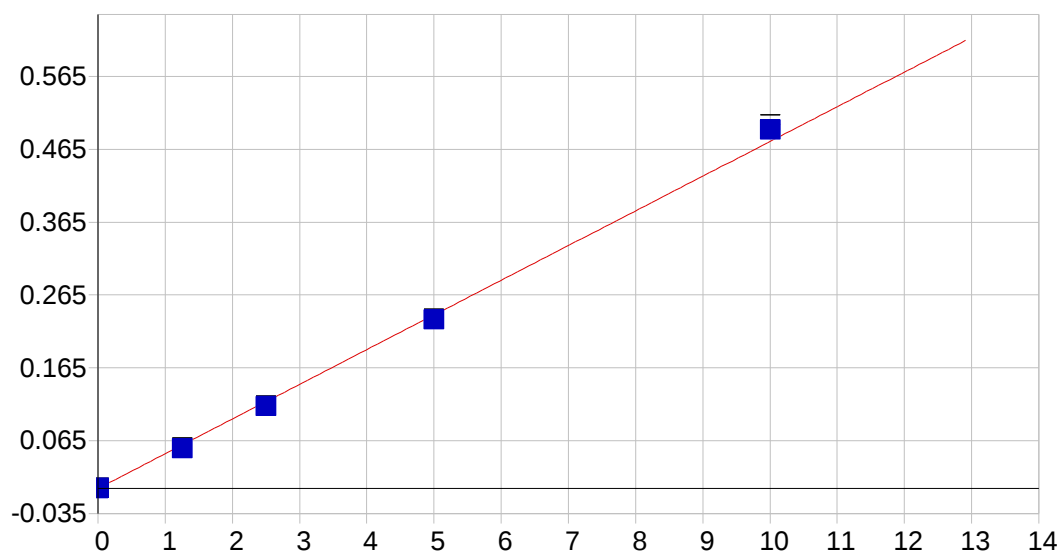




As 189.042 {479}

Date of Fit: 8/5/2017 19:32:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000350

Re-Slope: 1.000000

A1 (Gain): 0.047609

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999224

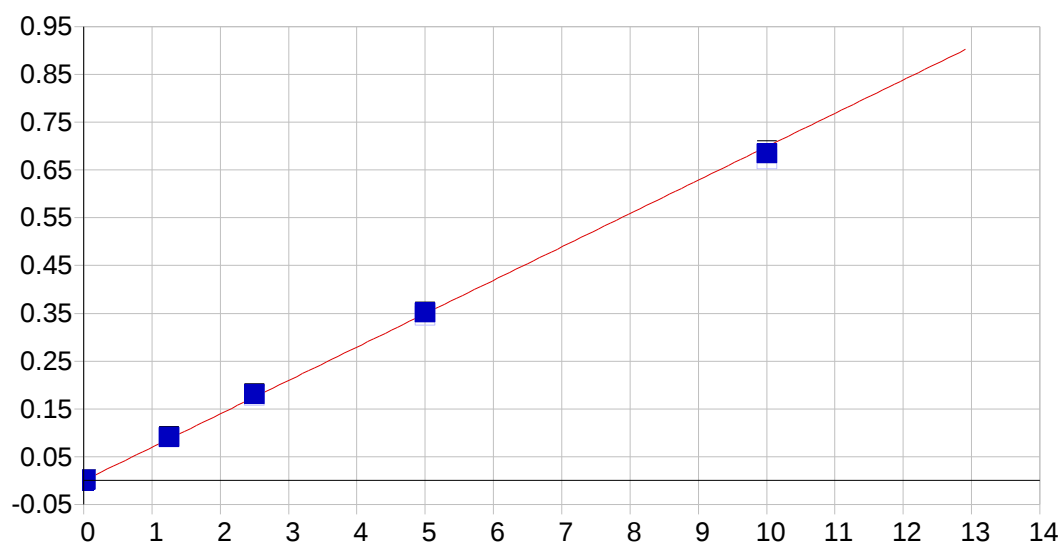
Status: OK.

Std Error of Est: 0.000031

Predicted MDL: 0.003317

Predicted MQL: 0.011058

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00035	.000	1
S1	.01000	.01252	.003	25.2	.00025	.000	1
S2	1.2500	1.1593	-.091	-7.26	.05482	.000	1
S3	2.5000	2.3680	-.132	-5.28	.11235	.001	1
S4	5.0000	4.8758	-.124	-2.48	.23171	.000	1
S5	10.000	10.344	.344	3.44	.49200	.006	1



TI 190.856 {477}

Date of Fit: 8/5/2017 19:32:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000151

Re-Slope: 1.000000

A1 (Gain): 0.069891

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999671

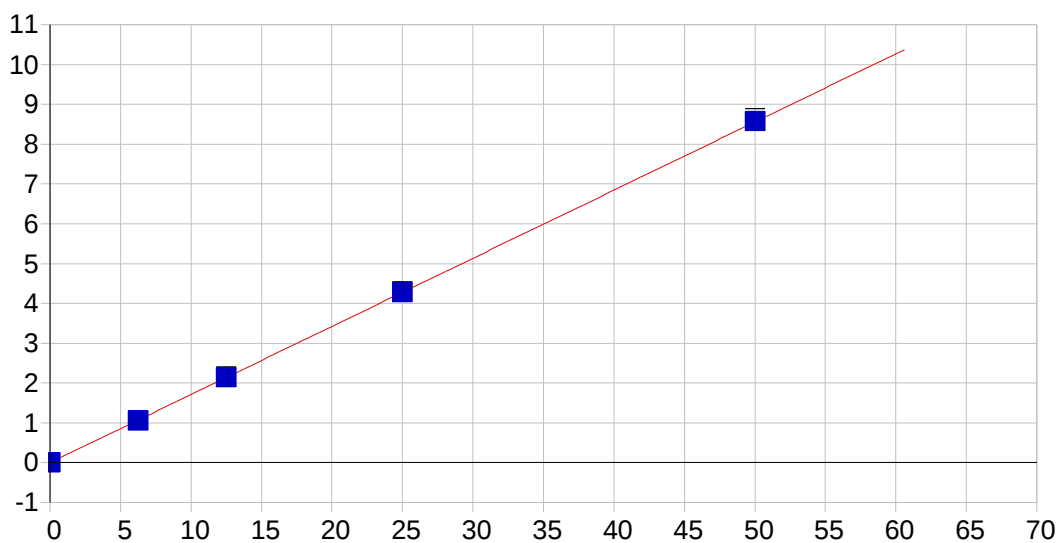
Status: OK.

Std Error of Est: 0.000047

Predicted MDL: 0.001643

Predicted MQL: 0.005477

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00015	.000	1
S1	.02500	.03141	.006	25.6	.00190	.000	1
S2	1.2500	1.3147	.065	5.18	.09015	.000	1
S3	2.5000	2.5863	.086	3.45	.17743	.001	1
S4	5.0000	5.0350	.035	.699	.34540	.001	1
S5	10.000	9.8080	-.192	-1.92	.67264	.006	1

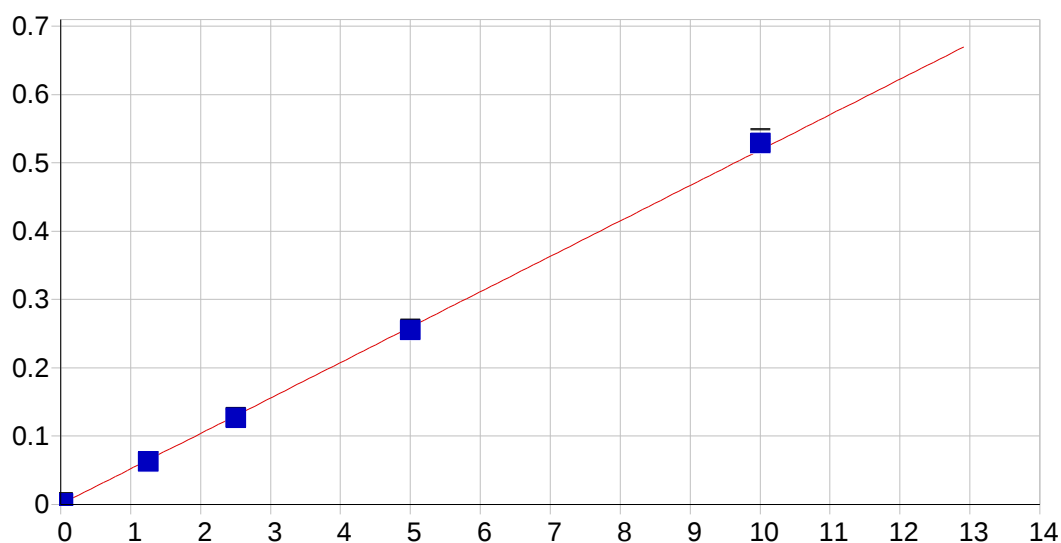


Pb 220.353 {453}

Date of Fit: 8/5/2017 19:32:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000068 Re-Slope: 1.000000
 A1 (Gain): 0.171120 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.001389
 Predicted MQL: 0.004629

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01000	.01182	.002	18.2	.00195	.000	1
S2	6.2500	6.1337	-.116	-1.86	1.0499	.002	1
S3	12.500	12.480	-.020	-.163	2.1361	.020	1
S4	25.000	25.008	.008	.033	4.2806	.013	1
S5	50.000	50.127	.127	.253	8.5801	.063	1



Date of Fit: 8/5/2017 19:32:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000312

Re-Slope: 1.000000

A1 (Gain): 0.051860

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999717

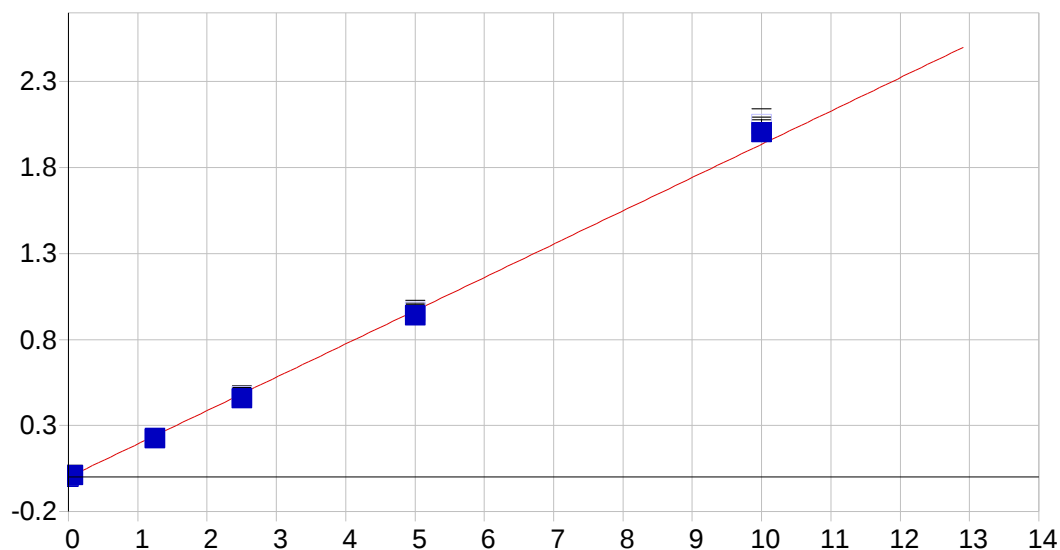
Status: OK.

Std Error of Est: 0.000039

Predicted MDL: 0.003312

Predicted MQL: 0.011042

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00031	.000	1
S1	.03500	.02929	-.006	-16.3	.00183	.000	1
S2	1.2500	1.1968	-.053	-4.26	.06213	.000	1
S3	2.5000	2.4364	-.064	-2.54	.12618	.001	1
S4	5.0000	4.9153	-.085	-1.69	.25426	.002	1
S5	10.000	10.207	.207	2.07	.52774	.006	1

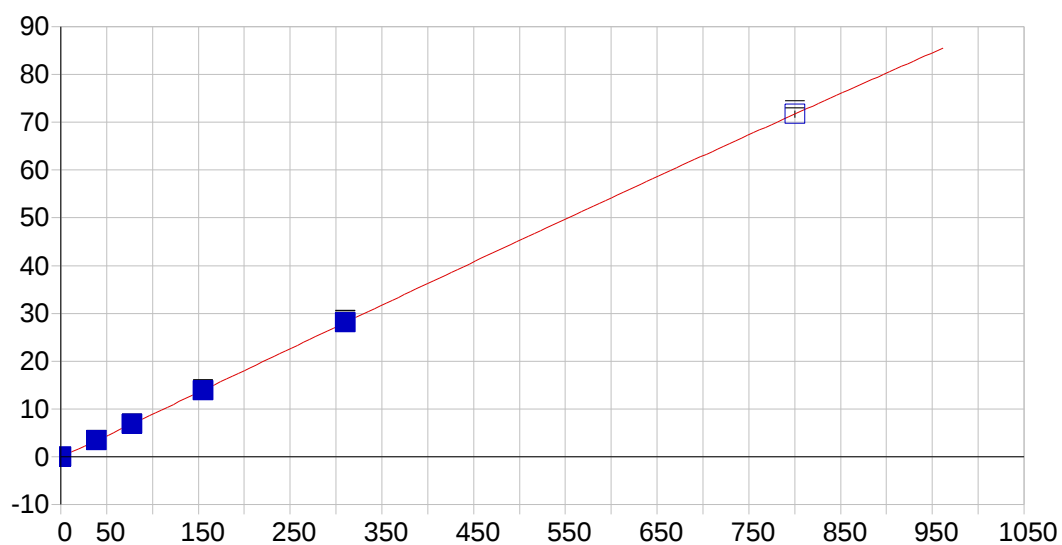


Sb 206.833 {463}

Date of Fit: 8/5/2017 19:32:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000266 Re-Slope: 1.000000
 A1 (Gain): 0.193585 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999224 Status: OK.
 Std Error of Est: 0.000321
 Predicted MDL: 0.001250
 Predicted MQL: 0.004165

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00027	.000	1
S1	.06000	.06182	.002	3.04	.01170	.000	1
S2	1.2500	1.1638	-.086	-6.89	.23085	.001	1
S3	2.5000	2.3671	-.133	-5.32	.46959	.005	1
S4	5.0000	4.8533	-.147	-2.93	.96251	.007	1
S5	10.000	10.364	.364	3.64	2.0526	.032	1



AI 396.152 { 85}

Date of Fit: 8/5/2017 19:32:06

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): 0.000153

Re-Slope: 1.000000

A1 (Gain): 0.077978

Y-int: 0.000000

A2 (Curvature): -0.000005

n (Exponent): 1.030000

Correlation: 0.999996

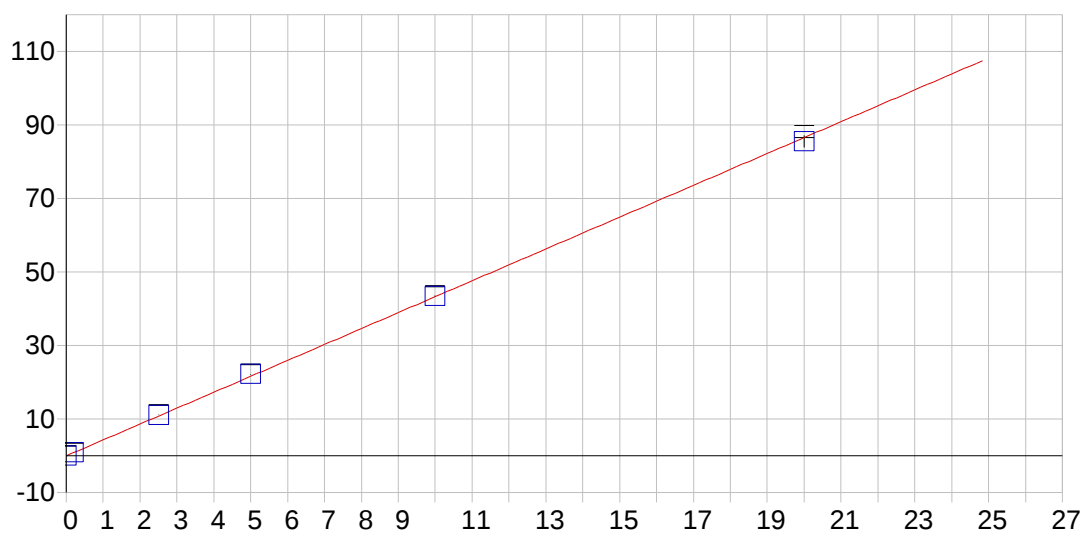
Status: OK.

