
 Std Error of Est: 0.000460
 Predicted MDL: 0.000479
 Predicted MQL: 0.001597

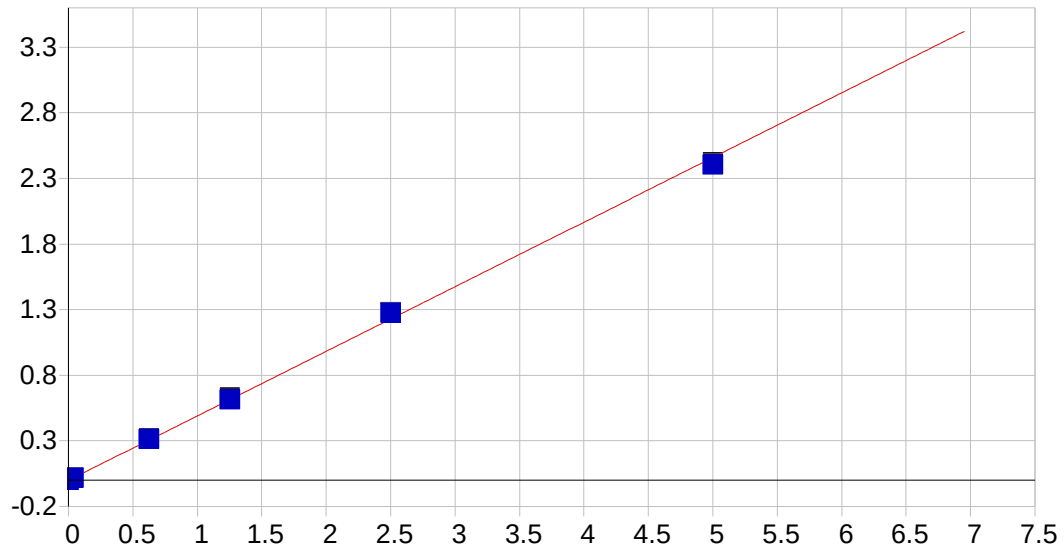
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.01500	.01612	.001	7.45	.00573	.000	1
S2	3.7500	4.0207	.271	7.22	1.4202	.011	1
S3	7.5000	7.7701	.270	3.60	2.7446	.086	1
S4	15.000	15.449	.449	3.00	5.4572	.061	1
S5	30.000	29.009	-.991	-3.30	10.247	.069	1



Date of Fit: 2/26/2018 11:42:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000344 Re-Slope: 1.000000
 A1 (Gain): 0.008245 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918 Status: OK.
 Std Error of Est: 0.000369
 Predicted MDL: 0.024651
 Predicted MQL: 0.082169

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00013	.000	.000	-.00035	.000	1
S1	5.0000	4.9888	-.011	-.225	.04079	.000	1
S2	62.500	63.523	1.02	1.64	.52343	.005	1
S3	125.00	125.06	.061	.049	1.0308	.028	1
S4	250.00	256.43	6.43	2.57	2.1140	.024	1
S5	500.00	492.80	-7.20	-1.44	4.0630	.018	1
S6	800.00	799.69	-.308	-.039	6.5934	.027	1

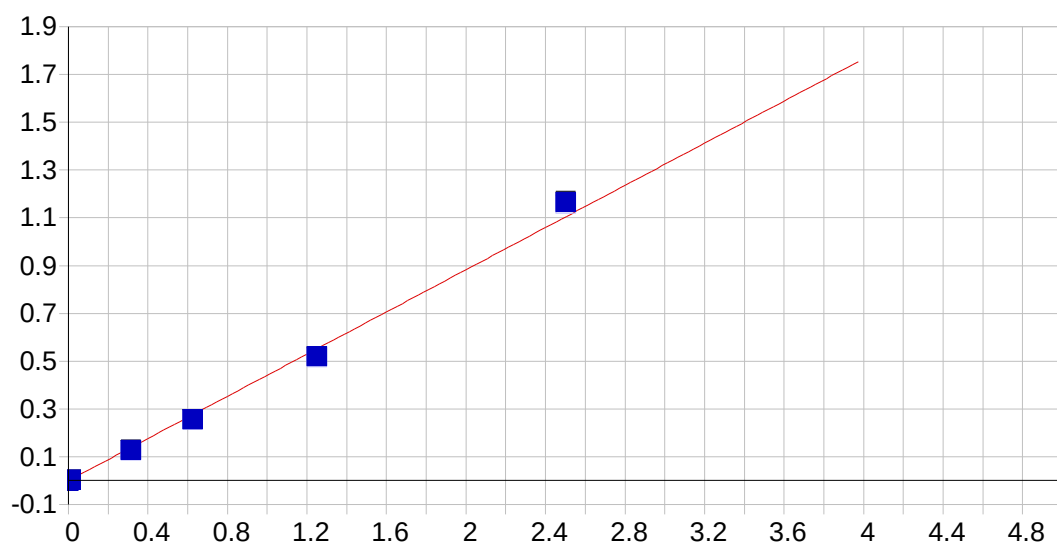


Ni 231.604 {446}

Date of Fit: 2/26/2018 11:37:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001209 Re-Slope: 1.000000
 A1 (Gain): 0.492104 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999665 Status: OK.
 Std Error of Est: 0.000303
 Predicted MDL: 0.000339
 Predicted MQL: 0.001130

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00121	.000	1
S1	.04000	.03896	-.001	-2.61	.01797	.000	1
S2	.62500	.64385	.019	3.02	.31626	.003	1
S3	1.2500	1.2513	.001	.102	.61581	.012	1
S4	2.5000	2.5911	.091	3.64	1.2764	.002	1
S5	5.0000	4.8899	-.110	-2.20	2.4102	.010	1

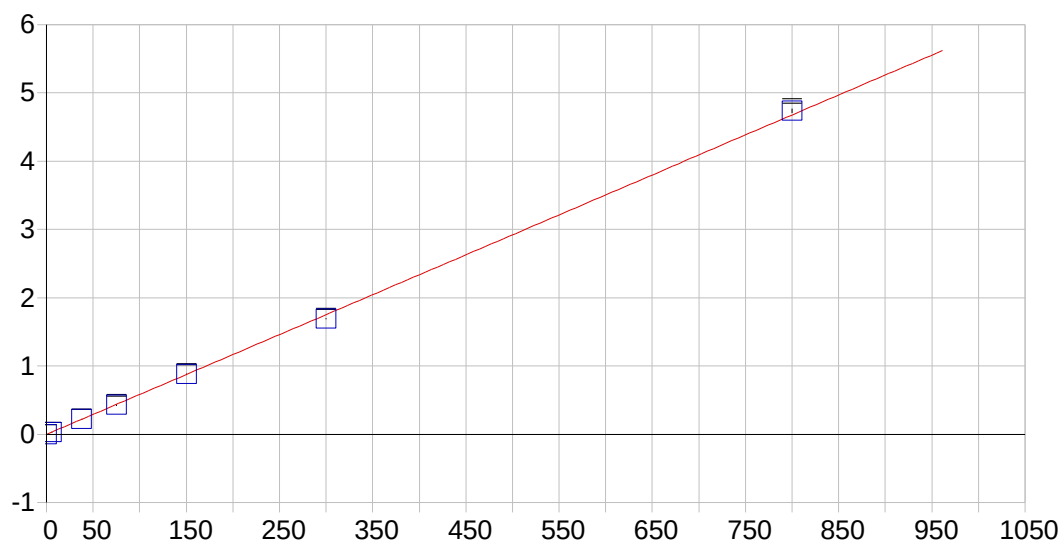


Ag 328.068 {103}

Date of Fit: 2/26/2018 11:37:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000195 Re-Slope: 1.000000
 A1 (Gain): 0.441375 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998121 Status: OK.
 Std Error of Est: 0.000226
 Predicted MDL: 0.000320
 Predicted MQL: 0.001066

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.01000	.00911	-.001	-8.86	.00380	.000	1
S2	.31250	.28820	-.024	-7.78	.12607	.000	1
S3	.62500	.58085	-.044	-7.06	.25430	.001	1
S4	1.2500	1.1770	-.073	-5.84	.51553	.001	1
S5	2.5000	2.6424	.142	5.69	1.1585	.004	1



Na 818.326 { 41}

Date of Fit: 2/26/2018 11:42:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002240

Re-Slope: 1.000000

A1 (Gain): 0.005849

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999828

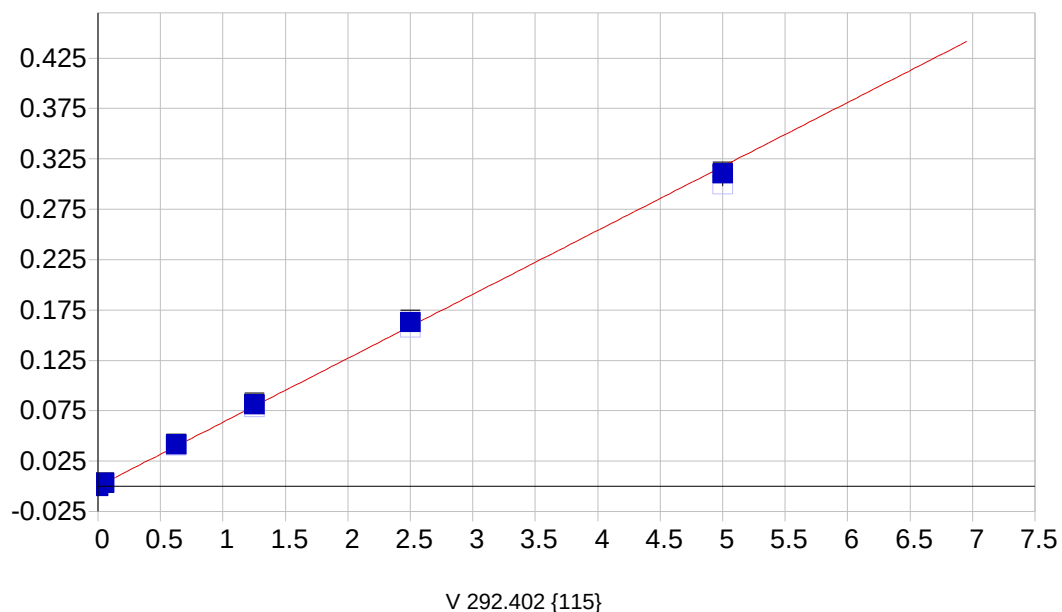
Status: OK.

Std Error of Est: 0.000335

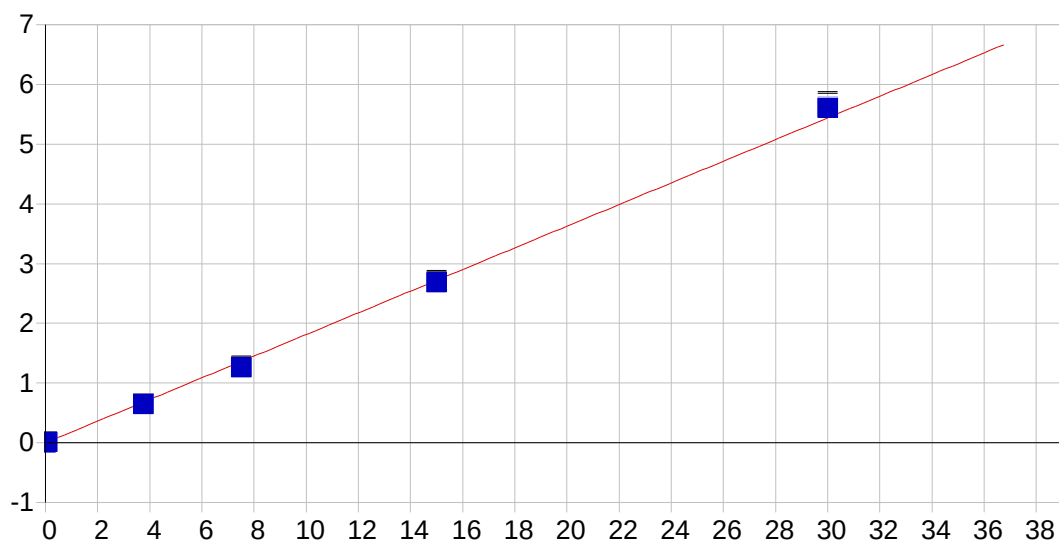
Predicted MDL: 0.189733

Predicted MQL: 0.632443

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00024	.000	.000	-.00224	.001	1
S1	5.0000	4.8836	-.116	-2.33	.02632	.000	1
S2	37.500	37.753	.253	.675	.21856	.000	1
S3	75.000	73.732	-1.27	-1.69	.42899	.011	1
S4	150.00	150.80	.799	.533	.87971	.010	1
S5	300.00	290.29	-9.71	-3.24	1.6955	.007	1
S6	800.00	810.04	10.0	1.26	4.7353	.032	1



Date of Fit:		2/26/2018 11:37:45		Type of Fit:		Linear		Weighting:		1/Conc	
A0 (Offset):		0.000074		Re-Slope:		1.000000					
A1 (Gain):		0.063489		Y-int:		0.000000					
A2 (Curvature):		0.000000									
n (Exponent):		1.000000									
Correlation:		0.999655		Status:		OK.					
Std Error of Est:		0.000043									
Predicted MDL:		0.003218									
Predicted MQL:		0.010727									
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis				
S0	.00000	.00000	.000	.000	.00007	.000	1				
S1	.05000	.04921	-.001	-1.57	.00319	.000	1				
S2	.62500	.65454	.030	4.73	.04032	.000	1				
S3	1.2500	1.2734	.023	1.87	.07830	.002	1				
S4	2.5000	2.5630	.063	2.52	.15756	.002	1				
S5	5.0000	4.8849	-.115	-2.30	.29974	.002	1				



Zn 213.856 {158}

Date of Fit: 2/26/2018 11:37:45

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000541

Re-Slope: 1.000000

A1 (Gain): 0.181329

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999341

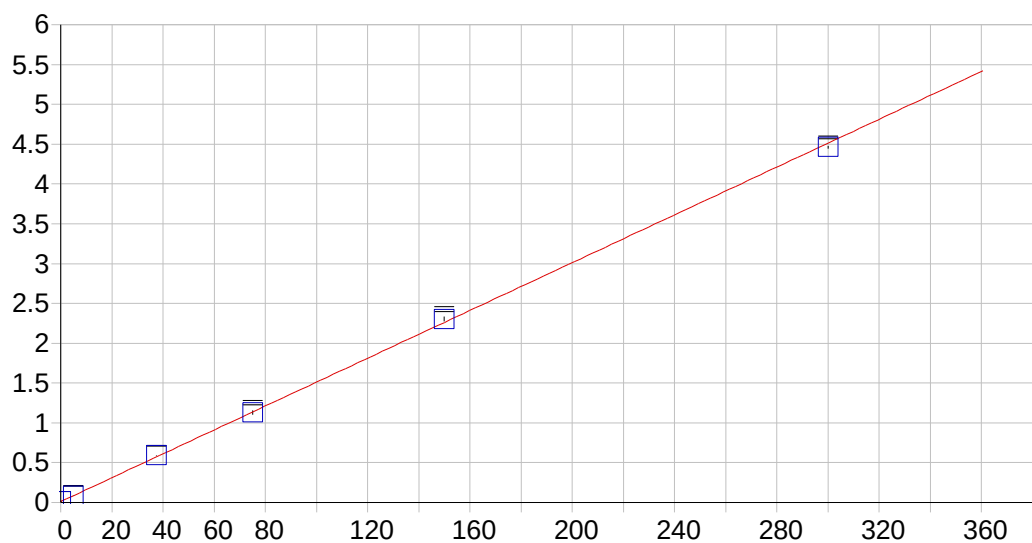
Status: OK.

Std Error of Est: 0.000471

Predicted MDL: 0.002771

Predicted MQL: 0.009236

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00054	.000	1
S1	.06000	.05705	-.003	-4.92	.00984	.000	1
S2	3.7500	3.5770	-.173	-4.61	.65127	.005	1
S3	7.5000	6.9738	-.526	-7.02	1.2704	.012	1
S4	15.000	14.798	-.202	-1.35	2.6956	.021	1
S5	30.000	30.904	.904	3.01	5.6288	.084	1

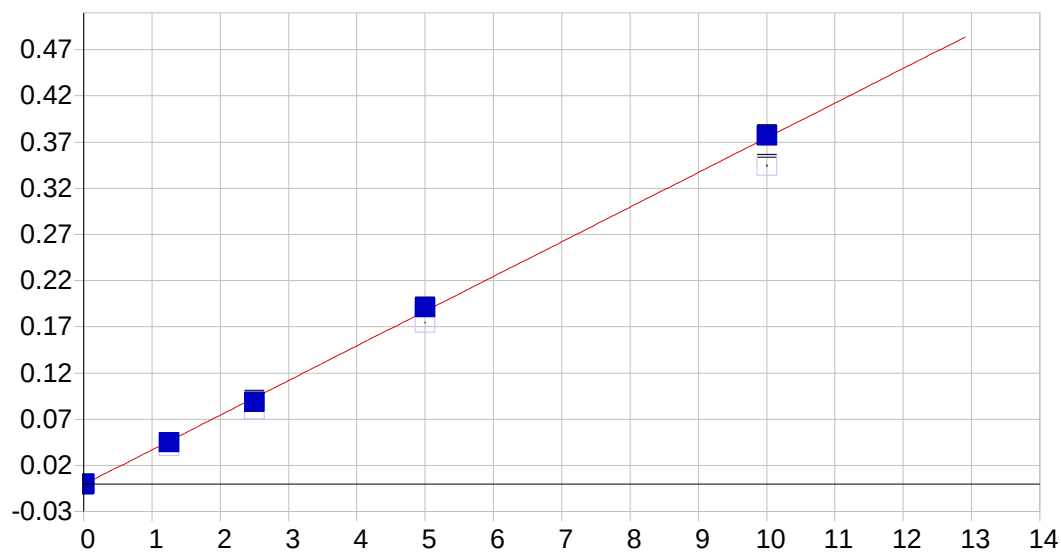


K 769.896 { 44}

Date of Fit: 2/26/2018 11:37:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010847 Re-Slope: 1.000000
 A1 (Gain): 0.015006 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887 Status: OK.
 Std Error of Est: 0.000464
 Predicted MDL: 0.061676
 Predicted MQL: 0.205585

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00016	.000	.000	.01084	.000	1
S1	5.0000	5.0081	.008	.162	.08600	.001	1
S2	37.500	38.585	1.09	2.89	.58986	.005	1
S3	75.000	74.559	-.441	-.588	1.1297	.029	1
S4	150.00	152.83	2.83	1.89	2.3042	.032	1
S5	300.00	296.52	-3.48	-1.16	4.4604	.020	1

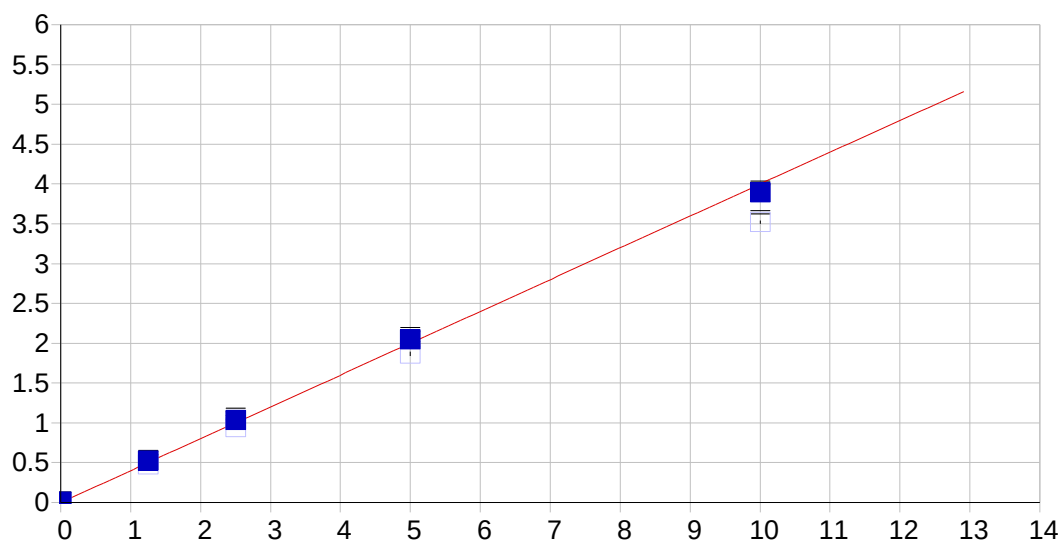


P 177.495 {490}

Date of Fit: 2/26/2018 11:37:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000815 Re-Slope: 1.000000
 A1 (Gain): 0.037551 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999698 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.002045
 Predicted MQL: 0.006817

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00082	.000	1
S1	.01000	.01188	.002	18.8	-.00039	.000	1
S2	1.2500	1.2082	-.042	-3.34	.04051	.000	1
S3	2.5000	2.3840	-.116	-4.64	.08061	.002	1
S4	5.0000	5.1008	.101	2.02	.17453	.001	1
S5	10.000	10.055	.055	.550	.34437	.001	1

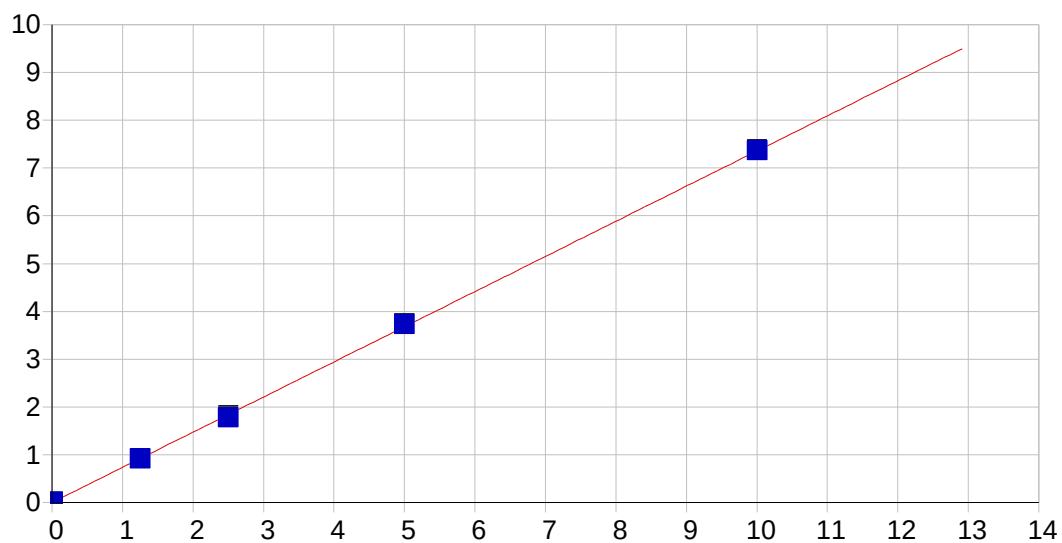


B 249.678 {135}

Date of Fit: 2/26/2018 11:37:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001036 Re-Slope: 1.000000
 A1 (Gain): 0.399726 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999461 Status: OK.
 Std Error of Est: 0.000200
 Predicted MDL: 0.000864
 Predicted MQL: 0.002881

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00103	.000	1
S1	.01000	.01123	.001	12.3	.00543	.000	1
S2	1.2500	1.3099	.060	4.79	.47860	.005	1
S3	2.5000	2.5882	.088	3.53	.94356	.024	1
S4	5.0000	5.1240	.124	2.48	1.8652	.027	1
S5	10.000	9.7266	-.273	-2.73	3.5208	.023	1

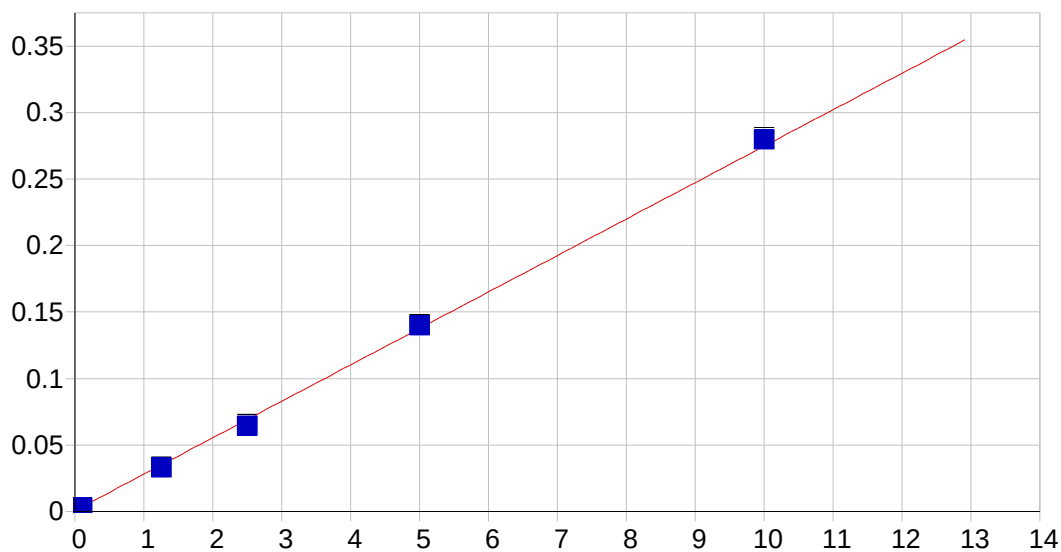


Mo 202.030 {467}

Date of Fit: 2/26/2018 11:37:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000139 Re-Slope: 1.000000
 A1 (Gain): 0.735639 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.000173
 Predicted MDL: 0.000208
 Predicted MQL: 0.000692

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.01000	.00935	-.001	-6.54	.00701	.000	1
S2	1.2500	1.2420	-.008	-.644	.91373	.010	1
S3	2.5000	2.4199	-.080	-3.21	1.7802	.031	1
S4	5.0000	5.0711	.071	1.42	3.7305	.009	1
S5	10.000	10.018	.018	.178	7.3693	.018	1

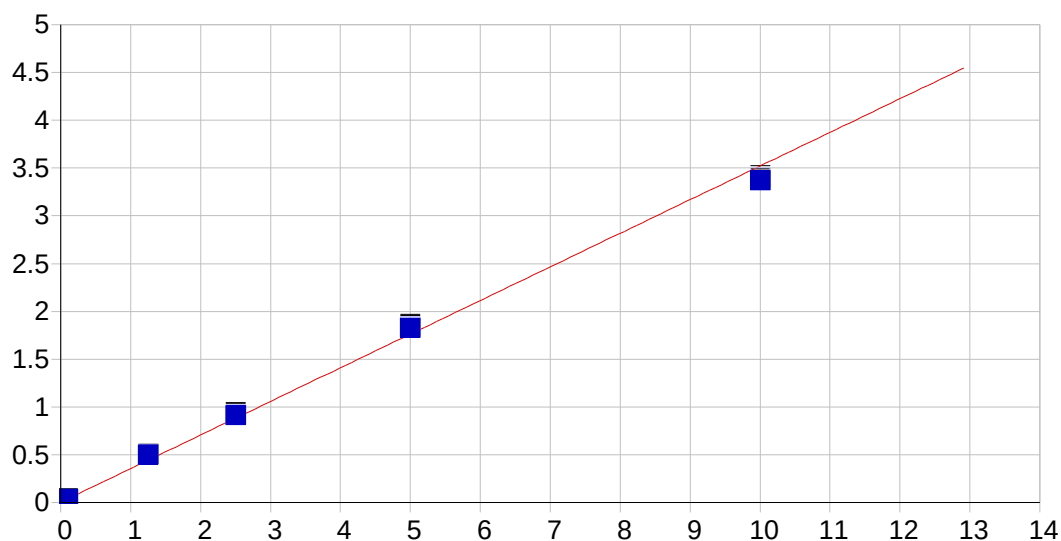


S 182.034 {485}

Date of Fit: 2/26/2018 11:37:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000631 Re-Slope: 1.000000
 A1 (Gain): 0.027412 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999363 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.003001
 Predicted MQL: 0.010003

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00063	.000	1
S1	.10000	.08310	-.017	-16.9	.00291	.000	1
S2	1.2500	1.1738	-.076	-6.10	.03282	.000	1
S3	2.5000	2.3280	-.172	-6.88	.06447	.001	1
S4	5.0000	5.0832	.083	1.66	.14002	.001	1
S5	10.000	10.182	.182	1.82	.27983	.002	1

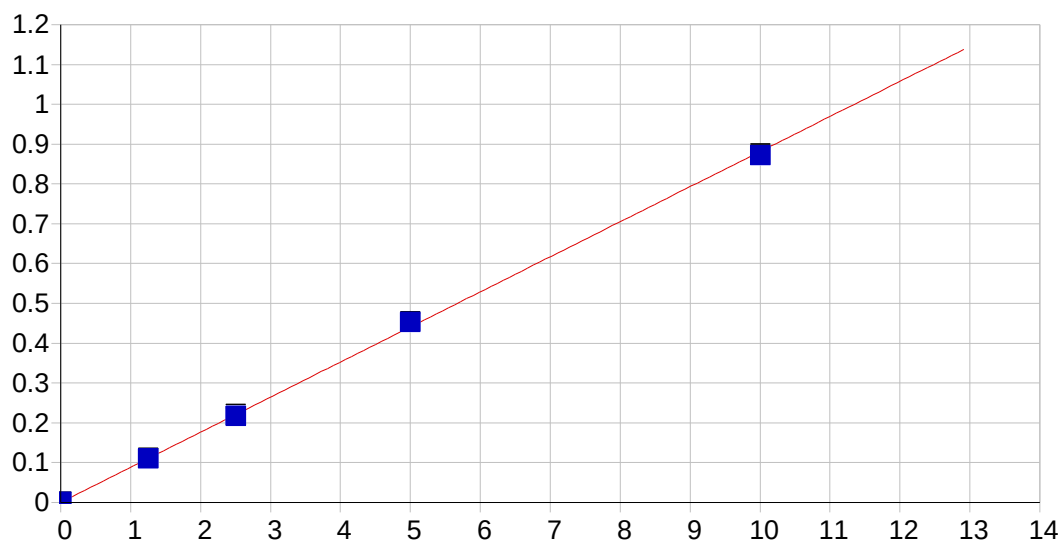


Si 251.611 {134}

Date of Fit: 2/26/2018 11:37:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002642 Re-Slope: 1.000000
 A1 (Gain): 0.351849 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998714 Status: OK.
 Std Error of Est: 0.000957
 Predicted MDL: 0.000996
 Predicted MQL: 0.003321

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00264	.000	1
S1	.10000	.09613	-.004	-3.87	.03659	.001	1
S2	1.2500	1.4136	.164	13.1	.50360	.003	1
S3	2.5000	2.5863	.086	3.45	.91984	.023	1
S4	5.0000	5.1814	.181	3.63	1.8401	.027	1
S5	10.000	9.5726	-.427	-4.27	3.3996	.023	1

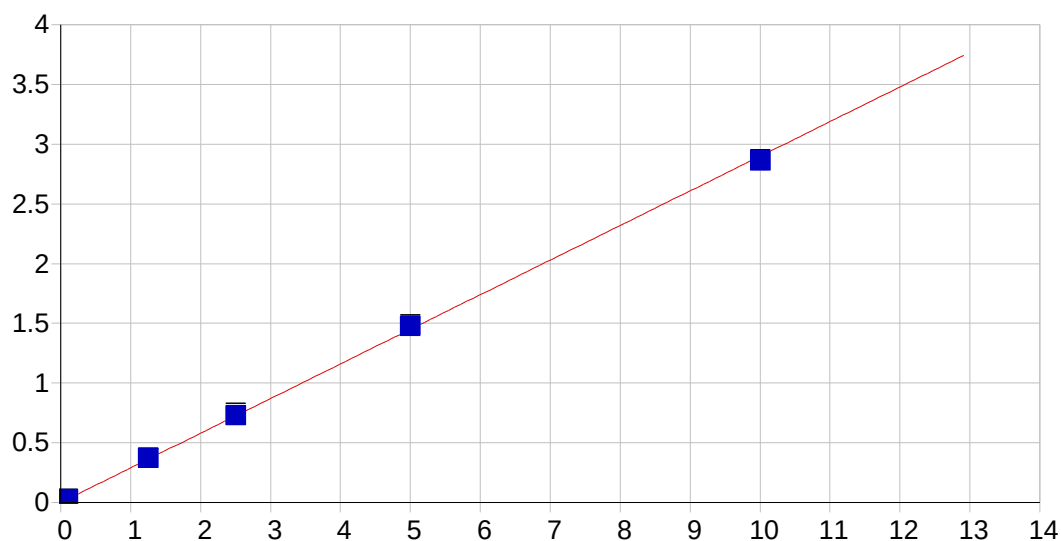


Sn 189.989 {478}

Date of Fit: 2/26/2018 11:37:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000283 Re-Slope: 1.000000
 A1 (Gain): 0.088107 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999858 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.000854
 Predicted MQL: 0.002848

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.00700	.00639	-.001	-8.70	.00082	.000	1
S2	1.2500	1.2553	.005	.420	.11064	.001	1
S3	2.5000	2.4645	-.036	-1.42	.21693	.004	1
S4	5.0000	5.1349	.135	2.70	.45173	.002	1
S5	10.000	9.8960	-.104	-1.04	.87024	.004	1



Ti 336.121 {100}

Date of Fit: 2/26/2018 11:37:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000203

Re-Slope: 1.000000

A1 (Gain): 0.289874

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999888

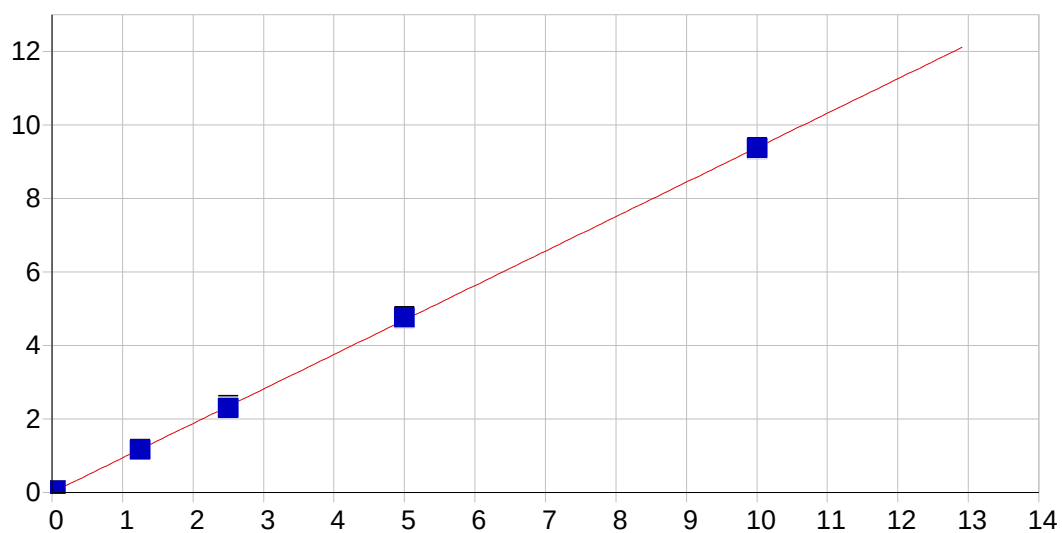
Status: OK.