Std Error of Est: 0.000211

Predicted MDL: 0.005313

Predicted MQL: 0.017711

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.20000	.25287	.053	26.4	.01910	.001	1
S2	38.750	38.913	.163	.421	3.3815	.034	1
S3	77.500	77.254	-.246	-.318	6.8340	.024	1
S4	155.00	155.12	.119	.077	13.932	.069	1
S5	310.00	309.90	-.098	-.032	28.091	.451	1
S6	800.00	800.03	.031	.004	71.710	.747	1



Ba 493.409 { 68}

Date of Fit: 8/5/2017 19:32:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.033686

Re-Slope: 1.000000

A1 (Gain): 4.329462

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999889

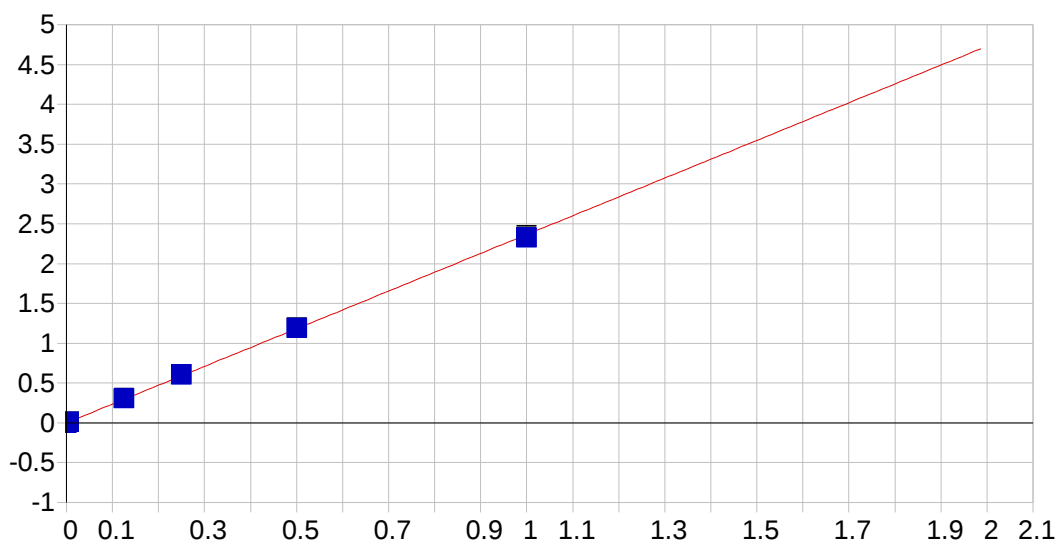
Status: OK.

Std Error of Est: 0.006869

Predicted MDL: 0.000276

Predicted MQL: 0.000921

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.03373	.001	1
S1	.20000	.20037	.000	.187	.83382	.023	1
S2	2.5000	2.5716	.072	2.87	11.100	.092	1
S3	5.0000	5.1278	.128	2.56	22.167	.083	1
S4	10.000	10.041	.041	.415	43.440	.166	1
S5	20.000	19.759	-.241	-1.21	85.511	1.61	1



Be 234.861 {144}

Date of Fit: 8/5/2017 19:32:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000604

Re-Slope: 1.000000

A1 (Gain): 2.364947

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999761

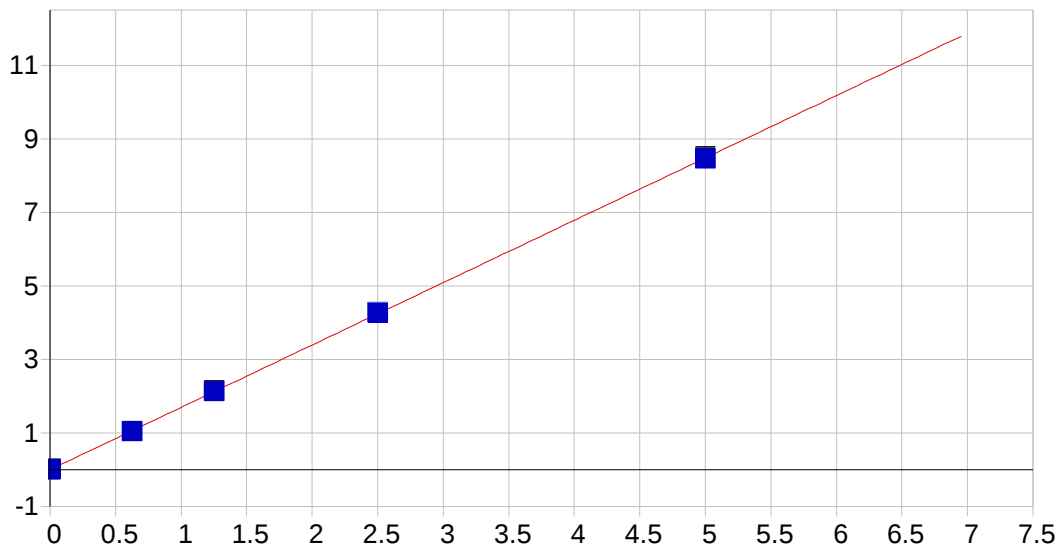
Status: OK.

Std Error of Est: 0.000194

Predicted MDL: 0.000082

Predicted MQL: 0.000274

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00061	.000	1
S1	.00500	.00632	.001	26.5	.01434	.000	1
S2	.12500	.12976	.005	3.81	.30528	.002	1
S3	.25000	.25491	.005	1.96	.60026	.000	1
S4	.50000	.50420	.004	.840	1.1878	.003	1
S5	1.0000	.98480	-.015	-1.52	2.3205	.029	1



Cd 214.438 {457}

Date of Fit: 8/5/2017 19:32:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000374

Re-Slope: 1.000000

A1 (Gain): 1.695704

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999974

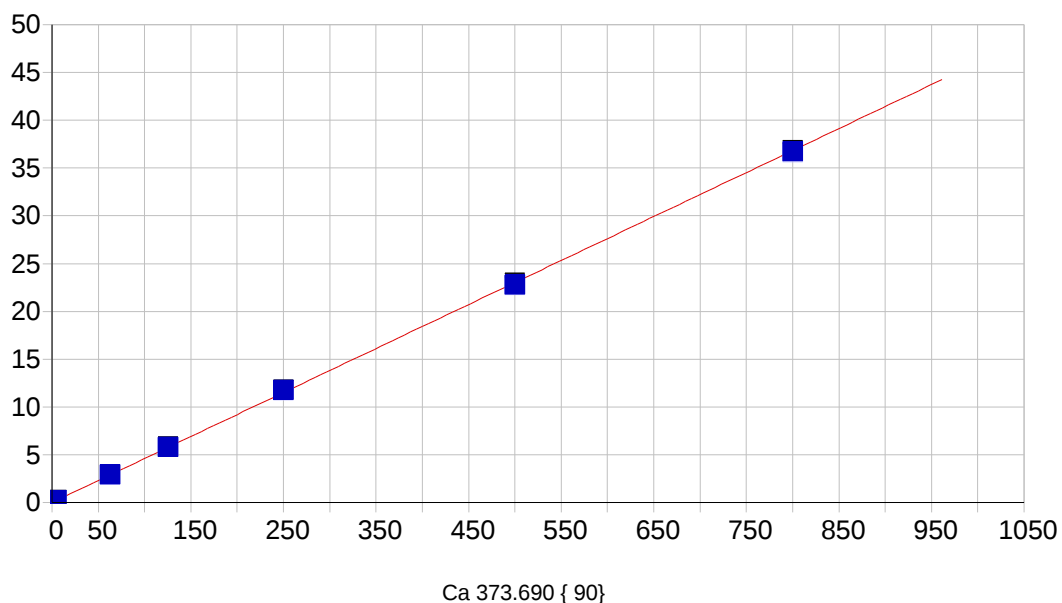
Status: OK.

Std Error of Est: 0.000102

Predicted MDL: 0.000099

Predicted MQL: 0.000332

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00037	.000	1
S1	.00500	.00544	.000	8.84	.00886	.000	1
S2	.62500	.61308	-.012	-1.91	1.0417	.002	1
S3	1.2500	1.2555	.006	.444	2.1336	.019	1
S4	2.5000	2.5198	.020	.792	4.2824	.001	1
S5	5.0000	4.9861	-.014	-.277	8.4745	.035	1



Date of Fit: 8/5/2017 19:32:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000849

Re-Slope: 1.000000

A1 (Gain): 0.046034

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999943

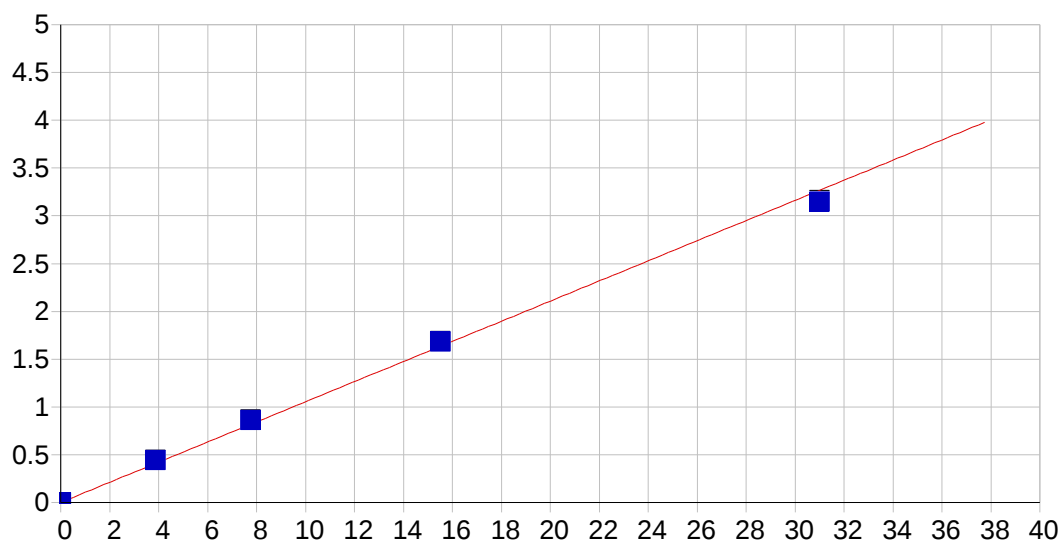
Status: OK.

Std Error of Est: 0.001715

Predicted MDL: 0.007940

Predicted MQL: 0.026467

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00043	.000	.000	.00083	.000	1
S1	5.0000	5.2945	.295	5.89	.24457	.007	1
S2	62.500	62.993	.493	.789	2.8971	.031	1
S3	125.00	126.50	1.50	1.20	5.8169	.039	1
S4	250.00	255.04	5.04	2.02	11.727	.022	1
S5	500.00	494.93	-5.07	-1.01	22.756	.193	1
S6	800.00	797.74	-2.26	-.283	36.649	.146	1

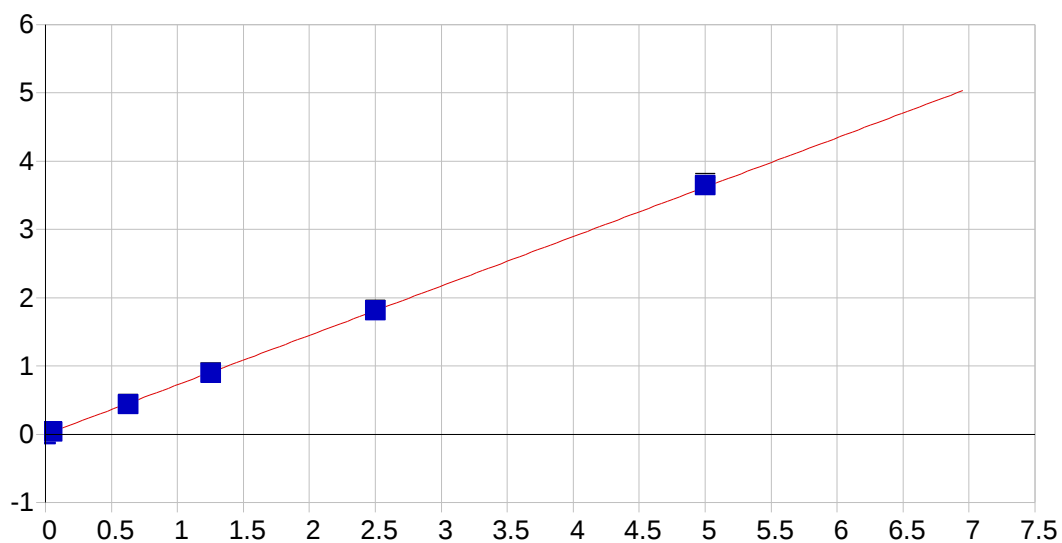


Cr 267.716 {126}

Date of Fit: 8/5/2017 19:32:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000143 Re-Slope: 1.000000
 A1 (Gain): 0.105360 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999129 Status: OK.
 Std Error of Est: 0.000130
 Predicted MDL: 0.000500
 Predicted MQL: 0.001667