Std Error of Est: 0.000231

Predicted MDL: 0.001179

Predicted MQL: 0.003930

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.10000	.09574	-.004	-4.26	.02795	.000	1
S2	1.2500	1.2774	.027	2.19	.37034	.001	1
S3	2.5000	2.5108	.011	.434	.72776	.020	1
S4	5.0000	5.0938	.094	1.88	1.4762	.010	1
S5	10.000	9.8722	-.128	-1.28	2.8608	.008	1

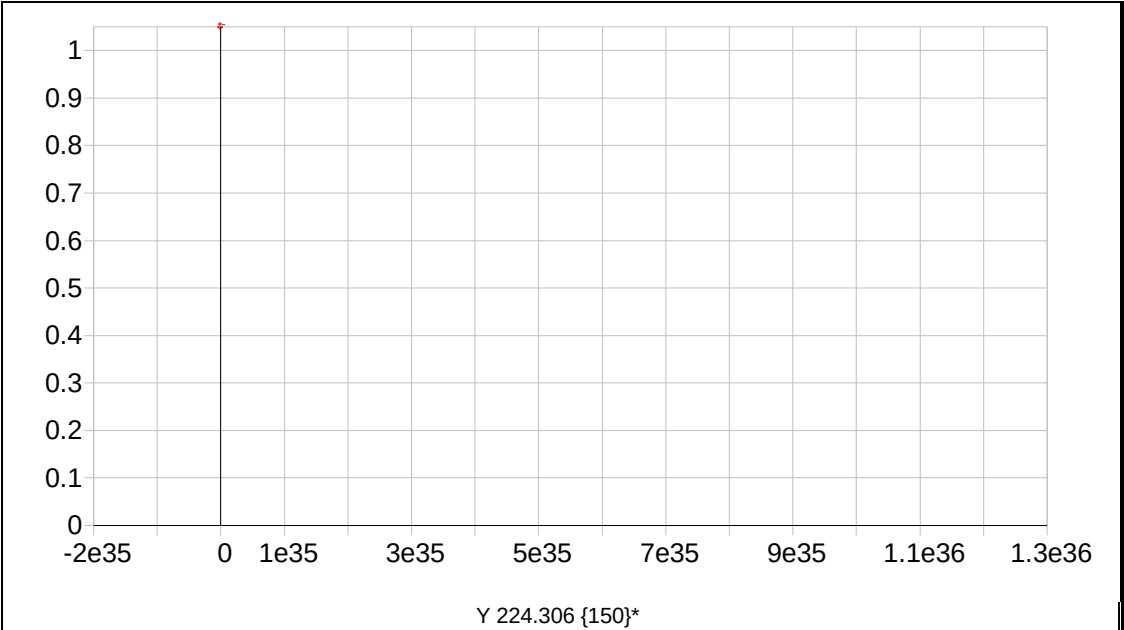


Li 670.784 { 50}

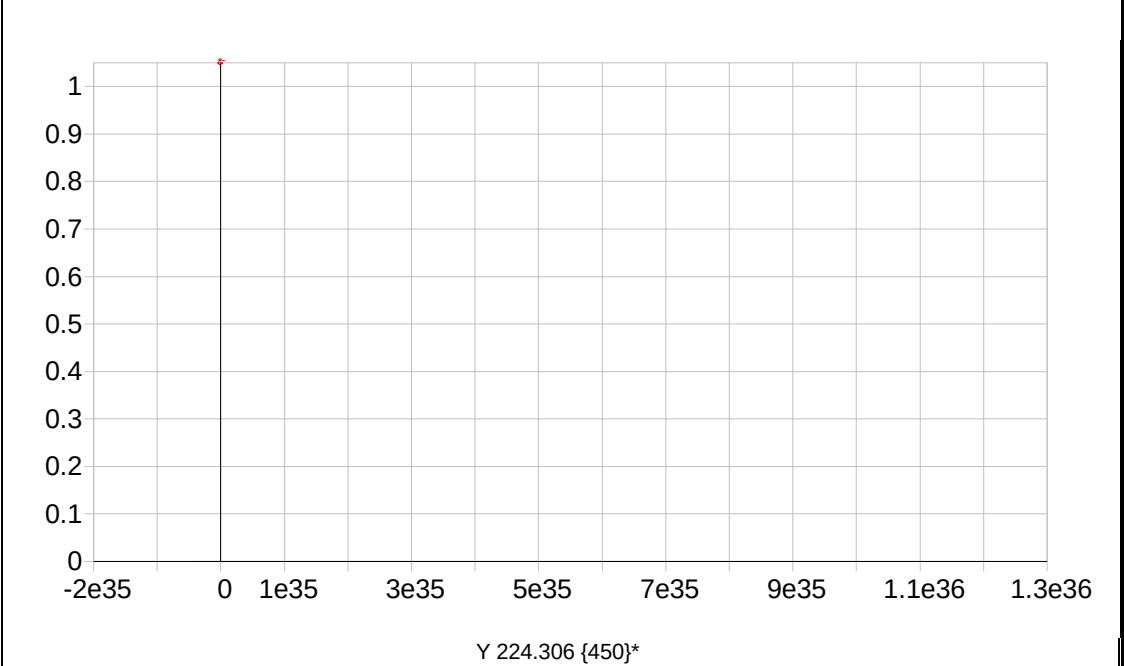
Date of Fit: 2/26/2018 11:37:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003601 Re-Slope: 1.000000
 A1 (Gain): 0.937755 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942 Status: OK.
 Std Error of Est: 0.000376
 Predicted MDL: 0.001246
 Predicted MQL: 0.004153

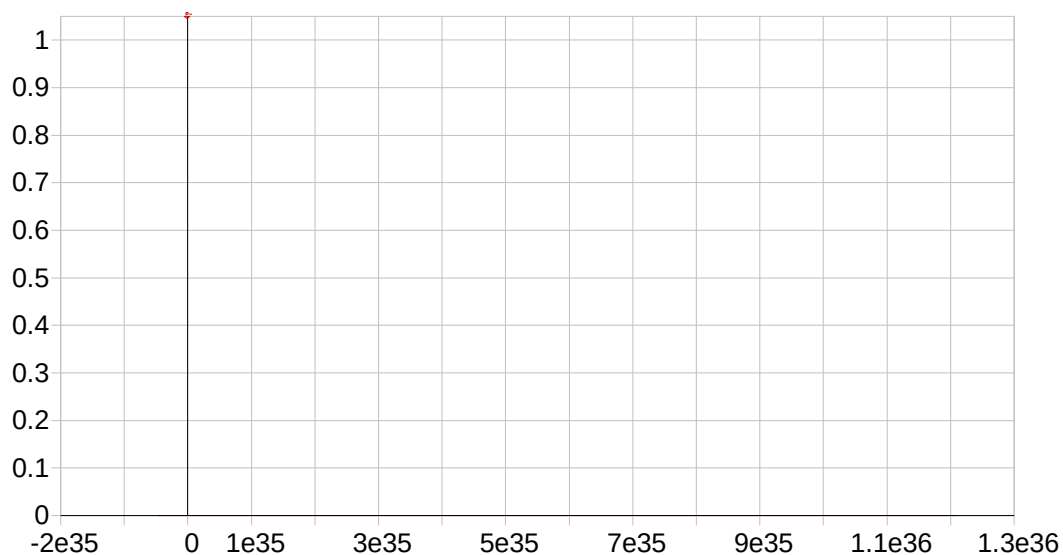
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00360	.001	1
S5	10.000	9.9932	-.007	-.068	9.3220	.016	1
S4	5.0000	5.0673	.067	1.35	4.7292	.033	1
S3	2.5000	2.4479	-.052	-2.08	2.2860	.068	1
S2	1.2500	1.2441	-.006	-.475	1.1636	.006	1
S1	.05000	.04749	-.003	-5.01	.04804	.001	1



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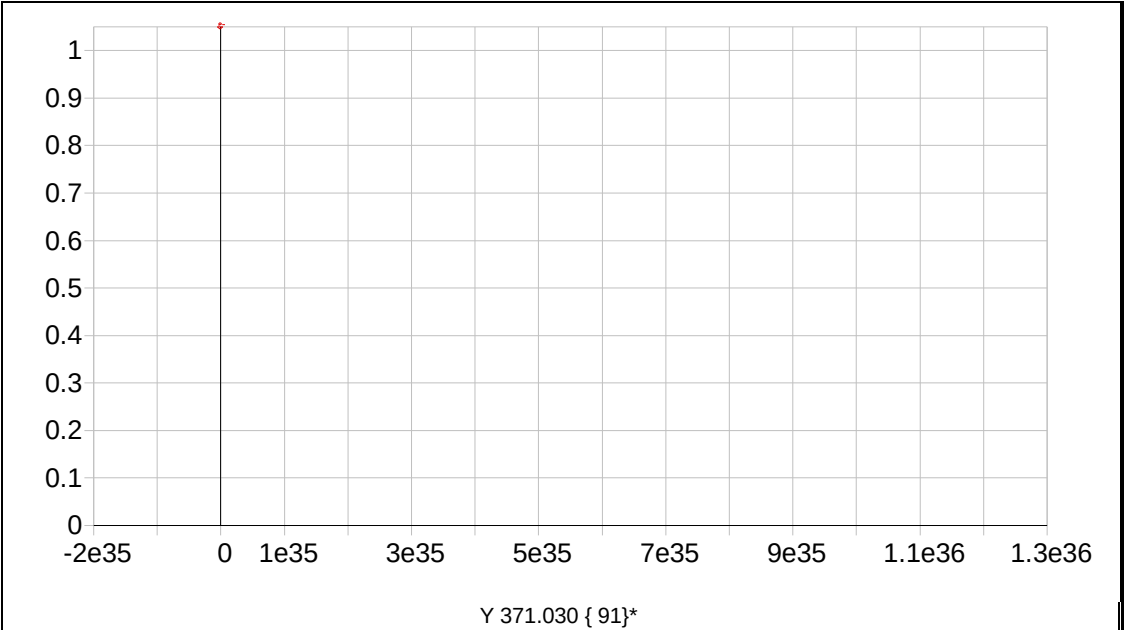


Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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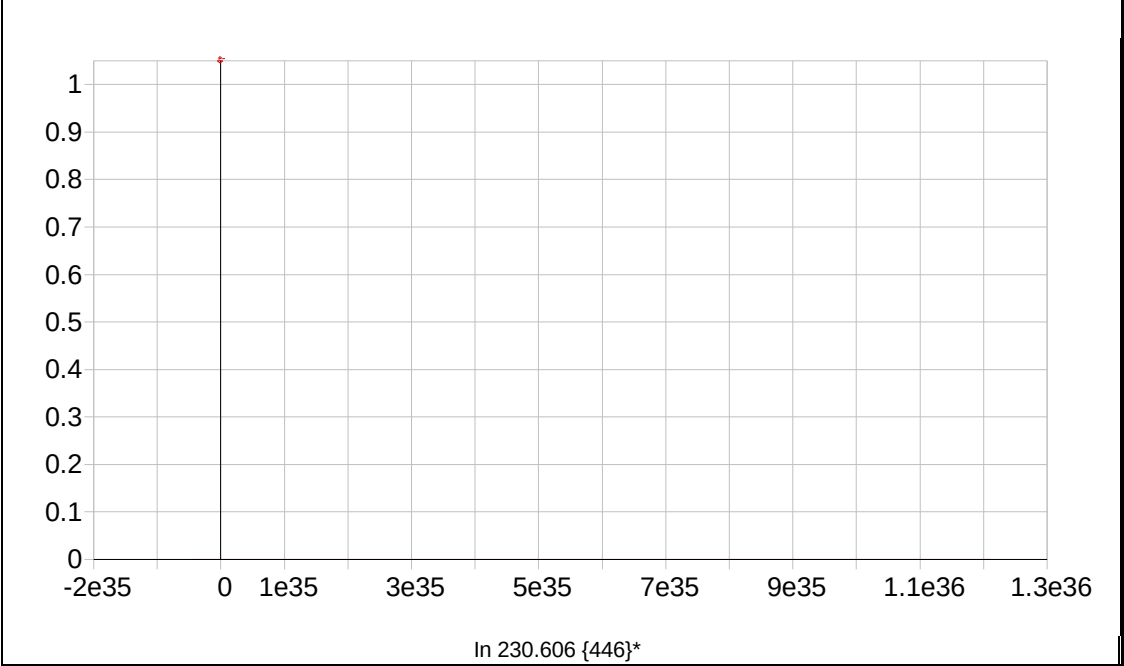
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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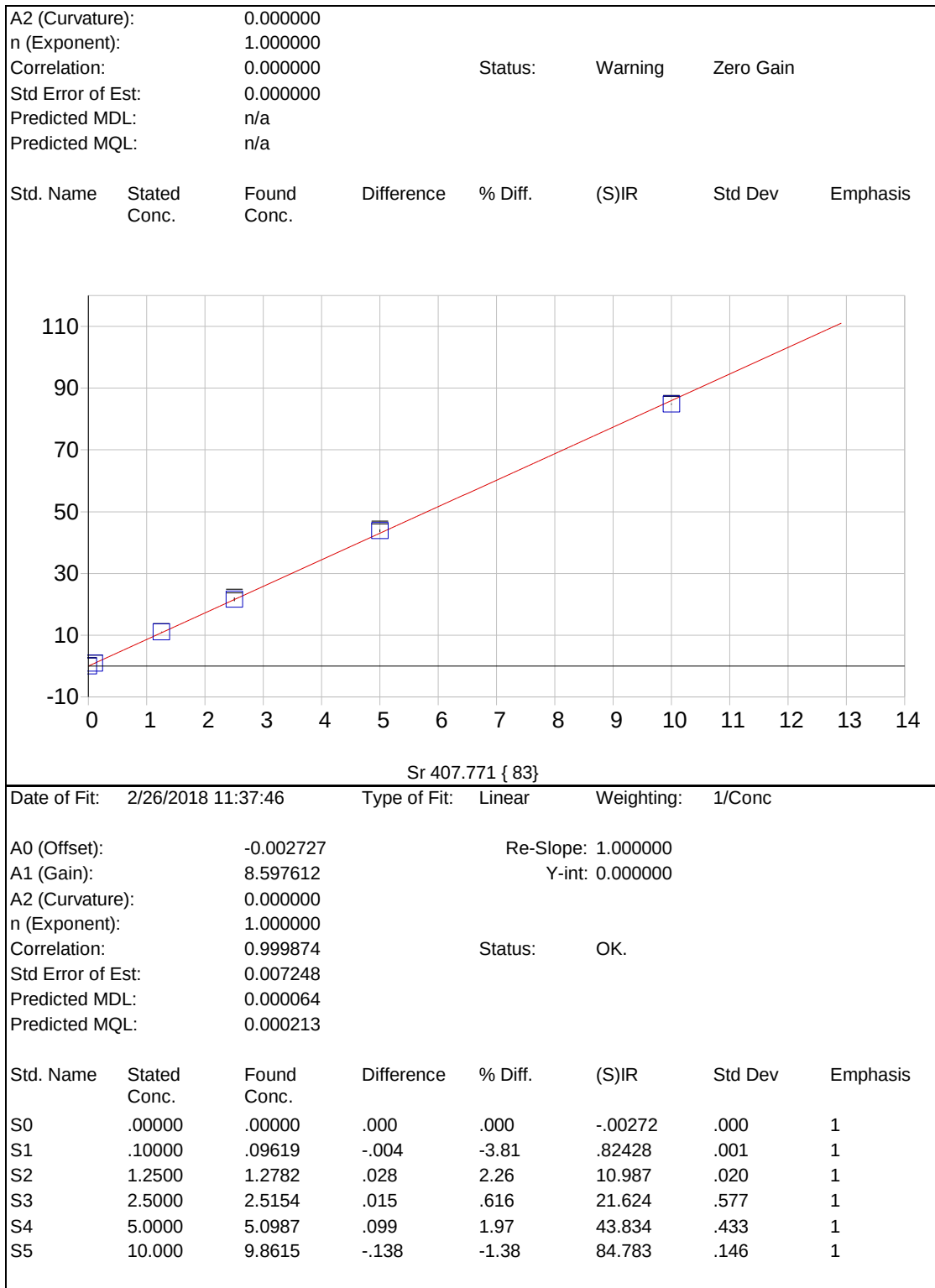


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: S0 Acquired: 2/26/2018 11:13:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	-.00004	-.00022	-.00007	.00009	.00040	-.00023	-.00382	-.00160
Stddev	.00007	.00004	.00026	.00006	.00005	.00027	.00068	.00022
%RSD	157.79	17.153	384.87	68.596	12.087	118.42	17.658	13.655

#1	-.00009	-.00019	.00023	.00010	.00042	-.00053	-.00368	-.00173
#2	-.00008	-.00021	-.00021	.00003	.00043	-.00002	-.00456	-.00172
#3	.00004	-.00026	-.00023	.00015	.00034	-.00014	-.00323	-.00135

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	-.00009	.00120	-.00002	-.00027	.00114	.00009	.00004	-.00035
Stddev	.00005	.00018	.00004	.00014	.00011	.00011	.00004	.00006
%RSD	58.753	14.580	174.78	53.077	9.7219	117.04	109.08	18.636

#1	-.00006	.00122	-.00004	-.00021	.00117	.00018	.00008	-.00032
#2	-.00016	.00102	.00002	-.00043	.00123	.00014	-.00001	-.00030
#3	-.00007	.00136	-.00005	-.00016	.00102	-.00003	.00005	-.00042

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	-.00121	-.00019	-.00224	.00007	-.00054	.01084	-.00082	.00103
Stddev	.00017	.00009	.00078	.00014	.00009	.00048	.00002	.00019
%RSD	14.411	48.430	34.758	188.73	17.560	4.4413	2.5311	18.372

#1	-.00128	-.00030	-.00172	.00017	-.00046	.01137	-.00084	.00109
#2	-.00101	-.00014	-.00186	-.00009	-.00064	.01042	-.00081	.00119
#3	-.00134	-.00014	-.00313	.00013	-.00051	.01075	-.00080	.00082

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	.00014	.00063	.00264	.00028	.00020	.00360	-.00272	
Stddev	.00007	.00004	.00019	.00004	.00003	.00089	.00026	
%RSD	53.474	5.9009	7.3597	15.052	15.155	24.586	9.4024	

#1	.00006	.00062	.00275	.00026	.00020	.00281	-.00256	
#2	.00016	.00060	.00275	.00033	.00024	.00456	-.00259	
#3	.00020	.00067	.00241	.00026	.00017	.00344	-.00302	

Sample Name: S0 Acquired: 2/26/2018 11:13:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	1910.8	4438.6	46666.	9621.9	5325.1
Stddev	4.5	23.8	125.	119.0	29.0
%RSD	.23786	.53677	.26828	1.2363	.54506
#1	1907.8	4411.1	46554.	9485.0	5291.6
#2	1908.6	4453.2	46801.	9699.5	5341.1
#3	1916.0	4451.4	46642.	9681.3	5342.7

Sample Name: S1 Acquired: 2/26/2018 11:17:58 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	.00026	.00090	.00161	.00200	.00627	.01137	.49571	.01794
Stddev	.00006	.00007	.00008	.00019	.00004	.00060	.00131	.00022
%RSD	21.403	7.6458	4.8292	9.3657	.56317	5.2835	.26427	1.2017

#1	.00020	.00082	.00160	.00179	.00630	.01153	.49451	.01779
#2	.00031	.00095	.00169	.00212	.00623	.01071	.49552	.01784
#3	.00027	.00094	.00153	.00210	.00627	.01187	.49711	.01819

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	.01381	.23523	.00147	.04000	.00397	.00242	.00573	.04079
Stddev	.00005	.00056	.00009	.00022	.00008	.00020	.00004	.00005
%RSD	.32759	.23686	5.8685	.55951	2.0434	8.1637	.71329	.12274

#1	.01384	.23505	.00154	.04023	.00399	.00263	.00570	.04073
#2	.01376	.23478	.00150	.03996	.00404	.00239	.00572	.04081
#3	.01382	.23585	.00137	.03979	.00388	.00224	.00578	.04083

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	.01797	.00380	.02632	.00319	.00984	.08600	-.00039	.00543
Stddev	.00013	.00002	.00038	.00012	.00045	.00077	.00002	.00037
%RSD	.72758	.61292	1.4502	3.8580	4.5606	.89648	5.9030	6.7694

#1	.01812	.00378	.02643	.00325	.00953	.08584	-.00042	.00515
#2	.01794	.00382	.02664	.00305	.01036	.08532	-.00039	.00529
#3	.01786	.00379	.02590	.00328	.00965	.08684	-.00037	.00584

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	.00701	.00291	.03659	.00082	.02795	.04804	.82428	
Stddev	.00020	.00006	.00084	.00008	.00003	.00105	.00085	
%RSD	2.8460	2.1632	2.3067	10.129	.11120	2.1894	.10360	

#1	.00720	.00284	.03571	.00085	.02794	.04824	.82330	
#2	.00703	.00294	.03666	.00089	.02792	.04691	.82468	
#3	.00680	.00295	.03739	.00073	.02798	.04899	.82485	

Sample Name: S1 Acquired: 2/26/2018 11:17:58 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	1921.8	4409.0	46521.	9576.0	5203.9
Stddev	3.3	22.5	106.	72.5	25.3
%RSD	.17263	.51139	.22809	.75711	.48585
#1	1923.3	4391.8	46583.	9639.6	5188.7
#2	1924.1	4400.7	46582.	9591.4	5189.9
#3	1918.0	4434.5	46399.	9497.1	5233.1

Sample Name: S2 Acquired: 2/26/2018 11:22:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	.04506	.06402	1.2401	.06603	.13563	2.1696	6.5177	.47414
Stddev	.00044	.00088	.0120	.00070	.00107	.0199	.0353	.00455
%RSD	.96905	1.3679	.96551	1.0531	.78537	.91901	.54092	.96020

#1	.04467	.06305	1.2270	.06534	.13474	2.1487	6.4786	.47252
#2	.04497	.06427	1.2430	.06600	.13535	2.1717	6.5271	.47928
#3	.04553	.06475	1.2504	.06673	.13681	2.1884	6.5472	.47062

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.8669	2.9636	.56950	.55256	.38211	.87565	1.4202	.52343
Stddev	.0187	.0221	.00066	.00453	.00501	.00774	.0114	.00515
%RSD	1.0040	.74429	.11553	.81928	1.3123	.88369	.80119	.98419

#1	1.8476	2.9419	.57025	.54761	.37713	.86903	1.4081	.51852
#2	1.8680	2.9629	.56918	.55357	.38205	.87377	1.4220	.52298
#3	1.8851	2.9860	.56906	.55649	.38715	.88416	1.4306	.52879

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	.31626	.12607	.21856	.04032	.65127	.58986	.04051	.47860
Stddev	.00262	.00029	.00007	.00022	.00532	.00518	.00047	.00514
%RSD	.82737	.23106	.03155	.54795	.81611	.87865	1.1718	1.0736

#1	.31336	.12627	.21851	.04007	.65124	.58440	.03998	.47595
#2	.31699	.12620	.21864	.04043	.64597	.59048	.04062	.48453
#3	.31844	.12573	.21854	.04047	.65660	.59471	.04091	.47534

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	.91373	.03282	.50360	.11064	.37034	1.1636	10.987	
Stddev	.00964	.00047	.00316	.00090	.00054	.0062	.020	
%RSD	1.0546	1.4282	.62684	.81742	.14450	.53081	.18479	

#1	.90560	.03240	.50251	.10962	.37096	1.1573	10.972	
#2	.91121	.03273	.50716	.11095	.36998	1.1639	10.979	
#3	.92438	.03333	.50114	.11134	.37009	1.1696	11.010	

Sample Name: S2 Acquired: 2/26/2018 11:22:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	1777.1	4062.6	43840.	9473.7	4482.2
Stddev	4.2	22.7	189.	43.7	30.0
%RSD	.23634	.55951	.43049	.46091	.66968
#1	1773.4	4083.9	43739.	9521.9	4515.4
#2	1781.7	4065.3	44058.	9462.5	4474.0
#3	1776.3	4038.7	43724.	9436.8	4457.1

Sample Name: S3 Acquired: 2/26/2018 11:25:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	.08859	.12280	2.4252	.12890	.26648	4.2585	12.746	.92953
Stddev	.00158	.00250	.0417	.00252	.00450	.1201	.367	.02374
%RSD	1.7843	2.0326	1.7189	1.9538	1.6875	2.8200	2.8757	2.5539

#1	.08791	.12153	2.4019	.12802	.26462	4.2160	12.569	.92270
#2	.08747	.12119	2.4003	.12694	.26322	4.1654	12.502	.90995
#3	.09040	.12567	2.4733	.13174	.27161	4.3940	13.168	.95593

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	3.6372	5.7154	1.0931	1.0786	.73928	1.6971	2.7446	1.0308
Stddev	.0625	.1777	.0020	.0198	.01924	.0458	.0863	.0278
%RSD	1.7177	3.1090	.18658	1.8393	2.6021	2.7009	3.1461	2.6982

#1	3.6010	5.6300	1.0909	1.0679	.73594	1.6773	2.7061	1.0183
#2	3.6014	5.5965	1.0934	1.0664	.72193	1.6645	2.6843	1.0114
#3	3.7094	5.9196	1.0949	1.1015	.75997	1.7495	2.8435	1.0627

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	.61581	.25430	.42899	.07830	1.2704	1.1297	.08061	.94356
Stddev	.01232	.00082	.01138	.00201	.0123	.0292	.00169	.02410
%RSD	2.0002	.32114	2.6537	2.5667	.96987	2.5856	2.0989	2.5542

#1	.60870	.25477	.42362	.07791	1.2765	1.1261	.07983	.93422
#2	.60870	.25335	.42127	.07651	1.2562	1.1025	.07945	.92553
#3	.63003	.25476	.44206	.08048	1.2785	1.1605	.08255	.97093

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	1.7802	.06447	.91984	.21693	.72776	2.2860	21.624
Stddev	.0307	.00121	.02341	.00438	.01998	.0677	.577
%RSD	1.7222	1.8814	2.5450	2.0180	2.7457	2.9606	2.6685

#1	1.7646	.06384	.91294	.21452	.71219	2.2420	21.211
#2	1.7605	.06370	.90065	.21430	.72080	2.2520	21.378
#3	1.8155	.06587	.94593	.22199	.75029	2.3639	22.283

Sample Name: S3 Acquired: 2/26/2018 11:25:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	1722.1	3930.1	43406.	9337.1	4262.0
Stddev	9.1	58.1	121.	222.2	64.1
%RSD	.52984	1.4774	.27934	2.3795	1.5048
#1	1714.5	3955.3	43328.	9409.2	4298.6
#2	1732.2	3971.3	43546.	9514.3	4299.5
#3	1719.6	3863.7	43346.	9087.9	4188.0

Sample Name: S4 Acquired: 2/26/2018 11:29:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	.18971	.25175	5.0500	.27462	.56952	8.7793	26.130	1.8723
Stddev	.00053	.00100	.0100	.00095	.00221	.1214	.242	.0255
%RSD	.28107	.39606	.19884	.34599	.38874	1.3832	.92554	1.3596

#1	.19031	.25274	5.0579	.27571	.57203	8.7669	26.128	1.8820
#2	.18930	.25074	5.0387	.27395	.56781	8.9065	26.373	1.8915
#3	.18952	.25176	5.0534	.27420	.56873	8.6645	25.890	1.8434

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	7.5538	11.605	2.2563	2.2476	1.4966	3.3844	5.4572	2.1140
Stddev	.0060	.135	.0113	.0056	.0221	.0400	.0609	.0244
%RSD	.07888	1.1661	.50248	.24710	1.4794	1.1817	1.1159	1.1545

#1	7.5554	11.585	2.2466	2.2541	1.4966	3.3831	5.4404	2.1094
#2	7.5472	11.750	2.2535	2.2447	1.5187	3.4250	5.5247	2.1405
#3	7.5587	11.481	2.2688	2.2442	1.4745	3.3450	5.4064	2.0923

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	1.2764	.51553	.87971	.15756	2.6956	2.3042	.17453	1.8652
Stddev	.0024	.00144	.00999	.00237	.0209	.0319	.00097	.0270
%RSD	.18970	.27883	1.1357	1.5040	.77697	1.3865	.55679	1.4459

#1	1.2792	.51418	.87780	.15705	2.6776	2.3093	.17505	1.8783
#2	1.2748	.51537	.89052	.16014	2.7186	2.3333	.17341	1.8830
#3	1.2752	.51704	.87081	.15548	2.6906	2.2700	.17514	1.8341

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	3.7305	.14002	1.8401	.45173	1.4762	4.7292	43.834	
Stddev	.0088	.00075	.0268	.00153	.0096	.0325	.433	
%RSD	.23659	.53658	1.4561	.33819	.64746	.68737	.98839	

#1	3.7406	.14079	1.8505	.45344	1.4785	4.7300	44.101	
#2	3.7263	.13929	1.8602	.45050	1.4844	4.7613	44.066	
#3	3.7245	.13998	1.8097	.45125	1.4657	4.6963	43.334	

Sample Name: S4 Acquired: 2/26/2018 11:29:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	1564.1	3596.3	40589.	9097.5	3859.2
Stddev	8.1	14.7	199.	124.8	13.4
%RSD	.51604	.40789	.48955	1.3720	.34605
#1	1568.1	3579.4	40809.	9089.0	3843.8
#2	1554.8	3603.5	40533.	8977.2	3867.9
#3	1569.5	3605.9	40424.	9226.4	3865.8

Sample Name: S5 Acquired: 2/26/2018 11:33:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	.37875	.47209	9.6673	.54874	1.1422	17.130	49.799	3.5565
Stddev	.00083	.00178	.0413	.00077	.0026	.093	.740	.0197
%RSD	.21871	.37718	.42690	.14024	.23119	.54051	1.4853	.55497

#1	.37965	.47381	9.7063	.54942	1.1444	17.077	50.507	3.5593
#2	.37857	.47220	9.6241	.54790	1.1393	17.237	49.859	3.5747
#3	.37802	.47025	9.6714	.54889	1.1430	17.076	49.031	3.5355

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	14.248	21.852	4.2354	4.2632	2.9032	6.3435	10.247	4.0630
Stddev	.043	.121	.0097	.0180	.0161	.0319	.069	.0177
%RSD	.30496	.55173	.22869	.42235	.55588	.50278	.67730	.43474

#1	14.286	21.792	4.2404	4.2793	2.8946	6.3288	10.224	4.0549
#2	14.201	21.990	4.2417	4.2438	2.9218	6.3801	10.325	4.0832
#3	14.257	21.772	4.2243	4.2666	2.8931	6.3216	10.192	4.0508

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	2.4102	1.1585	1.6955	.29974	5.6288	4.4604	.34437	3.5208
Stddev	.0103	.0041	.0072	.00204	.0841	.0195	.00141	.0227
%RSD	.42848	.35224	.42696	.68208	1.4940	.43766	.40908	.64476

#1	2.4190	1.1601	1.6897	.29923	5.6510	4.4458	.34520	3.5196
#2	2.3988	1.1616	1.7036	.30199	5.6995	4.4826	.34518	3.5441
#3	2.4126	1.1539	1.6932	.29800	5.5358	4.4529	.34275	3.4988

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	7.3693	.27983	3.3996	.87024	2.8608	9.3220	84.783	
Stddev	.0184	.00162	.0226	.00409	.0078	.0160	.146	
%RSD	.24935	.57999	.66518	.47027	.27148	.17145	.17267	

#1	7.3836	.28152	3.3999	.87492	2.8680	9.3124	84.894	
#2	7.3486	.27969	3.4220	.86731	2.8620	9.3405	84.838	
#3	7.3757	.27828	3.3768	.86849	2.8525	9.3132	84.617	

Sample Name: S5 Acquired: 2/26/2018 11:33:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	1420.1	3312.7	39021.	8940.6	3584.7
Stddev	19.0	11.4	102.	18.1	15.9
%RSD	1.3349	.34370	.26219	.20278	.44234
#1	1405.2	3303.2	38921.	8936.3	3569.3
#2	1413.5	3325.3	39018.	8925.0	3601.0
#3	1441.4	3309.6	39125.	8960.5	3583.8

Sample Name: S6 Acquired: 2/26/2018 11:37:51 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	44.865	35.403	16.793	6.5934	4.7353
Stddev	.167	.210	.083	.0275	.0325
%RSD	.37133	.59340	.49512	.41680	.68621

#1	44.772	35.179	16.709	6.5655	4.7071
#2	44.764	35.435	16.795	6.5942	4.7281
#3	45.057	35.596	16.875	6.6204	4.7708

Int. Std.	Y_3710
Units	Cts/S
Avg	8731.6
Stddev	34.7
%RSD	.39694

#1	8745.6
#2	8757.0
#3	8692.1

Sample Name: ICV Acquired: 2/26/2018 11:42:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	.9651480	F 1.139920	.9855034	.9888249	.9510557	2.430499
Stddev	.0061726	.006655	.0054580	.0036507	.0047518	.008070
%RSD	.6395513	.5838256	.5538268	.3691914	.4996304	.3320163

#1	.9707395	1.145996	.9867170	.9890165	.9545403	2.436902
#2	.9585244	1.132807	.9795407	.9850822	.9456429	2.433162
#3	.9661800	1.140958	.9902524	.9923760	.9529839	2.421435

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5109136	.5020620	.5002492	10.77435	.5361043	.5016124
Stddev	.0027013	.0046297	.0024399	.04570	.0015261	.0024118
%RSD	.5287143	.9221456	.4877348	.4241975	.2846581	.4808028

#1	.5139201	.5056606	.5021470	10.82690	.5356562	.5034231
#2	.5101298	.5036863	.4974970	10.75226	.5348524	.4988747
#3	.5086910	.4968389	.5011037	10.74389	.5378042	.5025393

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5122726	5.589696	.5416432	6.029456	.5171400	F .4411147
Stddev	.0092497	.028946	.0028624	.013852	.0023215	.0011112
%RSD	1.805617	.5178459	.5284668	.2297418	.4489081	.2519020

#1	.5202210	5.611497	.5449481	6.018334	.5181290	.4400328
#2	.5144768	5.600736	.5399471	6.044972	.5144878	.4422530
#3	.5021199	5.556854	.5400345	6.025062	.5188032	.4410584

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.925064	.5238133	.9688531	10.05417	F .0123247	F .0116563
Stddev	.057831	.0016609	.0120192	.19535	.0011607	.0003251
%RSD	.5826743	.3170701	1.240555	1.943009	9.417860	2.788799

#1	9.981478	.5240365	.9550594	10.21743	.0123250	.0115096
#2	9.865913	.5253512	.9744231	10.10735	.0134853	.0120289
#3	9.927800	.5220521	.9770767	9.83774	.0111638	.0114304

Sample Name: ICV Acquired: 2/26/2018 11:42:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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 .0010320	.0164674	.0057614	F -.001714	.0001416	.0072549
Stddev	.0001675	.0039848	.0004061	.000337	.0006874	.0006119
%RSD	16.22831	24.19797	7.049419	19.63428	485.3418	8.434648

#1	.0008913	.0158384	.0053513	-.002100	.0000637	.0079122
#2	.0012173	.0128346	.0061634	-.001564	.0008647	.0071508
#3	.0009875	.0207293	.0057695	-.001478	-.000504	.0067017

Elem	Sr4077
Units	ppm
Avg	.0120154
Stddev	.0000781
%RSD	.6498817

#1	.0120053
#2	.0119429
#3	.0120981

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1870.204	4187.362	45439.56	9668.638	4885.638
Stddev	19.554	12.124	253.25	72.654	17.263
%RSD	1.045578	.2895433	.5573396	.7514438	.3533379

#1	1892.392	4178.647	45731.95	9604.337	4873.346
#2	1855.485	4201.208	45297.63	9654.123	4905.374
#3	1862.735	4182.231	45289.09	9747.455	4878.194

Sample Name: ICB Acquired: 2/26/2018 11:46:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	-.001271	-.000138	-.000157	-.000376	-.000036	.0037794	-.000365
Stddev	.000696	.002025	.000346	.002059	.000570	.0040652	.000137
%RSD	54.80158	1464.190	220.5622	548.0006	1583.898	107.5622	37.63389

#1	-.002003	-.001151	-.000541	.001125	.000420	.0020175	-.000218
#2	-.001191	.002194	.000132	-.002723	.000147	.0008923	-.000491
#3	-.000617	-.001457	-.000062	.000471	-.000675	.0084284	-.000386

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000422	.0000340	.0039744	.0004209	.0001713	.0028590	-.004461
Stddev	.0000929	.0000657	.0036562	.0005260	.0001183	.0014683	.004472
%RSD	219.9717	193.1208	91.99368	124.9757	69.07313	51.35731	100.2438

#1	.0001031	-.000034	.0033136	.0005559	.0002882	.0011893	-.000635
#2	-.000065	.000040	.0006937	-.000159	.0000516	.0039487	-.009377
#3	.000088	.000097	.0079160	.000866	.0001742	.0034389	-.003371

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000255	.0167371	.0004846	.0001228	-.073520	-.002332	.0020442
Stddev	.000296	.0146918	.0003793	.0001403	.159581	.001867	.0018280
%RSD	116.0880	87.78019	78.26871	114.2604	217.0585	80.06548	89.42632

#1	-.000338	.0248456	.0005618	-.000030	.043784	-.002301	.0041421
#2	.000074	-.000222	.0000727	.000152	-.255241	-.004214	.0011966
#3	-.000501	.025588	.0008194	.000246	-.009103	-.000481	.0007937

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.043365	-.002650	.0037541	.0002138	.0056270	-.000948	.0003166
Stddev	.000693	.000534	.0005242	.0002354	.0011914	.000153	.0003341
%RSD	1.596946	20.15565	13.96274	110.0957	21.17202	16.18058	105.5181

#1	-.043937	-.003054	.0034495	.0004225	.0059655	-.000806	.0002997
#2	-.042595	-.002851	.0034534	.0002602	.0043030	-.001110	.0006589
#3	-.043563	-.002044	.0043593	-.000041	.0066125	-.000927	-.000009

Sample Name: ICB Acquired: 2/26/2018 11:46:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	.0008162	.0016339	.0000341
Stddev	.0009582	.0005250	.0000256
%RSD	117.3890	32.12949	75.06274

#1	-.000050	.0017400	.0000462
#2	.001845	.0020978	.0000047
#3	.000654	.0010640	.0000514

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1980.394	4382.826	48186.68	10015.77	5291.090
Stddev	9.331	4.767	145.67	114.76	7.866
%RSD	.4711659	.1087739	.3023117	1.145813	.1486709

#1	1990.192	4380.404	48319.63	10034.48	5289.881
#2	1979.377	4388.318	48209.45	9892.80	5299.491
#3	1971.613	4379.756	48030.96	10120.03	5283.898

Sample Name: ICSA Acquired: 2/26/2018 11:50:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010222	-.004752	-.005249	.0001854	.0037451	238.7567
Stddev	.0043898	.000727	.001570	.0024621	.0021234	1.2278
%RSD	429.4467	15.30755	29.91853	1328.387	56.69829	.5142634

#1	.0035639	-.005443	-.004543	.0014576	.0031191	238.9539
#2	.0035493	-.004819	-.004155	-.002653	.0061112	239.8741
#3	-.004047	-.003993	-.007048	.001751	.0020051	237.4423

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047140	.0011879	-.000747	252.7351	.0521412	-.000259
Stddev	.0002091	.0001374	.000131	.7336	.0003112	.000302
%RSD	4.435099	11.56636	17.55799	.2902765	.5968286	116.9610

#1	.0046764	.0013302	-.000817	252.5495	.0518627	-.000334
#2	.0049393	.0011775	-.000829	253.5437	.0524771	-.000516
#3	.0045263	.0010559	-.000596	252.1121	.0520839	.000074

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001474	101.7126	.0118880	252.9637	.0035876	.0019797
Stddev	.000835	.6462	.0005518	1.0824	.0003347	.0000807
%RSD	56.62054	.6353376	4.641341	.4278969	9.328357	4.074085

#1	-.000943	101.7955	.0118348	252.8790	.0034136	.0020655
#2	-.002436	102.3134	.0113648	254.0861	.0033757	.0019054
#3	-.001043	101.0290	.0124645	251.9262	.0039734	.0019683

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0269112	.0010355	-.015823	-.098223	-.006107	F .0590380
Stddev	.1013945	.0010807	.001102	.060241	.003420	.0006435
%RSD	376.7739	104.3605	6.965050	61.33147	56.00301	1.089901

#1	.0161594	.0019671	-.016417	-.102213	-.007880	.0583619
#2	-.068679	-.000149	-.014552	-.036085	-.008277	.0596429
#3	.133253	.001289	-.016501	-.156370	-.002164	.0591091

Sample Name: ICSA Acquired: 2/26/2018 11:50:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015320	.0290116	-.003395	-.001277	.0003961	.0040891
Stddev	.0003795	.0037947	.000134	.000632	.0006438	.0006172
%RSD	24.76988	13.07985	3.954788	49.49223	162.5315	15.09329

#1	.0012051	.0259158	-.003299	-.000980	.0005746	.0044526
#2	.0019481	.0278740	-.003337	-.002003	-.000318	.0033765
#3	.0014427	.0332449	-.003548	-.000848	.000932	.0044383

Elem	Sr4077
Units	ppm
Avg	.1016178
Stddev	.0002249
%RSD	.2213173

#1	.1014125
#2	.1018582
#3	.1015828

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.781	3821.601	42781.32	9518.213	4101.077
Stddev	6.875	24.897	125.15	22.886	24.289
%RSD	.3920378	.6514816	.2925456	.2404486	.5922518

#1	1749.884	3839.335	42826.15	9491.921	4121.080
#2	1761.720	3832.330	42877.88	9529.046	4108.101
#3	1749.739	3793.138	42639.92	9533.671	4074.050

Sample Name: ICSAB Acquired: 2/26/2018 11:54:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1034026	.1080852	.0424835	.0539864	.5976581	243.1654
Stddev	.0025237	.0011444	.0009215	.0049053	.0045945	1.3657
%RSD	2.440648	1.058769	2.169107	9.086258	.7687479	.5616387

#1	.1060750	.1090007	.0434961	.0567186	.5926483	244.4449
#2	.1030728	.1068022	.0416942	.0483234	.5986513	241.7273
#3	.1010600	.1084526	.0422601	.0569172	.6016748	243.3242

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5206245	.5058677	1.040773	256.5689	.5829626	.5172985
Stddev	.0013893	.0035365	.004949	1.0620	.0015306	.0030646
%RSD	.2668504	.6990932	.4754903	.4139223	.2625565	.5924235

#1	.5219340	.5089649	1.040222	257.5893	.5840201	.5162072
#2	.5191672	.5020143	1.036123	255.4697	.5812075	.5149289
#3	.5207724	.5066239	1.045975	256.6476	.5836602	.5207593

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4986542	103.6553	.5326539	257.4695	1.044947	F .0719155
Stddev	.0008697	.3092	.0032967	.8498	.006918	.0002055
%RSD	.1744134	.2983299	.6189280	.3300732	.6620013	.2857259

#1	.4994606	103.9599	.5358054	258.1833	1.041762	.0718734
#2	.4987694	103.3416	.5292290	256.5294	1.040196	.0717342
#3	.4977326	103.6644	.5329274	257.6956	1.052883	.0721387

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.079556	.5114441	.9867452	.0430777	.0087144	F .0617510
Stddev	.081081	.0008926	.0171520	.0360910	.0019865	.0025562
%RSD	101.9161	.1745215	1.738237	83.78128	22.79524	4.139456

#1	.000238	.5118525	.9674984	.0738212	.0086222	.0588124
#2	-.161866	.5120594	1.000413	.0033402	.0107454	.0629801
#3	-.077041	.5104204	.992324	.0520717	.0067757	.0634604

Sample Name: ICSAB Acquired: 2/26/2018 11:54:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026599	.0323165	-.000001	-.003911	-.002842	.0058851
Stddev	.0004313	.0057833	.001916	.001351	.001439	.0008310
%RSD	16.21308	17.89578	172896.8	34.53117	50.61878	14.12090

#1	.0022760	.0373325	-.002111	-.002398	-.001520	.0061890
#2	.0025772	.0259906	.000478	-.004993	-.004374	.0049449
#3	.0031266	.0336264	.001630	-.004343	-.002631	.0065214

Elem	Sr4077
Units	ppm
Avg	.1037800
Stddev	.0003145
%RSD	.3030262

#1	.1040859
#2	.1034576
#3	.1037964

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1709.760	3791.349	42155.87	9465.606	4068.938
Stddev	16.160	15.464	166.66	71.926	21.086
%RSD	.9451559	.4078729	.3953337	.7598661	.5182158

#1	1728.277	3799.483	42301.31	9386.898	4071.964
#2	1698.504	3801.048	42192.28	9527.919	4088.347
#3	1702.501	3773.516	41974.02	9482.000	4046.502

Sample Name: CCV016 Acquired: 2/26/2018 12:08:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV016 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.857561	4.823726	24.02313	4.942492	4.935038	372.3716	9.574953
Stddev	.011909	.007636	.01881	.017759	.020451	2.9402	.070068
%RSD	.2451651	.1582944	.0783060	.3593155	.4144097	.7895985	.7317803

#1	4.871312	4.829017	24.03674	4.961006	4.951890	372.2119	9.555374
#2	4.850735	4.814972	24.03100	4.925599	4.940939	375.3885	9.652727
#3	4.850635	4.827189	24.00167	4.940870	4.912285	369.5145	9.516757

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4658124	2.413591	375.6676	14.79759	2.427527	13.95345	380.5624
Stddev	.0019257	.005065	2.4437	.01952	.004611	.12152	1.8605
%RSD	.4134038	.2098733	.6504891	.1319068	.1899607	.8709168	.4888925

#1	.4669851	2.417207	375.3919	14.78286	2.429862	13.95330	380.2874
#2	.4668622	2.415765	378.2374	14.81973	2.430503	14.07504	382.5452
#3	.4635900	2.407802	373.3734	14.79019	2.422215	13.83200	378.8547

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.92487	379.3366	2.433251	1.202774	370.5038	2.336910	13.88278
Stddev	.09978	2.0180	.003063	.004017	2.3329	.018859	.05872
%RSD	.7165751	.5319830	.1258921	.3339394	.6296649	.8069932	.4229841

#1	13.88780	378.9289	2.435826	1.204062	370.1362	2.339798	13.90405
#2	14.03788	381.5274	2.434064	1.198272	372.9987	2.354158	13.92791
#3	13.84893	377.5536	2.429863	1.205989	368.3765	2.316774	13.81639

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	139.7703	4.635461	4.662119	4.849184	5.017344	4.486302	4.830122
Stddev	1.3672	.006353	.023125	.012038	.007044	.017420	.010069
%RSD	.9781915	.1370542	.4960138	.2482546	.1403891	.3883004	.2084535

#1	140.0595	4.632592	4.670323	4.863071	5.010117	4.499359	4.841532
#2	140.9697	4.631049	4.680023	4.842780	5.024189	4.493025	4.826346
#3	138.2816	4.642743	4.636011	4.841702	5.017725	4.466522	4.822486

Sample Name: CCV016 Acquired: 2/26/2018 12:08:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV016 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.778193	4.856107	4.908546
Stddev	.016380	.021524	.094184
%RSD	.3428151	.4432384	1.918773

#1	4.765619	4.846574	4.993759
#2	4.796717	4.880752	4.924462
#3	4.772243	4.840996	4.807419

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1532.489	3434.715	40009.57	9304.799	3651.460
Stddev	7.386	7.638	75.69	72.177	2.199
%RSD	.4819650	.2223634	.1891897	.7757008	.0602147

#1	1526.167	3425.948	39922.48	9261.674	3648.956
#2	1530.692	3439.928	40046.74	9264.597	3652.350
#3	1540.608	3438.268	40059.50	9388.125	3653.074

Sample Name: CCB016 Acquired: 2/26/2018 12:12:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB016 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000367	.0020057	.0006096	-.001534	-.001059	-.005386	-.000503
Stddev	.000248	.0014915	.0012165	.001171	.001931	.009635	.000525
%RSD	67.58221	74.36572	199.5726	76.33858	182.4163	178.8972	104.3692

#1	-.000112	.0005239	.0013781	-.001060	-.000977	-.012013	-.001017
#2	-.000608	.0035068	.0012436	-.000674	-.003029	-.009812	-.000526
#3	-.000381	.0019864	-.000793	-.002867	.000830	.005667	.000033

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000332	-.000014	.0085251	.0003094	-.000031	.0047202	.0017900
Stddev	.0000202	.000036	.0057462	.0001825	.000070	.0009045	.0007521
%RSD	60.93513	248.4895	67.40302	58.98541	224.5070	19.16180	42.01414

#1	.0000304	-.000036	.0085632	.0001101	-.000002	.0050176	.0017158
#2	.0000146	.000027	.0027600	.0004683	-.000110	.0037045	.0025765
#3	.0000547	-.000034	.0142522	.0003497	.000020	.0054386	.0010778

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000172	.0177710	.0002493	.0004439	-.013477	-.002748	.0028794
Stddev	.000269	.0094900	.0001238	.0001122	.078949	.002095	.0008459
%RSD	155.7496	53.40165	49.64543	25.27652	585.8047	76.23262	29.37784

#1	-.000035	.0206884	.0001140	.0005599	-.095347	-.001753	.0032016
#2	-.000482	.0254598	.0003568	.0004361	-.007268	-.005154	.0019197
#3	-.000000	.0071648	.0002771	.0003358	.062184	-.001335	.0035168

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023210	-.001282	.0049783	.0002735	.0107461	-.002405	.0003074
Stddev	.019813	.000829	.0005335	.0001731	.0011508	.000273	.0004905
%RSD	85.36159	64.65512	10.71569	63.28133	10.70891	11.34494	159.5544

#1	-.004220	-.001003	.0055572	.0004674	.0102890	-.002341	.0002745
#2	-.021656	-.000628	.0045064	.0001344	.0120552	-.002169	.0008134
#3	-.043754	-.002214	.0048714	.0002188	.0098941	-.002704	-.000166

Sample Name: CCB016 Acquired: 2/26/2018 12:12:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB016 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003149	.0014074	.0000388
Stddev	.0004743	.0006503	.0000213
%RSD	150.6492	46.20327	55.02164

#1	.0007456	.0021467	.0000142
#2	.0003925	.0009242	.0000527
#3	-.000193	.0011512	.0000494

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1937.419	4257.111	47463.37	10014.33	5175.020
Stddev	9.356	5.366	216.25	79.14	8.586
%RSD	.4829099	.1260434	.4556244	.7902236	.1659073

#1	1948.181	4250.947	47701.67	9925.40	5165.239
#2	1932.855	4260.738	47408.85	10040.58	5181.312
#3	1931.221	4259.648	47279.59	10077.00	5178.509

Sample Name: J1532-08A Acquired: 2/26/2018 12:16:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA688A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2067479	.0068011	1.422277	.0075542	.0051547	67.82201	1.490453
Stddev	.0019598	.0022702	.006346	.0014719	.0003605	.13494	.000391
%RSD	.9479109	33.38001	.4462096	19.48465	6.992860	.1989650	.0262381

#1	.2088723	.0069120	1.429048	.0088720	.0055121	67.66644	1.490160
#2	.2063611	.0044775	1.416464	.0059658	.0047913	67.90728	1.490897
#3	.2050104	.0090138	1.421319	.0078248	.0051605	67.89232	1.490303

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093694	.0076567	50.93446	.1341810	.2121460	.1433699	170.9311
Stddev	.0000783	.0001384	.06891	.0003035	.0007392	.0006025	.1468
%RSD	.8362184	1.807230	.1352949	.2261713	.3484148	.4202281	.0859075

#1	.0094074	.0077727	50.86421	.1344092	.2129357	.1438941	170.9098
#2	.0094216	.0076937	51.00195	.1338366	.2114707	.1427117	170.7961
#3	.0092794	.0075035	50.93722	.1342971	.2120317	.1435039	171.0875

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.77396	22.94906	.1415463	.0026925	.3001863	.3079003	1.409309
Stddev	.02822	.05834	.0011985	.0001699	.1218159	.0032419	.017520
%RSD	.1910014	.2541962	.8467426	6.309191	40.58009	1.052894	1.243176

#1	14.77421	23.01163	.1429293	.0027723	.1947798	.3114380	1.390341
#2	14.80205	22.89618	.1408991	.0024974	.2722286	.3071914	1.412702
#3	14.74562	22.93937	.1408106	.0028077	.4335507	.3050716	1.424885

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.488291	3.846857	.1186951	.0055955	3.635126	5.451181	.0058783
Stddev	.107926	.048047	.0032323	.0001646	.035126	.044840	.0006677
%RSD	1.271465	1.248992	2.723207	2.941758	.9662894	.8225800	11.35947

#1	8.532227	3.900067	.1163301	.0054584	3.673316	5.487065	.0054978
#2	8.567320	3.806649	.1173771	.0057780	3.604199	5.465562	.0066493
#3	8.365328	3.833854	.1223782	.0055500	3.627864	5.400914	.0054877

Sample Name: J1532-08A Acquired: 2/26/2018 12:16:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA688A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5407963	.0426882	.0535507
Stddev	.0032087	.0010185	.0000901
%RSD	.5933283	2.386000	.1682695

#1	.5443939	.0427092	.0535330
#2	.5397647	.0436960	.0536483
#3	.5382303	.0416593	.0534707

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2171.906	4762.907	53826.65	11793.38	4669.981
Stddev	10.491	26.644	167.35	48.91	24.048
%RSD	.4830304	.5594133	.3108972	.4147514	.5149553

#1	2184.017	4735.142	54018.98	11756.72	4643.166
#2	2166.110	4765.312	53746.72	11774.51	4677.139
#3	2165.592	4788.268	53714.27	11848.92	4689.638

Sample Name: J1610-02DLX10 Acquired: 2/26/2018 12:20:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114481	.0002120	.3517074	.0017243	.0015845	3.560444	4.240933
Stddev	.0008452	.0000931	.0025064	.0010923	.0012682	.053169	.051313
%RSD	7.383202	43.93101	.7126427	63.34588	80.03794	1.493338	1.209945

#1	.0110509	.0001473	.3523144	.0013898	.0029393	3.604554	4.285962
#2	.0124187	.0003187	.3538545	.0029448	.0004256	3.575372	4.251770
#3	.0108746	.0001699	.3489532	.0008385	.0013887	3.501407	4.185067

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008086	.0011302	21.24726	.0258923	.0068300	.0346480	26.97885
Stddev	.0000302	.0000200	.26591	.0002476	.0001360	.0008840	.31384
%RSD	3.733582	1.773308	1.251510	.9561871	1.991094	2.551410	1.163269

#1	.0008400	.0011103	21.45757	.0256586	.0067357	.0351209	27.23619
#2	.0008059	.0011504	21.33584	.0261517	.0069859	.0336281	27.07114
#3	.0007798	.0011300	20.94836	.0258667	.0067683	.0351950	26.62921

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5776206	10.21458	.0104579	.0007139	-.067563	.0345369	.4700594
Stddev	.0069694	.11442	.0001850	.0000749	.106779	.0018058	.0086825
%RSD	1.206563	1.120203	1.768490	10.49127	158.0431	5.228554	1.847102

#1	.5837389	10.29950	.0103826	.0006532	-.079990	.0361845	.4641910
#2	.5790888	10.25978	.0103226	.0007976	.044885	.0326063	.4659540
#3	.5700341	10.08446	.0106687	.0006909	-.167585	.0348198	.4800332

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4184675	.5637370	.0211161	.0010626	1.259044	1.077774	.0005049
Stddev	.0308290	.0048365	.0008884	.0001156	.015741	.011644	.0005535
%RSD	7.367110	.8579259	4.207270	10.87594	1.250244	1.080361	109.6221

#1	.4401998	.5655652	.0220189	.0010966	1.253127	1.090917	-.000028
#2	.3831840	.5673929	.0210866	.0009339	1.276886	1.073660	.000467
#3	.4320186	.5582530	.0202429	.0011574	1.247118	1.068746	.001077

Sample Name: J1610-02DLX10 Acquired: 2/26/2018 12:20:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0861629	.0034577	.0558394
Stddev	.0017295	.0006316	.0006980
%RSD	2.007214	18.26635	1.250037

#1	.0860292	.0036609	.0564861
#2	.0879553	.0039628	.0559328
#3	.0845041	.0027496	.0550995

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1974.708	4347.578	48311.48	10222.02	5090.933
Stddev	14.692	16.602	330.24	153.97	20.457
%RSD	.7440099	.3818754	.6835671	1.506213	.4018254

#1	1966.301	4351.603	48153.05	10074.64	5098.169
#2	1991.672	4329.333	48691.09	10209.61	5067.842
#3	1966.150	4361.798	48090.31	10381.82	5106.789

Sample Name: J1610-04DLX10 Acquired: 2/26/2018 12:25:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057788	-.001013	.6045327	.0010624	.0017565	1.567925	3.393198
Stddev	.0015992	.000402	.0047844	.0005711	.0013227	.019804	.027394
%RSD	27.67391	39.67660	.7914268	53.75665	75.30263	1.263100	.8073132

#1	.0056475	-.000589	.6049034	.0005290	.0016336	1.584050	3.410442
#2	.0074395	-.001388	.5995737	.0016649	.0031364	1.545820	3.361610
#3	.0042492	-.001063	.6091210	.0009933	.0004996	1.573906	3.407541

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003963	.0087455	196.0926	.0057582	.0019343	.0262562	13.98340
Stddev	.0000586	.0001010	1.9538	.0003813	.0001144	.0027769	.15094
%RSD	14.78877	1.154894	.9963777	6.622254	5.916208	10.57633	1.079414

#1	.0004636	.0088040	197.5678	.0057276	.0018764	.0247230	14.06527
#2	.0003688	.0086289	193.8767	.0053931	.0020661	.0294618	13.80921
#3	.0003566	.0088037	196.8332	.0061539	.0018603	.0245840	14.07571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3920986	107.6156	.0100102	.0006529	.1215868	.0135280	1.321666
Stddev	.0067658	.8697	.0004841	.0001900	.0686961	.0008426	.015860
%RSD	1.725530	.8081597	4.836076	29.10400	56.49969	6.228338	1.199970

#1	.3963261	108.2749	.0100886	.0004533	.0429313	.0141289	1.329079
#2	.3842952	106.6299	.0094917	.0008316	.1698114	.0138902	1.303457
#3	.3956745	107.9419	.0104503	.0006737	.1520176	.0125649	1.332462

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1376392	.2023160	.0137489	.0025136	2.789708	.6092887	-.002737
Stddev	.0531679	.0011256	.0003430	.0001509	.023820	.0047350	.000614
%RSD	38.62841	.5563608	2.494509	6.003460	.8538525	.7771359	22.44176

#1	.0866515	.2022568	.0141175	.0026414	2.790324	.6092170	-.003245
#2	.1335187	.2012212	.0136899	.0025523	2.765585	.6045900	-.002911
#3	.1927475	.2034701	.0134392	.0023471	2.813213	.6140591	-.002054

Sample Name: J1610-04DLX10 Acquired: 2/26/2018 12:25:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6K4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0223906	.0049414	.0985664
Stddev	.0001561	.0007022	.0003160
%RSD	.6972439	14.21058	.3205587

#1	.0223285	.0056059	.0984274
#2	.0225683	.0050115	.0983438
#3	.0222752	.0042068	.0989281

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1819.784	3969.142	44599.58	9871.868	4450.165
Stddev	10.215	25.654	66.66	80.962	25.083
%RSD	.5613169	.6463351	.1494582	.8201248	.5636357

#1	1808.220	3978.860	44551.90	9785.006	4450.019
#2	1823.558	3988.518	44571.08	9945.233	4475.320
#3	1827.575	3940.049	44675.75	9885.365	4425.155

Sample Name: J1610-05DLX10 Acquired: 2/26/2018 12:29:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161798	.0006373	.2976422	.0007755	.0001173	8.322065	1.876271
Stddev	.0007371	.0007170	.0043044	.0019127	.0005503	.017258	.003549
%RSD	4.555440	112.4971	1.446170	246.6592	469.1073	.2073784	.1891622

#1	.0156338	.0014271	.2981368	.0001339	.0005997	8.335177	1.874449
#2	.0170182	.0004576	.3016779	-.000734	-.000482	8.328505	1.874002
#3	.0158874	.0000273	.2931118	.002926	.000234	8.302513	1.880361

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010590	.0007473	8.193106	.0202380	.0177682	.0333508	22.69752
Stddev	.0000819	.0000288	.007376	.0002081	.0002514	.0014141	.08238
%RSD	7.732928	3.853530	.0900230	1.028423	1.415019	4.240211	.3629662

#1	.0011525	.0007146	8.191932	.0202835	.0177971	.0332954	22.71703
#2	.0010244	.0007585	8.186388	.0204196	.0180039	.0319652	22.60714
#3	.0010001	.0007688	8.200998	.0200109	.0175036	.0347918	22.76840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.766523	4.010598	.0164872	.0005116	-.022777	.0368984	.3572597
Stddev	.003914	.005210	.0002149	.0000583	.057733	.0012663	.0043982
%RSD	.2215938	.1299062	1.303632	11.38684	253.4667	3.431741	1.231088

#1	1.767725	4.011832	.0165230	.0005776	-.087357	.0354901	.3595513
#2	1.769695	4.015080	.0162566	.0004675	.023834	.0372620	.3600390
#3	1.762148	4.004881	.0166820	.0004897	-.004808	.0379431	.3521890

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.143492	.7455566	.0164194	.0009961	.6801847	.4442409	.0014695
Stddev	.015559	.0076181	.0009440	.0002212	.0080532	.0031898	.0008161
%RSD	1.360627	1.021802	5.749567	22.20876	1.183974	.7180295	55.53543

#1	1.155407	.7493492	.0166232	.0010909	.6819219	.4408599	.0016500
#2	1.125890	.7505340	.0153902	.0011542	.6872275	.4471969	.0005783
#3	1.149179	.7367866	.0172450	.0007433	.6714047	.4446657	.0021804

Sample Name: J1610-05DLX10 Acquired: 2/26/2018 12:29:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1050433	.0055105	.0210052
Stddev	.0006745	.0003852	.0001376
%RSD	.6420886	6.991072	.6549345

#1	.1043957	.0050656	.0209471
#2	.1049926	.0057336	.0209062
#3	.1057418	.0057322	.0211623

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1947.904	4252.427	47654.42	10273.54	4967.444
Stddev	15.812	42.255	261.70	66.62	46.307
%RSD	.8117577	.9936755	.5491678	.6485024	.9322155

#1	1953.864	4236.560	47776.76	10333.88	4957.448
#2	1959.869	4220.402	47832.54	10202.04	4926.950
#3	1929.977	4300.320	47353.95	10284.71	5017.932

Sample Name: J1610-06DLX10 Acquired: 2/26/2018 12:33:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171315	.0027879	.3011649	.0011398	.0015057	8.746405	1.968732
Stddev	.0011230	.0027591	.0033392	.0033787	.0008677	.053947	.013644
%RSD	6.555105	98.96698	1.108764	296.4235	57.63124	.6167934	.6930470

#1	.0177121	.0059726	.3022411	-.000747	.0024817	8.781293	1.982613
#2	.0158370	.0011216	.2974202	.005041	.0008215	8.773653	1.968245
#3	.0178452	.0012694	.3038332	-.000874	.0012138	8.684268	1.955337

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011430	.0007053	8.596290	.0201983	.0183287	.0353590	23.82316
Stddev	.0000272	.0000659	.055919	.0005183	.0001885	.0030894	.11485
%RSD	2.377111	9.342543	.6505005	2.565921	1.028315	8.737127	.4820924

#1	.0011439	.0007778	8.637710	.0207967	.0182458	.0322524	23.93190
#2	.0011154	.0006491	8.618477	.0198988	.0181959	.0353937	23.83454
#3	.0011697	.0006889	8.532682	.0198993	.0185444	.0384308	23.70305

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.849852	4.208805	.0166210	.0005860	-.016207	.0401949	.3656173
Stddev	.011927	.038351	.0005184	.0003118	.079435	.0028631	.0072826
%RSD	.6447505	.9112060	3.118718	53.20812	490.1218	7.123026	1.991855

#1	1.854206	4.241687	.0164428	.0009358	.053587	.0393752	.3732932
#2	1.858990	4.218053	.0162152	.0004852	-.102646	.0433784	.3588051
#3	1.836359	4.166676	.0172049	.0003371	.000437	.0378310	.3647536

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.211655	.7576186	.0161109	.0009248	.6905324	.4709511	.0008390
Stddev	.047234	.0063428	.0003451	.0002332	.0078841	.0050045	.0003924
%RSD	3.898313	.8371990	2.142259	25.21361	1.141740	1.062643	46.77168

#1	1.175922	.7601708	.0158983	.0007521	.6840671	.4651773	.0003951
#2	1.265206	.7503974	.0159252	.0008323	.6882145	.4736317	.0009823
#3	1.193836	.7622878	.0165091	.0011900	.6993156	.4740444	.0011397

Sample Name: J1610-06DLX10 Acquired: 2/26/2018 12:33:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6K5D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1112766	.0059014	.0220163
Stddev	.0012626	.0007127	.0001798
%RSD	1.134677	12.07741	.8167724

#1	.1124004	.0054437	.0222091
#2	.1099103	.0067226	.0218531
#3	.1115192	.0055380	.0219868

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.808	4374.604	48450.51	10179.40	5102.055
Stddev	16.350	20.541	324.35	59.05	23.659
%RSD	.8271133	.4695478	.6694536	.5800545	.4637090

#1	1960.718	4368.543	48139.41	10244.14	5095.222
#2	1993.407	4397.494	48786.67	10128.51	5128.378
#3	1976.301	4357.776	48425.46	10165.55	5082.565

Sample Name: J1610-07DLX10 Acquired: 2/26/2018 12:37:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0263402	.0148890	.2997873	.0124609	.0202478	9.101272	2.599693
Stddev	.0002413	.0013055	.0036502	.0008754	.0011680	.020417	.003208
%RSD	.9159478	8.768211	1.217579	7.025331	5.768608	.2243328	.1234042

#1	.0265174	.0157509	.3036199	.0122901	.0193548	9.120518	2.601690
#2	.0264379	.0155292	.2963521	.0134092	.0198191	9.079857	2.595993
#3	.0260655	.0133870	.2993898	.0116835	.0215696	9.103442	2.601397

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117620	.0116385	8.360812	.0664557	.1260828	.0875641	23.58776
Stddev	.0001168	.0001127	.016070	.0004029	.0011279	.0009283	.01451
%RSD	.9931668	.9682850	.1922013	.6063255	.8945841	1.060080	.0615074

#1	.0118876	.0117684	8.343021	.0660011	.1269261	.0868616	23.60231
#2	.0116566	.0115664	8.365143	.0667689	.1248016	.0872143	23.57329
#3	.0117418	.0115808	8.374273	.0665971	.1265207	.0886164	23.58768

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.912660	4.090741	.1272687	.0098362	-.068219	.1455279	.4616459
Stddev	.009202	.014471	.0008893	.0002139	.106018	.0012206	.0086704
%RSD	.4810849	.3537555	.6987423	2.175044	155.4066	.8387675	1.878148

#1	1.911086	4.105817	.1276137	.0100268	.012059	.1461288	.4562547
#2	1.904348	4.076962	.1262586	.0098771	-.188398	.1463316	.4716474
#3	1.922547	4.089443	.1279337	.0096048	-.028320	.1441233	.4570355

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.192157	.7530864	.0159017	.0008070	.7288968	1.130593	.0013151
Stddev	.028607	.0103717	.0000603	.0002038	.0117935	.011085	.0004193
%RSD	2.399628	1.377230	.3792545	25.24902	1.617997	.9804632	31.88724

#1	1.159744	.7615110	.0159708	.0010400	.7422433	1.139354	.0010741
#2	1.202848	.7415023	.0158744	.0006623	.7198803	1.118130	.0010719
#3	1.213879	.7562457	.0158598	.0007188	.7245667	1.134294	.0017993

Sample Name: J1610-07DLX10 Acquired: 2/26/2018 12:37:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1289829	.0062885	.0233869
Stddev	.0017796	.0007854	.0001487
%RSD	1.379730	12.48976	.6358424

#1	.1298748	.0069224	.0232375
#2	.1269337	.0065332	.0233883
#3	.1301402	.0054099	.0235349

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1929.329	4272.416	47192.32	10106.60	4987.741
Stddev	21.592	31.953	354.49	66.64	39.741
%RSD	1.119144	.7478869	.7511703	.6593965	.7967785

#1	1952.998	4240.376	47540.70	10068.79	4955.914
#2	1910.709	4304.280	46832.01	10183.55	5032.284
#3	1924.281	4272.592	47204.25	10067.47	4975.025

Sample Name: J1610-05LDLX50 Acquired: 2/26/2018 12:41:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060161	.0008356	.0630122	.0000912	-.000157	1.886869	.4434744
Stddev	.0012815	.0017606	.0010190	.0021559	.001089	.016986	.0030558
%RSD	21.30074	210.6978	1.617143	2363.468	692.5205	.9002327	.6890671

#1	.0047497	-.001197	.0641413	.0013835	-.000533	1.881340	.4414915
#2	.0073121	.001886	.0621611	-.002398	-.001008	1.905931	.4469936
#3	.0059863	.001818	.0627340	.001288	.001070	1.873336	.4419382

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002879	.0001568	1.834500	.0042187	.0038147	.0113237	5.094473
Stddev	.0000927	.0000486	.014259	.0000979	.0000913	.0023909	.047718
%RSD	32.20375	31.01564	.7772861	2.321848	2.392283	21.11382	.9366682

#1	.0002472	.0001311	1.831842	.0042375	.0038457	.0085635	5.040739
#2	.0002225	.0001264	1.849901	.0041127	.0037119	.0127503	5.131900
#3	.0003940	.0002129	1.821757	.0043059	.0038864	.0126573	5.110779

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3961559	.9212160	.0034512	.0002795	-.054394	.0056571	.0780934
Stddev	.0052615	.0234835	.0003545	.0003093	.208242	.0044583	.0031214
%RSD	1.328128	2.549185	10.27072	110.6893	382.8400	78.80880	3.996975

#1	.3911566	.8971123	.0038287	.0000926	.182991	.0089990	.0763334
#2	.4016453	.9440258	.0033994	.0001093	-.139909	.0005950	.0762495
#3	.3956658	.9225099	.0031255	.0006365	-.206264	.0073774	.0816974

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2430915	.1573765	.0031691	.0002232	.1593122	.1740006	-.000140
Stddev	.0677081	.0015547	.0002261	.0001390	.0005714	.0027481	.000487
%RSD	27.85294	.9878763	7.133050	62.26028	.3586589	1.579357	347.7003

#1	.2722349	.1591023	.0030376	.0001316	.1590476	.1762760	.000127
#2	.2913480	.1569417	.0034302	.0003832	.1599679	.1747784	.000155
#3	.1656915	.1560855	.0030397	.0001550	.1589210	.1709475	-.000703

Sample Name: J1610-05LDLX50 Acquired: 2/26/2018 12:41:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0259851	.0014360	.0049099
Stddev	.0009193	.0005351	.0000347
%RSD	3.537709	37.26773	.7074118

#1	.0249263	.0018297	.0048821
#2	.0265802	.0008266	.0049489
#3	.0264488	.0016515	.0048988

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1902.698	4243.742	46578.65	9834.031	5070.278
Stddev	23.450	23.578	264.11	77.109	28.461
%RSD	1.232467	.5555867	.5670103	.7841079	.5613369