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.01000	.01255	.003	25.5	.00148	.000	1
S2	3.8750	4.1800	.305	7.87	.44160	.001	1
S3	7.7500	8.1520	.402	5.19	.86115	.005	1
S4	15.500	15.950	.450	2.90	1.6849	.002	1
S5	31.000	29.841	-1.16	-3.74	3.1526	.012	1



Co 228.616 {448}

Date of Fit: 8/5/2017 19:32:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000116

Re-Slope: 1.000000

A1 (Gain): 0.723948

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999936

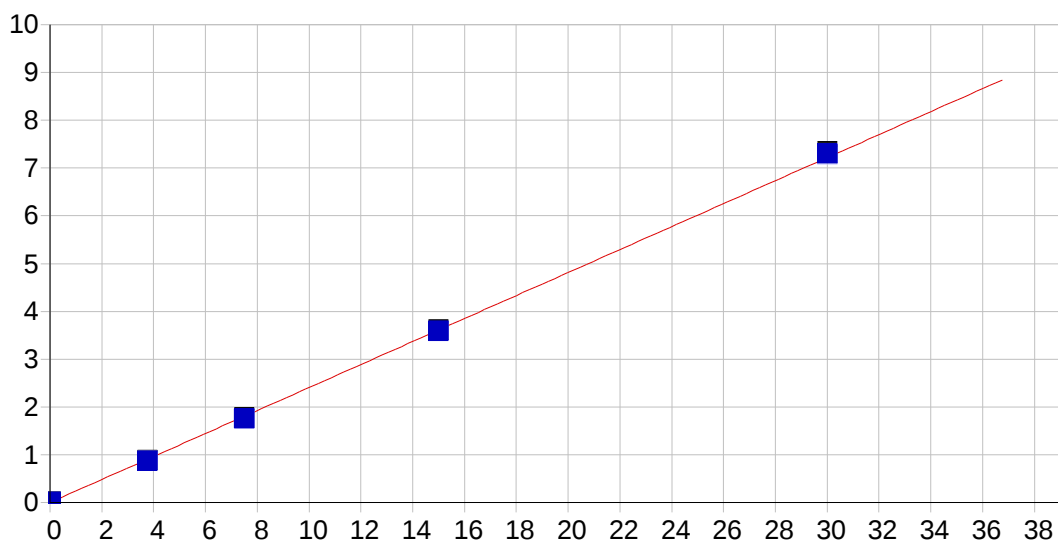
Status: OK.

Std Error of Est: 0.000218

Predicted MDL: 0.000231

Predicted MQL: 0.000772

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.05000	.04768	-.002	-4.65	.03453	.000	1
S2	.62500	.60350	-.022	-3.44	.43773	.001	1
S3	1.2500	1.2372	-.013	-1.03	.89743	.008	1
S4	2.5000	2.5033	.003	.131	1.8159	.002	1
S5	5.0000	5.0334	.033	.668	3.6513	.029	1



Cu 324.754 {104}

Date of Fit: 8/5/2017 19:32:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000658

Re-Slope: 1.000000

A1 (Gain): 0.240582

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999888

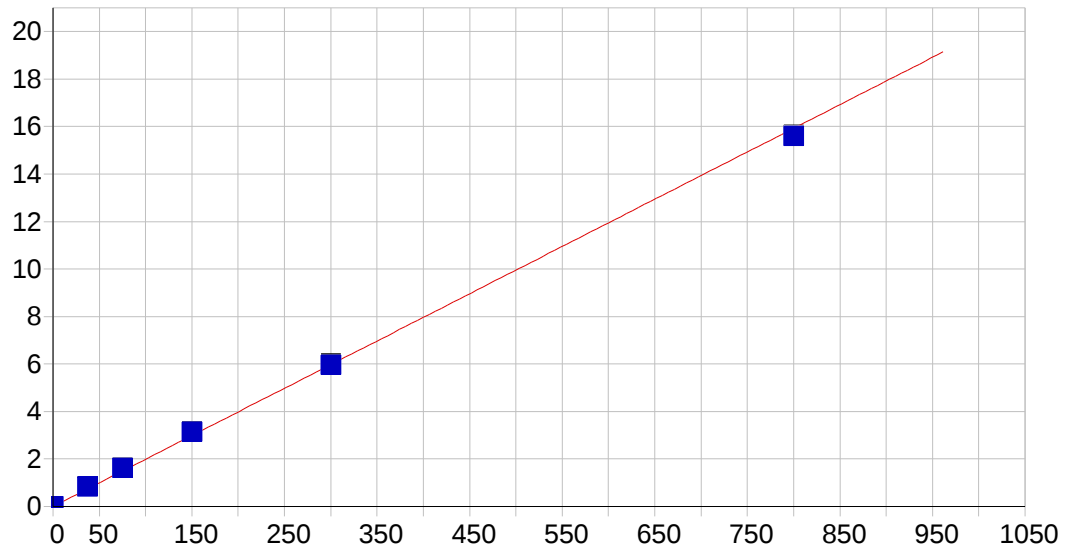
Status: OK.

Std Error of Est: 0.000165

Predicted MDL: 0.001032

Predicted MQL: 0.003441

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00066	.000	1
S1	.02500	.02715	.002	8.60	.00715	.000	1
S2	3.7500	3.6344	-.116	-3.08	.87247	.006	1
S3	7.5000	7.3220	-.178	-2.37	1.7571	.014	1
S4	15.000	14.935	-.065	-.436	3.5834	.019	1
S5	30.000	30.357	.357	1.19	7.2833	.044	1

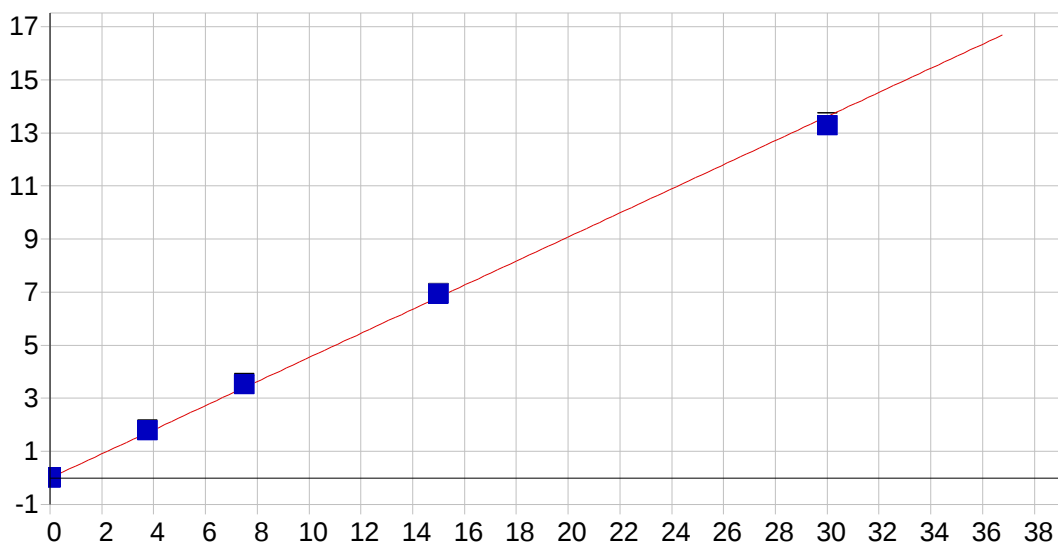


Fe 259.837 {130}

Date of Fit: 8/5/2017 19:32:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000086 Re-Slope: 1.000000
 A1 (Gain): 0.019909 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999441 Status: OK.
 Std Error of Est: 0.000291
 Predicted MDL: 0.006210
 Predicted MQL: 0.020701

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00008	.000	1
S1	.10000	.12380	.024	23.8	.00256	.000	1
S2	37.500	41.207	3.71	9.89	.82138	.009	1
S3	75.000	80.667	5.67	7.56	1.6079	.007	1
S4	150.00	157.65	7.65	5.10	3.1423	.007	1
S5	300.00	299.29	-.713	-.238	5.9658	.048	1
S6	800.00	783.65	-16.3	-2.04	15.610	.027	1



Mn 257.610 {131}

Date of Fit: 8/5/2017 19:32:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000063

Re-Slope: 1.000000

A1 (Gain): 0.453919

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999595

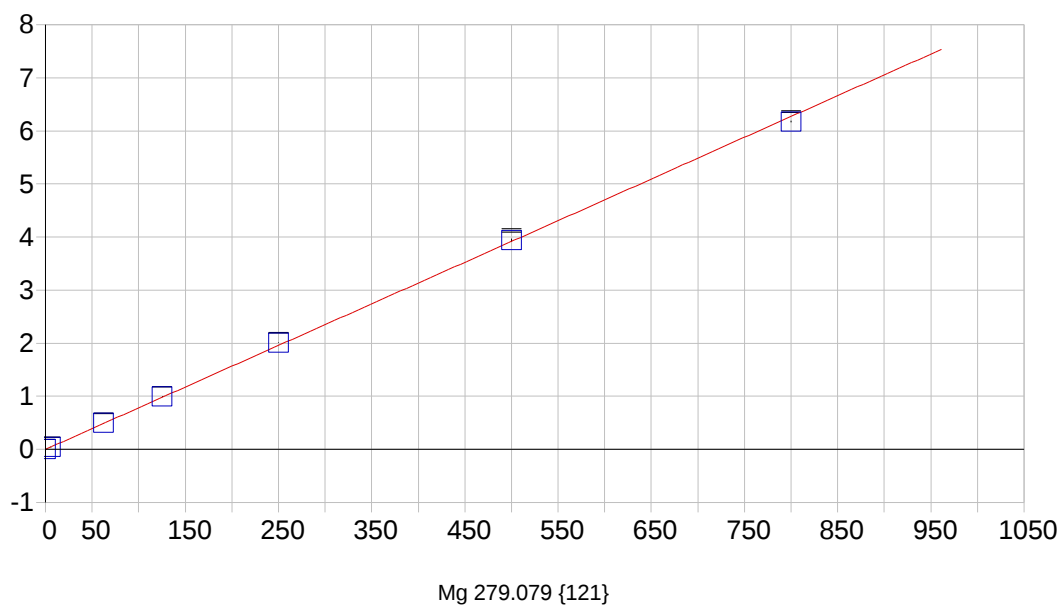
Status: OK.

Std Error of Est: 0.000460

Predicted MDL: 0.000313

Predicted MQL: 0.001044

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.01500	.01812	.003	20.8	.00817	.000	1
S2	3.7500	3.9457	.196	5.22	1.7914	.019	1
S3	7.5000	7.7763	.276	3.68	3.5305	.028	1
S4	15.000	15.284	.284	1.89	6.9391	.010	1
S5	30.000	29.241	-.759	-2.53	13.276	.113	1



Date of Fit: 8/5/2017 19:32:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000087

Re-Slope: 1.000000

A1 (Gain): 0.007837

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999880

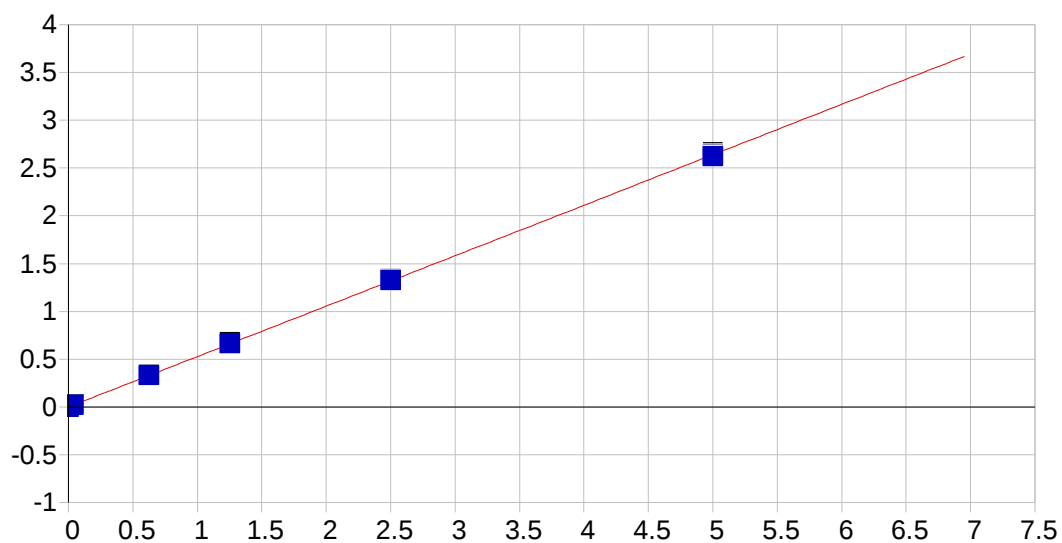
Status: OK.

Std Error of Est: 0.000423

Predicted MDL: 0.018680

Predicted MQL: 0.062266

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00045	.000	.000	-.00009	.000	1
S1	5.0000	5.2510	.251	5.02	.04106	.001	1
S2	62.500	62.943	.443	.709	.49320	.005	1
S3	125.00	126.95	1.95	1.56	.99486	.004	1
S4	250.00	256.70	6.70	2.68	2.0116	.004	1
S5	500.00	502.59	2.59	.518	3.9387	.029	1
S6	800.00	788.07	-11.9	-1.49	6.1761	.011	1



Ni 231.604 {446}

Date of Fit: 8/5/2017 19:32:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000655

Re-Slope: 1.000000

A1 (Gain): 0.527760

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999982

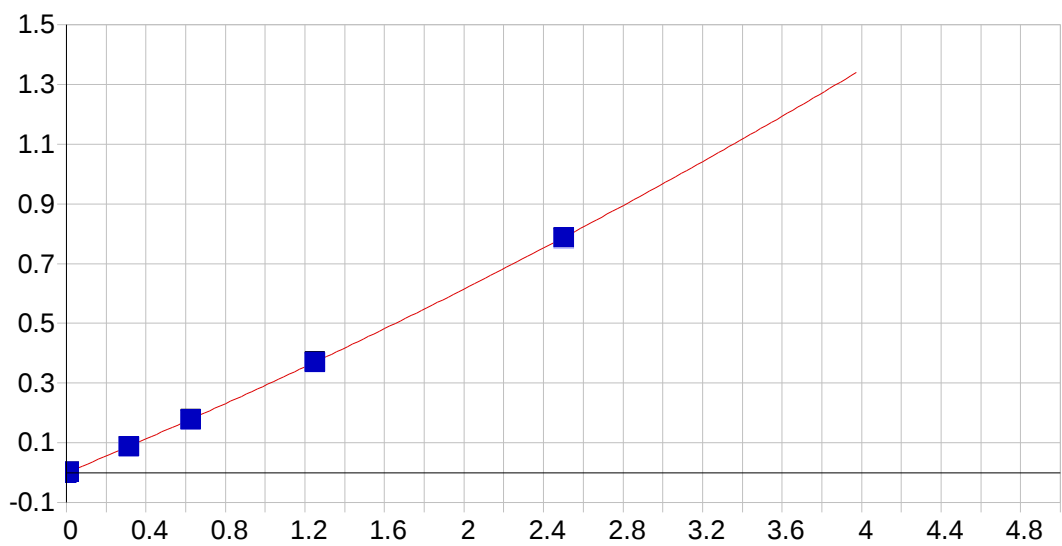
Status: OK.