#1	1875.922	4216.592	46327.12	9806.066	5037.548
#2	1912.590	4255.570	46555.07	9774.805	5084.077
#3	1919.581	4259.064	46853.75	9921.221	5089.210

Sample Name: J1610-08DLX10 Acquired: 2/26/2018 12:45:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187205	-.000246	1.228987	.0003028	.0003682	8.813408	4.164438
Stddev	.0022082	.001168	.006604	.0014552	.0005618	.094878	.033369
%RSD	11.79542	475.2958	.5373284	480.6445	152.5677	1.076513	.8012785

#1	.0202392	.000343	1.228154	.0000295	.0009585	8.892978	4.191423
#2	.0197348	.000511	1.222838	-.000996	.0003061	8.708406	4.127127
#3	.0161874	-.001591	1.235967	.001875	-.000160	8.838838	4.174764

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012299	.0039828	33.99622	.0241230	.0141010	.0619872	32.47741
Stddev	.0000812	.0000585	.28310	.0001381	.0002515	.0007385	.31284
%RSD	6.604561	1.468223	.8327369	.5723751	1.783505	1.191435	.9632554

#1	.0012611	.0039237	34.31450	.0242820	.0139034	.0628070	32.74021
#2	.0012909	.0040406	33.77252	.0240330	.0143841	.0617808	32.13137
#3	.0011377	.0039843	33.90165	.0240540	.0140154	.0613739	32.56066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.240238	16.30614	.0208515	.0012958	.0289063	.0383687	.9286899
Stddev	.013364	.08459	.0001388	.0000566	.0371694	.0017947	.0117789
%RSD	1.077514	.5187679	.6654315	4.367129	128.5859	4.677392	1.268339

#1	1.253196	16.38514	.0206926	.0012305	.0252046	.0369792	.9411848
#2	1.226503	16.21689	.0209488	.0013270	.0677881	.0403949	.9177894
#3	1.241015	16.31639	.0209130	.0013300	-.006274	.0377320	.9270955

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.197081	.7997180	.0233921	.0015834	1.614129	1.646245	.0343699
Stddev	.025388	.0101886	.0005784	.0001537	.012693	.011438	.0009602
%RSD	2.120817	1.274027	2.472582	9.707968	.7863860	.6948094	2.793834

#1	1.195938	.7956310	.0231110	.0016161	1.604873	1.654242	.0348016
#2	1.172283	.7922074	.0230080	.0017180	1.608915	1.651349	.0332696
#3	1.223021	.8113156	.0240573	.0014159	1.628599	1.633143	.0350386

Sample Name: J1610-08DLX10 Acquired: 2/26/2018 12:45:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6K6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0825246	.0053211	.0510106
Stddev	.0015309	.0006596	.0002371
%RSD	1.855083	12.39555	.4647881

#1	.0842306	.0059869	.0511861
#2	.0820725	.0053085	.0507408
#3	.0812706	.0046679	.0511047

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1955.846	4120.148	47851.77	10391.87	4724.819
Stddev	7.977	19.660	79.88	42.89	24.330
%RSD	.4078762	.4771604	.1669414	.4126973	.5149485

#1	1947.415	4119.352	47941.87	10343.16	4727.075
#2	1956.848	4140.193	47789.60	10408.50	4747.943
#3	1963.275	4100.898	47823.86	10423.95	4699.440

Sample Name: J1614-01DLX10 Acquired: 2/26/2018 12:49:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6P5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064538	-.000246	.2630772	.0025882	.0011436	6.915954	2.323829
Stddev	.0021493	.001852	.0007281	.0014071	.0010609	.214913	.069579
%RSD	33.30234	753.2502	.2767550	54.36509	92.76722	3.107492	2.994155

#1	.0054508	.000042	.2632174	.0015924	-.000025	6.725773	2.260552
#2	.0049893	.001445	.2622892	.0041979	.001411	7.149106	2.398343
#3	.0089212	-.002225	.2637249	.0019743	.002045	6.872983	2.312593

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006784	.0034675	3.910864	.0149739	.0086150	.5769532	20.24761
Stddev	.0000503	.0000450	.126311	.0006156	.0001284	.0191290	.58835
%RSD	7.410384	1.298268	3.229735	4.111066	1.490612	3.315526	2.905756

#1	.0007283	.0034438	3.815782	.0155964	.0085083	.5627308	19.82595
#2	.0006277	.0034393	4.054186	.0143655	.0087576	.5987004	20.91975
#3	.0006792	.0035194	3.862625	.0149597	.0085792	.5694284	19.99714

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5940029	1.310932	.0203225	.0006049	.1696978	.0224808	.5351083
Stddev	.0186546	.029422	.0005601	.0002242	.1042721	.0008999	.0050399
%RSD	3.140489	2.244322	2.756174	37.05833	61.44572	4.003140	.9418531

#1	.5774148	1.296481	.0203489	.0003467	.1756995	.0224616	.5318795
#2	.6141974	1.344785	.0197496	.0007184	.2708394	.0233901	.5325296
#3	.5903966	1.291531	.0208689	.0007496	.0625546	.0215906	.5409158

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7340457	.4396633	.0147256	.0012897	.7816378	.2650385	.0041710
Stddev	.0631314	.0039071	.0013477	.0001587	.0067385	.0074750	.0011258
%RSD	8.600467	.8886664	9.152147	12.30582	.8620952	2.820345	26.99134

#1	.6757101	.4381480	.0138130	.0011569	.7830999	.2594689	.0047636
#2	.8010723	.4441011	.0162736	.0014655	.7875253	.2735339	.0028727
#3	.7253547	.4367408	.0140903	.0012467	.7742884	.2621128	.0048766

Sample Name: J1614-01DLX10 Acquired: 2/26/2018 12:49:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6P5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0773583	.0055420	.0332677
Stddev	.0011808	.0004421	.0008809
%RSD	1.526407	7.977535	2.647924

#1	.0765546	.0057310	.0324242
#2	.0787140	.0058583	.0341818
#3	.0768063	.0050368	.0331971

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1964.231	4302.752	48118.70	10242.15	5104.988
Stddev	5.319	3.225	82.07	273.74	.940
%RSD	.2707895	.0749523	.1705613	2.672679	.0184158

#1	1970.224	4306.354	48024.56	10474.37	5106.061
#2	1960.071	4300.132	48156.30	9940.33	5104.589
#3	1962.399	4301.770	48175.23	10311.75	5104.313

Sample Name: J1614-02DLX10 Acquired: 2/26/2018 12:53:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6P6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138891	.0009770	.6120780	.0011382	-.000045	10.32241	2.386368
Stddev	.0031908	.0017743	.0005732	.0013380	.001059	.02617	.000582
%RSD	22.97337	181.6032	.0936556	117.5584	2363.179	.2535014	.0243834

#1	.0175271	.0011113	.6124919	.0002417	.000641	10.29271	2.386819
#2	.0115652	-.000861	.6123184	.0004966	-.001265	10.33244	2.386573
#3	.0125750	.002680	.6114237	.0026761	.000489	10.34208	2.385711

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012981	.0010019	7.600550	.0389721	.0162433	.0910754	33.31452
Stddev	.0000124	.0000634	.003766	.0004564	.0001126	.0012154	.03433
%RSD	.9527059	6.323521	.0495502	1.171172	.6931367	1.334441	.1030421

#1	.0012943	.0009288	7.599970	.0394906	.0161189	.0916052	33.32996
#2	.0012880	.0010407	7.597108	.0386310	.0162728	.0919360	33.27518
#3	.0013119	.0010362	7.604573	.0387947	.0163383	.0896851	33.33842

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.412043	3.398158	.0301346	.0008425	.0131205	.0417922	.3628183
Stddev	.001911	.046513	.0002920	.0001053	.1453002	.0009858	.0049944
%RSD	.1353256	1.368760	.9690143	12.49551	1107.433	2.358858	1.376559

#1	1.411370	3.399699	.0302293	.0007216	-.038561	.0416943	.3606669
#2	1.410560	3.443882	.0303675	.0008922	.177196	.0428233	.3592600
#3	1.414200	3.350895	.0298070	.0009137	-.099274	.0408589	.3685278

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.265187	.5936820	.0201604	.0036158	.7478635	.1911768	.0027179
Stddev	.013695	.0022263	.0012217	.0002864	.0074976	.0012956	.0004004
%RSD	1.082410	.3749966	6.059897	7.920760	1.002538	.6777154	14.73100

#1	1.270924	.5958504	.0213566	.0038921	.7439382	.1913363	.0030446
#2	1.275079	.5937935	.0202100	.0033203	.7565088	.1923853	.0022713
#3	1.249557	.5914020	.0189147	.0036351	.7431434	.1898088	.0028377

Sample Name: J1614-02DLX10 Acquired: 2/26/2018 12:53:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6P6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1087733	.0060775	.0232674
Stddev	.0013007	.0013770	.0000269
%RSD	1.195740	22.65711	.1155158

#1	.1081610	.0045769	.0232685
#2	.1102671	.0063725	.0232938
#3	.1078919	.0072831	.0232401

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1983.494	4327.774	48663.96	10406.74	5049.205
Stddev	7.043	5.279	51.46	53.40	3.594
%RSD	.3550921	.1219755	.1057544	.5131518	.0711863

#1	1975.365	4321.719	48722.95	10466.72	5045.055
#2	1987.775	4331.411	48628.24	10364.34	5051.207
#3	1987.341	4330.191	48640.68	10389.18	5051.352

Sample Name: J1614-03DLX10 Acquired: 2/26/2018 12:58:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6P7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0332759	.0009314	2.286740	.0017397	.0021659	13.28621	2.246290
Stddev	.0045074	.0021764	.028681	.0021491	.0007113	.07006	.003061
%RSD	13.54543	233.6664	1.254210	123.5322	32.83869	.5273403	.1362591

#1	.0368708	.0024020	2.254144	.0030635	.0020591	13.36696	2.248894
#2	.0347378	-.001569	2.308105	-.000740	.0029246	13.24145	2.247057
#3	.0282190	.001961	2.297972	.002895	.0015141	13.25023	2.242918

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016406	.0005882	13.37140	.0200317	.0182757	.0559232	47.44054
Stddev	.0000261	.0000072	.04551	.0002578	.0003125	.0012899	.21904
%RSD	1.590255	1.221294	.3403362	1.287149	1.709783	2.306511	.4617249

#1	.0016687	.0005938	13.41452	.0203198	.0179210	.0544779	47.65204
#2	.0016358	.0005801	13.32384	.0199528	.0185105	.0569576	47.21466
#3	.0016172	.0005907	13.37584	.0198226	.0183955	.0563342	47.45491

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.210289	6.983051	.0226526	.0010102	.0069607	.0558043	.7075470
Stddev	.008155	.053757	.0002595	.0001960	.0502587	.0019031	.0090639
%RSD	.6738253	.7698161	1.145520	19.40142	722.0390	3.410296	1.281029

#1	1.218511	6.990793	.0223726	.0008878	.0550149	.0550923	.7098230
#2	1.202202	6.925843	.0227003	.0012362	.0111121	.0543600	.7152560
#3	1.210154	7.032517	.0228850	.0009066	-.045245	.0579608	.6975621

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.298518	.5342799	.0275116	.0030844	.9682745	.2086003	.0016093
Stddev	.028124	.0061415	.0010780	.0000539	.0040227	.0016472	.0010453
%RSD	2.165854	1.149490	3.918268	1.749094	.4154548	.7896383	64.95005

#1	1.324651	.5281808	.0287564	.0031149	.9638870	.2104204	.0004032
#2	1.302148	.5341960	.0268894	.0030221	.9691474	.2072121	.0021726
#3	1.268755	.5404629	.0268892	.0031162	.9717892	.2081684	.0022520

Sample Name: J1614-03DLX10 Acquired: 2/26/2018 12:58:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6P7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0915182	.0082818	.0230920
Stddev	.0006247	.0008785	.0000515
%RSD	.6826183	10.60748	.2229019

#1	.0922340	.0078490	.0230514
#2	.0912378	.0092928	.0231499
#3	.0910828	.0077038	.0230747

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1958.764	4300.964	48037.42	10322.20	4981.603
Stddev	10.456	40.997	161.92	44.89	53.971
%RSD	.5338293	.9532036	.3370739	.4348770	1.083409

#1	1954.192	4346.881	47955.17	10300.93	5042.693
#2	1951.373	4268.033	47933.13	10373.78	4940.385
#3	1970.728	4287.977	48223.96	10291.91	4961.731

Sample Name: J1614-05DLX10 Acquired: 2/26/2018 13:02:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6P9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0250356	.0007529	.5005574	.0039168	.0019604	17.51365	2.809275
Stddev	.0045672	.0020195	.0039367	.0015767	.0005831	.05638	.016694
%RSD	18.24273	268.2203	.7864592	40.25387	29.74053	.3219250	.5942359

#1	.0248330	.0028126	.5044377	.0023672	.0026173	17.48514	2.814600
#2	.0297008	.0006699	.5006680	.0055192	.0017599	17.57859	2.822657
#3	.0205731	-.001224	.4965666	.0038640	.0015041	17.47722	2.790569

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024454	.0009880	10.21310	.0189038	.0202655	.2792601	85.48080
Stddev	.0001178	.0000470	.09734	.0001827	.0001432	.0016710	.55766
%RSD	4.818323	4.762523	.9530748	.9666695	.7067083	.5983736	.6523794

#1	.0023094	.0010161	10.21392	.0188951	.0204006	.2811891	85.40698
#2	.0025169	.0009337	10.31003	.0187255	.0201154	.2782537	86.07169
#3	.0025099	.0010142	10.11536	.0190907	.0202804	.2783377	84.96372

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8128306	5.412038	.0344297	.0016694	.2034045	.0745999	1.098065
Stddev	.0045821	.011742	.0003835	.0002381	.0215990	.0009004	.002796
%RSD	.5637205	.2169603	1.113938	14.26286	10.61873	1.206960	.2546332

#1	.8100533	5.405619	.0348272	.0017075	.1799905	.0755733	1.100398
#2	.8181193	5.425590	.0344001	.0018861	.2225516	.0744296	1.094966
#3	.8103192	5.404904	.0340619	.0014145	.2076713	.0737968	1.098831

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.051428	.6556736	.0490132	.0019625	.8362686	.2739994	.0003009
Stddev	.037934	.0069274	.0013267	.0002052	.0100902	.0018449	.0005149
%RSD	3.607900	1.056527	2.706841	10.45603	1.206568	.6733235	171.1473

#1	1.024587	.6623422	.0486767	.0017652	.8453010	.2724172	.0006593
#2	1.034870	.6485136	.0504758	.0021748	.8253788	.2760259	.0005325
#3	1.094826	.6561650	.0478872	.0019475	.8381259	.2735551	-.000289

Sample Name: J1614-05DLX10 Acquired: 2/26/2018 13:02:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6P9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1187088	.0088161	.0287532
Stddev	.0020628	.0004158	.0002607
%RSD	1.737693	4.716858	.9066902

#1	.1191192	.0091065	.0287313
#2	.1205356	.0083397	.0290241
#3	.1164717	.0090021	.0285041

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2023.737	4453.659	49541.73	10494.17	5121.131
Stddev	30.611	49.014	379.29	29.97	49.940
%RSD	1.512610	1.100543	.7655913	.2856002	.9751820

#1	1996.738	4397.955	49218.33	10506.94	5064.035
#2	2056.993	4472.841	49959.20	10459.93	5142.676
#3	2017.480	4490.182	49447.65	10515.65	5156.682

Sample Name: J1614-06DLX10 Acquired: 2/26/2018 13:06:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160093	-.000189	1.329694	-.000197	.0025729	13.54178	2.863476
Stddev	.0000934	.001319	.008231	.001098	.0001869	.07797	.017993
%RSD	.5835162	696.3118	.6189801	557.9133	7.263415	.5757822	.6283483

#1	.0159666	-.000245	1.338264	.000597	.0024869	13.63116	2.880307
#2	.0161165	.001156	1.328967	-.001449	.0027873	13.48770	2.865609
#3	.0159449	-.001480	1.321851	.000262	.0024446	13.50648	2.844512

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012156	-.000109	6.046826	.0231255	.0170358	.0268293	31.00579
Stddev	.0000680	.000027	.056501	.0001359	.0003097	.0012402	.29794
%RSD	5.596695	24.93947	.9343860	.5874361	1.817747	4.622687	.9609079

#1	.0012072	-.000103	6.110604	.0230436	.0170835	.0274532	31.33971
#2	.0011522	-.000139	6.026836	.0230506	.0173188	.0254010	30.91052
#3	.0012875	-.000085	6.003037	.0232823	.0167050	.0276336	30.76714

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.454081	3.037221	.0173228	.0007797	-.205273	.0471379	.2142908
Stddev	.007814	.023088	.0003449	.0002002	.142108	.0015629	.0023007
%RSD	.5374021	.7601649	1.991257	25.67333	69.22875	3.315596	1.073617

#1	1.461934	3.056107	.0173939	.0007943	-.146160	.0489182	.2144138
#2	1.454002	3.044073	.0169478	.0005726	-.102263	.0459917	.2119311
#3	1.446306	3.011483	.0176266	.0009721	-.367396	.0465039	.2165275

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.704302	.6177448	.0190831	.0012151	.8684241	.2723731	.0017235
Stddev	.050229	.0053365	.0013092	.0001121	.0040410	.0015427	.0008971
%RSD	2.947172	.8638685	6.860422	9.222064	.4653224	.5663797	52.05115

#1	1.668235	.6177274	.0202218	.0011530	.8703876	.2740305	.0012615
#2	1.683001	.6230900	.0193749	.0013445	.8711081	.2709790	.0027575
#3	1.761671	.6124170	.0176527	.0011479	.8637766	.2721099	.0011516

Sample Name: J1614-06DLX10 Acquired: 2/26/2018 13:06:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6Q0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1485878	.0080568	.0359022
Stddev	.0006549	.0014477	.0001895
%RSD	.4407184	17.96821	.5278091

#1	.1491200	.0083666	.0359643
#2	.1487870	.0093244	.0360529
#3	.1478565	.0064793	.0356895

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1949.137	4304.037	47803.26	10196.40	5016.690
Stddev	27.709	24.711	508.67	51.72	26.341
%RSD	1.421609	.5741306	1.064097	.5072002	.5250757

#1	1965.799	4276.234	48007.16	10166.17	4989.065
#2	1964.462	4312.383	48178.35	10256.11	5019.478
#3	1917.151	4323.494	47224.27	10166.91	5041.526

Sample Name: J1614-07DLX10 Acquired: 2/26/2018 13:10:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214745	-.000934	.4332351	-.000085	.0002942	17.61903	2.916213
Stddev	.0033218	.000514	.0016939	.004088	.0013031	.12036	.016976
%RSD	15.46851	54.97480	.3909893	4801.436	442.9075	.6831232	.5821254

#1	.0186439	-.000957	.4318642	-.004595	-.000942	17.74071	2.935473
#2	.0251314	-.001436	.4327123	.003377	.001655	17.61635	2.909740
#3	.0206482	-.000410	.4351288	.000962	.000170	17.50004	2.903426

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017976	.0002865	51.79852	.0238319	.0137937	.0326339	35.65894
Stddev	.0000917	.0000042	.34698	.0004427	.0001268	.0010221	.26422
%RSD	5.100214	1.469408	.6698656	1.857380	.9195409	3.131870	.7409641

#1	.0017055	.0002817	52.19124	.0243425	.0138949	.0321024	35.87218
#2	.0017985	.0002880	51.67091	.0235953	.0136514	.0338122	35.74129
#3	.0018889	.0002897	51.53342	.0235577	.0138349	.0319871	35.36336

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.062348	28.70393	.0226825	.0009973	.0125156	.0618455	.3510314
Stddev	.007392	.14590	.0004178	.0002288	.1436848	.0015135	.0018688
%RSD	.6958272	.5083026	1.842068	22.94157	1148.045	2.447281	.5323592

#1	1.070619	28.81617	.0231382	.0007410	-.151665	.0607730	.3489092
#2	1.060038	28.75663	.0223174	.0011808	.115313	.0635768	.3517542
#3	1.056387	28.53900	.0225920	.0010702	.073899	.0611867	.3524308

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.413758	.4870975	.0215292	.0009279	.7227448	.4402970	-.000251
Stddev	.017231	.0053297	.0015948	.0001799	.0039174	.0026167	.000294
%RSD	1.218790	1.094164	7.407654	19.38270	.5420144	.5943087	117.2066

#1	1.417381	.4813747	.0225242	.0007978	.7185262	.4410833	-.000466
#2	1.395004	.4879988	.0223736	.0011332	.7234404	.4373772	-.000370
#3	1.428889	.4919190	.0196897	.0008528	.7262678	.4424303	.000084

Sample Name: J1614-07DLX10 Acquired: 2/26/2018 13:10:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6Q1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0736411	.0085237	.0391908
Stddev	.0011754	.0002274	.0000948
%RSD	1.596161	2.667619	.2418405

#1	.0749978	.0083721	.0392230
#2	.0729960	.0087851	.0392652
#3	.0729293	.0084138	.0390841

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.839	4317.029	48313.25	10426.83	4862.625
Stddev	4.399	15.041	184.05	59.98	12.235
%RSD	.2225501	.3484081	.3809519	.5752385	.2516122

#1	1974.780	4300.277	48101.30	10385.48	4848.637
#2	1981.890	4329.376	48432.77	10495.62	4871.336
#3	1973.846	4321.433	48405.67	10399.38	4867.903

Sample Name: J1614-09DLX10 Acquired: 2/26/2018 13:14:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134851	.0009544	.2855997	.0012509	.0003208	8.852794	3.625979
Stddev	.0014406	.0006683	.0024240	.0021813	.0005744	.015060	.007169
%RSD	10.68318	70.02550	.8487434	174.3802	179.0390	.1701134	.1977118

#1	.0138496	.0015080	.2836308	.0035473	.0009284	8.840510	3.619020
#2	.0147085	.0002120	.2883070	.0009990	-.000213	8.848277	3.625575
#3	.0118972	.0011432	.2848612	-.000794	.000247	8.869596	3.633341

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011820	.0003192	4.969748	.0195448	.0126036	.0410002	31.04752
Stddev	.0000732	.0000416	.024983	.0003299	.0000724	.0017483	.06684
%RSD	6.191530	13.02991	.5026990	1.687975	.5741935	4.264216	.2152942

#1	.0011357	.0002722	4.947311	.0193767	.0125919	.0395365	31.00564
#2	.0012664	.0003514	4.965263	.0193328	.0125379	.0405279	31.01231
#3	.0011439	.0003340	4.996669	.0199249	.0126812	.0429362	31.12461

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8693392	2.031409	.0161920	.0005977	.0528998	.0387587	.3377700
Stddev	.0012638	.015131	.0002518	.0002279	.0505769	.0008254	.0020148
%RSD	.1453774	.7448519	1.554838	38.12210	95.60880	2.129688	.5964900

#1	.8707321	2.044728	.0163902	.0008321	.0834723	.0378058	.3398989
#2	.8682658	2.034542	.0159087	.0005842	.0807066	.0392530	.3375180
#3	.8690196	2.014957	.0162770	.0003769	-.005480	.0392173	.3358931

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9774898	.4856611	.0172620	.0012891	1.071749	.2442251	.0011474
Stddev	.0000490	.0031300	.0005970	.0000980	.005362	.0018420	.0002110
%RSD	.0050086	.6444816	3.458282	7.599309	.5002756	.7542354	18.38520

#1	.9775373	.4889567	.0165881	.0013518	1.065806	.2424341	.0009870
#2	.9774927	.4852985	.0177247	.0011763	1.076222	.2441268	.0010687
#3	.9774395	.4827283	.0174731	.0013394	1.073220	.2461142	.0013864

Sample Name: J1614-09DLX10 Acquired: 2/26/2018 13:14:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1054798	.0057094	.0430169
Stddev	.0005515	.0002311	.0002163
%RSD	.5228519	4.046777	.5029250

#1	.1048830	.0059337	.0428754
#2	.1055856	.0057224	.0429095
#3	.1059707	.0054721	.0432660

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1993.927	4294.466	48751.72	10444.37	5052.205
Stddev	7.847	16.399	190.89	46.61	17.412
%RSD	.3935361	.3818737	.3915528	.4462672	.3446408

#1	1999.006	4312.937	48934.70	10498.15	5071.399
#2	1997.886	4288.840	48766.66	10415.79	5047.793
#3	1984.889	4281.619	48553.80	10419.17	5037.424

Sample Name: J1614-15DLX10 Acquired: 2/26/2018 13:18:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162185	-.000150	1.956793	.0034088	.0013317	15.77505	4.297994
Stddev	.0008742	.001226	.006367	.0022869	.0010352	.07651	.018548
%RSD	5.390289	815.6963	.3253707	67.08958	77.73854	.4849967	.4315612

#1	.0157146	-.000796	1.949489	.0008828	.0019116	15.75429	4.286544
#2	.0157128	.001264	1.959723	.0040049	.0001365	15.85980	4.319394
#3	.0172279	-.000919	1.961167	.0053387	.0019469	15.71106	4.288042

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018682	.0006646	12.13733	.0234997	.0184877	.0583111	48.88659
Stddev	.0000732	.0000216	.04346	.0005269	.0001289	.0005983	.08073
%RSD	3.919263	3.251685	.3580788	2.242079	.6971968	1.026050	.1651280

#1	.0019026	.0006752	12.12253	.0237602	.0186237	.0577367	48.83228
#2	.0017841	.0006398	12.18626	.0238456	.0183674	.0589308	48.97935
#3	.0019179	.0006789	12.10320	.0228934	.0184720	.0582659	48.84813

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.581778	7.491166	.0250576	.0013318	.0550651	.0646678	1.359862
Stddev	.002724	.047757	.0005441	.0000838	.1295283	.0016744	.018359
%RSD	.1722209	.6375061	2.171468	6.290448	235.2275	2.589294	1.350098

#1	1.583639	7.544939	.0255515	.0013469	.0975025	.0638164	1.347060
#2	1.583044	7.474860	.0251470	.0012415	.1580515	.0665969	1.351630
#3	1.578651	7.453697	.0244743	.0014070	-.090359	.0635902	1.380897

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.030497	.3802843	.0280073	.0012736	.8965372	.2309544	.0011748
Stddev	.052670	.0037427	.0010439	.0001150	.0073888	.0004199	.0004779
%RSD	5.111078	.9841771	3.727141	9.031098	.8241495	.1818307	40.67757

#1	1.086808	.3760033	.0269460	.0011517	.8880095	.2307743	.0012552
#2	.982444	.3829373	.0290329	.0012889	.9010329	.2306544	.0006618
#3	1.022239	.3819123	.0280431	.0013802	.9005691	.2314343	.0016074

Sample Name: J1614-15DLX10 Acquired: 2/26/2018 13:18:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6Q7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0805716	.0089068	.0273990
Stddev	.0013231	.0006122	.0000770
%RSD	1.642086	6.873984	.2809565

#1	.0795223	.0093102	.0274536
#2	.0801348	.0092080	.0274326
#3	.0820579	.0082023	.0273110

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2024.375	4439.889	49426.99	10607.80	5111.192
Stddev	21.767	6.317	210.82	29.98	3.063
%RSD	1.075260	.1422867	.4265344	.2826238	.0599201

#1	2044.637	4442.733	49600.51	10578.77	5114.719
#2	2027.125	4444.284	49488.09	10605.99	5109.653
#3	2001.364	4432.649	49192.36	10638.64	5109.204

Sample Name: J1614-16DLX10 Acquired: 2/26/2018 13:22:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098166	.0012143	.2633371	.0014711	.0005487	6.640534	3.462974
Stddev	.0025462	.0017824	.0013665	.0013212	.0005752	.005634	.005089
%RSD	25.93777	146.7812	.5189109	89.81089	104.8235	.0848485	.1469513

#1	.0068765	-.000287	.2639026	.0029927	.0012119	6.646590	3.467983
#2	.0112716	.000746	.2617786	.0006150	.0002487	6.639565	3.463131
#3	.0113016	.003184	.2643300	.0008055	.0001856	6.635447	3.457809

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007172	.0003605	6.903627	.0128656	.0113878	.0475373	19.63384
Stddev	.0000697	.0000552	.030858	.0001816	.0002122	.0006026	.07696
%RSD	9.713447	15.32251	.4469807	1.411690	1.863071	1.267659	.3919905

#1	.0007954	.0003719	6.916375	.0128924	.0112374	.0474376	19.72252
#2	.0006620	.0004091	6.926069	.0126720	.0116305	.0481835	19.59456
#3	.0006940	.0003004	6.868438	.0130323	.0112956	.0469907	19.58445

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.226047	2.385508	.0121681	.0003504	-.043650	.0241284	.2398022
Stddev	.004643	.016857	.0001959	.0000842	.090807	.0014559	.0012661
%RSD	.3787084	.7066256	1.610114	24.01949	208.0332	6.033894	.5279913

#1	1.231131	2.389497	.0120819	.0004349	.029263	.0224687	.2408394
#2	1.224981	2.400012	.0120300	.0002666	-.014849	.0251898	.2383912
#3	1.222030	2.367015	.0123923	.0003496	-.145365	.0247266	.2401759

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7218579	.3660988	.0132575	.0009753	1.013317	.2474180	.0004131
Stddev	.0377612	.0016013	.0006823	.0002287	.006873	.0016677	.0007579
%RSD	5.231112	.4373991	5.146691	23.44650	.6782238	.6740365	183.4763

#1	.7640910	.3679394	.0128332	.0007726	1.006887	.2493292	.0007639
#2	.6913508	.3650257	.0140445	.0009301	1.012503	.2462586	.0009321
#3	.7101318	.3653314	.0128947	.0012232	1.020560	.2466661	-.000457

Sample Name: J1614-16DLX10 Acquired: 2/26/2018 13:22:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6Q8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0845208	.0043348	.0427457
Stddev	.0005629	.0004732	.0002069
%RSD	.6659432	10.91626	.4839296

#1	.0850817	.0039000	.0429602
#2	.0839560	.0048388	.0425474
#3	.0845246	.0042654	.0427295

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1971.702	4318.690	48096.25	10254.97	5101.166
Stddev	6.467	17.407	292.99	83.93	15.611
%RSD	.3279729	.4030562	.6091798	.8184721	.3060209

#1	1965.561	4327.465	47792.18	10186.28	5097.843
#2	1971.095	4329.963	48119.83	10348.53	5118.170
#3	1978.451	4298.642	48376.74	10230.11	5087.483

Sample Name: J1614-18DLX10 Acquired: 2/26/2018 13:26:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177254	-.003117	.3137656	.0025944	.0001077	10.77023	2.217664
Stddev	.0025459	.001205	.0015249	.0011590	.0002721	.22288	.051286
%RSD	14.36292	38.65485	.4859969	44.67319	252.8067	2.069439	2.312603

#1	.0204476	-.002999	.3120186	.0020426	-.000204	11.01155	2.276002
#2	.0154033	-.004376	.3144488	.0039261	.000232	10.72701	2.197313
#3	.0173252	-.001975	.3148294	.0018144	.000295	10.57212	2.179678

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011565	.0006263	39.33861	.0175130	.0118132	.1109219	24.23867
Stddev	.0000184	.0000145	.87337	.0000735	.0001667	.0017684	.52528
%RSD	1.594582	2.311789	2.220142	.4196131	1.411491	1.594274	2.167111

#1	.0011774	.0006185	40.28653	.0175519	.0118829	.1123903	24.81602
#2	.0011496	.0006430	39.16278	.0174283	.0119337	.1114166	24.11097
#3	.0011424	.0006174	38.56654	.0175590	.0116229	.1089589	23.78901

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6492877	21.14023	.0189937	.0005517	.0047781	.0423730	.2401255
Stddev	.0107504	.46481	.0003453	.0001416	.0709371	.0017484	.0045919
%RSD	1.655723	2.198706	1.817858	25.67358	1484.632	4.126323	1.912295

#1	.6608470	21.65387	.0187243	.0004569	-.015764	.0443621	.2402593
#2	.6474271	21.01826	.0188739	.0007145	.083719	.0410791	.2446491
#3	.6395890	20.74857	.0193829	.0004836	-.053621	.0416778	.2354682

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.527682	.4496519	.0171554	.0016961	.8756714	.2423694	-.000491
Stddev	.049839	.0056294	.0001995	.0000933	.0085077	.0061292	.000552
%RSD	3.262393	1.251938	1.163015	5.502806	.9715670	2.528859	112.4550

#1	1.583388	.4559913	.0173472	.0015886	.8786127	.2488129	-.000049
#2	1.512344	.4477268	.0171699	.0017436	.8823182	.2416830	-.001110
#3	1.487315	.4452377	.0169490	.0017561	.8660833	.2366124	-.000315

Sample Name: J1614-18DLX10 Acquired: 2/26/2018 13:26:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6R0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0725124	.0061755	.0334800
Stddev	.0017575	.0010798	.0007536
%RSD	2.423689	17.48472	2.250839

#1	.0745247	.0072492	.0343410
#2	.0717339	.0050897	.0331584
#3	.0712787	.0061876	.0329406

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1939.281	4224.179	47491.88	10298.97	4842.788
Stddev	1.761	4.798	92.45	204.75	3.635
%RSD	.0907872	.1135761	.1946557	1.988111	.0750498

#1	1938.661	4228.530	47396.80	10078.88	4840.022
#2	1941.267	4219.034	47581.45	10334.22	4841.439
#3	1937.914	4224.973	47497.39	10483.81	4846.905

Sample Name: J1614-19DLX10 Acquired: 2/26/2018 13:30:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131717	.0005355	.3459752	.0040384	.0013242	11.64125	2.310013
Stddev	.0003053	.0020395	.0035932	.0008212	.0002809	.03645	.011305
%RSD	2.317877	380.8306	1.038582	20.33416	21.21099	.3131367	.4894052

#1	.0130856	.0027600	.3500576	.0039356	.0010254	11.64280	2.317321
#2	.0135108	.0000930	.3432923	.0049061	.0013643	11.67690	2.315727
#3	.0129187	-.001246	.3445756	.0032735	.0015828	11.60404	2.296991

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010007	.0001947	5.326934	.0218743	.0163486	.0383543	29.02303
Stddev	.0000322	.0000547	.020987	.0005172	.0002888	.0010310	.08987
%RSD	3.213736	28.09208	.3939795	2.364412	1.766784	2.688061	.3096652

#1	.0010168	.0001344	5.345273	.0217153	.0166727	.0391894	29.01615
#2	.0010217	.0002410	5.331484	.0214553	.0161185	.0386716	29.11615
#3	.0009637	.0002087	5.304045	.0224523	.0162545	.0372020	28.93679

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9974304	2.365645	.0159379	.0006610	-.051808	.0460128	.4265299
Stddev	.0039584	.028704	.0002623	.0000351	.301590	.0013883	.0034630
%RSD	.3968543	1.213350	1.645450	5.303476	582.1277	3.017174	.8119108

#1	.9952062	2.333033	.0159997	.0006509	-.314048	.0475998	.4255912
#2	1.002001	2.387073	.0161637	.0007000	.277754	.0454150	.4236330
#3	.995084	2.376830	.0156503	.0006321	-.119132	.0450235	.4303656

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.335488	.6972730	.0176102	.0012181	.7377346	.3519296	.0031387
Stddev	.064333	.0067288	.0005350	.0001225	.0053881	.0028845	.0004283
%RSD	4.817214	.9650109	3.038238	10.05373	.7303568	.8196305	13.64655

#1	1.291842	.7050427	.0170404	.0011346	.7439562	.3544650	.0027535
#2	1.409369	.6934024	.0176882	.0011609	.7346519	.3525327	.0030626
#3	1.305253	.6933740	.0181019	.0013587	.7345957	.3487913	.0036000