Std Error of Est: 0.000075

Predicted MDL: 0.000364

Predicted MQL: 0.001214

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00066	.000	1
S1	.04000	.04140	.001	3.51	.02122	.000	1
S2	.62500	.62494	.000	-.010	.33090	.001	1
S3	1.2500	1.2588	.009	.701	.66714	.007	1
S4	2.5000	2.5153	.015	.613	1.3338	.002	1
S5	5.0000	4.9746	-.025	-.508	2.6386	.021	1



Ag 328.068 {103}

Date of Fit: 8/5/2017 19:32:06

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): -0.000401

Re-Slope: 1.000000

A1 (Gain): 0.277363

Y-int: 0.000000

A2 (Curvature): 0.015051

n (Exponent): 1.000000

Correlation: 0.999975

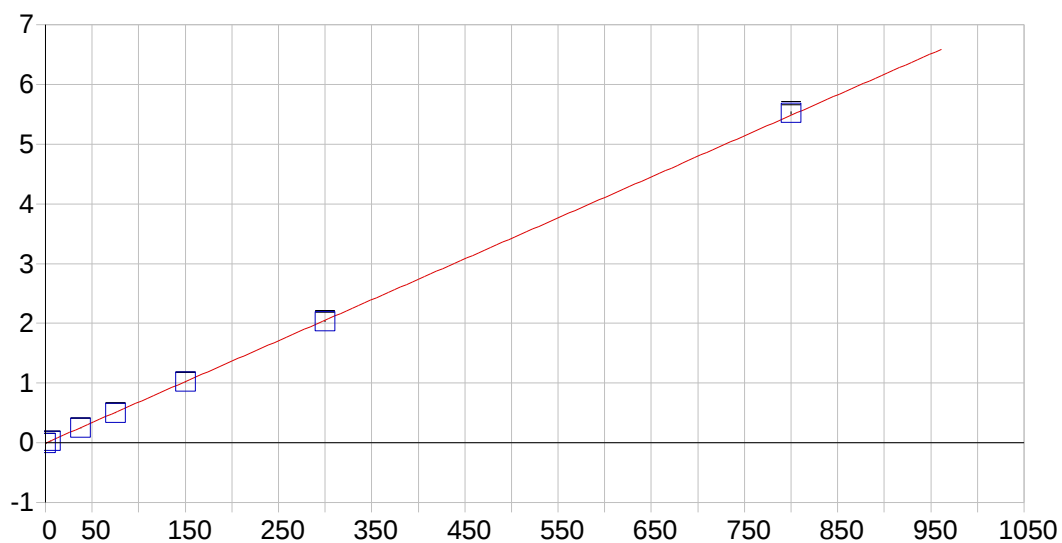
Status: Warning Positive Curvature

Std Error of Est: 0.000021

Predicted MDL: 0.000326

Predicted MQL: 0.001088

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00040	.000	1
S1	.01000	.01154	.002	15.4	.00280	.000	1
S2	.31250	.31015	-.002	-.753	.08648	.000	1
S3	.62500	.62313	-.002	-.299	.17710	.001	1
S4	1.2500	1.2537	.004	.293	.36861	.001	1
S5	2.5000	2.4990	-.001	-.040	.78199	.001	1



Na 818.326 { 41}

Date of Fit: 8/5/2017 19:32:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.004817

Re-Slope: 1.000000

A1 (Gain): 0.006858

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999961

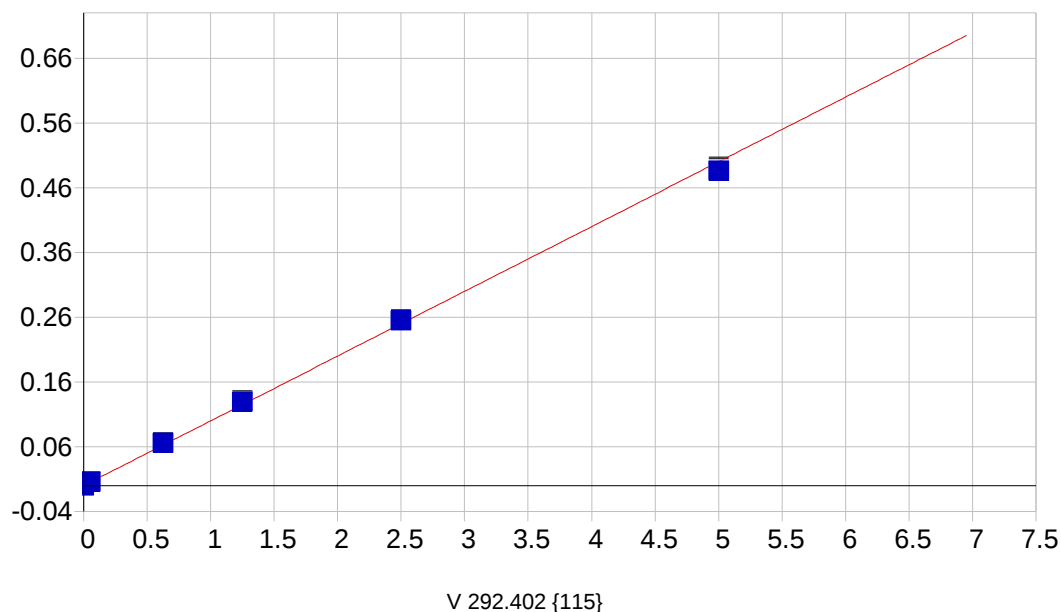
Status: OK.

Std Error of Est: 0.000188

Predicted MDL: 0.112949

Predicted MQL: 0.376497

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00011	.000	.000	-.00482	.001	1
S1	5.0000	5.1181	.118	2.36	.03028	.001	1
S2	37.500	36.715	-.785	-2.09	.24697	.002	1
S3	75.000	73.674	-1.33	-1.77	.50043	.003	1
S4	150.00	149.11	-.888	-.592	1.0178	.005	1
S5	300.00	297.44	-2.56	-.855	2.0350	.013	1
S6	800.00	805.45	5.45	.681	5.5188	.027	1



Date of Fit: 8/5/2017 19:32:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000030

Re-Slope: 1.000000

A1 (Gain): 0.100063

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999480

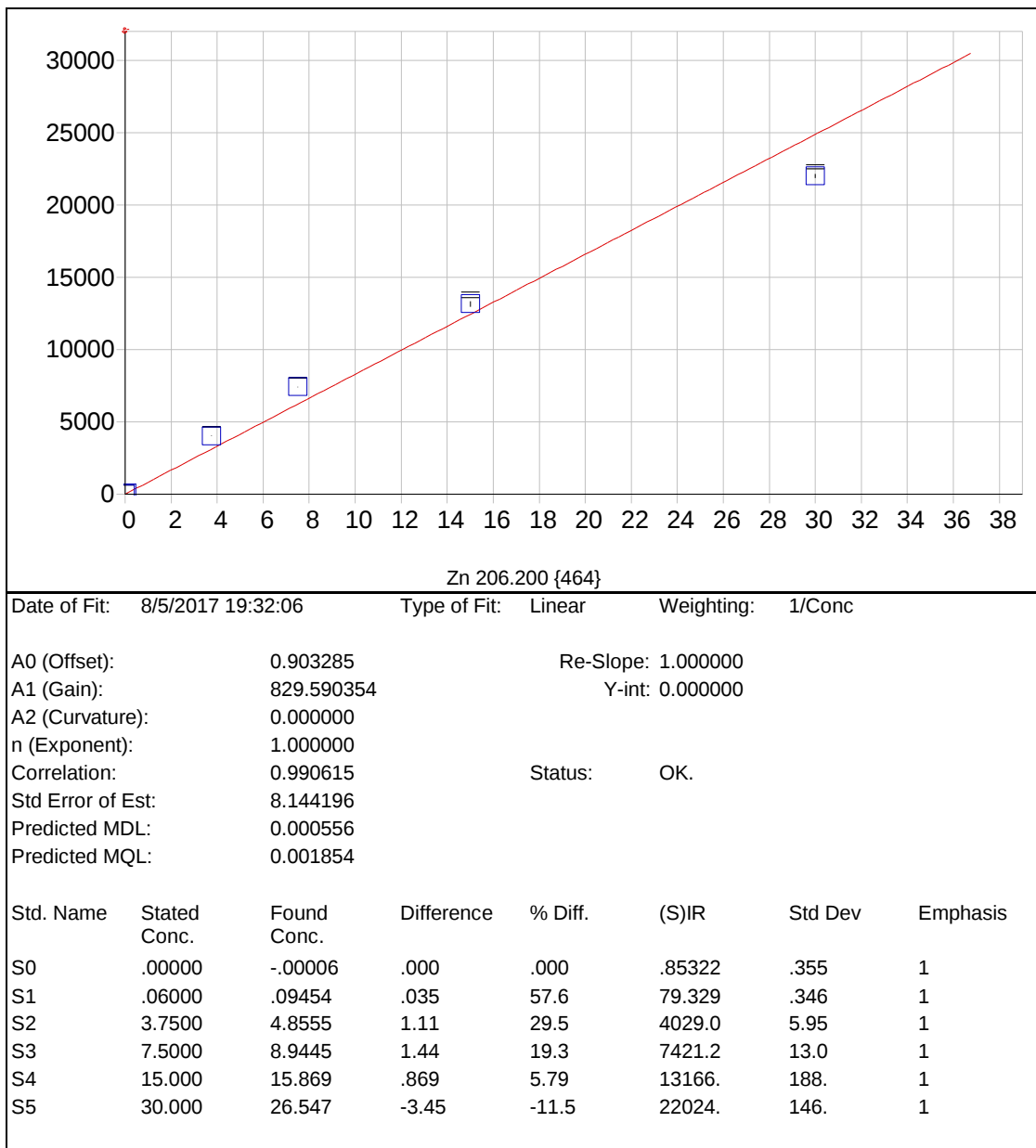
Status: OK.

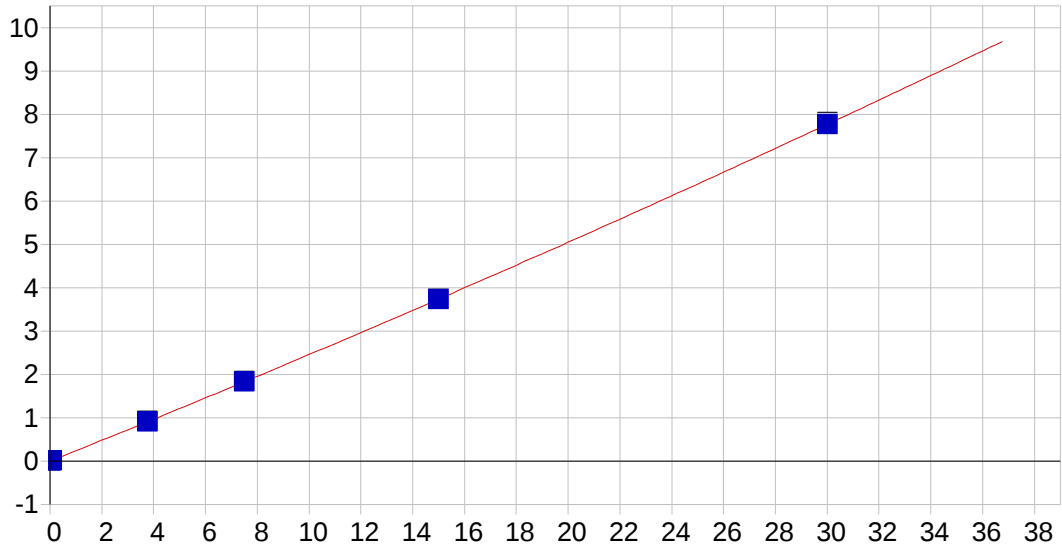
Std Error of Est: 0.000086

Predicted MDL: 0.001833

Predicted MQL: 0.006109

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00003	.000	1
S1	.05000	.05788	.008	15.8	.00577	.000	1
S2	.62500	.65967	.035	5.55	.06624	.001	1
S3	1.2500	1.2979	.048	3.83	.13036	.001	1
S4	2.5000	2.5494	.049	1.97	.25610	.001	1
S5	5.0000	4.8602	-.140	-2.80	.48836	.004	1





Zn 213.856 {158}

Date of Fit: 8/5/2017 19:32:06

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): -0.000600

Re-Slope: 1.000000

A1 (Gain): 0.239391

Y-int: 0.000000

A2 (Curvature): 0.000652

n (Exponent): 1.000000

Correlation: 0.999997

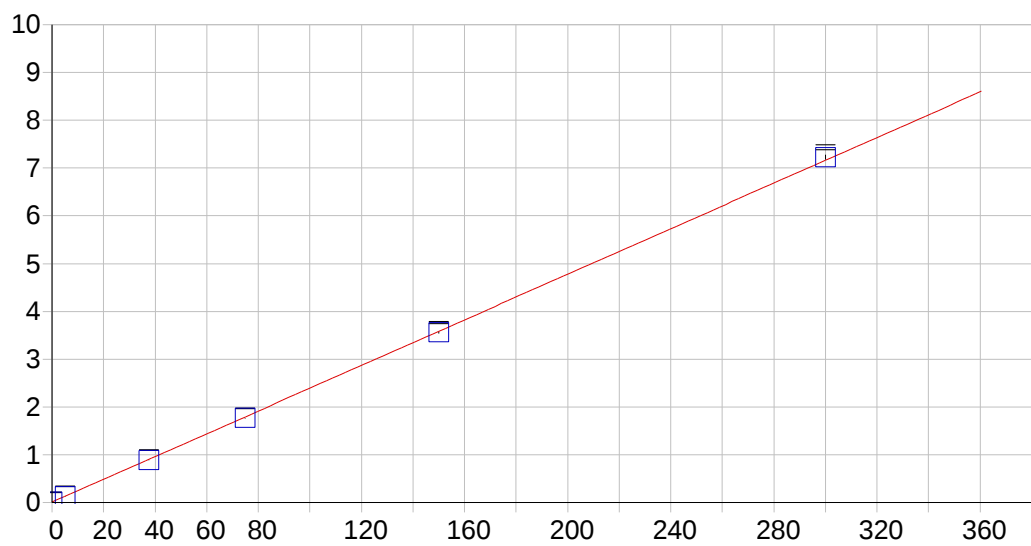
Status: Warning Positive Curvature

Std Error of Est: 0.000048

Predicted MDL: 0.002664

Predicted MQL: 0.008879

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00060	.000	1
S1	.06000	.06416	.004	6.93	.01482	.001	1
S2	3.7500	3.7575	.008	.201	.91027	.009	1
S3	7.5000	7.4985	-.001	-.019	1.8354	.008	1
S4	15.000	14.982	-.018	-.120	3.7408	.007	1
S5	30.000	30.008	.008	.026	7.7870	.034	1