Sample Name: J1614-19DLX10 Acquired: 2/26/2018 13:30:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6R1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1227127	.0069425	.0343120
Stddev	.0008810	.0000559	.0001990
%RSD	.7179810	.8045976	.5799615

#1	.1232283	.0069603	.0343674
#2	.1232145	.0069872	.0344773
#3	.1216954	.0068799	.0340911

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1934.378	4280.622	47434.08	10156.93	5033.874
Stddev	10.774	41.347	231.35	31.02	57.565
%RSD	.5569659	.9659026	.4877388	.3053722	1.143558

#1	1946.811	4232.920	47694.87	10162.63	4967.778
#2	1927.783	4306.194	47253.51	10123.45	5073.022
#3	1928.539	4302.751	47353.86	10184.70	5060.823

Sample Name: J1614-21DLX10 Acquired: 2/26/2018 13:34:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162570	.0005497	1.420295	-.000578	.0011155	17.10849	3.736614
Stddev	.0015955	.0019202	.011555	.002139	.0010004	.09647	.018809
%RSD	9.814421	349.3160	.8135322	369.8614	89.67530	.5638632	.5033614

#1	.0180984	.0003308	1.412398	-.002947	.0006037	17.20289	3.753740
#2	.0152859	.0025699	1.433557	-.000001	.0022682	17.11249	3.739618
#3	.0153866	-.001252	1.414931	.001213	.0004747	17.01008	3.716484

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015096	.0000380	3.920207	.0221227	.0223822	.0342851	36.05370
Stddev	.0000518	.0000635	.022848	.0006471	.0001209	.0017545	.10594
%RSD	3.433912	167.1970	.5828218	2.925220	.5401392	5.117516	.2938364

#1	.0015410	-.000035	3.945759	.0216324	.0223173	.0324266	36.14854
#2	.0015380	.000070	3.913119	.0228562	.0225217	.0345158	36.07320
#3	.0014498	.000079	3.901744	.0218796	.0223075	.0359129	35.93937

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.715826	2.637564	.0255945	.0007362	.1516162	.0585849	.2086556
Stddev	.012393	.005294	.0003548	.0000762	.0860224	.0014368	.0007506
%RSD	.7222744	.2007174	1.386397	10.35679	56.73693	2.452581	.3597070

#1	1.726220	2.642791	.0253563	.0008006	.0878021	.0569634	.2081023
#2	1.719147	2.632205	.0260023	.0007559	.1176016	.0590912	.2095099
#3	1.702111	2.637696	.0254249	.0006520	.2494450	.0597001	.2083546

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.670473	.4815808	.0210224	.0016716	.6776205	.3767015	.0017810
Stddev	.051336	.0032970	.0015256	.0001966	.0073130	.0003747	.0009125
%RSD	3.073133	.6846133	7.256797	11.76166	1.079213	.0994757	51.23592

#1	1.616922	.4809823	.0226373	.0017340	.6842568	.3762908	.0020671
#2	1.719261	.4851360	.0208245	.0014514	.6788245	.3767889	.0025162
#3	1.675237	.4786241	.0196055	.0018295	.6697803	.3770248	.0007597

Sample Name: J1614-21DLX10 Acquired: 2/26/2018 13:34:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6R3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1558234	.0105700	.0348559
Stddev	.0001263	.0010655	.0000747
%RSD	.0810554	10.08017	.2141881

#1	.1557936	.0094561	.0349290
#2	.1559619	.0115794	.0347798
#3	.1557147	.0106745	.0348590

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1974.176	4288.746	48524.11	10541.68	4997.015
Stddev	5.212	27.560	189.12	36.73	35.219
%RSD	.2640043	.6426109	.3897375	.3484000	.7047997

#1	1978.038	4297.914	48707.44	10532.32	5014.922
#2	1968.248	4257.771	48329.70	10510.54	4956.441
#3	1976.241	4310.554	48535.21	10582.18	5019.683

Sample Name: CCV017 Acquired: 2/26/2018 13:38:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.015569	4.899818	24.52728	5.182527	5.169532	375.6033	9.696807
Stddev	.047451	.050199	.17433	.047129	.039371	1.9282	.018310
%RSD	.9460653	1.024504	.7107642	.9093853	.7615950	.5133671	.1888258

#1	5.065695	4.957438	24.71809	5.212563	5.196775	377.3729	9.716555
#2	5.009664	4.876477	24.48741	5.206809	5.187429	375.8887	9.693473
#3	4.971347	4.865540	24.37633	5.128208	5.124392	373.5483	9.680393

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4653034	2.475989	377.1647	15.07804	2.485688	14.11761	385.0827
Stddev	.0064892	.020464	1.5291	.03332	.017163	.09823	1.9213
%RSD	1.394608	.8264955	.4054225	.2209520	.6904745	.6957640	.4989418

#1	.4625266	2.497567	378.6673	15.08092	2.504285	14.18793	387.1992
#2	.4727190	2.473539	377.2163	15.04338	2.482322	14.15952	384.6009
#3	.4606647	2.456859	375.6104	15.10982	2.470458	14.00538	383.4482

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.93943	383.2197	2.506019	1.224039	374.2112	2.344156	14.39517
Stddev	.03899	1.7599	.017241	.003269	1.7790	.018044	.17456
%RSD	.2796894	.4592329	.6879981	.2670330	.4753917	.7697357	1.212604

#1	13.98218	385.2416	2.522808	1.220520	376.1071	2.363465	14.56702
#2	13.93029	382.3848	2.506890	1.226980	373.9480	2.341283	14.21802
#3	13.90583	382.0326	2.488358	1.224617	372.5785	2.327722	14.40049

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	140.4768	4.670273	4.677982	5.087995	5.116979	4.439528	4.955259
Stddev	.4827	.045283	.056968	.040220	.049607	.069451	.041874
%RSD	.3436101	.9695938	1.217788	.7904838	.9694500	1.564372	.8450361

#1	140.5694	4.718312	4.656356	5.116614	5.172034	4.406762	4.997174
#2	140.9064	4.628374	4.742596	5.105361	5.103146	4.519300	4.955176
#3	139.9545	4.664132	4.634994	5.042010	5.075758	4.392522	4.913426

Sample Name: CCV017 Acquired: 2/26/2018 13:38:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV017 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.843050	4.970046	5.008804
Stddev	.023852	.004353	.049048
%RSD	.4925001	.0875837	.9792432

#1	4.816420	4.967246	5.000138
#2	4.862451	4.967832	5.061607
#3	4.850279	4.975061	4.964665

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1510.296	3331.316	39676.63	9385.626	3577.841
Stddev	1.772	23.902	202.32	55.957	24.787
%RSD	.1173398	.7174991	.5099164	.5961972	.6927956

#1	1508.321	3315.509	39608.29	9419.425	3555.095
#2	1511.746	3319.626	39904.27	9321.036	3574.169
#3	1510.822	3358.814	39517.34	9416.417	3604.259

Sample Name: CCB017 Acquired: 2/26/2018 13:42:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001794	.0010562	-.000354	.0004379	-.000691	-.001160	-.001307
Stddev	.001835	.0009784	.000159	.0019050	.000349	.008392	.000440
%RSD	102.2528	92.63104	44.78500	435.0096	50.59846	723.3090	33.68352

#1	-.003336	.0019359	-.000324	.0003195	-.000293	.003890	-.001012
#2	-.002282	.0000025	-.000525	-.001405	-.000949	-.010847	-.001813
#3	.000235	.0012303	-.000213	.002399	-.000830	.003477	-.001095

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000429	.0000263	.0112269	-.000111	.0002210	.0039815	.0003527
Stddev	.0000373	.0000281	.0035271	.000344	.0001777	.0018167	.0032890
%RSD	86.99193	106.7940	31.41619	310.3329	80.41070	45.62810	932.6010

#1	.0000198	.0000129	.0151749	-.000502	.0004159	.0032473	-.000487
#2	.0000229	.0000587	.0101191	.000141	.0000677	.0060504	.003980
#3	.0000859	.0000074	.0083867	.000029	.0001795	.0026468	-.002435

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000070	.0160242	.0002171	.0002923	.0880185	-.001382	.0012462
Stddev	.000369	.0041851	.0002319	.0003152	.1129365	.002738	.0010760
%RSD	528.3156	26.11719	106.8302	107.8501	128.3100	198.0873	86.33752

#1	.000220	.0207005	.0001633	.0001487	.2173959	-.002451	.0011312
#2	.000055	.0147413	.0004711	.0006537	.0091600	.001729	.0023750
#3	-.000484	.0126307	.0000168	.0000744	.0374997	-.003426	.0002324

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.129680	-.002572	.0033192	.0002450	.0126621	-.002694	.0005288
Stddev	.068059	.000843	.0012608	.0001602	.0027829	.000205	.0002346
%RSD	52.48232	32.76495	37.98667	65.38899	21.97820	7.623700	44.36192

#1	-.103581	-.001662	.0042605	.0004061	.0147223	-.002539	.0007766
#2	-.206926	-.002727	.0038104	.0000857	.0094963	-.002927	.0004994
#3	-.078533	-.003326	.0018866	.0002431	.0137678	-.002617	.0003102

Sample Name: CCB017 Acquired: 2/26/2018 13:42:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB017 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002365	.0001107	.0000645
Stddev	.0002484	.0010443	.0000377
%RSD	105.0030	943.2513	58.39527

#1	.0004543	.0004966	.0000215
#2	.0002893	.0009072	.0000805
#3	-.000034	-.001072	.0000916

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1943.031	4251.712	47938.25	10246.33	5211.157
Stddev	3.744	14.500	171.47	66.06	16.009
%RSD	.1926692	.3410359	.3576796	.6446962	.3072125

#1	1941.444	4249.855	47759.88	10218.98	5211.832
#2	1940.343	4267.050	47953.00	10321.67	5226.818
#3	1947.307	4238.229	48101.86	10198.35	5194.820

Sample Name: J1610-05A Acquired: 2/26/2018 13:46:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1420390	.0050692	2.860330	.0077888	.0089132	75.41590	18.44071
Stddev	.0021943	.0043163	.009782	.0026170	.0026052	.46952	.27493
%RSD	1.544819	85.14899	.3419898	33.59979	29.22879	.6225694	1.490872

#1	.1404828	.0020798	2.857688	.0073950	.0099030	75.83492	18.71961
#2	.1445487	.0031100	2.871162	.0105804	.0059581	75.50430	18.43258
#3	.1410855	.0100176	2.852140	.0053910	.0108784	74.90846	18.16994

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088639	.0096084	70.60566	.1694039	.1775256	.2638101	196.0601
Stddev	.0000542	.0000668	.30411	.0007933	.0004840	.0036568	1.0834
%RSD	.6117590	.6947904	.4307199	.4683001	.2726274	1.386139	.5526074

#1	.0088605	.0095432	70.82969	.1688654	.1777098	.2680144	197.0309
#2	.0089197	.0096766	70.72782	.1690315	.1778904	.2620466	196.2580
#3	.0088114	.0096054	70.25946	.1703149	.1769765	.2613693	194.8913

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.78796	34.64417	.1663715	.0040539	.5581773	.3445160	9.266408
Stddev	.07461	.07188	.0010229	.0001070	.0216499	.0053694	.053190
%RSD	.5045573	.2074941	.6148318	2.639378	3.878668	1.558530	.5740107

#1	14.84673	34.70447	.1663643	.0039667	.5829160	.3499628	9.325227
#2	14.81313	34.66340	.1673980	.0040218	.5489240	.3443578	9.252310
#3	14.70402	34.56462	.1653522	.0041733	.5426917	.3392275	9.221687

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.16444	7.664169	.1433274	.0090534	7.472935	8.818812	.0066962
Stddev	.07797	.072983	.0031183	.0002615	.075629	.114895	.0005856
%RSD	.6983897	.9522619	2.175646	2.888633	1.012042	1.302845	8.745805

#1	11.24615	7.623974	.1453527	.0092597	7.440777	8.843610	.0071553
#2	11.15633	7.748413	.1397365	.0091413	7.559329	8.919284	.0068966
#3	11.09084	7.620120	.1448931	.0087593	7.418699	8.693542	.0060367

Sample Name: J1610-05A Acquired: 2/26/2018 13:46:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6K5A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.046828	.0507587	.1991501
Stddev	.003343	.0010515	.0002944
%RSD	.3193239	2.071555	.1478090

#1	1.044825	.0505444	.1993322
#2	1.050687	.0519008	.1993077
#3	1.044971	.0498308	.1988105

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2101.543	4555.332	52573.33	11752.12	4585.016
Stddev	8.786	11.280	165.35	42.96	13.156
%RSD	.4180755	.2476162	.3145045	.3655863	.2869324

#1	2095.134	4550.789	52478.23	11738.33	4581.127
#2	2097.938	4547.032	52764.25	11717.74	4574.244
#3	2111.559	4568.175	52477.51	11800.28	4599.678

Sample Name: PB106729BL Acquired: 2/26/2018 13:50:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	.0007277	.0000926	-.000898	.0024771	-.000803	.0018693	-.000846
Stddev	.0022258	.0013778	.001004	.0024014	.000415	.0056070	.000350
%RSD	305.8670	1488.418	111.7228	96.94645	51.67953	299.9445	41.35665

#1	.0030583	-.001486	.000229	.0029064	-.001116	.0000907	-.000499
#2	.0005007	.001056	-.001231	-.000110	-.000332	-.002633	-.000839
#3	-.001376	.000707	-.001694	.004635	-.000962	.008150	-.001199

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000667	.0000013	.0064361	.0000583	.0001154	.0060219	.0044445
Stddev	.0000486	.0000284	.0025532	.0003759	.0000692	.0008026	.0076627
%RSD	72.95279	2202.446	39.66958	645.1376	59.96522	13.32755	172.4060

#1	.0000391	.0000017	.0035156	.0002145	.0001396	.0055975	-.003700
#2	.0000381	-.000027	.0075472	-.000371	.0001692	.0069475	.011510
#3	.0001229	.000029	.0082455	.000331	.0000373	.0055206	.005524

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000296	.0107623	-.000049	.0001889	-.095230	-.001126	.0013058
Stddev	.000219	.0167166	.000254	.0000496	.137417	.000846	.0012884
%RSD	73.97092	155.3254	519.2017	26.25441	144.3006	75.12297	98.67096

#1	-.000044	-.008540	.000178	.0001317	.042449	-.001988	.0023246
#2	-.000437	.020268	-.000324	.0002161	-.095754	-.001092	.0017353
#3	-.000407	.020559	-.000001	.0002190	-.232384	-.000297	-.000143

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.136658	-.001706	.0000242	.0001673	.0149677	-.003549	-.000078
Stddev	.059423	.001434	.0009168	.0001026	.0025867	.000747	.000573
%RSD	43.48306	84.04119	3789.040	61.36246	17.28167	21.05020	730.5405

#1	-.168448	-.003144	.0010822	.0002575	.0128098	-.004405	-.000739
#2	-.173423	-.001698	-.000535	.0000556	.0178351	-.003026	.000221
#3	-.068102	-.000276	-.000475	.0001887	.0142583	-.003217	.000283

Sample Name: PB106729BL Acquired: 2/26/2018 13:50:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	.0000555	-.000531	.0000176
Stddev	.0006359	.001586	.0000256
%RSD	1145.530	298.6093	145.6288

#1	.0001901	.000970	.0000429
#2	-.000637	-.000374	-.000008
#3	.000613	-.002189	.000018

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.127	4255.573	48144.25	10298.48	5207.402
Stddev	8.677	20.452	110.74	6.91	16.675
%RSD	.4444842	.4805854	.2300149	.0671044	.3202223

#1	1947.767	4235.485	48082.16	10306.38	5188.162
#2	1962.120	4254.865	48272.11	10295.50	5216.363
#3	1946.496	4276.370	48078.50	10293.55	5217.681

Sample Name: PB106729BS Acquired: 2/26/2018 13:54:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	.0211830	.0568464	.0198823	.0743083	.1230548	.4086898
Stddev	.0006877	.0011198	.0015825	.0032750	.0027666	.0087272
%RSD	3.246639	1.969875	7.959132	4.407376	2.248231	2.135412

#1	.0212842	.0580983	.0205247	.0765461	.1255640	.4105913
#2	.0204503	.0565004	.0180796	.0705493	.1235125	.3991686
#3	.0218145	.0559404	.0210425	.0758295	.1200880	.4163095

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4102198	.0107484	.0107443	10.89766	.0248185	.1032686
Stddev	.0038146	.0000840	.0002207	.14207	.0005834	.0024796
%RSD	.9298920	.7819450	2.054185	1.303715	2.350823	2.401153

#1	.4120889	.0107280	.0109715	10.97108	.0248381	.1050505
#2	.4058311	.0106765	.0107308	10.73390	.0253919	.1043186
#3	.4127394	.0108408	.0105307	10.98800	.0242255	.1004368

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0561540	.2340793	.0324692	10.37356	.0872459	.0193359
Stddev	.0018397	.0055971	.0002831	.10872	.0019959	.0001618
%RSD	3.276077	2.391129	.8719958	1.048049	2.287670	.8369497

#1	.0579150	.2279387	.0321766	10.42227	.0884581	.0195127
#2	.0542447	.2354038	.0324890	10.24900	.0883374	.0191952
#3	.0563022	.2388953	.0327418	10.44941	.0849423	.0192998

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.10217	.1016369	.1246368	9.444997	F .0262207	F .0194080
Stddev	.22606	.0030101	.0033957	.085324	.0002748	.0008097
%RSD	2.237700	2.961645	2.724488	.9033795	1.048132	4.171882

#1	10.30806	.1037407	.1214669	9.511216	.0264130	.0196675
#2	9.86027	.0981889	.1282204	9.348709	.0263431	.0200561
#3	10.13818	.1029811	.1242230	9.475065	.0259059	.0185003

Sample Name: PB106729BS Acquired: 2/26/2018 13:54:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	.0225550	.1868638	.1845397	F .0135253	.2065809	.1012038
Stddev	.0006178	.0063524	.0017946	.0005371	.0008151	.0004922
%RSD	2.738935	3.399497	.9724554	3.971392	.3945913	.4863384

#1	.0229321	.1925044	.1847709	.0135509	.2056400	.1014165
#2	.0228908	.1881044	.1826407	.0140492	.2070729	.1006410
#3	.0218420	.1799825	.1862074	.0129758	.2070298	.1015539

Elem	Sr4077
Units	ppm
Avg	.2110780
Stddev	.0020561
%RSD	.9740811

#1	.2125056
#2	.2087214
#3	.2120070

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1954.710	4292.190	47784.21	10379.05	5120.916
Stddev	9.577	81.751	40.09	69.82	104.959
%RSD	.4899455	1.904650	.0838983	.6727028	2.049610

#1	1964.774	4233.958	47745.93	10352.98	5051.419
#2	1945.709	4256.963	47780.81	10458.15	5069.675
#3	1953.647	4385.649	47825.89	10326.01	5241.652

Sample Name: J1615-01 Acquired: 2/26/2018 13:59:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0604281	.0160393	.7543714	.0098213	.0050759	69.04164	4.808529
Stddev	.0017639	.0029465	.0009346	.0007436	.0011491	.45707	.025450
%RSD	2.918973	18.37036	.1238885	7.570812	22.63879	.6620166	.5292577

#1	.0622928	.0182704	.7543842	.0096529	.0062617	68.78812	4.790188
#2	.0602055	.0171484	.7552995	.0106345	.0049986	68.76753	4.797814
#3	.0587861	.0126993	.7534305	.0091763	.0039674	69.56928	4.837584

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063844	.0024875	14.65407	.0985247	.2177302	.0835509	134.4481
Stddev	.0001205	.0000860	.06988	.0007422	.0006449	.0025830	.7765
%RSD	1.886640	3.456051	.4768589	.7533555	.2961868	3.091465	.5775205

#1	.0063539	.0024953	14.61402	.0987189	.2179210	.0856969	134.0825
#2	.0062821	.0023980	14.61342	.0977047	.2170114	.0806841	133.9219
#3	.0065172	.0025694	14.73476	.0991506	.2182581	.0842718	135.3399

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.83849	9.308878	.1151802	.0017753	.3500810	.2466232	.5325001
Stddev	.10400	.009370	.0003776	.0002243	.0083627	.0032918	.0084822
%RSD	.4990563	.1006516	.3277981	12.63265	2.388793	1.334745	1.592893

#1	20.77955	9.315574	.1147479	.0015750	.3460793	.2447858	.5323384
#2	20.77735	9.312888	.1153478	.0017335	.3596927	.2446602	.5241000
#3	20.95856	9.298170	.1154449	.0020176	.3444710	.2504235	.5410620

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.937552	2.807755	.0906552	.0064169	2.881196	5.372770	.0048142
Stddev	.052552	.029957	.0006363	.0001987	.014461	.011753	.0003194
%RSD	.7574982	1.066943	.7018786	3.097053	.5019006	.2187510	6.634738

#1	6.974264	2.789745	.0910176	.0066023	2.869880	5.365267	.0046131
#2	6.877353	2.842337	.0899205	.0062071	2.897487	5.366728	.0051825
#3	6.961040	2.791184	.0910275	.0064414	2.876219	5.386315	.0046470

Sample Name: J1615-01 Acquired: 2/26/2018 13:59:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6R4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8305420	.0534809	.1231320
Stddev	.0010616	.0009584	.0002522
%RSD	.1278190	1.792056	.2048238

#1	.8298601	.0541782	.1229134
#2	.8317651	.0523880	.1230746
#3	.8300007	.0538764	.1234079

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2024.950	4506.202	50461.20	11117.55	4791.344
Stddev	9.602	15.583	109.50	24.09	12.787
%RSD	.4742091	.3458081	.2169924	.2166748	.2668773

#1	2031.027	4493.486	50577.49	11097.59	4780.421
#2	2013.880	4523.585	50360.07	11110.75	4805.410
#3	2029.944	4501.534	50446.04	11144.30	4788.202

Sample Name: J1615-02 Acquired: 2/26/2018 14:03:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1222695	-.007461	1.321506	.0046007	.0113041	141.9839	5.912466
Stddev	.0020042	.001373	.006847	.0011249	.0005408	.9716	.028041
%RSD	1.639184	18.39780	.5181306	24.45142	4.784488	.6843053	.4742652

#1	.1203584	-.008058	1.328582	.0033208	.0110670	140.9997	5.880447
#2	.1220947	-.005890	1.314913	.0054328	.0119230	142.0095	5.924307
#3	.1243554	-.008433	1.321023	.0050483	.0109224	142.9424	5.932645

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121644	.0101999	152.3928	.1851540	.1665023	.4590710	241.3036
Stddev	.0000947	.0000594	.6465	.0000789	.0008243	.0031144	.7193
%RSD	.7786179	.5819199	.4242298	.0426044	.4950557	.6784178	.2980894

#1	.0121296	.0102661	151.7298	.1852104	.1670754	.4573115	240.5759
#2	.0120921	.0101823	152.4271	.1850639	.1655577	.4572346	241.3208
#3	.0122716	.0101513	153.0214	.1851878	.1668739	.4626670	242.0142

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.33525	89.06621	.3372786	.0075700	1.138074	.3999013	2.782934
Stddev	.05130	.39956	.0013881	.0001657	.102421	.0012252	.007648
%RSD	.4963111	.4486109	.4115501	2.188410	8.999528	.3063688	.2748334

#1	10.27622	88.69040	.3388299	.0076111	1.093547	.4012956	2.791276
#2	10.36892	89.02233	.3361540	.0077112	1.065453	.3994113	2.781274
#3	10.36062	89.48590	.3368518	.0073876	1.255222	.3989970	2.776252

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.40387	6.898424	.1542462	.0073647	4.943685	6.752354	.0057610
Stddev	.14366	.110906	.0022912	.0000324	.067066	.043641	.0006699
%RSD	.9326442	1.607704	1.485444	.4392607	1.356593	.6463009	11.62869

#1	15.25925	7.026371	.1568042	.0073599	5.019774	6.717218	.0049927
#2	15.40581	6.839174	.1535522	.0073351	4.918117	6.738639	.0060671
#3	15.54655	6.829726	.1523822	.0073992	4.893164	6.801205	.0062233

Sample Name: J1615-02 Acquired: 2/26/2018 14:03:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6R5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7858001	.0970443	.1923810
Stddev	.0031811	.0008703	.0005922
%RSD	.4048179	.8968034	.3078491

#1	.7831151	.0960719	.1917185
#2	.7893134	.0977501	.1925657
#3	.7849719	.0973108	.1928589

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2184.269	4817.507	54496.92	12385.98	4320.257
Stddev	14.427	18.926	160.42	28.58	25.368
%RSD	.6604883	.3928494	.2943729	.2307407	.5871814

#1	2167.620	4797.053	54333.21	12399.44	4291.431
#2	2193.079	4834.398	54503.70	12405.34	4339.174
#3	2192.108	4821.069	54653.85	12353.15	4330.168

Sample Name: J1615-03 Acquired: 2/26/2018 14:07:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1257278	-.010799	1.349579	.0077595	.0073330	143.1740	5.963225
Stddev	.0017113	.006012	.009375	.0024541	.0022753	2.6453	.112871
%RSD	1.361092	55.67252	.6946851	31.62708	31.02765	1.847643	1.892791

#1	.1274524	-.017737	1.359795	.0070808	.0095942	142.8155	5.948804
#2	.1257007	-.007543	1.347571	.0104815	.0073609	140.7262	5.858258
#3	.1240302	-.007117	1.341370	.0057162	.0050439	145.9803	6.082614

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123413	.0105918	154.0019	.1881581	.1705276	.4664991	243.0772
Stddev	.0001589	.0003022	2.6226	.0007937	.0014843	.0091141	3.6808
%RSD	1.287886	2.853165	1.702996	.4218248	.8704403	1.953734	1.514239

#1	.0121921	.0108198	153.5859	.1873612	.1720088	.4639097	242.2733
#2	.0123234	.0107065	151.6121	.1881646	.1705338	.4589599	239.8649
#3	.0125085	.0102490	156.8077	.1889486	.1690401	.4766278	247.0935

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.40038	90.03836	.3447872	.0078089	.9366436	.4052320	2.808654
Stddev	.16490	1.69107	.0036302	.0002719	.1248614	.0043972	.019083
%RSD	1.585526	1.878170	1.052885	3.482185	13.33073	1.085113	.6794363

#1	10.35593	89.63998	.3489772	.0076786	.8043636	.4027470	2.799008
#2	10.26226	88.58204	.3428014	.0076267	.9531159	.4026399	2.830634
#3	10.58295	91.89305	.3425832	.0081215	1.052451	.4103091	2.796319

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.52705	7.126694	.1498232	.0075205	5.094916	6.830103	.0062297
Stddev	.33015	.010456	.0046095	.0002180	.006592	.060714	.0012997
%RSD	2.126294	.1467160	3.076591	2.898853	.1293759	.8889126	20.86237

#1	15.43026	7.115033	.1509153	.0076238	5.102499	6.806100	.0068615
#2	15.25612	7.129814	.1447658	.0072700	5.090556	6.785060	.0070926
#3	15.89478	7.135234	.1537885	.0076676	5.091692	6.899149	.0047349

Sample Name: J1615-03 Acquired: 2/26/2018 14:07:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6R5D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7944701	.0988988	.1946039
Stddev	.0124762	.0016260	.0033352
%RSD	1.570374	1.644083	1.713852

#1	.7909658	.0988507	.1934974
#2	.7841209	.0972975	.1919625
#3	.8083237	.1005484	.1983517

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2149.048	4753.173	53877.33	12262.47	4235.186
Stddev	12.037	39.548	179.57	179.42	40.655
%RSD	.5601221	.8320333	.3333030	1.463192	.9599258

#1	2148.882	4716.077	54040.65	12275.27	4193.680
#2	2137.095	4748.657	53685.02	12435.15	4236.948
#3	2161.168	4794.786	53906.33	12076.99	4274.931

Sample Name: J1615-04 Acquired: 2/26/2018 14:11:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1968654	.0954602	1.420668	.0992201	.1876995	149.0118	9.589231
Stddev	.0038868	.0027685	.010384	.0043646	.0035661	.5496	.040983
%RSD	1.974353	2.900186	.7309193	4.398862	1.899911	.3688147	.4273903

#1	.1934776	.0956774	1.414122	.0941926	.1855336	148.8574	9.617275
#2	.1960100	.0925895	1.432640	.1020386	.1918154	149.6220	9.608221
#3	.2011087	.0981137	1.415240	.1014290	.1857495	148.5558	9.542197

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0950757	.1218887	155.5749	.5518695	1.280224	.8908257	249.6672
Stddev	.0004932	.0013905	.6585	.0015669	.011234	.0039641	.6873
%RSD	.5188014	1.140786	.4232470	.2839212	.8775350	.4449882	.2752799

#1	.0945137	.1207193	155.7212	.5502982	1.272907	.8879668	249.7120
#2	.0954372	.1234262	156.1478	.5534319	1.293159	.8953509	250.3310
#3	.0952761	.1215206	154.8555	.5518783	1.274605	.8891594	248.9586

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.56383	90.88309	1.469376	.0855532	.9747119	1.281141	6.120860
Stddev	.06458	.20252	.013486	.0002323	.0333726	.010872	.023891
%RSD	.5584285	.2228388	.9178363	.2714690	3.423838	.8485804	.3903207

#1	11.57276	90.92377	1.458877	.0852917	.9372110	1.277265	6.148029
#2	11.62348	91.06218	1.484586	.0856323	1.001143	1.293419	6.111419
#3	11.49526	90.66331	1.464666	.0857355	.985782	1.272738	6.103132

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.68379	7.302270	.1610315	.0089130	5.185133	7.702183	.0091917
Stddev	.05069	.045126	.0050036	.0002509	.044405	.067384	.0010291
%RSD	.3232009	.6179669	3.107200	2.815122	.8563993	.8748745	11.19602

#1	15.64031	7.253811	.1663653	.0089731	5.137273	7.624697	.0102777
#2	15.73946	7.343086	.1602879	.0091284	5.224998	7.734792	.0082310
#3	15.67159	7.309915	.1564414	.0086375	5.193127	7.747060	.0090663

Sample Name: J1615-04 Acquired: 2/26/2018 14:11:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8338630	.1032800	.2014121
Stddev	.0047043	.0007015	.0002492
%RSD	.5641516	.6791948	.1237309

#1	.8339326	.1037453	.2011425
#2	.8385320	.1024732	.2016340
#3	.8291243	.1036216	.2014597

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2122.030	4609.147	52751.10	12034.58	4099.062
Stddev	6.451	23.678	262.90	14.92	31.917
%RSD	.3040065	.5137102	.4983732	.1240070	.7786498

#1	2117.751	4625.242	52470.95	12049.14	4123.216
#2	2129.450	4581.959	52992.43	12019.32	4062.878
#3	2118.888	4620.240	52789.92	12035.27	4111.092

Sample Name: J1615-05 Acquired: 2/26/2018 14:19:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1356780	-.009673	14.05345	.0076549	.0130362	178.1900
Stddev	.0048785	.004338	.02997	.0019516	.0017023	.7470
%RSD	3.595647	44.84562	.2132893	25.49427	13.05844	.4192145

#1	.1308348	-.011759	14.04065	.0095796	.0149959	177.4846
#2	.1405911	-.004686	14.03199	.0077075	.0119238	178.1128
#3	.1356081	-.012574	14.08770	.0056776	.0121889	178.9726

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 35.80496	.0138442	.0040930	90.79094	.2017384	.1808931
Stddev	.52183	.0001074	.0001164	.23244	.0012650	.0006815
%RSD	1.457416	.7757250	2.844304	.2560207	.6270630	.3767371

#1	35.20542	.0137226	.0040127	90.52270	.2021444	.1813456
#2	36.05267	.0139260	.0042265	90.93299	.2027506	.1801093
#3	36.15681	.0138840	.0040398	90.91715	.2003202	.1812244

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2971412	312.7325	11.10397	63.23979	.2714348	.0058870
Stddev	.0024878	.7514	.07074	.09841	.0009938	.0003086
%RSD	.8372590	.2402546	.6370656	.1556102	.3661470	5.241447

#1	.2975050	312.0900	11.03965	63.30180	.2709108	.0058018
#2	.2944914	312.5489	11.09251	63.12632	.2708126	.0056300
#3	.2994270	313.5587	11.17973	63.29125	.2725810	.0062292

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9277334	.5660913	2.215950	17.50038	4.618730	.1947426
Stddev	.0610771	.0026308	.045344	.15029	.029202	.0116058
%RSD	6.583472	.4647233	2.046273	.8587672	.6322587	5.959532

#1	.9866681	.5687905	2.268157	17.35175	4.648344	.2071961
#2	.9318135	.5635348	2.193298	17.49712	4.589958	.1928027
#3	.8647186	.5659488	2.186395	17.65227	4.617887	.1842291

Sample Name: J1615-05 Acquired: 2/26/2018 14:19:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115019	8.562215	10.66980	.0066189	1.635628	.1124941
Stddev	.0001539	.041649	.14615	.0015650	.006795	.0010388
%RSD	1.337997	.4864315	1.369707	23.64416	.4154282	.9234550

#1	.0113555	8.594368	10.54267	.0083506	1.627830	.1131034
#2	.0116623	8.515166	10.63727	.0062002	1.638779	.1112946
#3	.0114878	8.577110	10.82947	.0053058	1.640275	.1130843

Elem	Sr4077
Units	ppm
Avg	.3214352
Stddev	.0006977
%RSD	.2170663

#1	.3210046
#2	.3210608
#3	.3222402

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2139.862	4672.283	53233.97	12017.72	4412.489
Stddev	29.301	10.634	538.87	116.52	10.155
%RSD	1.369283	.2275937	1.012272	.9695292	.2301500

#1	2110.404	4683.895	52676.97	12146.17	4417.146
#2	2140.179	4669.933	53272.24	11988.17	4419.482
#3	2169.003	4663.021	53752.68	11918.83	4400.841

Sample Name: J1615-06 Acquired: 2/26/2018 14:23:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2079275	-.016497	11.28273	.0101709	.0245447	29.09207
Stddev	.0039583	.002819	.10903	.0013122	.0005759	.03267
%RSD	1.903713	17.08702	.9663171	12.90120	2.346387	.1122896

#1	.2124201	-.016329	11.40833	.0101654	.0239648	29.11776
#2	.2064100	-.013766	11.21244	.0088615	.0245529	29.05530
#3	.2049525	-.019397	11.22743	.0114858	.0251165	29.10316

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 50.52708	.0125103	.0073529	107.4398	.4484133	.1076273
Stddev	.29781	.0001628	.0004948	.3852	.0018232	.0006430
%RSD	.5894159	1.301121	6.729026	.3585624	.4065843	.5974535

#1	50.35168	.0126979	.0079119	107.1817	.4501875	.1083674
#2	50.87094	.0124275	.0069713	107.2551	.4485078	.1072062
#3	50.35862	.0124057	.0071755	107.8826	.4465448	.1073083

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3459833	532.5594	8.340303	63.76513	.1802956	.0113002
Stddev	.0007946	1.6046	.005404	.22324	.0020973	.0001359
%RSD	.2296530	.3013028	.0647914	.3500959	1.163276	1.203019

#1	.3451590	530.8680	8.341264	63.58834	.1827167	.0113778
#2	.3460466	532.7499	8.334483	63.69106	.1790351	.0113796
#3	.3467443	534.0602	8.345161	64.01599	.1791350	.0111432

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.307779	.5631659	12.61847	1.438939	1.692976	.2785452
Stddev	.169516	.0009787	.13226	.077627	.009631	.0081244
%RSD	12.96212	.1737827	1.048157	5.394713	.5688522	2.916715

#1	1.197432	.5634457	12.76464	1.349660	1.703987	.2841230
#2	1.502965	.5620778	12.50706	1.490497	1.686120	.2692240
#3	1.222941	.5639742	12.58372	1.476660	1.688822	.2822886