K 769.896 { 44}

Date of Fit: 8/5/2017 19:32:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.006092

Re-Slope: 1.000000

A1 (Gain): 0.023851

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999942

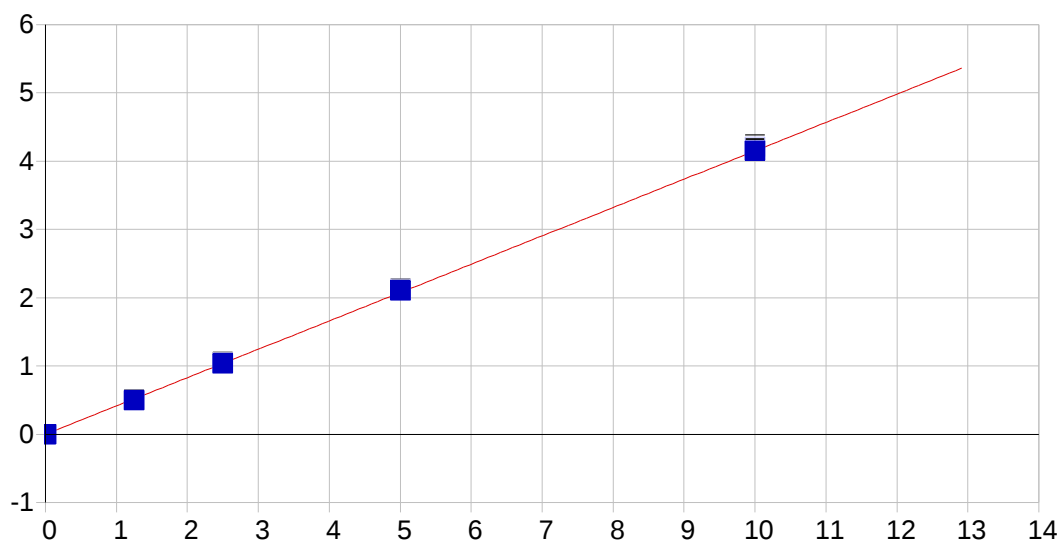
Status: OK.

Std Error of Est: 0.000531

Predicted MDL: 0.032174

Predicted MQL: 0.107246

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00609	.001	1
S1	5.0000	5.1831	.183	3.66	.12972	.003	1
S2	37.500	37.028	-.472	-1.26	.88926	.009	1
S3	75.000	73.702	-1.30	-1.73	1.7640	.004	1
S4	150.00	148.93	-1.07	-.711	3.5583	.021	1
S5	300.00	302.65	2.65	.884	7.2247	.050	1



P 177.495 {490}

Date of Fit: 8/5/2017 19:32:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000945

Re-Slope: 1.000000

A1 (Gain): 0.415263

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999716

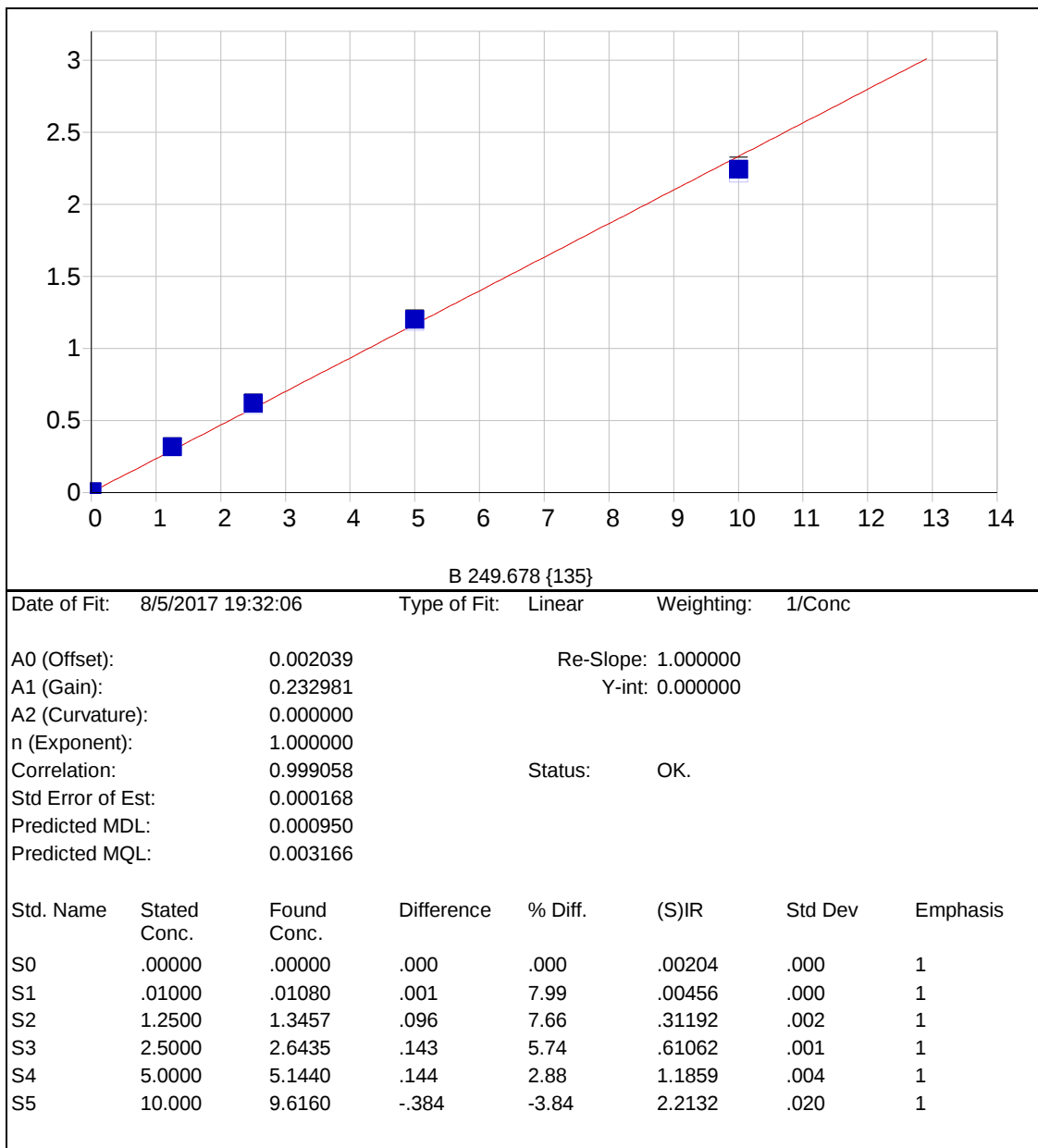
Status: OK.

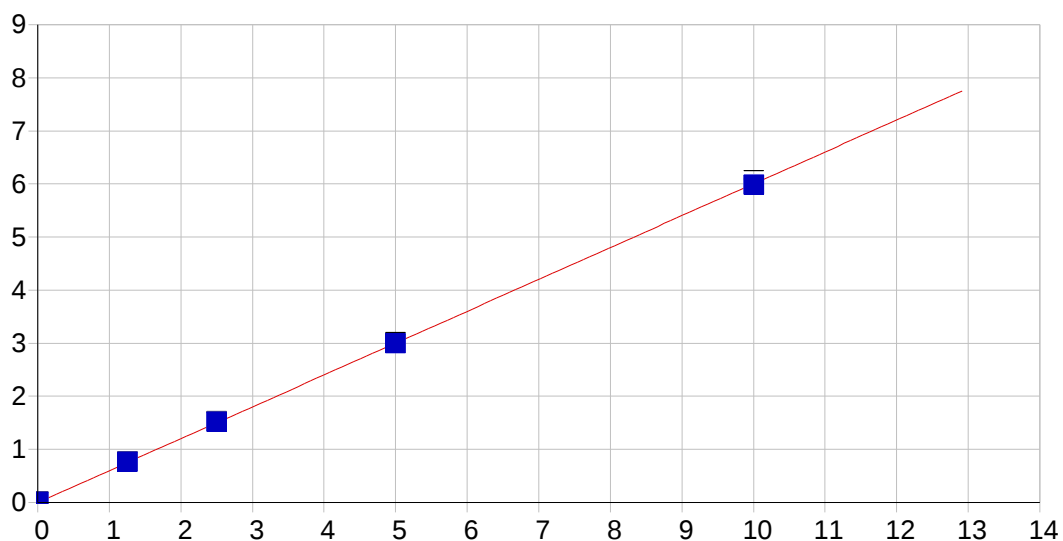
Std Error of Est: 0.000168

Predicted MDL: 0.000238

Predicted MQL: 0.000792

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00094	.000	1
S1	.01000	.00105	-.009	-89.5	-.00043	.000	1
S2	1.2500	1.1976	-.052	-4.19	.50308	.000	1
S3	2.5000	2.4938	-.006	-.247	1.0481	.009	1
S4	5.0000	5.0589	.059	1.18	2.1267	.003	1
S5	10.000	10.009	.009	.087	4.2090	.031	1





Mo 202.030 {467}

Date of Fit: 8/5/2017 19:32:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000261

Re-Slope: 1.000000

A1 (Gain): 0.600254

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999971

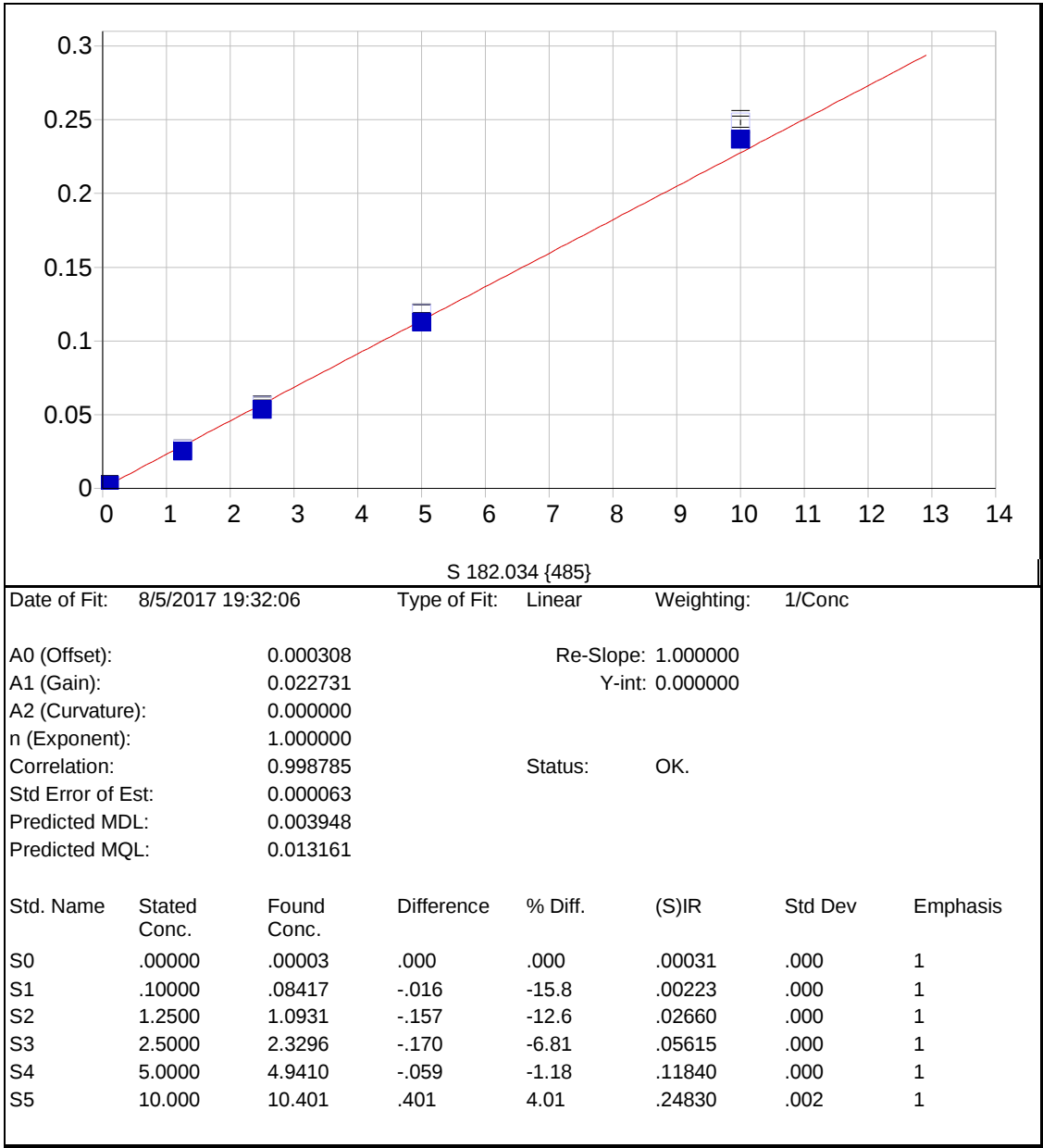
Status: OK.