Sample Name: J1615-06 Acquired: 2/26/2018 14:23:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177304	12.19252	8.454277	.0042695	.5484696	.0216032
Stddev	.0001713	.14039	.040585	.0008183	.0011564	.0005808
%RSD	.9659927	1.151441	.4800523	19.16542	.2108493	2.688332

#1	.0177436	12.35388	8.407685	.0033582	.5483360	.0214811
#2	.0178948	12.09835	8.481940	.0045087	.5473857	.0222353
#3	.0175530	12.12534	8.473205	.0049414	.5496870	.0210932

Elem	Sr4077
Units	ppm
Avg	.5945025
Stddev	.0042713
%RSD	.7184667

#1	.5911568
#2	.5930372
#3	.5993136

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1876.154	4113.423	47210.66	10677.34	4492.389
Stddev	14.105	34.895	160.62	56.53	40.547
%RSD	.7518286	.8483208	.3402267	.5294328	.9025785

#1	1860.135	4073.338	47073.57	10736.52	4445.825
#2	1886.713	4137.010	47387.39	10623.90	4519.907
#3	1881.616	4129.921	47171.01	10671.60	4511.434

Sample Name: J1615-07 Acquired: 2/26/2018 14:27:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0887312	-.000327	2.042115	.0111524	.0080666	100.2566	8.481148
Stddev	.0021499	.003578	.014546	.0013256	.0009332	.4595	.030939
%RSD	2.422923	1095.939	.7123225	11.88638	11.56867	.4583022	.3647959

#1	.0911855	-.001904	2.058810	.0113052	.0090366	100.6561	8.510587
#2	.0878272	.003770	2.032168	.0123950	.0079881	99.7545	8.448900
#3	.0871809	-.002846	2.035367	.0097570	.0071751	100.3591	8.483958

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090161	.0034235	76.23067	.1400461	.1826454	.1319798	236.4059
Stddev	.0001380	.0000521	.21244	.0005497	.0012624	.0011027	.8071
%RSD	1.530790	1.521984	.2786819	.3925015	.6911514	.8355215	.3413934

#1	.0089962	.0034643	76.42190	.1406552	.1839515	.1331313	237.1174
#2	.0091629	.0033648	76.00200	.1395870	.1825529	.1309334	235.5289
#3	.0088890	.0034412	76.26810	.1398960	.1814319	.1318748	236.5715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.84781	45.21757	.1489181	.0042534	.6163272	.3309846	1.789331
Stddev	.03505	.19516	.0010758	.0004015	.1187228	.0035480	.013134
%RSD	.2728443	.4316022	.7224056	9.439563	19.26295	1.071955	.7340445

#1	12.88385	45.37268	.1501603	.0039738	.5474263	.3339840	1.804466
#2	12.81383	44.99844	.1482886	.0040729	.7534158	.3319019	1.780924
#3	12.84574	45.28159	.1483054	.0047134	.5481394	.3270681	1.782602

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.23464	3.359595	.1461349	.0099954	3.844567	10.10688	.0031511
Stddev	.04961	.015799	.0043262	.0003531	.023327	.05550	.0010970
%RSD	.4846886	.4702693	2.960437	3.532198	.6067433	.5491088	34.81300

#1	10.29043	3.376787	.1507227	.0096932	3.871501	10.08922	.0021688
#2	10.21801	3.345712	.1421291	.0099097	3.831315	10.16906	.0043348
#3	10.19550	3.356287	.1455529	.0103835	3.830885	10.06237	.0029497

Sample Name: J1615-07 Acquired: 2/26/2018 14:27:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.128753	.0732585	.1688644
Stddev	.003274	.0005903	.0002255
%RSD	.2900290	.8058291	.1335119

#1	1.125455	.0725837	.1687832
#2	1.132002	.0736794	.1691192
#3	1.128803	.0735124	.1686908

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2067.796	4531.920	51142.07	11378.37	4584.701
Stddev	19.088	33.120	506.05	32.87	30.991
%RSD	.9230934	.7308253	.9895006	.2888493	.6759589

#1	2049.171	4493.751	50576.86	11399.95	4549.142
#2	2066.900	4548.930	51296.28	11340.55	4599.000
#3	2087.315	4553.078	51553.08	11394.62	4605.961

Sample Name: J1615-08 Acquired: 2/26/2018 14:31:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8715645	-.018389	.4147098	.1770866	.5661896	18.51787	.0697749
Stddev	.0050669	.001648	.0034112	.0018888	.0010051	.04018	.0003848
%RSD	.5813551	8.961709	.8225537	1.066584	.1775105	.2169576	.5514246

#1	.8771008	-.020194	.4182650	.1792522	.5665451	18.49079	.0693861
#2	.8671577	-.018009	.4114635	.1757796	.5650551	18.56403	.0701555
#3	.8704350	-.016965	.4144011	.1762281	.5669686	18.49879	.0697831

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2571025	.1867053	9.395155	.0323438	.3418513	.2826330	42.50466
Stddev	.0013593	.0002679	.004394	.0004373	.0003152	.0038907	.14479
%RSD	.5287006	.1435050	.0467713	1.351919	.0921916	1.376576	.3406344

#1	.2567350	.1867154	9.392334	.0327802	.3422076	.2786353	42.37351
#2	.2559648	.1864324	9.392912	.0323457	.3416092	.2864069	42.48044
#3	.2586078	.1869680	9.400218	.0319056	.3417371	.2828569	42.66003

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4068098	68.63435	.3868334	.0800242	42.96565	1.368392	.0425620
Stddev	.0010166	.08650	.0013924	.0008113	.07351	.003555	.0032663
%RSD	.2499028	.1260357	.3599619	1.013754	.1710801	.2597969	7.674266

#1	.4065518	68.60647	.3865179	.0802008	42.88296	1.372135	.0407397
#2	.4079306	68.56522	.3856257	.0791392	42.99039	1.367980	.0406134
#3	.4059471	68.73135	.3883565	.0807326	43.02359	1.365061	.0463329

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.439498	.1292879	.0882283	.0038410	1.037474	3.958769	.0017460
Stddev	.048724	.0009956	.0009226	.0000646	.002892	.018746	.0003726
%RSD	1.997315	.7700784	1.045727	1.682493	.2787876	.4735360	21.33798

#1	2.479550	.1304353	.0871964	.0039078	1.038248	3.950408	.0013207
#2	2.385253	.1287758	.0889735	.0038366	1.034273	3.945657	.0020148
#3	2.453693	.1286525	.0885151	.0037788	1.039900	3.980241	.0019025

Sample Name: J1615-08 Acquired: 2/26/2018 14:31:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6R9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5703088	.0100911	.0230805
Stddev	.0031635	.0009094	.0001482
%RSD	.5546944	9.011819	.6419245

#1	.5666566	.0097881	.0230310
#2	.5721953	.0111134	.0229635
#3	.5720745	.0093720	.0232471

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1879.332	4137.087	46339.30	10289.55	4627.189
Stddev	22.203	4.149	267.59	45.24	9.819
%RSD	1.181436	.1002917	.5774579	.4396936	.2121954

#1	1853.999	4134.084	46052.06	10336.67	4621.309
#2	1895.410	4141.822	46581.53	10285.54	4638.524
#3	1888.588	4135.356	46384.31	10246.45	4621.733

Sample Name: PB106688BL Acquired: 2/26/2018 14:35:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	-.001078	-.000121	-.001141	.0000556	-.000880	.0007720	-.000964
Stddev	.001763	.002280	.001623	.0036684	.000070	.0017478	.000130
%RSD	163.5914	1887.685	142.2832	6598.928	7.963890	226.4045	13.44003

#1	-.002924	.002140	-.002667	-.004004	-.000942	.0004013	-.000916
#2	-.000897	-.002419	-.001320	.003133	-.000804	-.000761	-.000865
#3	.000588	-.000084	.000565	.001037	-.000895	.002675	-.001110

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000530	.0000181	.0039003	-.000111	.0000957	.0030920	.0043205
Stddev	.0000863	.0000533	.0041696	.000150	.0002139	.0000810	.0037082
%RSD	162.8859	294.2763	106.9035	135.4394	223.4211	2.620734	85.82857

#1	.0000534	.0000791	.0073002	.000046	-.000125	.0030246	.0072298
#2	.0001391	-.000019	-.000752	-.000253	.000302	.0030695	.0055866
#3	-.000034	-.000006	.005153	-.000126	.000110	.0031819	.0001450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000260	.0333875	.0001989	.0002550	-.116251	-.000086	.0009902
Stddev	.000359	.0135143	.0001706	.0001489	.087783	.001323	.0014575
%RSD	138.1333	40.47703	85.78372	58.38903	75.51174	1536.941	147.1814

#1	-.000482	.0414759	.0003551	.0002399	-.071255	-.000377	.0002380
#2	.000155	.0409006	.0002246	.0004109	-.217410	-.001240	.0026701
#3	-.000454	.0177861	.0000169	.0001143	-.060089	.001359	.0000626

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.121760	-.002690	-.001402	.0000581	.0177641	-.003483	-.000126
Stddev	.029859	.000401	.000252	.0001033	.0016764	.000906	.000217
%RSD	24.52321	14.92451	17.95997	177.9692	9.437079	26.02028	172.4484

#1	-.155563	-.002528	-.001589	.0001359	.0159371	-.004417	-.000123
#2	-.098978	-.002395	-.001116	-.000059	.0181237	-.002607	-.000344
#3	-.110738	-.003147	-.001500	.000097	.0192316	-.003426	.000090

Sample Name: PB106688BL Acquired: 2/26/2018 14:35:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	-.000113	-.001161	-.000006
Stddev	.000166	.000999	.000034
%RSD	147.4692	86.06534	586.8772

#1	-.000277	-.002266	-.000005
#2	-.000116	-.000322	-.000040
#3	.000055	-.000895	.000028

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1975.068	4279.020	48523.58	10435.16	5232.960
Stddev	17.733	24.506	115.30	68.45	28.405
%RSD	.8978535	.5727103	.2376178	.6559779	.5428100

#1	1954.614	4302.479	48462.91	10432.92	5258.273
#2	1984.464	4280.994	48451.28	10504.70	5238.367
#3	1986.126	4253.586	48656.55	10367.85	5202.240

Sample Name: PB106688BS Acquired: 2/26/2018 14:39:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	.0214110	.0543021	.0184538	.0723619	.1184309	.3976561
Stddev	.0009839	.0029640	.0006568	.0016432	.0013644	.0019234
%RSD	4.595304	5.458351	3.559222	2.270845	1.152107	.4836841

#1	.0211774	.0513949	.0192122	.0742495	.1185674	.3959121
#2	.0224907	.0573198	.0180681	.0712511	.1170034	.3973370
#3	.0205650	.0541915	.0180811	.0715849	.1197220	.3997190

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3853561	.0099745	.0101150	10.14487	.0220825	.0966814
Stddev	.0045254	.0000945	.0000431	.16241	.0002367	.0008772
%RSD	1.174353	.9474829	.4259929	1.600906	1.072027	.9073289

#1	.3827989	.0098991	.0101144	10.00071	.0222778	.0962206
#2	.3826881	.0099439	.0100722	10.11308	.0218192	.0961306
#3	.3905812	.0100806	.0101584	10.32083	.0221504	.0976930

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0539946	.2214660	.0306567	9.637819	.0813097	.0178423
Stddev	.0014990	.0152308	.0003930	.157515	.0005843	.0001686
%RSD	2.776201	6.877279	1.282111	1.634342	.7186268	.9450911

#1	.0535469	.2041888	.0303585	9.493226	.0808583	.0180210
#2	.0527704	.2272579	.0305094	9.614561	.0811012	.0178198
#3	.0556664	.2329512	.0311021	9.805670	.0819697	.0176860

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.287584	.0958366	.1162199	9.290815	F .0265825	F .0182146
Stddev	.226088	.0035108	.0008100	.131930	.0018177	.0009422
%RSD	2.434307	3.663319	.6969312	1.420007	6.838101	5.172621

#1	9.081215	.0941258	.1165003	9.247257	.0249634	.0183771
#2	9.529242	.0935092	.1168523	9.186171	.0285488	.0172018
#3	9.252297	.0998749	.1153069	9.439016	.0262354	.0190650

Sample Name: PB106688BS Acquired: 2/26/2018 14:39:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) 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	.0210355	.1954271	.1737827	F .0137858	.1916082	.0979273
Stddev	.0001969	.0049205	.0016691	.0003442	.0016059	.0005467
%RSD	.9359967	2.517832	.9604215	2.497067	.8380997	.5582475

#1	.0210193	.1993682	.1726250	.0136079	.1920186	.0976333
#2	.0208472	.1970008	.1730273	.0135669	.1898369	.0975905
#3	.0212400	.1899122	.1756959	.0141826	.1929690	.0985581

Elem	Sr4077
Units	ppm
Avg	.1996515
Stddev	.0019724
%RSD	.9879272

#1	.1983639
#2	.1986683
#3	.2019222

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1899.411	4128.742	46537.07	10234.67	4916.027
Stddev	6.613	24.707	98.74	85.69	23.765
%RSD	.3481563	.5984178	.2121772	.8372531	.4834282

#1	1898.869	4137.165	46454.18	10291.05	4927.081
#2	1893.086	4148.136	46510.72	10276.91	4932.252
#3	1906.278	4100.925	46646.32	10136.07	4888.748

Sample Name: J1609-01 Acquired: 2/26/2018 14:43:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0784642	.0005408	.5726151	.0061812	.0059600	93.42909	2.055772
Stddev	.0027198	.0021067	.0017153	.0003538	.0013234	.39716	.008474
%RSD	3.466339	389.5304	.2995474	5.723559	22.20392	.4250976	.4122235

#1	.0756731	.0029368	.5740439	.0058757	.0074304	93.84782	2.064592
#2	.0811066	-.000293	.5707128	.0065688	.0055847	93.38172	2.055034
#3	.0786130	-.001021	.5730885	.0060990	.0048648	93.05774	2.047691

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089710	.0029425	34.23654	.1368050	.1441628	.1317994	186.0379
Stddev	.0000868	.0000358	.13943	.0015016	.0002448	.0025171	.7983
%RSD	.9678438	1.218223	.4072683	1.097617	.1698251	1.909783	.4290815

#1	.0090370	.0029444	34.38262	.1373892	.1443628	.1337439	186.7300
#2	.0090033	.0029058	34.22211	.1379267	.1438898	.1326980	186.2190
#3	.0088726	.0029774	34.10488	.1350991	.1442359	.1289564	185.1646

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.31571	24.40097	.1281591	.0034427	.5484210	.3039975	.7703728
Stddev	.06029	.08499	.0008859	.0004891	.1296154	.0017353	.0182449
%RSD	.5844414	.3483008	.6912278	14.20615	23.63429	.5708135	2.368323

#1	10.38003	24.49084	.1290537	.0031074	.4073214	.3035450	.7793451
#2	10.30662	24.39018	.1272822	.0032168	.5757467	.3025333	.7823941
#3	10.26048	24.32190	.1281413	.0040039	.6621948	.3059142	.7493790

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.038208	3.989731	.1171577	.0070975	3.205654	7.640408	.0041386
Stddev	.040410	.013971	.0013304	.0001291	.017063	.112249	.0011576
%RSD	.5027280	.3501622	1.135546	1.819013	.5322886	1.469148	27.97114

#1	8.069695	3.977081	.1160945	.0069633	3.200752	7.729212	.0051355
#2	7.992641	3.987387	.1167291	.0071083	3.191578	7.677769	.0044113
#3	8.052288	4.004726	.1186496	.0072208	3.224632	7.514243	.0028689

Sample Name: J1609-01 Acquired: 2/26/2018 14:43:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6310720	.0617523	.0850421
Stddev	.0017350	.0006235	.0001358
%RSD	.2749318	1.009627	.1596864

#1	.6308942	.0610768	.0851987
#2	.6328891	.0618742	.0849572
#3	.6294328	.0623057	.0849703

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2137.536	4678.980	52914.08	11533.70	4729.375
Stddev	42.880	6.622	776.40	69.57	1.208
%RSD	2.006037	.1415236	1.467278	.6031933	.0255494

#1	2109.509	4685.305	52445.93	11458.30	4730.448
#2	2116.200	4672.096	52486.02	11547.39	4728.066
#3	2186.898	4679.539	53810.29	11595.41	4729.611

Sample Name: J1609-02 Acquired: 2/26/2018 14:47:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1205257	-.003739	5.321567	.0097392	.0089303	100.9522
Stddev	.0042591	.001534	.127147	.0034597	.0014537	.1839
%RSD	3.533767	41.04066	2.389283	35.52352	16.27796	.1821239

#1	.1166170	-.001975	5.212009	.0099119	.0075309	101.0996
#2	.1250649	-.004474	5.460988	.0061964	.0104328	100.7462
#3	.1198952	-.004767	5.291705	.0131094	.0088272	101.0107

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.71831	.0109123	.0088339	51.57904	.1513057	.1908619
Stddev	.25886	.0000849	.0003443	.10803	.0013189	.0041455
%RSD	1.191904	.7781288	3.897216	.2094495	.8716875	2.171965

#1	21.81194	.0110089	.0085363	51.69482	.1513064	.1873129
#2	21.91733	.0108787	.0092110	51.56135	.1499865	.1954182
#3	21.42566	.0108494	.0087544	51.48094	.1526243	.1898545

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2042680	223.0111	12.21039	24.29197	.1661298	.0045263
Stddev	.0011668	.5534	.04386	.00993	.0035933	.0005846
%RSD	.5711937	.2481379	.3592049	.0408695	2.162952	12.91612

#1	.2029243	223.5998	12.24594	24.28775	.1632069	.0051257
#2	.2050246	222.9320	12.22385	24.30331	.1701416	.0044955
#3	.2048550	222.5016	12.16138	24.28485	.1650409	.0039577

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6234987	.4127851	4.141799	9.501130	5.898637	.1423962
Stddev	.1021070	.0008794	.029728	.071578	.180196	.0010462
%RSD	16.37646	.2130478	.7177555	.7533656	3.054882	.7346882

#1	.6364015	.4137939	4.132958	9.571003	5.751642	.1436004
#2	.5155535	.4123807	4.117493	9.504427	6.099669	.1418778
#3	.7185410	.4121805	4.174944	9.427961	5.844601	.1417105

Sample Name: J1609-02 Acquired: 2/26/2018 14:47:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096606	9.312496	6.279039	.0082239	.6513074	.0609285
Stddev	.0005590	.267204	.011318	.0009400	.0053184	.0009668
%RSD	5.786391	2.869302	.1802507	11.42953	.8165788	1.586788

#1	.0090173	9.090277	6.285203	.0074670	.6546736	.0598751
#2	.0100278	9.608975	6.265976	.0079286	.6540726	.0611351
#3	.0099368	9.238235	6.285936	.0092760	.6451760	.0617753

Elem	Sr4077
Units	ppm
Avg	.1638317
Stddev	.0011990
%RSD	.7318499

#1	.1645121
#2	.1645358
#3	.1624473

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2160.672	4595.228	53540.47	11792.63	4481.341
Stddev	18.283	73.124	251.30	102.09	94.291
%RSD	.8461567	1.591297	.4693613	.8657095	2.104074

#1	2151.002	4658.366	53372.99	11686.29	4563.681
#2	2181.759	4515.107	53829.43	11801.75	4378.480
#3	2149.255	4612.210	53418.99	11889.86	4501.860

Sample Name: J1609-03 Acquired: 2/26/2018 14:51:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0557052	.0112867	.7575715	.0092369	.0050878	59.57531	10.04423
Stddev	.0027326	.0009287	.0082520	.0002158	.0006649	.50894	.08463
%RSD	4.905537	8.228174	1.089273	2.336579	13.06865	.8542821	.8425648

#1	.0557805	.0102888	.7651498	.0094744	.0050587	59.90593	10.11883
#2	.0583993	.0114454	.7587845	.0091835	.0044380	59.83076	9.95227
#3	.0529356	.0121257	.7487800	.0090528	.0057668	58.98924	10.06159

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064221	.0033856	78.88978	.1012524	.1521683	.1380862	128.5879
Stddev	.0001011	.0000339	.41576	.0009909	.0014050	.0019442	.8974
%RSD	1.574908	1.000968	.5270075	.9786226	.9233503	1.407931	.6979021

#1	.0065357	.0033878	79.08261	.1001302	.1533045	.1399942	129.2201
#2	.0063887	.0034183	79.17411	.1020066	.1526031	.1381566	128.9830
#3	.0063418	.0033506	78.41262	.1016205	.1505972	.1361078	127.5608

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.89878	21.95049	.1112782	.0023552	.2713774	.2089346	.8469739
Stddev	.14328	.06034	.0004798	.0000744	.0357336	.0046949	.0120756
%RSD	.9012235	.2748954	.4311831	3.159062	13.16749	2.247090	1.425730

#1	16.01115	21.98818	.1115587	.0024354	.3124109	.2099072	.8470576
#2	15.94776	21.98239	.1115517	.0022884	.2471083	.2130671	.8590073
#3	15.73743	21.88090	.1107241	.0023418	.2546130	.2038296	.8348566

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.79872	9.542440	.1217864	.0085553	12.23171	7.837905	.0031826
Stddev	.22390	.117477	.0026559	.0003359	.16045	.117837	.0011094
%RSD	1.512984	1.231104	2.180825	3.925768	1.311763	1.503423	34.85779

#1	15.05120	9.595224	.1202324	.0088937	12.34069	7.973056	.0041873
#2	14.72066	9.624268	.1248531	.0082220	12.30697	7.783975	.0033684
#3	14.62430	9.407830	.1202737	.0085502	12.04746	7.756684	.0019920

Sample Name: J1609-03 Acquired: 2/26/2018 14:51:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7786714	.0477670	.4746332
Stddev	.0031439	.0008529	.0017499
%RSD	.4037543	1.785522	.3686929

#1	.7803678	.0468303	.4753970
#2	.7806028	.0484988	.4758713
#3	.7750437	.0479719	.4726312

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2062.006	4491.801	51281.16	11580.93	4671.422
Stddev	6.756	25.596	224.71	80.20	33.472
%RSD	.3276314	.5698439	.4381989	.6925606	.7165301

#1	2063.025	4474.065	51534.58	11488.51	4649.466
#2	2054.799	4480.193	51106.17	11632.28	4654.852
#3	2068.195	4521.144	51202.74	11622.00	4709.947

Sample Name: J1609-04 Acquired: 2/26/2018 14:55:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1010528	-.018963	7.056686	.0029117	.0125633	84.18201
Stddev	.0057052	.003925	.027571	.0013673	.0006331	.65631
%RSD	5.645735	20.70033	.3907088	46.95944	5.039191	.7796379

#1	.1068136	-.020732	7.068284	.0042325	.0122608	84.43676
#2	.1009401	-.014464	7.025210	.0015022	.0121383	83.43651
#3	.0954049	-.021692	7.076562	.0030002	.0132909	84.67276

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.18486	.0138552	.0216690	F 992.0407	.1552765	.2085535
Stddev	.01830	.0001512	.0001224	7.9026	.0027666	.0003210
%RSD	.0824693	1.091100	.5646815	.7966035	1.781714	.1539245

#1	22.17783	.0139185	.0215341	999.8381	.1520826	.2086478
#2	22.20563	.0136826	.0217729	992.2471	.1569331	.2081959
#3	22.17113	.0139644	.0216999	984.0369	.1568137	.2088169

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5616033	235.3120	6.929444	562.7894	.1658311	.0058664
Stddev	.0041402	1.1595	.033178	3.1320	.0009533	.0002552
%RSD	.7372021	.4927613	.4787908	.5565223	.5748310	4.350453

#1	.5637741	236.4214	6.957209	565.8177	.1655374	.0061401
#2	.5568292	234.1081	6.892701	559.5630	.1650592	.0058242
#3	.5642067	235.4065	6.938420	562.9874	.1668966	.0056349

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.347464	.4012728	5.094978	7.264156	3.006186	.1355985
Stddev	.080409	.0021754	.055933	.105305	.010299	.0032417
%RSD	3.425362	.5421318	1.097805	1.449656	.3425974	2.390688

#1	2.334207	.4036771	5.118540	7.207505	2.999562	.1384587
#2	2.274507	.3994406	5.135276	7.199304	3.018051	.1362597
#3	2.433677	.4007007	5.031120	7.385660	3.000944	.1320772

Sample Name: J1609-04 Acquired: 2/26/2018 14:55:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223276	11.30291	17.56706	.3062488	.4658818	.0702205
Stddev	.0003820	.06175	.13474	.0017751	.0001449	.0010421
%RSD	1.710979	.5463598	.7670237	.5796341	.0310986	1.483981

#1	.0219465	11.24496	17.57951	.3074094	.4658958	.0697057
#2	.0227106	11.36787	17.42653	.3071316	.4660193	.0695359
#3	.0223256	11.29591	17.69515	.3042053	.4657305	.0714197

Elem	Sr4077
Units	ppm
Avg	.6994244
Stddev	.0021260
%RSD	.3039705

#1	.6990610
#2	.6975034
#3	.7017087

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1913.855	4048.890	48265.28	11477.80	3528.482
Stddev	7.783	6.985	461.23	41.91	9.018
%RSD	.4066788	.1725056	.9556218	.3651288	.2555797

#1	1916.131	4050.765	48783.43	11469.75	3526.609
#2	1905.188	4054.745	47899.52	11523.15	3538.289
#3	1920.248	4041.159	48112.90	11440.50	3520.547

Sample Name: J1609-05 Acquired: 2/26/2018 14:59:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1157434	-.004473	6.379052	.0106303	.0080826	100.3952
Stddev	.0038142	.001416	.073835	.0040891	.0030484	.6249
%RSD	3.295439	31.65792	1.157458	38.46649	37.71630	.6224888

#1	.1130601	-.003705	6.308118	.0117942	.0115874	99.7193
#2	.1201097	-.006107	6.373556	.0060855	.0066135	100.5142
#3	.1140604	-.003606	6.455481	.0140113	.0060468	100.9520

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 25.32458	.0084763	.0326557	271.5813	.1531313	.1844387
Stddev	.35067	.0001262	.0004815	1.8538	.0009673	.0026031
%RSD	1.384711	1.489233	1.474426	.6825859	.6316545	1.411345

#1	25.31943	.0085986	.0322822	269.8717	.1522264	.1817504
#2	24.97650	.0083464	.0324858	271.3207	.1541507	.1846185
#3	25.67779	.0084839	.0331991	273.5516	.1530166	.1869472

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4646589	219.6038	10.32697	138.3347	.1680328	.0055194
Stddev	.0059201	1.3801	.09942	.6504	.0022870	.0001119
%RSD	1.274073	.6284371	.9627146	.4701999	1.361057	2.027194

#1	.4593796	218.0136	10.22312	137.5953	.1666354	.0053902
#2	.4635375	220.3086	10.33652	138.5897	.1667907	.0055837
#3	.4710594	220.4891	10.42127	138.8190	.1706720	.0055843

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.169154	.3712336	4.755652	10.75906	6.684697	.1504612
Stddev	.094613	.0044269	.004110	.06827	.134237	.0062902
%RSD	8.092398	1.192477	.0864203	.6345251	2.008126	4.180596

#1	1.083805	.3666308	4.752440	10.79653	6.540232	.1433113
#2	1.270890	.3716095	4.754233	10.68026	6.708280	.1551432
#3	1.152766	.3754605	4.760284	10.80040	6.805581	.1529290

Sample Name: J1609-05 Acquired: 2/26/2018 14:59:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122871	12.93316	6.233951	.0101179	.9103460	.0825890
Stddev	.0004349	.24695	.044168	.0009731	.0044182	.0004033
%RSD	3.539630	1.909418	.7085065	9.617788	.4853301	.4882741

#1	.0118401	12.68443	6.237579	.0102659	.9083532	.0829237
#2	.0123123	12.93677	6.188081	.0090793	.9072753	.0827020
#3	.0127088	13.17828	6.276193	.0110085	.9154096	.0821413

Elem	Sr4077
Units	ppm
Avg	.4242785
Stddev	.0007803
%RSD	.1839067

#1	.4247295
#2	.4233775
#3	.4247285

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1862.536	4041.325	46553.80	10776.48	4058.925
Stddev	16.591	40.152	150.47	66.55	41.837
%RSD	.8907499	.9935421	.3232104	.6175483	1.030732

#1	1843.684	4076.293	46486.44	10770.79	4095.338
#2	1874.910	4050.206	46726.18	10845.68	4068.212
#3	1869.014	3997.476	46448.79	10712.95	4013.226

Sample Name: J1609-06 Acquired: 2/26/2018 15:03:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0916440	.0040213	2.888144	.0064454	.0067699	86.97140	12.46726
Stddev	.0009835	.0031522	.023392	.0013991	.0004714	.14266	.08193
%RSD	1.073143	78.38750	.8099226	21.70699	6.962788	.1640328	.6571476

#1	.0925402	.0012432	2.884638	.0072577	.0062955	86.99842	12.54627
#2	.0905919	.0074469	2.866703	.0048299	.0067760	87.09861	12.38270
#3	.0918000	.0033737	2.913091	.0072488	.0072382	86.81716	12.47281

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097968	.0128264	65.10285	.1503746	.1500198	.1908078	191.7267
Stddev	.0000893	.0003092	.32062	.0007539	.0014310	.0022413	.9009
%RSD	.9109827	2.410806	.4924803	.5013520	.9538420	1.174618	.4698662

#1	.0098724	.0127428	65.34123	.1497782	.1497263	.1885107	192.2718
#2	.0096983	.0125675	65.22898	.1501238	.1487584	.1909239	192.2214
#3	.0098195	.0131688	64.73835	.1512220	.1515747	.1929887	190.6869

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.78603	32.28515	.1754362	.0036364	.6440877	.3116112	3.825190
Stddev	.04996	.24313	.0015210	.0002870	.0879041	.0018165	.040817
%RSD	.3907304	.7530706	.8670073	7.892296	13.64785	.5829276	1.067047

#1	12.81307	32.42625	.1751237	.0033352	.5694638	.3095486	3.780803
#2	12.81664	32.42478	.1740957	.0039067	.6218129	.3129722	3.833660
#3	12.72838	32.00440	.1770892	.0036673	.7409865	.3123130	3.861108

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.59687	6.913265	.1249027	.0061716	5.945590	8.526321	.0067084
Stddev	.06494	.047563	.0036861	.0001436	.034960	.032987	.0010070
%RSD	.5154969	.6880015	2.951142	2.327503	.5880058	.3868863	15.01165

#1	12.53597	6.893771	.1250630	.0060100	5.924493	8.546924	.0056332
#2	12.58944	6.878544	.1285059	.0062848	5.926333	8.488274	.0068627
#3	12.66520	6.967478	.1211391	.0062199	5.985945	8.543765	.0076294

Sample Name: J1609-06 Acquired: 2/26/2018 15:03:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6H7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7214315	.0527250	.1409430
Stddev	.0063820	.0010738	.0011243
%RSD	.8846243	2.036668	.7977236

#1	.7287600	.0536667	.1420993
#2	.7184373	.0515556	.1408759
#3	.7170971	.0529526	.1398537

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2138.017	4705.686	52938.29	11695.71	4597.423
Stddev	21.013	23.262	488.62	70.13	30.889
%RSD	.9828406	.4943394	.9230038	.5996417	.6718727

#1	2154.527	4701.365	53380.31	11615.70	4602.672
#2	2145.161	4730.806	53020.95	11746.55	4625.352
#3	2114.364	4684.887	52413.61	11724.88	4564.247

Sample Name: CCV018 Acquired: 2/26/2018 15:08:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.909699	4.894736	24.13267	5.031308	5.035113	374.5446	9.658205
Stddev	.013783	.012300	.10926	.027421	.031221	2.5113	.035250
%RSD	.2807321	.2512922	.4527298	.5450001	.6200653	.6704935	.3649767

#1	4.893883	4.885757	24.02392	5.003583	5.000464	371.7284	9.617695
#2	4.919145	4.889696	24.13168	5.031927	5.043817	376.5513	9.675021
#3	4.916069	4.908756	24.24242	5.058413	5.061059	375.3541	9.681897

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4707504	2.431966	375.1001	15.02371	2.444664	13.92463	377.5946
Stddev	.0030045	.010467	2.1533	.14527	.011250	.11571	1.4751
%RSD	.6382349	.4304049	.5740552	.9669166	.4601978	.8309748	.3906535

#1	.4684935	2.421891	372.6908	14.94109	2.433623	13.79447	376.0749
#2	.4741607	2.431220	376.8369	14.93858	2.444258	14.01584	379.0206
#3	.4695970	2.442786	375.7724	15.19144	2.456112	13.96357	377.6883

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.67571	378.1168	2.455870	1.217498	373.4515	2.308001	13.73965
Stddev	.10217	1.7745	.012989	.009732	1.1515	.016313	.20931
%RSD	.7470748	.4693125	.5288845	.7993615	.3083364	.7068115	1.523392

#1	13.55945	376.2761	2.442791	1.208672	372.3354	2.290624	13.50535
#2	13.75120	379.8169	2.456053	1.215886	374.6354	2.322986	13.80544
#3	13.71648	378.2574	2.468767	1.227936	373.3839	2.310393	13.90816

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	140.5186	4.722475	4.680517	4.991663	5.077171	4.493734	4.888441
Stddev	.9171	.021514	.031103	.028163	.008717	.031292	.013081
%RSD	.6526277	.4555654	.6645176	.5641977	.1716935	.6963392	.2675860

#1	139.4613	4.707436	4.656910	4.960935	5.072216	4.461537	4.874580
#2	141.0977	4.712871	4.715760	4.997808	5.072062	4.524034	4.890175
#3	140.9970	4.747118	4.668881	5.016246	5.087237	4.495630	4.900568

Sample Name: CCV018 Acquired: 2/26/2018 15:08:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV018 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.770766	4.956284	4.951481
Stddev	.009612	.002601	.042225
%RSD	.2014710	.0524748	.8527719

#1	4.759986	4.954326	4.956860
#2	4.778443	4.959235	4.990759
#3	4.773870	4.955290	4.906824

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1522.022	3403.638	39695.88	9267.962	3643.269
Stddev	15.421	16.152	227.00	42.147	13.872
%RSD	1.013167	.4745417	.5718585	.4547652	.3807564

#1	1539.192	3421.309	39874.21	9286.318	3657.141
#2	1517.523	3399.967	39773.08	9219.750	3643.269
#3	1509.352	3389.638	39440.34	9297.820	3629.397

Sample Name: CCB018 Acquired: 2/26/2018 15:11:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003834	.0006138	-.001830	.0015185	-.000401	.0081349	-.001023
Stddev	.002006	.0006026	.001001	.0002952	.000973	.0080079	.000111
%RSD	52.32059	98.16616	54.71864	19.44017	242.7325	98.43837	10.81027

#1	-.005487	.0012616	-.002251	.0012834	.000647	.0043724	-.000934
#2	-.004412	.0000700	-.000687	.0018498	-.000574	.0173312	-.001147
#3	-.001602	.0005099	-.002552	.0014223	-.001276	.0027013	-.000989

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000259	.0000027	.0062320	.0000301	.0000438	.0049039	-.004343
Stddev	.0000108	.0000148	.0076293	.0003964	.0000672	.0011481	.002129
%RSD	41.82165	543.3710	122.4215	1317.027	153.4451	23.41177	49.03191

#1	.0000195	.0000149	.0148263	.0004152	.0001212	.0058951	-.005913
#2	.0000198	.0000070	.0002588	-.000377	.0000015	.0036459	-.001919
#3	.0000385	-.000014	.0036109	.000052	.0000086	.0051707	-.005196

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000188	.0292811	.0002199	.0002948	-.114481	-.002888	.0016230
Stddev	.000449	.0240519	.0003096	.0001778	.067529	.000063	.0024659
%RSD	238.8562	82.14136	140.7903	60.29212	58.98656	2.183779	151.9308