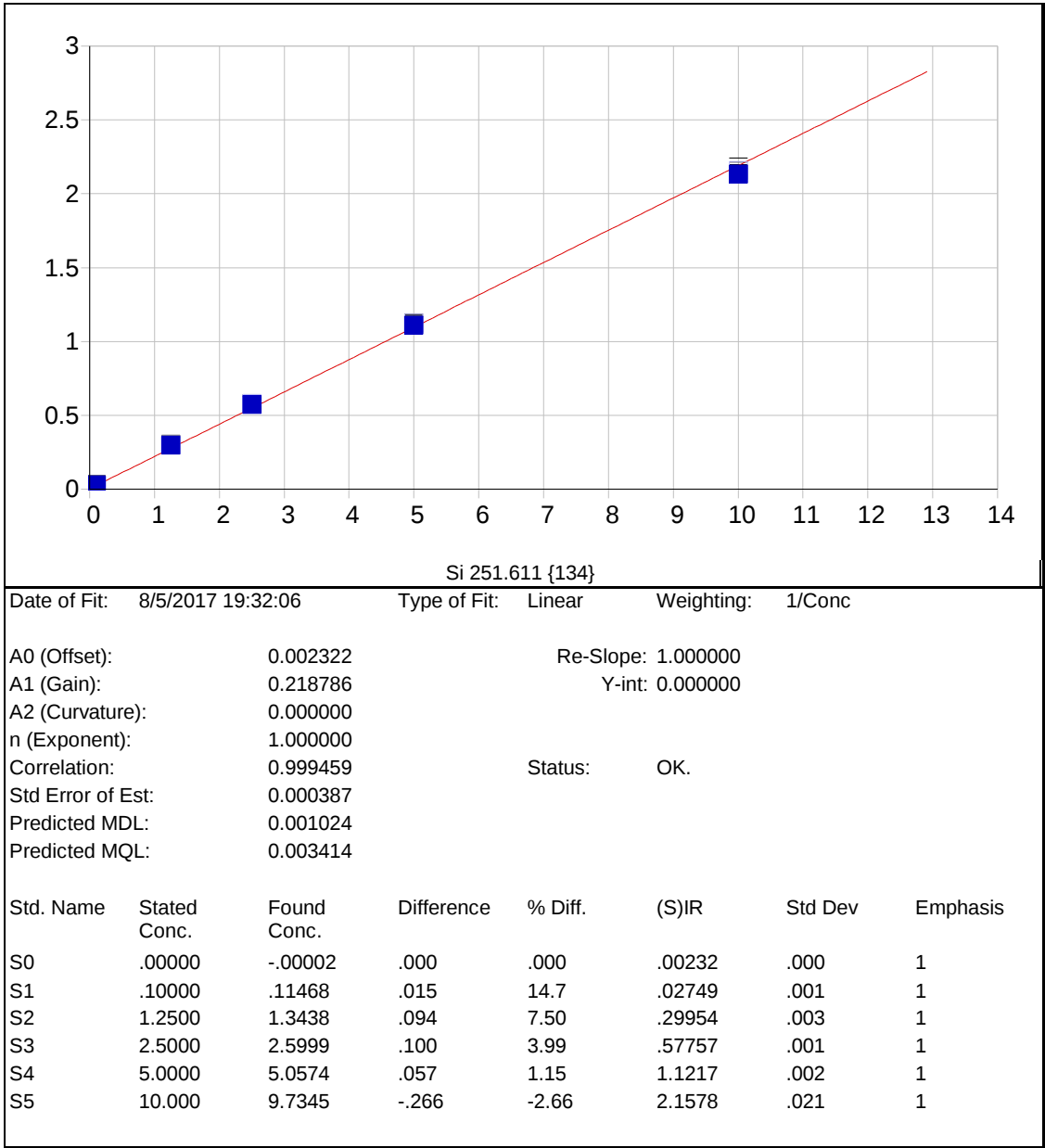
Std Error of Est: 0.000077

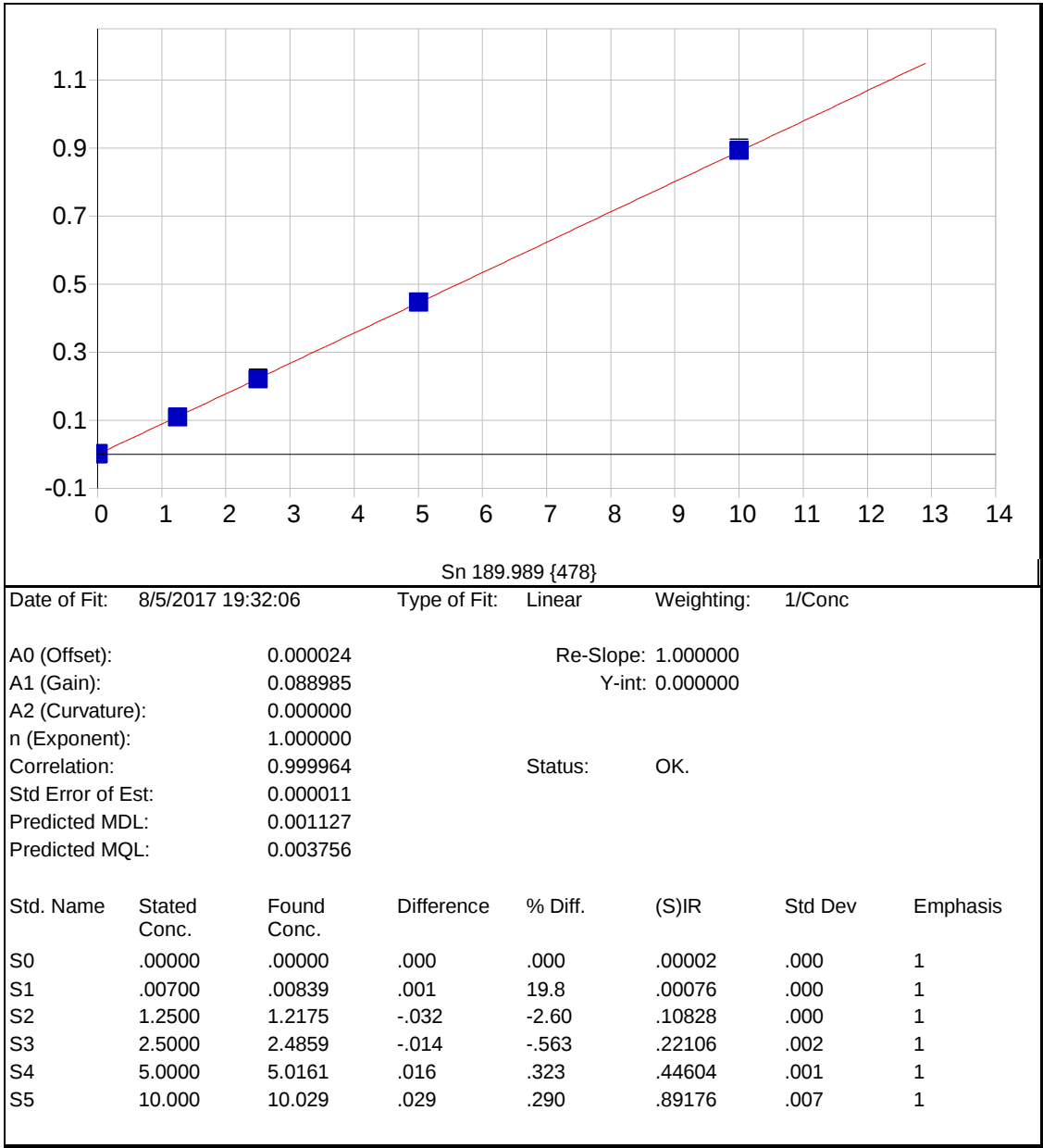
Predicted MDL: 0.000322

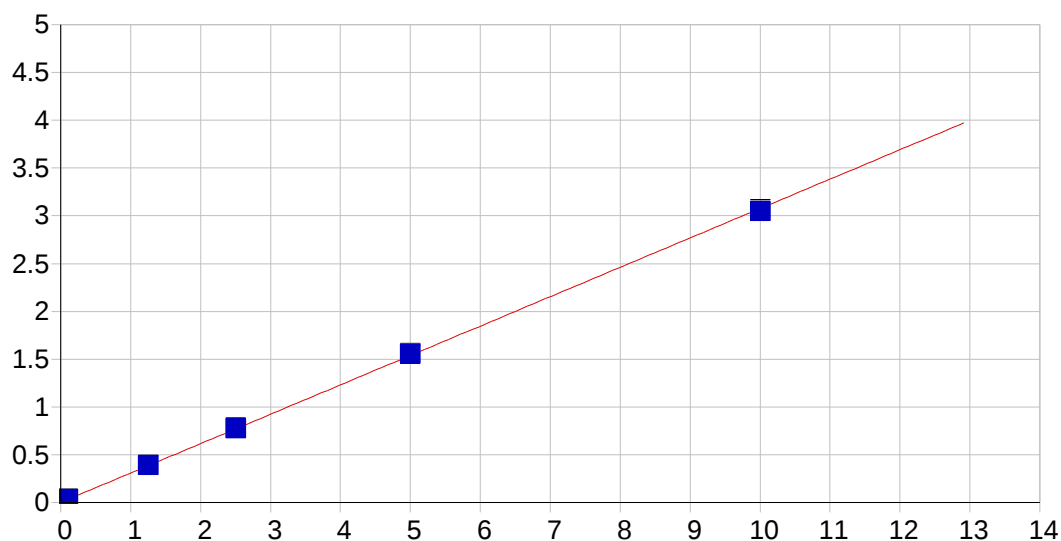
Predicted MQL: 0.001072

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00026	.000	1
S1	.01000	.01178	.002	17.8	.00734	.000	1
S2	1.2500	1.2696	.020	1.57	.76300	.002	1
S3	2.5000	2.5279	.028	1.12	1.5190	.012	1
S4	5.0000	4.9845	-.015	-.310	2.9950	.021	1
S5	10.000	9.9662	-.034	-.338	5.9880	.078	1









Ti 336.121 {100}

Date of Fit: 8/5/2017 19:32:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000646

Re-Slope: 1.000000

A1 (Gain): 0.307554

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999946

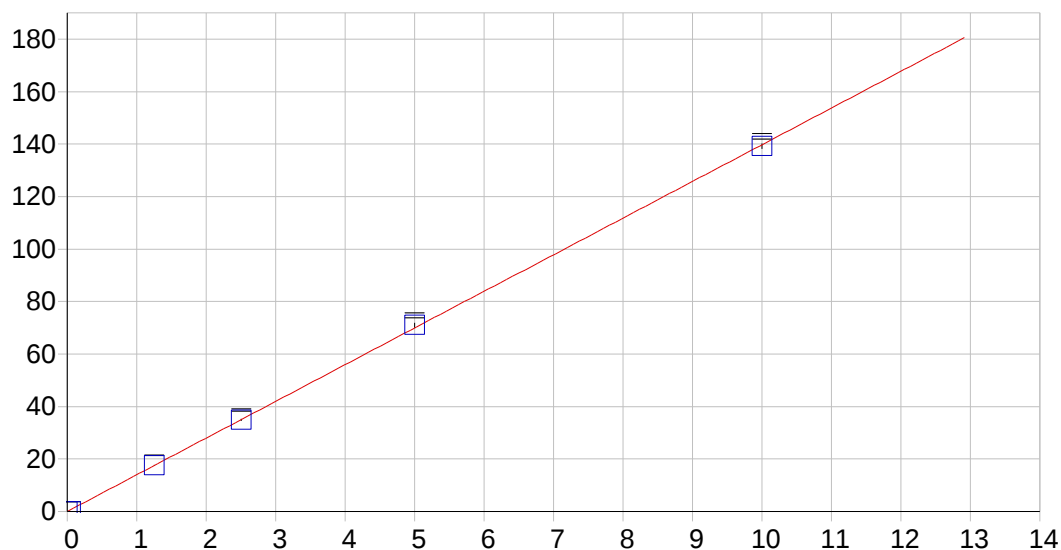
Status: OK.

Std Error of Est: 0.000170

Predicted MDL: 0.000780

Predicted MQL: 0.002599

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00064	.000	1
S1	.10000	.10673	.007	6.73	.03346	.001	1
S2	1.2500	1.2604	.010	.834	.38816	.003	1
S3	2.5000	2.5202	.020	.808	.77548	.006	1
S4	5.0000	5.0516	.052	1.03	1.5538	.008	1
S5	10.000	9.9110	-.089	-.890	3.0478	.018	1



Li 670.784 { 50}

Date of Fit: 8/5/2017 19:32:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.005396

Re-Slope: 1.000000

A1 (Gain): 13.976748

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998893

Status: OK.

Std Error of Est: 0.024696

Predicted MDL: 0.000061

Predicted MQL: 0.000203

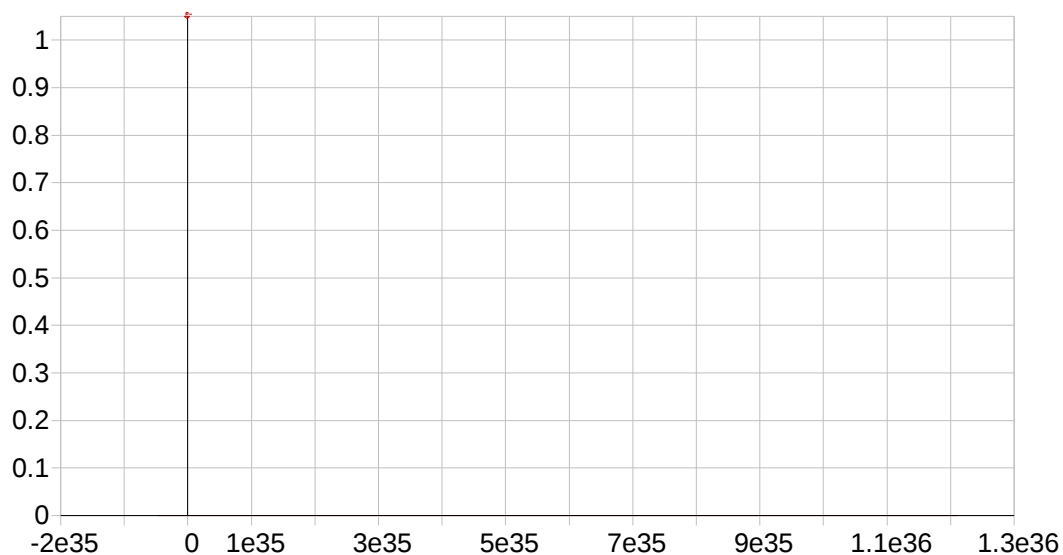
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00601	.001	1
S5	10.000	9.9605	-.040	-.395	139.22	1.04	1
S4	5.0000	5.0788	.079	1.58	70.991	.985	1
S3	2.5000	2.4922	-.008	-.312	34.838	.415	1
S2	1.2500	1.2633	.013	1.06	17.662	.114	1
S1	.05000	.00524	-.045	-89.5	.07863	.002	1



Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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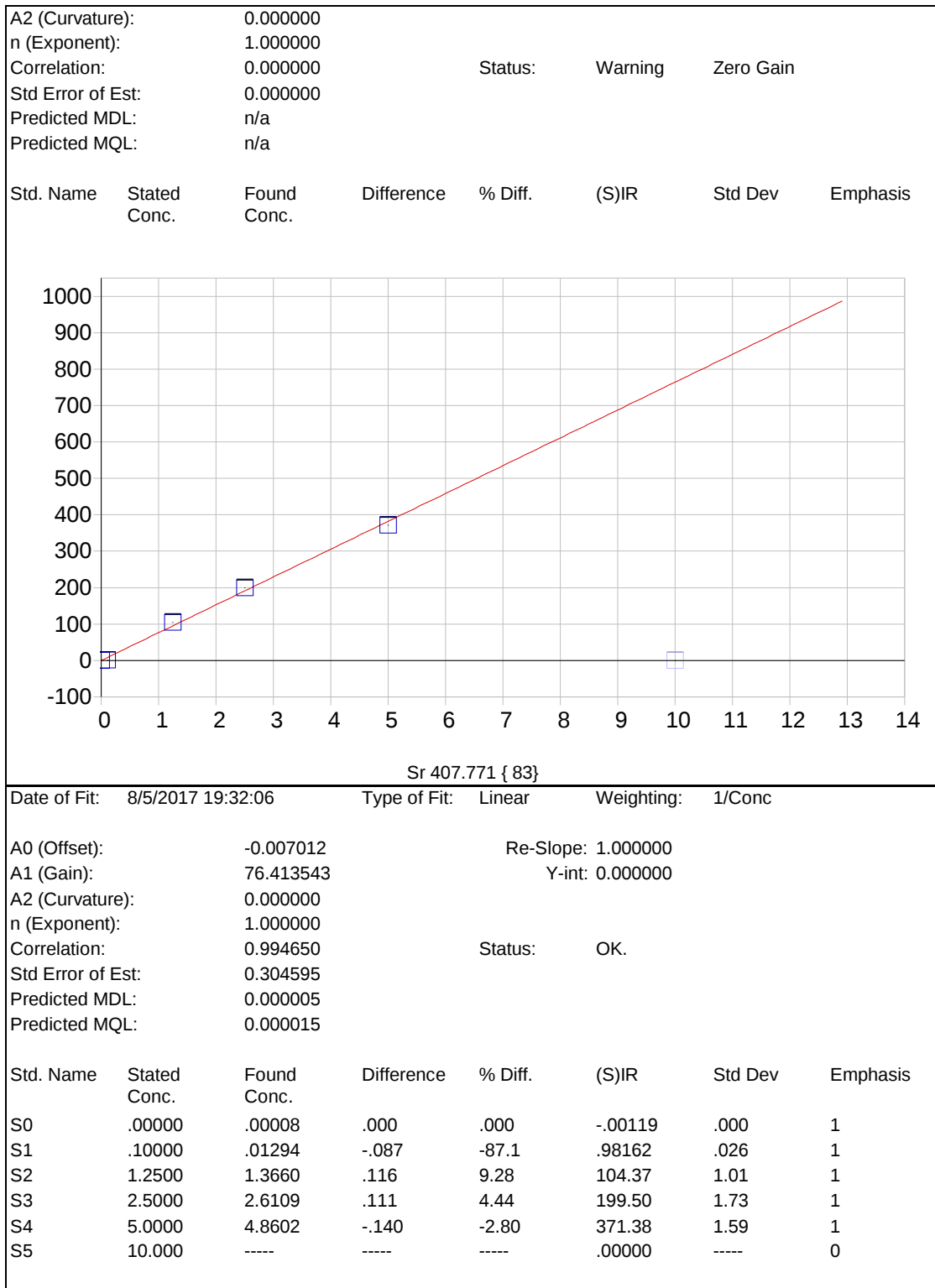
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
							
ln 230.606 {446}* Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc							
A0 (Offset):	0.000000	Re-Slope: 1.000000					
A1 (Gain):	0.000000	Y-int: 0.000000					



Sample Name: S0 Acquired: 8/5/2017 14:47:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) 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	-.00035	-.00015	-.00007	.00031	-.00027	.00015	-.03373	-.00061
Stddev	.00010	.00007	.00018	.00008	.00022	.00032	.00140	.00010
%RSD	29.857	47.285	256.24	24.824	84.395	215.75	4.1546	16.910

#1	-.00036	-.00008	.00002	.00035	-.00003	.00049	-.03401	-.00072
#2	-.00024	-.00015	-.00027	.00036	-.00028	-.00015	-.03497	-.00053
#3	-.00045	-.00022	.00004	.00022	-.00048	.00011	-.03221	-.00057

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	-.00037	.00083	.00014	-.00011	.00066	.00008	-.00006	-.00009
Stddev	.00009	.00038	.00003	.00008	.00013	.00008	.00011	.00007
%RSD	25.152	45.515	20.803	73.364	19.493	92.863	166.10	72.593

#1	-.00037	.00084	.00012	-.00016	.00054	.00015	-.00015	-.00014
#2	-.00028	.00120	.00018	-.00002	.00079	.00011	.00006	-.00012
#3	-.00047	.00045	.00013	-.00016	.00064	.00000	-.00010	-.00002

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	-.00066	-.00040	-.00482	-.00003	-.00060	.00609	-.00094	.00204
Stddev	.00009	.00010	.00051	.00022	.00048	.00087	.00003	.00003
%RSD	13.695	24.390	10.562	718.79	79.971	14.222	2.8740	1.6209

#1	-.00060	-.00035	-.00434	.00008	-.00027	.00541	-.00093	.00208
#2	-.00076	-.00051	-.00475	-.00029	-.00039	.00580	-.00097	.00203
#3	-.00061	-.00034	-.00536	.00012	-.00115	.00707	-.00092	.00201

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	.00026	.00031	.00232	.00002	.00064	.00601	-.00119	
Stddev	.00016	.00005	.00034	.00004	.00004	.00101	.00036	
%RSD	59.859	17.780	14.863	177.97	5.8862	16.818	30.380	

#1	.00033	.00026	.00227	.00004	.00067	.00488	-.00116	
#2	.00008	.00029	.00268	-.00002	.00066	.00683	-.00085	
#3	.00037	.00037	.00200	.00006	.00060	.00631	-.00157	

Sample Name: S0 Acquired: 8/5/2017 14:47:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) 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	1286.6	2209.8	49467.	10313.	3651.6
Stddev	61.6	13.9	2301.	121.	19.9
%RSD	4.7857	.63105	4.6517	1.1775	.54368
#1	1239.0	2194.2	47858.	10453.	3632.2
#2	1356.1	2214.1	52103.	10248.	3650.7
#3	1264.6	2221.1	48441.	10239.	3671.9

Sample Name: S1 Acquired: 8/5/2017 14:51:51 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) 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	.00025	.00190	.00195	.00183	.01170	.01910	.83382	.01434
Stddev	.00002	.00009	.00013	.00025	.00010	.00080	.02253	.00025
%RSD	8.0358	4.8677	6.7116	13.422	.89459	4.1890	2.7026	1.7469

#1	.00024	.00199	.00182	.00178	.01178	.01825	.80796	.01405
#2	.00027	.00189	.00195	.00210	.01173	.01983	.84919	.01448
#3	.00023	.00181	.00209	.00161	.01158	.01923	.84433	.01449

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	.00886	.24457	.00148	.03453	.00715	.00256	.00817	.04106
Stddev	.00005	.00720	.00002	.00015	.00032	.00006	.00035	.00102
%RSD	.58395	2.9457	1.4382	.43442	4.4674	2.3402	4.2952	2.4868

#1	.00882	.23630	.00148	.03463	.00684	.00251	.00779	.03989
#2	.00884	.24792	.00150	.03460	.00748	.00263	.00821	.04162
#3	.00892	.24948	.00146	.03436	.00714	.00254	.00849	.04169

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	.02122	.00280	.03028	.00577	.01482	.12972	-.00043	.00456
Stddev	.00020	.00004	.00111	.00018	.00058	.00311	.00003	.00031
%RSD	.93171	1.5322	3.6660	3.1919	3.9058	2.3972	5.8298	6.8092

#1	.02142	.00275	.02912	.00558	.01445	.12613	-.00040	.00434
#2	.02123	.00280	.03133	.00579	.01451	.13157	-.00045	.00492
#3	.02102	.00284	.03039	.00595	.01548	.13145	-.00044	.00443

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	.00734	.00223	.02749	.00076	.03346	.07863	.98162	
Stddev	.00010	.00009	.00079	.00007	.00098	.00237	.02607	
%RSD	1.3596	3.9752	2.8571	9.5367	2.9147	3.0105	2.6555	

#1	.00742	.00229	.02665	.00071	.03243	.07594	.95157	
#2	.00723	.00213	.02763	.00084	.03359	.08038	.99524	
#3	.00737	.00226	.02820	.00073	.03437	.07956	.99806	

Sample Name: S1 Acquired: 8/5/2017 14:51:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) 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	1251.2	2205.3	47868.	10404.	3557.0
Stddev	3.8	14.2	30.	254.	16.8
%RSD	.30672	.64239	.06332	2.4372	.47190
#1	1246.8	2196.4	47837.	10694.	3544.2
#2	1252.5	2197.8	47870.	10295.	3550.7
#3	1254.1	2221.6	47898.	10224.	3576.0

Sample Name: S2 Acquired: 8/5/2017 14:56:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) 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	.05482	.09015	1.0499	.06213	.23085	3.3815	11.100	.30528
Stddev	.00042	.00038	.0024	.00012	.00083	.0340	.092	.00213
%RSD	.75734	.42620	.22429	.19016	.36075	1.0051	.82468	.69853

#1	.05506	.08983	1.0506	.06202	.23167	3.3433	10.997	.30292
#2	.05507	.09004	1.0517	.06226	.23087	3.4085	11.172	.30705
#3	.05435	.09058	1.0472	.06213	.23001	3.3927	11.132	.30588

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	1.0417	2.8971	.44160	.43773	.87247	.82138	1.7914	.49320
Stddev	.0018	.0306	.00097	.00133	.00611	.00887	.0187	.00461
%RSD	.17636	1.0554	.21996	.30495	.70016	1.0799	1.0436	.93390

#1	1.0415	2.8636	.44272	.43788	.86543	.81191	1.7711	.48815
#2	1.0437	2.9235	.44111	.43898	.87557	.82949	1.8079	.49718
#3	1.0400	2.9043	.44098	.43633	.87640	.82275	1.7951	.49427

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	.33090	.08648	.24697	.06624	.91027	.88926	.50308	.31192
Stddev	.00111	.00032	.00197	.00068	.00927	.00851	.00025	.00206
%RSD	.33648	.36962	.79636	1.0207	1.0184	.95703	.05023	.65949

#1	.33158	.08684	.24471	.06550	.89990	.87978	.50327	.30962
#2	.33150	.08623	.24825	.06684	.91318	.89624	.50279	.31360
#3	.32961	.08637	.24795	.06637	.91774	.89176	.50318	.31253

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	.76300	.02660	.29954	.10828	.38816	17.662	104.37	
Stddev	.00191	.00004	.00293	.00028	.00251	.114	1.01	
%RSD	.25068	.13279	.97801	.25640	.64784	.64712	.96899	

#1	.76376	.02663	.29645	.10831	.38526	17.535	103.23	
#2	.76442	.02661	.30228	.10854	.38948	17.695	105.14	
#3	.76083	.02656	.29987	.10799	.38974	17.756	104.75	

Sample Name: S2 Acquired: 8/5/2017 14:56:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) 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	1174.1	2062.3	44871.	10174.	3001.7
Stddev	5.8	5.5	79.	87.	9.2
%RSD	.49279	.26563	.17713	.85564	.30690
#1	1176.9	2057.3	44830.	10258.	2992.9
#2	1178.0	2061.3	44821.	10084.	3001.0
#3	1167.5	2068.1	44963.	10179.	3011.3

Sample Name: S3 Acquired: 8/5/2017 15:00:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) 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	.11235	.17743	2.1361	.12618	.46959	6.8340	22.167	.60026
Stddev	.00102	.00121	.0201	.00102	.00483	.0242	.083	.00021
%RSD	.91189	.68079	.94164	.80835	1.0294	.35457	.37346	.03490

#1	.11337	.17864	2.1566	.12725	.47383	6.8099	22.077	.60030
#2	.11237	.17744	2.1352	.12607	.47062	6.8584	22.239	.60003
#3	.11132	.17622	2.1164	.12522	.46432	6.8335	22.184	.60045

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.1336	5.8169	.86115	.89743	1.7571	1.6079	3.5305	.99486
Stddev	.0185	.0389	.00489	.00753	.0141	.0074	.0276	.00449
%RSD	.86746	.66819	.56818	.83865	.80211	.45876	.78215	.45135

#1	2.1520	5.7723	.86672	.90512	1.7408	1.6003	3.4991	.99010
#2	2.1339	5.8435	.85755	.89708	1.7649	1.6151	3.5508	.99547
#3	2.1150	5.8349	.85919	.89008	1.7655	1.6083	3.5417	.99901

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	.66714	.17710	.50043	.13036	1.8354	1.7640	1.0481	.61062
Stddev	.00736	.00078	.00286	.00072	.0082	.0043	.0090	.00117
%RSD	1.1027	.44050	.57103	.55008	.44665	.24505	.85834	.19149

#1	.67442	.17791	.49759	.12967	1.8339	1.7599	1.0572	.60929
#2	.66728	.17636	.50330	.13110	1.8443	1.7635	1.0479	.61147
#3	.65971	.17701	.50040	.13031	1.8281	1.7685	1.0392	.61110

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	1.5190	.05615	.57757	.22106	.77548	34.838	199.50	
Stddev	.0115	.00044	.00127	.00189	.00603	.415	1.73	
%RSD	.75882	.78417	.22024	.85488	.77760	1.1918	.86812	

#1	1.5303	.05654	.57611	.22267	.76853	35.053	197.70	
#2	1.5196	.05624	.57842	.22153	.77858	34.360	199.65	
#3	1.5072	.05567	.57819	.21898	.77934	35.102	201.15	

Sample Name: S3 Acquired: 8/5/2017 15:00:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) 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	1136.2	1967.5	43833.	10075.	2756.6
Stddev	6.4	16.6	182.	33.	25.4
%RSD	.56570	.84192	.41563	.32790	.92289
#1	1131.5	1953.3	43631.	10113.	2732.3
#2	1133.6	1963.5	43984.	10058.	2754.6
#3	1143.6	1985.7	43884.	10055.	2783.0

Sample Name: S4 Acquired: 8/5/2017 15:04:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) 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	.23171	.34540	4.2806	.25426	.96251	13.932	43.440	1.1878
Stddev	.00046	.00069	.0127	.00170	.00679	.069	.166	.0027
%RSD	.19771	.20082	.29628	.66778	.70518	.49751	.38137	.22365