#1	-.000554	.0570303	.0005074	.0004713	-.154346	-.002959	-.000755
#2	.000312	.0144165	.0002602	.0002972	-.152586	-.002839	.004168
#3	-.000322	.0163965	-.000108	.0001159	-.036513	-.002867	.001456

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.129619	-.001220	.0027942	.0005238	.0150314	-.003146	.0004069
Stddev	.012789	.001228	.0002585	.0001233	.0005349	.000997	.0004784
%RSD	9.866835	100.6546	9.252322	23.53677	3.558477	31.68452	117.5736

#1	-.123153	-.002345	.0025562	.0006646	.0144142	-.003806	.0007658
#2	-.121354	-.001405	.0027571	.0004714	.0153598	-.003632	.0005913
#3	-.144350	.000090	.0030692	.0004354	.0153202	-.001999	-.000136

Sample Name: CCB018 Acquired: 2/26/2018 15:11:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB018 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006599	.0018599	.0000400
Stddev	.0002856	.0006558	.0000256
%RSD	43.27323	35.25842	64.00812

#1	.0004340	.0026159	.0000453
#2	.0009809	.0015198	.0000625
#3	.0005649	.0014441	.0000122

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.047	4266.329	48061.17	10202.59	5202.565
Stddev	18.478	9.464	203.26	73.74	11.065
%RSD	.9422274	.2218396	.4229212	.7227372	.2126903

#1	1981.233	4267.617	48253.46	10130.67	5212.799
#2	1944.970	4275.083	47848.48	10199.08	5204.073
#3	1956.938	4256.286	48081.56	10278.03	5190.823

Sample Name: J1609-07 Acquired: 2/26/2018 15:16:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0629267	.0079135	1.511002	.0104771	.0051925	74.71381	18.39773
Stddev	.0031473	.0020016	.004005	.0026093	.0014166	.80855	.10349
%RSD	5.001550	25.29421	.2650724	24.90499	27.28239	1.082200	.5625312

#1	.0651621	.0078729	1.515458	.0080536	.0052129	74.33153	18.33561
#2	.0642904	.0099351	1.507702	.0101384	.0037657	75.64262	18.51720
#3	.0593275	.0059324	1.509845	.0132392	.0065987	74.16728	18.34037

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073800	.0027379	24.45280	.1371140	.1588379	.1104414	137.1872
Stddev	.0001028	.0000290	.17600	.0011203	.0007510	.0004866	.8456
%RSD	1.393433	1.058730	.7197725	.8170792	.4727796	.4405784	.6164034

#1	.0073240	.0027045	24.35273	.1365366	.1594072	.1104176	136.8178
#2	.0073174	.0027543	24.65602	.1364001	.1579868	.1099672	138.1546
#3	.0074987	.0027550	24.34964	.1384052	.1591197	.1109395	136.5890

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.99140	17.38472	.1965281	.0025717	.7035278	.2305860	.6186770
Stddev	.13648	.17412	.0003785	.0000947	.1505540	.0009296	.0070607
%RSD	.9103744	1.001549	.1926073	3.683077	21.39986	.4031398	1.141257

#1	14.94205	17.38820	.1969243	.0026199	.5441341	.2303001	.6121536
#2	15.14569	17.55707	.1961701	.0026325	.7231268	.2298330	.6261739
#3	14.88646	17.20889	.1964898	.0024626	.8433225	.2316250	.6177034

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.16037	3.340005	.0978341	.0094370	5.635116	5.840069	.0038077
Stddev	.08730	.043449	.0021643	.0003345	.054794	.020250	.0005007
%RSD	.7822560	1.300853	2.212225	3.544363	.9723690	.3467459	13.14847

#1	11.16454	3.384464	.0972451	.0090642	5.693476	5.820904	.0032568
#2	11.24551	3.337910	.1002319	.0097110	5.627103	5.861253	.0039314
#3	11.07106	3.297642	.0960252	.0095357	5.584770	5.838049	.0042350

Sample Name: J1609-07 Acquired: 2/26/2018 15:16:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6H8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.009925	.0561185	.2544099
Stddev	.001411	.0008349	.0005155
%RSD	.1397134	1.487745	.2026394

#1	1.011463	.0570043	.2549863
#2	1.008690	.0553461	.2539929
#3	1.009620	.0560050	.2542505

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2125.367	4581.829	52455.59	11545.79	4685.786
Stddev	8.700	20.355	221.40	97.56	17.910
%RSD	.4093241	.4442552	.4220627	.8450259	.3822109

#1	2127.992	4569.580	52571.73	11537.86	4668.181
#2	2115.657	4605.326	52200.29	11452.44	4703.986
#3	2132.452	4570.581	52594.75	11647.09	4685.190

Sample Name: J1609-08 Acquired: 2/26/2018 15:20:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0597022	.0085063	1.495418	.0080449	.0041290	75.38020	18.51275
Stddev	.0038456	.0013287	.012511	.0018744	.0028100	.07499	.21419
%RSD	6.441230	15.62024	.8366184	23.29921	68.05393	.0994784	1.156974

#1	.0632698	.0073213	1.509684	.0059980	.0019971	75.37925	18.57112
#2	.0556287	.0099428	1.486314	.0096775	.0073133	75.45566	18.69170
#3	.0602081	.0082550	1.490256	.0084592	.0030768	75.30570	18.27543

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073161	.0025452	24.51250	.1399996	.1564251	.1098178	137.8516
Stddev	.0000587	.0001234	.03009	.0004982	.0013420	.0022356	.1305
%RSD	.8022778	4.847991	.1227727	.3558653	.8578988	2.035763	.0946614

#1	.0073632	.0026241	24.54706	.1397246	.1578031	.1123577	137.9441
#2	.0072504	.0026085	24.49206	.1405747	.1551223	.1089473	137.9083
#3	.0073348	.0024030	24.49839	.1396995	.1563497	.1081483	137.7023

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.10118	17.41940	.1942411	.0023263	.5482417	.2326134	.6231441
Stddev	.04186	.04217	.0015237	.0002918	.1414824	.0025730	.0072865
%RSD	.2772273	.2421067	.7844656	12.54357	25.80657	1.106141	1.169319

#1	15.14940	17.46084	.1958579	.0026228	.4668883	.2322976	.6214022
#2	15.07412	17.37653	.1928316	.0023168	.7116111	.2302128	.6311438
#3	15.08002	17.42083	.1940338	.0020394	.4662257	.2353297	.6168864

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.17033	3.307026	.0966101	.0093248	5.546401	5.847919	.0053025
Stddev	.04863	.035082	.0007066	.0002751	.052160	.015220	.0003301
%RSD	.4353759	1.060819	.7314491	2.950144	.9404244	.2602635	6.226418

#1	11.13637	3.335948	.0971623	.0090077	5.582715	5.836278	.0053155
#2	11.22604	3.268001	.0968543	.0094675	5.486631	5.865142	.0056259
#3	11.14857	3.317128	.0958138	.0094992	5.569856	5.842337	.0049660

Sample Name: J1609-08 Acquired: 2/26/2018 15:20:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.013733	.0554690	.2560738
Stddev	.000578	.0007671	.0002086
%RSD	.0570459	1.383023	.0814533

#1	1.014307	.0563536	.2560435
#2	1.013742	.0550668	.2558820
#3	1.013150	.0549866	.2562958

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2122.657	4645.110	52371.48	11536.43	4750.743
Stddev	9.185	31.575	179.00	35.73	35.825
%RSD	.4327267	.6797495	.3417809	.3096716	.7540897

#1	2124.997	4608.694	52359.40	11496.12	4709.863
#2	2112.527	4664.853	52198.84	11564.15	4776.665
#3	2130.445	4661.784	52556.22	11549.04	4765.701

Sample Name: J1609-09 Acquired: 2/26/2018 15:24:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1365625	.1168008	1.588135	.1065929	.1949530	81.66759
Stddev	.0014970	.0014153	.008104	.0049809	.0014784	.49918
%RSD	1.096199	1.211740	.5102724	4.672822	.7583296	.6112283

#1	.1376428	.1165422	1.581968	.1096495	.1932658	82.23916
#2	.1348537	.1183276	1.585125	.1092838	.1955716	81.31736
#3	.1371910	.1155326	1.597314	.1008453	.1960217	81.44624

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.16294	.0980557	.1129723	24.80460	.5136663	1.259988
Stddev	.11220	.0004830	.0007133	.09461	.0005617	.008648
%RSD	.4643642	.4925811	.6313866	.3814192	.1093590	.6863498

#1	24.06135	.0985760	.1124723	24.91385	.5130558	1.254146
#2	24.28337	.0979695	.1126555	24.74979	.5137818	1.255895
#3	24.14409	.0976216	.1137891	24.75017	.5141613	1.269923

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5746136	142.9143	16.22892	17.76937	1.302468	.0831457
Stddev	.0060445	.4773	.10815	.03465	.009636	.0003067
%RSD	1.051927	.3339428	.6664050	.1950254	.7398281	.3688630

#1	.5811883	143.4577	16.35085	17.80856	1.295609	.0829982
#2	.5733550	142.5631	16.14458	17.75678	1.298311	.0829405
#3	.5692974	142.7221	16.19132	17.74277	1.313485	.0834982

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7043386	1.180433	1.504641	11.35046	3.504714	.0998643
Stddev	.0896083	.004355	.016238	.11513	.024316	.0022544
%RSD	12.72233	.3689434	1.079202	1.014346	.6938023	2.257416

#1	.6860572	1.185373	1.496009	11.47155	3.511604	.0980884
#2	.6252808	1.177149	1.494542	11.33742	3.524842	.0991038
#3	.8016779	1.178777	1.523372	11.24239	3.477697	.1024005

Sample Name: J1609-09 Acquired: 2/26/2018 15:24:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H8S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063661	6.078979	10.64647	.0037690	1.213458	.0588940
Stddev	.0002796	.043364	.05065	.0009987	.005928	.0010997
%RSD	4.392394	.7133444	.4757133	26.49748	.4884820	1.867217

#1	.0064363	6.049313	10.69513	.0048436	1.220248	.0600847
#2	.0066039	6.128746	10.65024	.0028694	1.209318	.0579165
#3	.0060580	6.058879	10.59405	.0035940	1.210808	.0586809

Elem	Sr4077
Units	ppm
Avg	.2727557
Stddev	.0007319
%RSD	.2683225

#1	.2735540
#2	.2721164
#3	.2725966

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2087.853	4503.994	51499.42	11347.72	4579.475
Stddev	13.700	17.581	207.36	66.64	22.611
%RSD	.6561812	.3903526	.4026372	.5872586	.4937405

#1	2097.048	4514.853	51687.28	11270.82	4595.757
#2	2094.404	4513.419	51534.04	11383.68	4589.008
#3	2072.107	4483.709	51276.93	11388.65	4553.658

Sample Name: J1609-07LX5 Acquired: 2/26/2018 15:28:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156683	.0008388	.2944051	.0017448	.0000889	16.33235	4.079800
Stddev	.0008102	.0030584	.0033539	.0015889	.0007876	.04709	.005836
%RSD	5.170733	364.5982	1.139217	91.06405	885.8924	.2883205	.1430505

#1	.0156448	.0033114	.2926203	.0012494	.0008964	16.27855	4.073917
#2	.0164899	.0017863	.2923210	.0035223	-.000677	16.35240	4.079894
#3	.0148701	-.002581	.2982740	.0004626	.000047	16.36609	4.085589

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017119	.0003283	5.397288	.0283706	.0300995	.0300958	30.55557
Stddev	.0000644	.0000739	.016578	.0006790	.0002791	.0017595	.05413
%RSD	3.764543	22.51416	.3071594	2.393163	.9271808	5.846193	.1771493

#1	.0016423	.0003058	5.407562	.0291428	.0297776	.0281918	30.52339
#2	.0017238	.0002683	5.378162	.0281014	.0302738	.0316616	30.61806
#3	.0017696	.0004109	5.406138	.0278674	.0302470	.0304341	30.52525

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.363227	3.880895	.0369131	.0006492	.0755962	.0516690	.1353283
Stddev	.005964	.020691	.0004098	.0000274	.0777528	.0006937	.0033227
%RSD	.1773156	.5331506	1.110294	4.224476	102.8529	1.342606	2.455268

#1	3.357159	3.873027	.0367456	.0006650	.1611023	.0509201	.1386749
#2	3.363444	3.865293	.0366136	.0006175	.0091359	.0522897	.1352798
#3	3.369080	3.904366	.0373802	.0006650	.0565503	.0517970	.1320301

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.389449	.6331016	.0190914	.0019316	1.072494	1.326909	.0012948
Stddev	.011398	.0128350	.0013040	.0000382	.020474	.019422	.0003248
%RSD	.4769964	2.027317	6.830196	1.975552	1.908999	1.463720	25.08690

#1	2.382024	.6235387	.0191833	.0018915	1.058545	1.327097	.0009942
#2	2.402572	.6280775	.0177438	.0019674	1.062939	1.346236	.0012509
#3	2.383751	.6476887	.0203469	.0019359	1.095999	1.307393	.0016394

Sample Name: J1609-07LX5 Acquired: 2/26/2018 15:28:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6H8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2207304	.0129099	.0554885
Stddev	.0014329	.0005802	.0001898
%RSD	.6491753	4.494013	.3420730

#1	.2220897	.0134595	.0556324
#2	.2208679	.0129668	.0555596
#3	.2192338	.0123033	.0552733

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2032.283	4491.490	49985.10	10534.60	5201.139
Stddev	35.440	38.702	774.67	43.48	39.679
%RSD	1.743872	.8616645	1.549810	.4127418	.7628919

#1	1997.445	4526.826	49155.43	10523.67	5238.936
#2	2031.108	4497.515	50110.38	10497.63	5204.666
#3	2068.297	4450.129	50689.50	10582.50	5159.814

Sample Name: J1609-10 Acquired: 2/26/2018 15:32:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2932342	-.021627	7.880321	.0137903	.0254259	102.2430
Stddev	.0021403	.003182	.023990	.0023651	.0014096	.4060
%RSD	.7298929	14.71439	.3044229	17.15027	5.544099	.3971140

#1	.2909869	-.018487	7.875493	.0158994	.0257157	102.7109
#2	.2952484	-.021546	7.859112	.0142382	.0238939	102.0350
#3	.2934672	-.024850	7.906357	.0112333	.0266681	101.9831

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 44.55559	.0146393	.0168964	42.27272	.2706660	.2170752
Stddev	.44837	.0001135	.0001351	.07434	.0015978	.0001601
%RSD	1.006326	.7751470	.7997044	.1758658	.5903274	.0737741

#1	44.45425	.0147423	.0169504	42.33854	.2698649	.2170804
#2	45.04596	.0146581	.0167426	42.19209	.2725060	.2169125
#3	44.16656	.0145177	.0169961	42.28754	.2696273	.2172327

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6020852	587.7153	10.38822	23.41815	.2755155	.0118494
Stddev	.0030019	1.0226	.01248	.10946	.0013080	.0001255
%RSD	.4985836	.1739927	.1201467	.4674028	.4747528	1.058762

#1	.5990541	588.7423	10.37981	23.50482	.2767017	.0117832
#2	.6050570	586.6971	10.38229	23.45449	.2741127	.0119941
#3	.6021444	587.7065	10.40256	23.29515	.2757321	.0117710

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.670565	.5508984	7.995435	13.36578	9.796561	.3185629
Stddev	.143187	.0030408	.090564	.00846	.095817	.0029610
%RSD	8.571187	.5519724	1.132702	.0632852	.9780701	.9294964

#1	1.675663	.5543210	8.057300	13.37493	9.765472	.3218874
#2	1.524897	.5485081	7.891485	13.36419	9.720147	.3162089
#3	1.811136	.5498661	8.037519	13.35823	9.904061	.3175924

Sample Name: J1609-10 Acquired: 2/26/2018 15:32:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0244728	15.57137	10.11969	.0064890	1.170305	.0751129
Stddev	.0004262	.06298	.01686	.0005304	.010095	.0008436
%RSD	1.741364	.4044436	.1666237	8.173478	.8626221	1.123079

#1	.0240299	15.54378	10.11380	.0065881	1.159662	.0755160
#2	.0245084	15.52690	10.10656	.0059161	1.179745	.0741434
#3	.0248800	15.64344	10.13871	.0069628	1.171507	.0756794

Elem	Sr4077
Units	ppm
Avg	.4240369
Stddev	.0010999
%RSD	.2593819

#1	.4229305
#2	.4251302
#3	.4240499

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1884.996	4134.816	46914.88	10384.38	4255.282
Stddev	9.050	10.462	155.55	48.12	8.092
%RSD	.4800927	.2530258	.3315510	.4634263	.1901567

#1	1876.865	4124.384	46788.04	10422.96	4246.802
#2	1894.746	4134.758	46868.18	10330.45	4262.919
#3	1883.378	4145.308	47088.43	10399.71	4256.125

Sample Name: J1609-11 Acquired: 2/26/2018 15:36:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6J0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1657823	-.009923	2.835868	.0126540	.0099755	152.9802	17.98186
Stddev	.0023738	.001462	.014686	.0023981	.0018724	.4964	.20924
%RSD	1.431907	14.73208	.5178656	18.95121	18.77048	.3244620	1.163590

#1	.1682938	-.009690	2.834921	.0108670	.0084577	153.1026	18.10530
#2	.1635756	-.008591	2.821679	.0153794	.0120679	152.4340	17.74028
#3	.1654775	-.011487	2.851005	.0117157	.0094007	153.4039	18.10001

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123980	.0086489	59.50694	.2434771	.2149602	.3238876	334.6818
Stddev	.0000960	.0001388	.14551	.0008798	.0015479	.0027587	.6615
%RSD	.7739855	1.605251	.2445188	.3613459	.7201046	.8517589	.1976396

#1	.0123201	.0088081	59.59060	.2442968	.2150283	.3270281	334.9686
#2	.0125052	.0085531	59.33892	.2425475	.2133793	.3227793	333.9254
#3	.0123687	.0085855	59.59129	.2435869	.2164730	.3218553	335.1515

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.949822	24.94020	.1641695	.0069159	1.187315	.6602762	5.205667
Stddev	.025241	.07901	.0012508	.0002320	.083489	.0026066	.022456
%RSD	.2536866	.3168078	.7618995	3.354258	7.031733	.3947724	.4313761

#1	9.964919	24.86272	.1641232	.0068178	1.275814	.6625838	5.200345
#2	9.920682	24.93720	.1629425	.0071808	1.109955	.6607959	5.230307
#3	9.963866	25.02066	.1654429	.0067491	1.176176	.6574489	5.186351

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.23616	9.276112	.2107426	.0122280	10.00268	9.834859	.0131557
Stddev	.11434	.207752	.0016044	.0000611	.16298	.022815	.0008231
%RSD	.7042357	2.239644	.7612989	.4998535	1.629396	.2319805	6.256363

#1	16.29054	9.385481	.2125406	.0122836	10.07874	9.835503	.0134247
#2	16.10478	9.036523	.2102302	.0122379	9.81557	9.811729	.0122318
#3	16.31317	9.406332	.2094571	.0121625	10.11374	9.857346	.0138106

Sample Name: J1609-11 Acquired: 2/26/2018 15:36:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6J0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8730526	.0836606	.2423581
Stddev	.0055237	.0010335	.0006687
%RSD	.6326913	1.235301	.2758980

#1	.8793552	.0845637	.2430046
#2	.8707495	.0838847	.2416693
#3	.8690532	.0825335	.2424004

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1992.984	4379.057	49541.40	11011.68	4507.417
Stddev	7.992	12.820	91.59	41.81	24.226
%RSD	.4010264	.2927649	.1848769	.3797139	.5374700

#1	1987.365	4375.449	49440.21	10976.43	4502.774
#2	1989.453	4393.295	49565.37	11057.88	4533.629
#3	2002.133	4368.427	49618.62	11000.72	4485.849

Sample Name: J1609-12 Acquired: 2/26/2018 15:40:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6J1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1305843	-.002965	5.812120	.0088435	.0125448	107.4789
Stddev	.0028400	.002987	.046330	.0029000	.0014640	1.5073
%RSD	2.174851	100.7374	.7971194	32.79279	11.66988	1.402439

#1	.1338623	-.004703	5.771017	.0068997	.0120130	109.2021
#2	.1288649	-.004676	5.803018	.0121768	.0114210	106.8295
#3	.1290257	.000484	5.862325	.0074539	.0142003	106.4051

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.74656	.0111234	.0286045	174.7017	.2067544	.1831349
Stddev	.52561	.0001395	.0005982	2.6547	.0005124	.0015576
%RSD	2.123952	1.254338	2.091229	1.519568	.2478386	.8504945

#1	25.33963	.0112580	.0279153	177.7280	.2073459	.1819460
#2	24.33840	.0109794	.0289098	173.6109	.2064446	.1825606
#3	24.56165	.0111328	.0289885	172.7661	.2064728	.1848980

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6442493	260.0103	11.72833	69.63111	.2107118	.0062093
Stddev	.0104467	3.7606	.18886	.90305	.0021980	.0004325
%RSD	1.621524	1.446314	1.610284	1.296899	1.043105	6.965903

#1	.6556521	264.3015	11.94262	70.64698	.2089228	.0066368
#2	.6351399	258.4396	11.65625	69.32689	.2100473	.0062192
#3	.6419558	257.2897	11.58613	68.91947	.2131653	.0057719

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.141774	.4217306	5.232432	16.86779	11.13326	.1761658
Stddev	.145311	.0080088	.054690	.20025	.06832	.0048169
%RSD	12.72681	1.899036	1.045205	1.187193	.6136679	2.734289

#1	1.003734	.4300311	5.233553	17.09821	11.12626	.1811057
#2	1.293402	.4211113	5.286552	16.76945	11.06871	.1759095
#3	1.128185	.4140495	5.177190	16.73572	11.20481	.1714822

Sample Name: J1609-12 Acquired: 2/26/2018 15:40:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6J1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129677	13.76136	8.955010	.0295817	.7338706	.0645193
Stddev	.0001348	.11640	.124687	.0009594	.0109704	.0006953
%RSD	1.039769	.8458149	1.392372	3.243246	1.494874	1.077624

#1	.0130347	13.69356	9.090051	.0290770	.7464888	.0650121
#2	.0128125	13.69477	8.844248	.0289801	.7285301	.0648217
#3	.0130559	13.89576	8.930731	.0306881	.7265930	.0637240

Elem	Sr4077
Units	ppm
Avg	.3032555
Stddev	.0038827
%RSD	1.280338

#1	.3077360
#2	.3011532
#3	.3008772

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2037.241	4382.154	50496.77	11234.90	4321.149
Stddev	7.723	27.263	303.80	144.33	29.929
%RSD	.3790907	.6221273	.6016269	1.284615	.6926283

#1	2029.827	4410.440	50217.26	11069.97	4346.452
#2	2036.657	4379.979	50452.95	11338.04	4328.882
#3	2045.239	4356.045	50820.11	11296.69	4288.111

Sample Name: J1609-13 Acquired: 2/26/2018 15:44:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6J2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1632438	-.007182	9.641091	.0100295	.0134245	165.9374
Stddev	.0010628	.000617	.110512	.0022262	.0016914	1.3035
%RSD	.6510719	8.588358	1.146261	22.19669	12.59948	.7855263

#1	.1644489	-.006476	9.551193	.0109816	.0114743	167.3494
#2	.1628423	-.007453	9.607608	.0074856	.0143066	165.6830
#3	.1624402	-.007617	9.764473	.0116214	.0144925	164.7799

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.34728	.0128766	.0350445	95.56446	.2126394	.2258155
Stddev	.31657	.0000290	.0005743	.61105	.0007070	.0029041
%RSD	1.300233	.2251300	1.638887	.6394092	.3324680	1.286059

#1	24.56988	.0128547	.0346727	96.24548	.2130571	.2237510
#2	24.48708	.0129094	.0347548	95.38373	.2130380	.2245593
#3	23.98487	.0128656	.0357060	95.06416	.2118232	.2291363

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4249533	251.6707	13.53528	46.06963	.2610651	.0060254
Stddev	.0010457	2.2218	.12774	.20713	.0028159	.0001980
%RSD	.2460774	.8828098	.9437444	.4495933	1.078641	3.286855

#1	.4254115	254.2105	13.67594	46.30003	.2581885	.0062529
#2	.4237567	250.7147	13.50342	46.01002	.2611905	.0059320
#3	.4256918	250.0870	13.42649	45.89885	.2638162	.0058915

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8274426	.5549759	F 34.22353	19.84333	11.03059	.1897811
Stddev	.0220845	.0045295	.63300	.11332	.12264	.0053595
%RSD	2.669010	.8161650	1.849597	.5710619	1.111823	2.824027

#1	.8446852	.5602021	34.92678	19.97110	10.90354	.1959687
#2	.8025503	.5525395	34.04442	19.80386	11.03995	.1865915
#3	.8350922	.5521860	33.69939	19.75502	11.14828	.1867832

Sample Name: J1609-13 Acquired: 2/26/2018 15:44:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6J2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082840	12.88044	10.54379	.0403173	.9434318	.1144302
Stddev	.0006399	.11184	.05091	.0008947	.0064400	.0009148
%RSD	7.724854	.8682913	.4828514	2.219215	.6826146	.7994053

#1	.0086757	12.75721	10.59770	.0401118	.9508590	.1142802
#2	.0086308	12.90860	10.49652	.0395432	.9393999	.1154107
#3	.0075455	12.97550	10.53716	.0412969	.9400365	.1135997

Elem	Sr4077
Units	ppm
Avg	.2206373
Stddev	.0009779
%RSD	.4432112

#1	.2217305
#2	.2203357
#3	.2198457

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2148.130	4636.604	53516.60	11888.39	4395.882
Stddev	21.546	27.648	299.37	30.97	38.282
%RSD	1.003031	.5963042	.5593988	.2605335	.8708514

#1	2126.815	4654.396	53324.91	11854.05	4421.552
#2	2147.674	4650.664	53363.32	11896.89	4414.212
#3	2169.901	4604.751	53861.57	11914.22	4351.882

Sample Name: J1609-14 Acquired: 2/26/2018 15:48:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6J3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1248153	-.008668	3.188462	.0072841	.0058955	96.42476	19.20656
Stddev	.0022662	.000967	.026376	.0042558	.0005484	.22902	.09541
%RSD	1.815648	11.15886	.8272456	58.42558	9.301564	.2375104	.4967681

#1	.1266949	-.008968	3.214961	.0030229	.0062615	96.59406	19.29073
#2	.1222988	-.007586	3.188215	.0072950	.0061599	96.16418	19.22604
#3	.1254523	-.009449	3.162210	.0115345	.0052650	96.51604	19.10291

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112394	.0125579	153.2140	.1786768	.1722828	.2382595	237.3889
Stddev	.0001556	.0002049	.3967	.0014183	.0016349	.0011630	.6734
%RSD	1.384046	1.631691	.2589448	.7938014	.9489746	.4881322	.2836538

#1	.0112643	.0127002	153.3836	.1770780	.1741155	.2369196	237.8938
#2	.0110728	.0126504	152.7607	.1791686	.1717583	.2390077	236.6244
#3	.0113810	.0123230	153.4978	.1797838	.1709744	.2388512	237.6485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.22407	68.07179	.1818458	.0054734	.8295884	.3821106	2.808002
Stddev	.03284	.18107	.0016775	.0001790	.1317634	.0025622	.042103
%RSD	.2925788	.2659984	.9224885	3.271378	15.88299	.6705320	1.499410

#1	11.24243	68.22203	.1832901	.0052843	.6852108	.3814164	2.820139
#2	11.18616	67.87074	.1822415	.0054955	.8602088	.3849483	2.842703
#3	11.24363	68.12259	.1800058	.0056403	.9433456	.3799670	2.761163

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.65391	7.506208	.1494412	.0097751	11.61792	18.63889	.0087414
Stddev	.12632	.066936	.0047855	.0002161	.11562	.11032	.0007457
%RSD	.9983062	.8917475	3.202270	2.210873	.9952000	.5918794	8.530203

#1	12.62357	7.580513	.1530861	.0098596	11.72475	18.59892	.0093016
#2	12.54551	7.487480	.1512155	.0099362	11.63383	18.55413	.0078951
#3	12.79264	7.450630	.1440219	.0095295	11.49516	18.76363	.0090276

Sample Name: J1609-14 Acquired: 2/26/2018 15:48:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6J3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6931558	.0552861	.2696876
Stddev	.0054842	.0008445	.0005197
%RSD	.7911984	1.527574	.1927103

#1	.6913375	.0559268	.2694413
#2	.6888117	.0556026	.2693369
#3	.6993183	.0543291	.2702847

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2111.680	4572.014	52539.92	11812.11	4439.060
Stddev	19.710	29.623	311.16	85.29	35.763
%RSD	.9333846	.6479139	.5922314	.7220310	.8056361

#1	2110.821	4548.443	52308.27	11815.87	4405.314
#2	2092.414	4562.334	52417.89	11895.46	4435.319
#3	2131.806	4605.266	52893.60	11725.00	4476.545

Sample Name: J1609-15 Acquired: 2/26/2018 15:52:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6J4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0730646	-.000359	2.096133	.0106646	.0057215	117.9749	15.02433
Stddev	.0019493	.002081	.040804	.0028492	.0004001	.3156	.02344
%RSD	2.667933	580.5136	1.946642	26.71698	6.992267	.2675208	.1560267

#1	.0734013	-.001771	2.081798	.0086185	.0052809	118.0970	15.01403
#2	.0748237	-.001336	2.142170	.0094563	.0058213	117.6164	15.00780
#3	.0709689	.002032	2.064431	.0139188	.0060621	118.2111	15.05116

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094383	.0002699	7.669336	.1358203	.1648578	.1204700	196.3979
Stddev	.0001064	.0002160	.019259	.0004357	.0028931	.0005536	.6120
%RSD	1.127264	80.01604	.2511218	.3208226	1.754930	.4595099	.3116142

#1	.0093223	.0001576	7.666819	.1361446	.1640777	.1205678	196.4689
#2	.0094614	.0005189	7.651458	.1353250	.1680610	.1198740	195.7535
#3	.0095313	.0001332	7.689730	.1359911	.1624347	.1209681	196.9713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.770463	17.26443	.1625996	.0037849	.7985715	.3102348	.6352678
Stddev	.038925	.10636	.0035032	.0002274	.0812755	.0037140	.0061780
%RSD	.3983957	.6160927	2.154496	6.008389	10.17761	1.197158	.9724981

#1	9.795119	17.29311	.1618908	.0036414	.8861229	.3135136	.6339385
#2	9.725589	17.14667	.1664030	.0040471	.7255251	.3062014	.6298627
#3	9.790681	17.35352	.1595050	.0036661	.7840664	.3109892	.6420022

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.392295	1.994876	.1242217	.0068662	3.735225	6.143370	.0047488
Stddev	.037906	.045637	.0031035	.0005019	.092603	.016899	.0002781
%RSD	.4035875	2.287730	2.498332	7.309215	2.479169	.2750812	5.856292

#1	9.361100	2.009980	.1265631	.0070694	3.760709	6.134437	.0047047
#2	9.434483	2.031046	.1207016	.0072346	3.812416	6.162861	.0044955
#3	9.381304	1.943601	.1254005	.0062946	3.632548	6.132811	.0050464

Sample Name: J1609-15 Acquired: 2/26/2018 15:52:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6J4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.071435	.0864498	.2157438
Stddev	.000299	.0011147	.0002390
%RSD	.0278972	1.289356	.1107880

#1	1.071760	.0855504	.2156191
#2	1.071369	.0861022	.2160194
#3	1.071174	.0876969	.2155929

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2122.513	4622.676	52370.08	11582.59	4705.032
Stddev	6.293	80.927	78.43	33.01	84.112
%RSD	.2964875	1.750646	.1497656	.2849759	1.787708

#1	2122.141	4647.440	52318.41	11619.17	4731.823
#2	2116.415	4532.261	52331.49	11573.59	4610.788
#3	2128.984	4688.328	52460.33	11555.03	4772.486

Sample Name: J1609-16 Acquired: 2/26/2018 15:56:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6J5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0611053	.0012636	.6390557	.0058417	.0022858	53.18194	4.440873
Stddev	.0011841	.0022344	.0040240	.0016954	.0012515	.93429	.064430
%RSD	1.937881	176.8341	.6296806	29.02170	54.75287	1.756782	1.450837

#1	.0600072	.0038194	.6364526	.0054597	.0035858	54.26075	4.515198
#2	.0609487	-.000320	.6370240	.0076955	.0021824	52.64678	4.406551
#3	.0623599	.000291	.6436905	.0043700	.0010891	52.63828	4.400870

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070711	.0028766	21.23096	.1132627	.0894752	.0894462	141.8197
Stddev	.0000226	.0001399	.34969	.0003951	.0003903	.0020984	2.2821
%RSD	.3200054	4.864405	1.647099	.3488328	.4362702	2.345932	1.609171

#1	.0070651	.0027186	21.63419	.1128745	.0890250	.0916189	144.4466
#2	.0070520	.0029850	21.04790	.1136644	.0896817	.0874311	140.6870
#3	.0070961	.0029262	21.01080	.1132491	.0897189	.0892884	140.3256

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.739572	12.54810	.1132789	.0030360	.3949693	.2128168	.5752574
Stddev	.154825	.20850	.0006025	.0002777	.0657573	.0066593	.0101816
%RSD	1.589645	1.661576	.5318533	9.147165	16.64872	3.129122	1.769916

#1	9.917992	12.77554	.1125832	.0033562	.4505217	.2189339	.5678413
#2	9.640603	12.50274	.1136218	.0028899	.4120204	.2137935	.5710651
#3	9.660120	12.36601	.1136316	.0028618	.3223660	.2057231	.5868658

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.006695	4.110030	.0891873	.0037912	3.225870	13.18584	.0020277
Stddev	.174491	.016515	.0013637	.0004477	.016764	.12397	.0007824
%RSD	2.179315	.4018340	1.528984	11.80940	.5196597	.9401429	38.58478

#1	8.204432	4.124693	.0907615	.0042816	3.224285	13.32898	.0012976
#2	7.874329	4.092139	.0884288	.0034045	3.209954	13.11379	.0019320
#3	7.941324	4.113259	.0883715	.0036873	3.243369	13.11474	.0028536

Sample Name: J1609-16 Acquired: 2/26/2018 15:56:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6J5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5810366	.0317856	.0625380
Stddev	.0042468	.0005817	.0005837
%RSD	.7309074	1.830148	.9332706

#1	.5857142	.0324018	.0632097
#2	.5774229	.0317093	.0621538
#3	.5799727	.0312458	.0622506

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2175.933	4691.824	53305.97	11527.17	4875.693
Stddev	22.586	6.283	343.11	143.86	5.944
%RSD	1.037999	.1339227	.6436618	1.248016	.1219059

#1	2191.076	4695.194	53395.81	11361.37	4881.434
#2	2186.751	4695.703	53595.21	11619.03	4876.081
#3	2149.973	4684.574	52926.87	11601.10	4869.565

Sample Name: J1609-17 Acquired: 2/26/2018 16:00:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6J6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0603699	-.001153	1.748316	.0072073	.0075533	72.33906
Stddev	.0024170	.002288	.008175	.0025868	.0018139	1.16149
%RSD	4.003648	198.4655	.4675875	35.89166	24.01509	1.605617

#1	.0608461	-.003671	1.747569	.0101885	.0080899	73.59362
#2	.0625134	.000800	1.740540	.0058759	.0090383	72.12242
#3	.0577503	-.000588	1.756839	.0055572	.0055315	71.30115

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.30264	.0060375	.0173238	69.48802	.1329032	.0762549
Stddev	.48827	.0001696	.0001027	1.08522	.0010551	.0007251
%RSD	2.189279	2.809093	.5930743	1.561731	.7938922	.9509080

#1	22.85617	.0062217	.0172915	70.64244	.1338021	.0758863
#2	22.11866	.0060029	.0172411	69.33294	.1317416	.0757880
#3	21.93309	.0058879	.0174388	68.48869	.1331661	.0770902

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6173683	158.9542	5.991345	22.00599	.0966371	.0037578
Stddev	.0094278	2.0960	.075923	.24147	.0007917	.0003402
%RSD	1.527104	1.318630	1.267216	1.097287	.8192638	9.053566

#1	.6268928	161.2547	6.075273	22.26446	.0962600	.0033784
#2	.6171718	158.4549	5.971323	21.96733	.0961044	.0038592
#3	.6080402	157.1528	5.927440	21.78619	.0975469	.0040358

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5366617	.2314105	2.954254	8.172277	4.031037	.1146450
Stddev	.0964263	.0043194	.032112	.060338	.047466	.0032908
%RSD	17.96780	1.866575	1.086960	.7383307	1.177515	2.870454

#1	.5918466	.2353652	2.918708	8.216722	4.046166	.1117649
#2	.5928189	.2320654	2.962890	8.196523	3.977850	.1139383
#3	.4253196	.2268011	2.981165	8.103587	4.069094	.1182317

Sample Name: J1609-17 Acquired: 2/26/2018 16:00:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6J6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079314	8.274543	10.02213	.0525758	.7999387	.0555184
Stddev	.0003753	.094481	.19111	.0005592	.0126853	.0010910
%RSD	4.731412	1.141823	1.906872	1.063563	1.585788	1.965154

#1	.0077284	8.328235	10.23321	.0531369	.8142863	.0561661
#2	.0077015	8.165451	9.97232	.0525721	.7953201	.0561303
#3	.0083645	8.329944	9.86086	.0520185	.7902098	.0542588

Elem	Sr4077
Units	ppm
Avg	.3620236
Stddev	.0047714
%RSD	1.317990

#1	.3671950
#2	.3610839
#3	.3577920

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2023.399	4413.191	50060.13	10911.63	4727.581
Stddev	15.477	10.958	81.96	182.39	19.209
%RSD	.7649213	.2483054	.1637201	1.671515	.4063267

#1	2038.140	4408.677	50153.19	10714.66	4721.949
#2	2007.278	4425.685	49998.69	10945.56	4748.977
#3	2024.780	4405.211	50028.52	11074.68	4711.818

Sample Name: J1609-18 Acquired: 2/26/2018 16:05:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6J7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1197710	-.014039	3.625409	.0071149	.0095339	193.5594
Stddev	.0020577	.002205	.023998	.0033717	.0022974	.6912
%RSD	1.718005	15.70739	.6619337	47.38928	24.09673	.3570913

#1	.1199925	-.011495	3.650527	.0040339	.0120204	194.3287
#2	.1176115	-.015387	3.602715	.0107166	.0074900	192.9908
#3	.1217090	-.015237	3.622985	.0065941	.0090913	193.3587

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.27554	.0155242	.0075596	59.28002	.2332781	.1778664
Stddev	.10091	.0000904	.0000830	.17213	.0006751	.0006970
%RSD	.4530258	.5819743	1.098325	.2903759	.2894099	.3918678

#1	22.19062	.0156207	.0075775	59.44420	.2325423	.1786336
#2	22.38710	.0154416	.0076323	59.10090	.2334229	.1772721
#3	22.24891	.0155104	.0074691	59.29496	.2338691	.1776936

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2292084	297.6613	8.333285	41.36079	.2544571	.0060608
Stddev	.0037552	.9200	.032139	.12921	.0019237	.0001105
%RSD	1.638351	.3090748	.3856748	.3123995	.7559807	1.822625

#1	.2251013	298.6372	8.370257	41.50239	.2565724	.0060241
#2	.2324663	296.8098	8.312014	41.24928	.2528124	.0061850
#3	.2300576	297.5369	8.317585	41.33069	.2539865	.0059734

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9458484	.4961684	1.957370	16.21557	5.813316	.1776031
Stddev	.0665179	.0026757	.019746	.10383	.071492	.0016261
%RSD	7.032613	.5392775	1.008790	.6403112	1.229798	.9155986

#1	1.011641	.4949454	1.978052	16.32852	5.891370	.1787896
#2	.947276	.4992371	1.938717	16.12427	5.797565	.1782703
#3	.878628	.4943227	1.955342	16.19393	5.751013	.1757495

Sample Name: J1609-18 Acquired: 2/26/2018 16:05:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6J7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093911	8.111826	16.26016	.0090934	.9171769	.1106685
Stddev	.0005734	.069320	.06735	.0013195	.0020781	.0002058
%RSD	6.105838	.8545535	.4142100	14.51095	.2265789	.1859906

#1	.0095609	8.191095	16.29826	.0099547	.9155796	.1104314
#2	.0098604	8.081818	16.18239	.0097512	.9164248	.1108014
#3	.0087519	8.062566	16.29982	.0075743	.9195264	.1107728

Elem	Sr4077
Units	ppm
Avg	.2274663
Stddev	.0003996
%RSD	.1756888

#1	.2277921
#2	.2270204
#3	.2275864

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2180.636	4808.117	54095.44	12046.36	4451.866
Stddev	14.014	12.135	228.28	39.80	18.187
%RSD	.6426510	.2523960	.4219890	.3303978	.4085176

#1	2171.319	4798.918	54117.57	12032.83	4431.627
#2	2196.752	4821.871	54311.85	12091.16	4466.837
#3	2173.836	4803.562	53856.90	12015.09	4457.134

Sample Name: J1609-19 Acquired: 2/26/2018 16:09:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6J8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1234976	-.006494	4.258461	.0106352	.0089971	139.9974
Stddev	.0033763	.001297	.021803	.0005345	.0017908	.5352
%RSD	2.733893	19.96853	.5120016	5.025849	19.90453	.3823009

#1	.1263464	-.006995	4.238683	.0106974	.0108156	140.6081
#2	.1197683	-.007466	4.254858	.0111360	.0089406	139.7739
#3	.1243782	-.005022	4.281841	.0100724	.0072353	139.6101

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.14292	.0105867	.0098738	67.07034	.2246568	.2148015
Stddev	.47171	.0001457	.0000448	.32269	.0008037	.0019854
%RSD	1.737878	1.376424	.4538508	.4811200	.3577282	.9242834

#1	27.60532	.0107501	.0098802	67.43365	.2253783	.2140485
#2	27.16104	.0105401	.0099151	66.96033	.2237907	.2133028
#3	26.66242	.0104700	.0098262	66.81704	.2248015	.2170532

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2218353	260.8017	12.53504	33.97273	.1881793	.0054043
Stddev	.0028057	.9248	.04515	.14447	.0011319	.0001183
%RSD	1.264780	.3545907	.3601742	.4252455	.6014939	2.189120

#1	.2245422	261.8650	12.58411	34.13237	.1869845	.0053301
#2	.2220233	260.3553	12.52575	33.85100	.1883180	.0053420
#3	.2189402	260.1848	12.49526	33.93482	.1892355	.0055407

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8038218	.4352787	2.641859	20.05602	7.264384	.1748061
Stddev	.1665037	.0034511	.021378	.04213	.053515	.0051129
%RSD	20.71400	.7928521	.8091917	.2100813	.7366745	2.924871

#1	.9947180	.4383750	2.624784	20.01215	7.244587	.1710661
#2	.6885628	.4315580	2.634960	20.09617	7.223589	.1727201
#3	.7281848	.4359030	2.665835	20.05973	7.324977	.1806322

Sample Name: J1609-19 Acquired: 2/26/2018 16:09:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6J8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117967	11.70313	13.17288	.0301069	.9724358	.0887850
Stddev	.0003031	.07350	.07707	.0004998	.0075537	.0003080
%RSD	2.569470	.6280009	.5850398	1.659985	.7767811	.3469144

#1	.0114868	11.64514	13.25852	.0295436	.9776320	.0891250
#2	.0118108	11.67846	13.15099	.0304973	.9759047	.0887053
#3	.0120925	11.78579	13.10912	.0302797	.9637708	.0885247

Elem	Sr4077
Units	ppm
Avg	.3338478
Stddev	.0017962
%RSD	.5380327

#1	.3358780
#2	.3324653
#3	.3332000

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2071.714	4502.093	51492.07	11495.52	4541.026
Stddev	1.576	19.644	29.10	85.95	21.743
%RSD	.0760504	.4363277	.0565117	.7476660	.4788149

#1	2071.875	4521.311	51523.23	11415.89	4562.628
#2	2073.203	4502.917	51487.38	11484.03	4541.305
#3	2070.065	4482.050	51465.60	11586.63	4519.145

Sample Name: J1609-20 Acquired: 2/26/2018 16:13:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6J9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1062084	-.009188	3.462984	.0085659	.0082272	125.0928	19.41654
Stddev	.0028483	.001054	.029404	.0007323	.0014186	.7052	.16752
%RSD	2.681816	11.47287	.8490892	8.548867	17.24244	.5637795	.8627568

#1	.1088795	-.007980	3.496900	.0079281	.0066916	124.3224	19.52384
#2	.1065347	-.009661	3.447380	.0084039	.0085012	125.2495	19.50227
#3	.1032110	-.009922	3.444671	.0093656	.0094888	125.7066	19.22351

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096800	.0168277	94.39012	.2023874	.1793105	.2564985	246.7281
Stddev	.0001286	.0002785	.50595	.0010682	.0021602	.0034528	.4945
%RSD	1.328931	1.654957	.5360197	.5278172	1.204725	1.346110	.2004237

#1	.0095554	.0171414	93.85052	.2033394	.1817335	.2526154	246.1768
#2	.0096722	.0167322	94.46599	.2012321	.1786120	.2592227	246.8751
#3	.0098123	.0166095	94.85385	.2025907	.1775859	.2576575	247.1325

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.593988	45.29226	.1849748	.0054304	.8791454	.3741978	2.319313
Stddev	.037683	.22325	.0015206	.0002930	.0325850	.0046778	.025306
%RSD	.4962160	.4929104	.8220354	5.395364	3.706443	1.250078	1.091085

#1	7.553165	45.05570	.1864807	.0057567	.8776471	.3689162	2.330927
#2	7.601360	45.49926	.1850037	.0053446	.8473353	.3758587	2.290286
#3	7.627440	45.32181	.1834400	.0051898	.9124537	.3778184	2.336728

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.22269	5.991388	.1539776	.0127575	10.88530	10.84852	.0374073
Stddev	.09009	.088214	.0006596	.0002524	.13262	.05972	.0010168
%RSD	.5918201	1.472349	.4283996	1.978173	1.218326	.5504971	2.718250

#1	15.12213	6.076463	.1535410	.0130114	11.02361	10.78909	.0362783
#2	15.29604	5.997362	.1536554	.0127544	10.87305	10.84793	.0376925
#3	15.24988	5.900339	.1547364	.0125067	10.75923	10.90853	.0382510

Sample Name: J1609-20 Acquired: 2/26/2018 16:13:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6J9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8815964	.0752278	.2881080
Stddev	.0060659	.0008867	.0016518
%RSD	.6880618	1.178694	.5733383

#1	.8750920	.0745098	.2868610
#2	.8825981	.0749546	.2874815
#3	.8870991	.0762189	.2899814

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2076.128	4439.319	51433.49	11531.59	4543.800
Stddev	16.323	37.584	236.95	37.67	38.729
%RSD	.7862354	.8466246	.4606899	.3266901	.8523478

#1	2063.963	4395.934	51188.32	11574.95	4499.247
#2	2094.679	4461.934	51661.26	11506.90	4562.725
#3	2069.742	4460.091	51450.89	11512.91	4569.428

Sample Name: J1609-21 Acquired: 2/26/2018 16:17:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0565918	-.004073	.5884641	.0057069	.0040074	59.37320	9.834823
Stddev	.0037432	.003488	.0040143	.0041114	.0021541	.16123	.109299
%RSD	6.614369	85.64997	.6821620	72.04252	53.75420	.2715486	1.111348

#1	.0523947	-.003404	.5842631	.0022539	.0018382	59.52246	9.955043
#2	.0595845	-.007847	.5888682	.0102550	.0040378	59.20221	9.807978
#3	.0577964	-.000967	.5922611	.0046119	.0061461	59.39493	9.741447

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043806	.0019698	20.66165	.1135349	.0426287	.0574714	126.1294
Stddev	.0000752	.0001486	.02203	.0003574	.0000772	.0020691	.2425
%RSD	1.716332	7.544451	.1066296	.3148392	.1811319	3.600282	.1922953

#1	.0043660	.0019299	20.65313	.1139470	.0426358	.0559698	126.3817
#2	.0043137	.0018451	20.64515	.1133095	.0425482	.0598316	126.1088
#3	.0044620	.0021342	20.68667	.1133482	.0427022	.0566128	125.8979

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.690915	10.47742	.0535180	.0027000	.3732127	.2365720	.6776998
Stddev	.008647	.08482	.0004557	.0003520	.0412821	.0024213	.0008458
%RSD	.2342710	.8095572	.8515508	13.03822	11.06128	1.023483	.1248106

#1	3.699819	10.57398	.0533459	.0022935	.3585141	.2379180	.6783732
#2	3.682551	10.44330	.0531733	.0029029	.3412915	.2380211	.6779759
#3	3.690373	10.41497	.0540347	.0029036	.4198325	.2337767	.6767505

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.695133	2.001553	.0779285	.0064969	3.360789	12.45772	.0041721
Stddev	.037055	.008273	.0017121	.0001892	.016049	.05179	.0003164
%RSD	.7892266	.4133322	2.196989	2.911827	.4775370	.4157245	7.584073

#1	4.705483	2.009027	.0792503	.0064294	3.373457	12.39828	.0045368
#2	4.725913	1.992663	.0785407	.0063508	3.342741	12.48176	.0040092
#3	4.654003	2.002969	.0759945	.0067106	3.366169	12.49312	.0039703

Sample Name: J1609-21 Acquired: 2/26/2018 16:17:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9824090	.0437278	.1419018
Stddev	.0040668	.0002267	.0003513
%RSD	.4139661	.5184081	.2475592

#1	.9777532	.0436219	.1415832
#2	.9842065	.0439881	.1422786
#3	.9852675	.0435735	.1418436

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1982.856	4260.113	48995.82	10736.99	4801.404
Stddev	4.028	18.020	132.03	28.96	18.960
%RSD	.2031315	.4229955	.2694654	.2697355	.3948948

#1	1987.333	4280.097	48882.68	10705.35	4819.840
#2	1981.709	4255.140	49140.88	10762.19	4802.414
#3	1979.526	4245.101	48963.89	10743.42	4781.959

Sample Name: J1615-02LX5 Acquired: 2/26/2018 16:21:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0244781	.0008284	.2330222	.0026340	.0003567	28.41749	1.203781
Stddev	.0009045	.0020014	.0023678	.0025288	.0003736	.24613	.008591
%RSD	3.695187	241.6078	1.016122	96.00320	104.7464	.8661290	.7136606

#1	.0255148	.0030682	.2356365	.0015275	.0005845	28.15239	1.195771
#2	.0240693	.0002013	.2310219	.0008471	-.000074	28.46132	1.202720
#3	.0238501	-.000784	.2324081	.0055275	.000560	28.63876	1.212854

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027114	.0014464	31.83943	.0594095	.0285793	.0972936	50.79492
Stddev	.0000396	.0000542	.22670	.0004432	.0002729	.0016244	.26996
%RSD	1.459640	3.744622	.7120144	.7460132	.9550329	1.669550	.5314775

#1	.0027208	.0014885	31.64445	.0599106	.0288605	.0981550	50.48319
#2	.0026680	.0013853	31.78565	.0590688	.0283154	.0983058	50.95205
#3	.0027455	.0014654	32.08818	.0592490	.0285621	.0954199	50.94951

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.163286	18.22242	.0712331	.0020456	.2521641	.0801966	.5317920
Stddev	.019831	.14894	.0003455	.0002611	.0638889	.0017985	.0076407
%RSD	.9166853	.8173458	.4850070	12.76172	25.33625	2.242656	1.436787

#1	2.145977	18.13028	.0716221	.0017609	.3256847	.0781199	.5229998
#2	2.158958	18.14273	.0711151	.0022738	.2206805	.0812509	.5368237
#3	2.184923	18.39425	.0709621	.0021022	.2101272	.0812189	.5355524

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.985542	1.161623	.0282152	.0037749	.8345851	1.453759	.0007542
Stddev	.003963	.013116	.0006308	.0003368	.0090618	.011837	.0005074
%RSD	.1327464	1.129096	2.235492	8.921039	1.085788	.8142291	67.27489

#1	2.983050	1.175692	.0289256	.0033864	.8439022	1.440844	.0005076
#2	2.990112	1.159446	.0277208	.0039548	.8340508	1.464092	.0013377
#3	2.983464	1.149732	.0279991	.0039835	.8258022	1.456341	.0004172

Sample Name: J1615-02LX5 Acquired: 2/26/2018 16:21:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6R5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1610500	.0194645	.0399530
Stddev	.0015711	.0009354	.0001072
%RSD	.9755585	4.805751	.2681975

#1	.1621166	.0184049	.0399445
#2	.1592457	.0198130	.0400641
#3	.1617875	.0201756	.0398503

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2020.767	4400.697	49371.73	10596.26	4901.391
Stddev	18.988	21.359	251.28	36.68	25.129
%RSD	.9396229	.4853480	.5089605	.3461440	.5126873

#1	2034.998	4382.685	49661.10	10621.01	4876.662
#2	1999.207	4395.113	49245.49	10554.12	4900.608
#3	2028.095	4424.293	49208.59	10613.66	4926.902

Sample Name: J1615-05DLX10 Acquired: 2/26/2018 16:25:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165103	-.001460	1.464641	.0003888	.0014518	20.92155	4.392327
Stddev	.0033266	.001429	.005922	.0007591	.0008427	.13080	.014198
%RSD	20.14872	97.90685	.4043630	195.2398	58.04711	.6251710	.3232512

#1	.0127398	-.003055	1.469823	.0001163	.0021610	21.03953	4.408682
#2	.0190310	-.001031	1.458185	.0012466	.0005202	20.94422	4.385140
#3	.0177600	-.000294	1.465915	-.000196	.0016742	20.78090	4.383160

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018431	.0000880	11.12380	.0255926	.0181384	.0382863	38.46821
Stddev	.0000693	.0000472	.04144	.0002604	.0000829	.0011691	.23601
%RSD	3.762181	53.69818	.3725723	1.017336	.4571148	3.053681	.6135150

#1	.0019231	.0000643	11.16420	.0253868	.0182224	.0392989	38.71743
#2	.0018032	.0000573	11.12580	.0258853	.0180566	.0385533	38.43906
#3	.0018028	.0001424	11.08139	.0255056	.0181362	.0370068	38.24812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.362338	7.611721	.0274979	.0009418	.0738702	.0652418	.2451058
Stddev	.001003	.033456	.0004295	.0001386	.1801470	.0005675	.0027089
%RSD	.0736247	.4395285	1.562096	14.71363	243.8695	.8698623	1.105193

#1	1.362341	7.628574	.0278306	.0011009	.2393681	.0652415	.2472651
#2	1.361334	7.633399	.0270130	.0008473	.1002579	.0658095	.2459860
#3	1.363340	7.573191	.0276501	.0008773	-.118015	.0646745	.2420662

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.961313	.4541744	.0192428	.0013311	.8421551	1.355764	.0011706
Stddev	.035367	.0028386	.0000402	.0002630	.0064659	.009803	.0007126
%RSD	1.803207	.6249950	.2090976	19.75852	.7677756	.7230755	60.87526

#1	1.954236	.4572718	.0192369	.0013545	.8398369	1.365450	.0019855
#2	1.930020	.4516973	.0192856	.0010572	.8371680	1.355993	.0006642
#3	1.999682	.4535539	.0192058	.0015817	.8494605	1.345848	.0008621

Sample Name: J1615-05DLX10 Acquired: 2/26/2018 16:25:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6R6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1930626	.0141545	.0384835
Stddev	.0011336	.0003698	.0000420
%RSD	.5871702	2.612905	.1091334

#1	.1918372	.0143049	.0385172
#2	.1932766	.0144254	.0384364
#3	.1940739	.0137331	.0384968

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.126	4382.426	48538.35	10323.17	5072.602
Stddev	10.197	14.638	186.23	13.55	15.083
%RSD	.5108478	.3340240	.3836682	.1313013	.2973443

#1	1998.831	4365.546	48526.72	10307.67	5055.302
#2	1984.849	4391.634	48358.21	10329.05	5082.994
#3	2004.698	4390.097	48730.12	10332.79	5079.510

Sample Name: J1615-06DLX10 Acquired: 2/26/2018 16:29:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181873	-.000155	1.146075	.0029930	.0020978	3.066497	5.451439
Stddev	.0021997	.002297	.001837	.0009583	.0008469	.078084	.097571
%RSD	12.09471	1478.170	.1602687	32.02015	40.37078	2.546373	1.789817

#1	.0206609	.002084	1.146041	.0032763	.0027188	3.156388	5.563674
#2	.0164511	-.002505	1.147929	.0037777	.0011331	3.027623	5.386803
#3	.0174498	-.000045	1.144255	.0019249	.0024415	3.015479	5.403840

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014277	.0004458	11.55993	.0472993	.0104608	.0397176	57.92514
Stddev	.0001153	.0000236	.20556	.0003877	.0004104	.0013990	.93334
%RSD	8.075661	5.296195	1.778185	.8195795	3.923252	3.522270	1.611292

#1	.0015608	.0004414	11.79623	.0476338	.0102106	.0408328	59.00167
#2	.0013585	.0004712	11.42241	.0468745	.0109345	.0381479	57.34280
#3	.0013638	.0004246	11.46116	.0473896	.0102374	.0401720	57.43094

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8981290	6.752754	.0181930	.0014419	.1660681	.0575984	1.225734
Stddev	.0176641	.101897	.0001820	.0002466	.0844292	.0020042	.014361
%RSD	1.966768	1.508968	1.000412	17.10091	50.84011	3.479660	1.171654

#1	.9183137	6.867423	.0182282	.0016834	.1531234	.0598920	1.225631
#2	.8854960	6.672589	.0183549	.0014518	.2562221	.0567192	1.240146
#3	.8905774	6.718249	.0179960	.0011906	.0888588	.0561841	1.211424

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0245897	.1639010	.0276024	.0020008	1.172076	.9274218	.0013583
Stddev	.0349333	.0019801	.0015868	.0001065	.008890	.0190495	.0010899
%RSD	142.0646	1.208105	5.748902	5.322409	.7584973	2.054030	80.24190

#1	.0602104	.1619056	.0276930	.0018968	1.161825	.9481924	.0007080
#2	.0231716	.1639319	.0291420	.0021096	1.177674	.9107660	.0026166
#3	-.009613	.1658654	.0259722	.0019960	1.176730	.9233069	.0007503

Sample Name: J1615-06DLX10 Acquired: 2/26/2018 16:29:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6R7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0566297	.0031691	.0625543
Stddev	.0011768	.0018080	.0010467
%RSD	2.078062	57.05132	1.673340

#1	.0579559	.0052195	.0637597
#2	.0562228	.0024840	.0618744
#3	.0557103	.0018037	.0620289

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1981.352	4328.914	48168.92	10171.06	5110.504
Stddev	14.404	10.614	242.78	218.60	9.497
%RSD	.7269730	.2451837	.5040266	2.149223	.1858305

#1	1972.516	4332.456	47890.82	9944.23	5106.390
#2	1973.566	4316.982	48277.32	10380.37	5103.758
#3	1997.973	4337.304	48338.62	10188.60	5121.364

Sample Name: J1609-02DLX10 Acquired: 2/26/2018 16:33:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135322	-.000271	.5306150	.0016665	.0007792	11.50311	2.507109
Stddev	.0014577	.000400	.0034449	.0015028	.0007727	.09336	.014136
%RSD	10.77221	147.3964	.6492174	90.18101	99.16715	.8116024	.5638479

#1	.0135184	-.000419	.5331083	.0030076	.0003544	11.60481	2.521680
#2	.0120814	.000181	.5266842	.0019497	.0003121	11.42131	2.493452
#3	.0149968	-.000576	.5320525	.0000422	.0016710	11.48319	2.506195

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013793	.0006770	6.013224	.0179464	.0184417	.0288948	26.19652
Stddev	.0000800	.0000730	.057805	.0006608	.0002711	.0004286	.06226
%RSD	5.800965	10.78361	.9613006	3.682291	1.469771	1.483369	.2376668

#1	.0013630	.0007564	6.075000	.0171923	.0186753	.0293880	26.26756
#2	.0013087	.0006127	5.960445	.0184245	.0181445	.0286830	26.17059
#3	.0014662	.0006619	6.004228	.0182224	.0185053	.0286132	26.15142

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.438247	2.872655	.0164931	.0006960	.1353026	.0448470	.4615091
Stddev	.007542	.016325	.0002013	.0002495	.0861549	.0022857	.0071415
%RSD	.5244154	.5682827	1.220375	35.84295	63.67569	5.096671	1.547417

#1	1.445684	2.884330	.0163519	.0009616	.2347486	.0459230	.4689210
#2	1.430604	2.879634	.0164038	.0004665	.0879320	.0463961	.4546729
#3	1.438453	2.854000	.0167236	.0006600	.0832272	.0422218	.4609334

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9773479	.5616564	.0126157	.0011582	.8987505	.7505913	.0018230
Stddev	.0709898	.0029024	.0003124	.0002227	.0070320	.0070938	.0007497
%RSD	7.263516	.5167644	2.476239	19.23047	.7824182	.9450902	41.12494

#1	1.049247	.5647482	.0124380	.0009023	.9067686	.7581917	.0017042
#2	.975494	.5612308	.0124328	.0013084	.8958515	.7494365	.0011398
#3	.907303	.5589903	.0129764	.0012638	.8936315	.7441459	.0026250

Sample Name: J1609-02DLX10 Acquired: 2/26/2018 16:33:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6H3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0741353	.0067703	.0188797
Stddev	.0003176	.0006040	.0001002
%RSD	.4283730	8.921126	.5305519

#1	.0742098	.0061862	.0189448
#2	.0744090	.0073924	.0187643
#3	.0737871	.0067325	.0189298

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2003.969	4375.435	49025.93	10502.14	5138.536
Stddev	24.482	9.991	288.27	29.24	14.274
%RSD	1.221669	.2283491	.5879910	.2784591	.2777919

#1	1975.700	4368.720	48694.29	10498.58	5125.197
#2	2018.183	4386.917	49167.08	10474.84	5153.591
#3	2018.024	4370.668	49216.42	10533.00	5136.821

Sample Name: J1609-04DLX10 Acquired: 2/26/2018 16:37:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6H5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138775	-.000820	.7748286	.0022384	.0006399	10.38982	2.816813
Stddev	.0016029	.001916	.0021654	.0027087	.0007469	.08269	.013107
%RSD	11.55004	233.7513	.2794671	121.0066	116.7209	.7958347	.4653190

#1	.0147843	-.001441	.7756509	.0041033	.0002318	10.48117	2.831642
#2	.0120268	.001330	.7723725	.0034806	.0001860	10.32009	2.806777
#3	.0148214	-.002348	.7764623	-.000869	.0015020	10.36821	2.812021

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019037	.0020231	131.9783	.0221574	.0210643	.0768830	31.94670
Stddev	.0000580	.0000871	.9336	.0006542	.0001117	.0016014	.26175
%RSD	3.046373	4.306622	.7073680	2.952541	.5300484	2.082861	.8193218

#1	.0019048	.0020413	133.0087	.0221361	.0211782	.0784102	32.24252
#2	.0019611	.0019283	131.1888	.0215142	.0210598	.0770221	31.85245
#3	.0018451	.0020997	131.7373	.0228221	.0209551	.0752165	31.74514

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9301771	70.84363	.0174313	.0010704	.4684335	.0491754	.6135409
Stddev	.0084492	.46370	.0004658	.0002429	.0777566	.0028297	.0039121
%RSD	.9083434	.6545354	2.671907	22.69610	16.59928	5.754346	.6376257

#1	.9390447	71.30913	.0172627	.0013258	.5567342	.0480708	.6112661
#2	.9222200	70.38176	.0170734	.0008422	.4383660	.0470646	.6112984
#3	.9292666	70.84000	.0179579	.0010432	.4102003	.0523909	.6180581

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7911620	.3013923	.0186761	.0025482	1.131608	2.366472	.0307412
Stddev	.0194674	.0031451	.0010065	.0001789	.006523	.011630	.0009396
%RSD	2.460612	1.043532	5.388945	7.021149	.5764190	.4914288	3.056344

#1	.7944389	.3031584	.0194534	.0023435	1.139080	2.372621	.0318104
#2	.7702640	.2977611	.0190356	.0026265	1.127051	2.373736	.0303658
#3	.8087829	.3032574	.0175393	.0026746	1.128692	2.353059	.0300474

Sample Name: J1609-04DLX10 Acquired: 2/26/2018 16:37:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6H5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0607801	.0092331	.0893843
Stddev	.0007558	.0006780	.0003434
%RSD	1.243559	7.343090	.3841792

#1	.0599510	.0085910	.0897800
#2	.0609588	.0091661	.0891651
#3	.0614306	.0099421	.0892076

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1801.453	3945.086	44339.53	9872.523	4400.569
Stddev	5.261	13.135	91.99	47.461	17.729
%RSD	.2920441	.3329562	.2074676	.4807374	.4028883

#1	1800.176	3935.966	44434.71	9822.388	4388.184
#2	1796.948	3960.141	44251.10	9916.758	4420.878
#3	1807.235	3939.150	44332.78	9878.423	4392.644

Sample Name: CCV019 Acquired: 2/26/2018 16:41:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.133771	5.162574	24.94744	5.338712	5.260583	378.4894	9.855179
Stddev	.020356	.024321	.11169	.026825	.027473	1.5622	.029717
%RSD	.3965133	.4710938	.4476964	.5024531	.5222402	.4127505	.3015366

#1	5.149386	5.190467	24.99544	5.368138	5.278737	380.0703	9.883990
#2	5.141178	5.151452	25.02711	5.332375	5.274036	378.4511	9.856915
#3	5.110748	5.145803	24.81978	5.315623	5.228976	376.9466	9.824632

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4744957	2.527858	378.0569	15.32792	2.526898	13.95410	381.3497
Stddev	.0029970	.012869	1.5332	.01331	.009828	.05455	1.6889
%RSD	.6316162	.5090761	.4055449	.0868451	.3889222	.3909462	.4428823

#1	.4779553	2.535242	379.5048	15.32290	2.529726	14.00511	383.2076
#2	.4728415	2.535332	378.2154	15.34301	2.535001	13.96060	380.9342
#3	.4726905	2.512998	376.4507	15.31784	2.515966	13.89659	379.9073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.65452	380.6861	2.553612	1.234682	377.8594	2.307281	14.96725
Stddev	.05850	1.8816	.011906	.001918	1.3906	.011604	.12188
%RSD	.4284583	.4942624	.4662351	.1553332	.3680263	.5029211	.8143248

#1	13.71889	382.6148	2.559315	1.236310	379.1746	2.320508	15.00015
#2	13.64008	380.5880	2.561593	1.232568	377.9996	2.302523	14.83229
#3	13.60459	378.8554	2.539927	1.235170	376.4040	2.298812	15.06930

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	141.2854	4.943849	4.723759	5.220588	5.374239	4.506908	5.094995
Stddev	.6820	.021620	.038562	.030339	.038261	.042562	.023067
%RSD	.4826858	.4373131	.8163395	.5811450	.7119270	.9443757	.4527392

#1	141.4112	4.963516	4.767385	5.248072	5.402631	4.555903	5.113093
#2	141.8957	4.920698	4.709661	5.225661	5.330729	4.479080	5.102871
#3	140.5493	4.947333	4.694229	5.188033	5.389356	4.485740	5.069022

Sample Name: CCV019 Acquired: 2/26/2018 16:41:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV019 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.801568	5.040512	5.082342
Stddev	.015532	.013466	.079671
%RSD	.3234756	.2671582	1.567601

#1	4.788568	5.031202	5.165906
#2	4.818767	5.055953	5.073880
#3	4.797368	5.034381	5.007240

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1500.435	3299.330	39274.00	9255.073	3544.425
Stddev	9.702	20.815	189.11	49.435	16.701
%RSD	.6466001	.6308732	.4815145	.5341347	.4711902

#1	1501.223	3283.968	39492.28	9215.657	3533.344
#2	1509.719	3291.003	39170.29	9239.024	3536.297
#3	1490.364	3323.019	39159.44	9310.538	3563.634

Sample Name: CCB019 Acquired: 2/26/2018 16:45:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000734	-.000341	-.000463	.0015056	-.001003	.0012131	-.000884
Stddev	.0007544	.001722	.000693	.0005337	.000718	.0043976	.000371
%RSD	1027.718	505.7403	149.6576	35.44555	71.55445	362.5032	42.00936

#1	-.000779	-.001775	.000295	.0015254	-.000435	-.003817	-.000911
#2	.000344	-.000816	-.001063	.0009623	-.000765	.004333	-.001241
#3	.000655	.001569	-.000621	.0020291	-.001810	.003123	-.000500

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000672	-.000011	.0030478	.0000882	.0001184	.0034516	.0023567
Stddev	.0000608	.000041	.0056428	.0002395	.0001346	.0009862	.0057824
%RSD	90.50876	369.0780	185.1436	271.5989	113.6186	28.57340	245.3603

#1	.0001175	-.000010	-.001557	.0003642	-.000024	.0042508	.0022206
#2	-.000000	.000029	.009343	-.000065	.000135	.0023494	.0082059
#3	.000085	-.000052	.001358	-.000035	.000244	.0037547	-.003356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000188	.0249036	.0001107	.0001662	.0146909	-.002854	.0018383
Stddev	.000147	.0110137	.0000529	.0002832	.1547875	.002241	.0018132
%RSD	78.54555	44.22534	47.76209	170.3991	1053.628	78.52473	98.63496

#1	-.000112	.0295588	.0001536	.0002820	.0374876	-.005184	.0019556
#2	-.000357	.0328253	.0001270	.0003732	.1568158	-.000713	.0035899
#3	-.000093	.0123267	.0000516	-.000157	-.150231	-.002666	-.000031

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.074133	-.003838	.0023302	.0003349	.0182052	-.003370	-.000216
Stddev	.056597	.001317	.0004077	.0000884	.0018411	.001024	.000448
%RSD	76.34420	34.30530	17.49678	26.39761	10.11279	30.38931	207.4113

#1	-.040423	-.003358	.0020300	.0003490	.0167391	-.002935	-.000312
#2	-.042503	-.002829	.0027944	.0004153	.0176051	-.002636	-.000608
#3	-.139474	-.005328	.0021662	.0002402	.0202714	-.004540	.000272

Sample Name: CCB019 Acquired: 2/26/2018 16:45:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v434) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB019 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007633	.0008348	.0000099
Stddev	.0009850	.0006221	.0000715
%RSD	129.0328	74.51991	718.9907

#1	-.000263	.0012473	.0000833
#2	.001701	.0011377	.0000062
#3	.000853	.0001193	-.000060

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1997.762	4318.581	48587.92	10184.11	5272.616
Stddev	19.566	16.938	227.68	11.47	11.732
%RSD	.9793722	.3922032	.4685923	.1126026	.2225100

#1	2000.129	4328.647	48727.39	10183.15	5280.610
#2	1977.121	4328.070	48325.18	10173.15	5278.090
#3	2016.036	4299.026	48711.18	10196.03	5259.147