#1	.23119	.34538	4.2703	.25456	.96077	13.902	43.257	1.1848
#2	.23191	.34471	4.2768	.25243	.95677	14.012	43.580	1.1887
#3	.23204	.34610	4.2948	.25578	.97001	13.884	43.484	1.1899

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.2824	11.727	1.6849	1.8159	3.5834	3.1423	6.9391	2.0116
Stddev	.0006	.022	.0023	.0023	.0190	.0070	.0095	.0038
%RSD	.01342	.18767	.13835	.12458	.53041	.22414	.13691	.18880

#1	4.2831	11.713	1.6822	1.8166	3.5724	3.1357	6.9342	2.0096
#2	4.2822	11.753	1.6863	1.8134	3.6053	3.1497	6.9501	2.0160
#3	4.2820	11.717	1.6861	1.8177	3.5724	3.1415	6.9331	2.0093

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	1.3338	.36861	1.0178	.25610	3.7408	3.5583	2.1267	1.1859
Stddev	.0020	.00149	.0051	.00068	.0066	.0208	.0030	.0043
%RSD	.14725	.40296	.50329	.26679	.17644	.58499	.14307	.36428

#1	1.3328	.37020	1.0147	.25608	3.7484	3.5425	2.1246	1.1868
#2	1.3325	.36836	1.0237	.25679	3.7375	3.5819	2.1253	1.1897
#3	1.3360	.36726	1.0149	.25543	3.7365	3.5507	2.1302	1.1812

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.9950	.11840	1.1217	.44604	1.5538	70.991	371.38	
Stddev	.0206	.00042	.0018	.00051	.0083	.985	1.59	
%RSD	.68719	.35722	.15787	.11518	.53673	1.3878	.42904	

#1	2.9895	.11796	1.1220	.44574	1.5515	70.537	369.55	
#2	2.9777	.11843	1.1233	.44574	1.5630	72.121	372.50	
#3	3.0177	.11881	1.1198	.44663	1.5468	70.314	372.08	

Sample Name: S4 Acquired: 8/5/2017 15:04:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) 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	1068.5	1829.8	41933.	9801.6	2470.1
Stddev	4.5	26.4	170.	34.2	28.7
%RSD	.42015	1.4450	.40453	.34903	1.1607
#1	1064.2	1841.4	41829.	9804.0	2485.1
#2	1068.3	1848.4	41841.	9766.3	2488.2
#3	1073.1	1799.5	42129.	9834.6	2437.1

Sample Name: S5 Acquired: 8/5/2017 15:08:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) 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	.49200	.67264	8.5801	.52774	2.0526	28.091	85.511	2.3205
Stddev	.00643	.00571	.0627	.00623	.0319	.451	1.613	.0286
%RSD	1.3076	.84946	.73062	1.1808	1.5557	1.6071	1.8857	1.2324

#1	.49847	.67732	8.6338	.53390	2.0840	28.176	85.867	2.3300
#2	.49191	.67433	8.5954	.52788	2.0536	28.494	86.916	2.3430
#3	.48561	.66627	8.5112	.52144	2.0201	27.603	83.750	2.2883

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.4745	22.756	3.1526	3.6513	7.2833	5.9658	13.276	3.9387
Stddev	.0353	.193	.0120	.0291	.0441	.0481	.113	.0289
%RSD	.41694	.84736	.38001	.79812	.60577	.80605	.84974	.73248

#1	8.4908	22.936	3.1642	3.6770	7.2806	6.0115	13.372	3.9598
#2	8.4988	22.781	3.1403	3.6574	7.3288	5.9703	13.303	3.9506
#3	8.4340	22.552	3.1533	3.6197	7.2407	5.9156	13.152	3.9058

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	2.6386	.78199	2.0350	.48836	7.7870	7.2247	4.2090	2.2132
Stddev	.0212	.00104	.0132	.00364	.0336	.0501	.0310	.0200
%RSD	.80284	.13252	.64855	.74456	.43150	.69392	.73604	.90525

#1	2.6581	.78084	2.0388	.49245	7.8105	7.2284	4.2339	2.2142
#2	2.6416	.78228	2.0458	.48714	7.7485	7.2729	4.2187	2.2328
#3	2.6161	.78285	2.0203	.48549	7.8019	7.1728	4.1743	2.1927

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	5.9880	.24830	2.1578	.89176	3.0478	139.22	^ *****
Stddev	.0781	.00192	.0212	.00680	.0176	1.03	-----
%RSD	1.3051	.77466	.98176	.76303	.57701	.74344	-----

#1	6.0620	.24942	2.1602	.89805	3.0542	138.06	^ -----
#2	5.9955	.24941	2.1777	.89269	3.0612	140.06	^ -----
#3	5.9063	.24608	2.1356	.88454	3.0279	139.53	^ -----

Sample Name: S5 Acquired: 8/5/2017 15:08:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) 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	951.59	1612.8	39216.	9525.7	2118.3
Stddev	5.89	27.0	209.	79.3	25.8
%RSD	.61876	1.6762	.53407	.83248	1.2160
#1	958.35	1586.9	39431.	9556.5	2095.1
#2	948.80	1610.5	39204.	9435.6	2113.6
#3	947.61	1640.8	39012.	9584.9	2146.0

Sample Name: S6 Acquired: 8/5/2017 15:13:08 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) 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	71.710	36.649	15.610	6.1761	5.5188
Stddev	.747	.146	.027	.0107	.0268
%RSD	1.0410	.39894	.17164	.17243	.48635

#1	72.466	36.485	15.587	6.1693	5.5485
#2	70.974	36.765	15.639	6.1883	5.5117
#3	71.690	36.698	15.604	6.1705	5.4963

Int. Std.	Y_3710
Units	Cts/S
Avg	9280.2
Stddev	54.8
%RSD	.59056

#1	9218.1
#2	9300.7
#3	9321.7

Sample Name: ICV Acquired: 8/5/2017 15:17:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) 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	.9188497	1.061428	.9380360	.9379903	.9097313	2.465855
Stddev	.0129320	.008018	.0073696	.0096760	.0109830	.018867
%RSD	1.407414	.7553748	.7856403	1.031568	1.207283	.7651155

#1	.9313095	1.067508	.9418835	.9473246	.9169086	2.462318
#2	.9197474	1.064435	.9426855	.9386407	.9151975	2.486240
#3	.9054922	1.052342	.9295389	.9280054	.8970877	2.449008

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4920398	.4681766	.4508106	9.844158	.5202406	.4554377
Stddev	.0022647	.0098251	.0028974	.058102	.0028448	.0044987
%RSD	.4602640	2.098582	.6427018	.5902188	.5468281	.9877679

#1	.4922506	.4609372	.4516135	9.802452	.5195014	.4572415
#2	.4941916	.4793611	.4532219	9.910522	.5233821	.4587545
#3	.4896770	.4642316	.4475965	9.819498	.5178384	.4503171

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4906431	5.285851	.5164464	5.733459	.4644721	.4763736
Stddev	.0030418	.035276	.0025384	.042998	.0035548	.0008686
%RSD	.6199633	.6673622	.4915062	.7499482	.7653398	.1823342

#1	.4924025	5.277835	.5142523	5.763197	.4664201	.4764311
#2	.4923961	5.324444	.5192265	5.753021	.4666270	.4754777
#3	.4871308	5.255272	.5158603	5.684157	.4603691	.4772120

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.561357	.5044675	.9482031	9.144323	F -.003559	F .1515276
Stddev	.040586	.0019594	.0131714	.093844	.000153	.0028259
%RSD	.4244832	.3884054	1.389092	1.026254	4.292903	1.864923

#1	9.593144	.5067287	.9562811	9.134787	-.003483	.1508439
#2	9.575287	.5034036	.9330041	9.242571	-.003735	.1546326
#3	9.515640	.5032703	.9553241	9.055612	-.003460	.1491063

Sample Name: ICV Acquired: 8/5/2017 15:17:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) 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 .1443721	-.001612	.1461203	F .1263953	.1443835	.0006496
Stddev	.0027477	.004269	.0021468	.0025993	.0010104	.0000111
%RSD	1.903183	264.7827	1.469209	2.056489	.6998297	1.714962

#1	.1469930	-.005278	.1444689	.1269344	.1432907	.0006518
#2	.1446101	.003075	.1485471	.1286828	.1452840	.0006375
#3	.1415132	-.002634	.1453450	.1235687	.1445757	.0006595

Elem	Sr4077
Units	ppm
Avg	.0013990
Stddev	.0000048
%RSD	.3448311

#1	.0014023
#2	.0014012
#3	.0013935

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1210.908	2123.613	47370.34	10357.41	3386.803
Stddev	20.426	39.365	378.52	74.13	53.870
%RSD	1.686870	1.853657	.7990672	.7157096	1.590582

#1	1194.217	2091.691	47054.56	10387.55	3346.601
#2	1233.686	2111.552	47789.94	10272.96	3365.797
#3	1204.820	2167.598	47266.52	10411.72	3448.011

Sample Name: ICB Acquired: 8/5/2017 15:21:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) 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	.0028016	.0004628	.0003145	-.002861	.0000063	.0039285	-.001266
Stddev	.0018264	.0006020	.0005578	.001002	.0011939	.0012572	.000255
%RSD	65.19080	130.0864	177.3749	35.03513	18953.29	32.00308	20.12975

#1	.0015380	.0010317	.0001445	-.002137	-.000755	.0029082	-.001414
#2	.0019712	-.000168	.0009374	-.004005	-.000608	.0035442	-.001413
#3	.0048956	.000524	-.000139	-.002441	.001382	.0053330	-.000972

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000042	.0000200	-.001247	-.000468	-.000092	.0008488	-.002505
Stddev	.000088	.0000353	.004990	.000320	.000184	.0006506	.003037
%RSD	207.9983	176.0363	400.1946	68.38399	200.0564	76.64897	121.2169

#1	-.000134	.0000065	-.001292	-.000108	-.000097	.0009618	-.003596
#2	.000042	.0000600	-.006214	-.000578	.000094	.0001491	.000926
#3	-.000035	-.000006	.003766	-.000719	-.000273	.0014355	-.004846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000043	.0123310	.0000332	.0002359	-.002022	.0002629	.0013277
Stddev	.000245	.0199630	.0000621	.0001388	.038943	.0010536	.0010547
%RSD	564.6670	161.8929	187.1835	58.83436	1926.131	400.8507	79.44124

#1	-.000187	.0297605	-.000017	.0001674	-.044888	.0007873	.0001468
#2	.000239	.0166807	.000103	.0003956	.031176	-.000950	.0016602
#3	-.000182	-.009448	.000014	.0001447	.007646	.000951	.0021760

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009662	-.000056	.0001276	.0002642	-.000192	-.003223	.0010530
Stddev	.028678	.000131	.0004488	.0002631	.005210	.000657	.0006662
%RSD	296.8093	232.9558	351.7767	99.57032	2717.671	20.37490	63.26270

#1	.022271	-.000207	.0005314	.0004397	-.003918	-.003920	.0002861
#2	-.033222	.000031	.0002071	-.000038	-.002418	-.003135	.0014884
#3	-.018035	.000007	-.000356	.000391	.005762	-.002615	.0013845

Sample Name: ICB Acquired: 8/5/2017 15:21:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) 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	.0001399	.0003361	.0000745
Stddev	.0003200	.0000260	.0000009
%RSD	228.7218	7.725494	1.200090

#1	.0001678	.0003659	.0000753
#2	.0004450	.0003182	.0000748
#3	-.000193	.0003243	.0000735

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1251.059	2170.646	48857.30	10304.81	3579.670
Stddev	17.955	22.506	254.02	3.83	34.500
%RSD	1.435160	1.036851	.5199192	.0372058	.9637782

#1	1236.175	2156.189	48620.21	10303.71	3563.614
#2	1246.002	2159.172	48826.29	10309.07	3556.125
#3	1271.000	2196.577	49125.40	10301.64	3619.272

Sample Name: ICSA Acquired: 8/5/2017 15:25:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) 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	.0005104	-.012519	.0003729	-.024849	.0021296	232.1558
Stddev	.0006040	.004977	.0021055	.008161	.0017664	4.4676
%RSD	118.3422	39.75169	564.5875	32.84119	82.94242	1.924406

#1	.0008556	-.006934	.0022094	-.033637	.0015067	231.0155
#2	-.000187	-.016483	.0008345	-.017510	.0041231	228.3689
#3	.000863	-.014140	-.001925	-.023400	.0007591	237.0831

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040160	.0006910	-.001999	248.3000	.0470739	-.000115
Stddev	.0003386	.0000806	.000046	6.8142	.0008296	.000117
%RSD	8.429837	11.65938	2.281259	2.744333	1.762363	101.4253

#1	.0042220	.0007246	-.002000	247.3596	.0461422	-.000061
#2	.0042007	.0005991	-.002045	242.0049	.0477327	-.000035
#3	.0036253	.0007494	-.001953	255.5355	.0473466	-.000249

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200086	101.7702	.0140104	256.7393	.0017484	-.001501
Stddev	.0004915	2.6068	.0004528	5.7981	.0003542	.000231
%RSD	2.456337	2.561451	3.232267	2.258351	20.25558	15.36070

#1	.0195836	101.1385	.0141312	255.2207	.0014999	-.001235
#2	.0205467	99.5373	.0135094	251.8516	.0021539	-.001634
#3	.0198954	104.6348	.0143906	263.1455	.0015915	-.001635

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2791740	.0028405	.0048102	.0370472	-.015803	F -.260800
Stddev	.0527128	.0021645	.0032108	.0174939	.000141	.003503
%RSD	18.88172	76.20165	66.75074	47.22050	.8932737	1.343254

#1	.3400413	.0028816	.0047438	.0201892	-.015788	-.258208
#2	.2488819	.0049843	.0080536	.0358382	-.015669	-.259406
#3	.2485988	.0006558	.0016330	.0551142	-.015951	-.264785

Sample Name: ICSA Acquired: 8/5/2017 15:25:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) 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	-.000751	.0111538	-.006195	-.001083	-.001154	.0008647
Stddev	.000529	.0048094	.001376	.002457	.000685	.0000480
%RSD	70.48712	43.11854	22.21216	226.8458	59.36700	5.554016

#1	-.000759	.0163371	-.006560	-.003898	-.001393	.0008112
#2	-.001277	.0102884	-.004674	.000629	-.001689	.0008787
#3	-.000218	.0068359	-.007353	.000021	-.000382	.0009041

Elem	Sr4077
Units	ppm
Avg	.0116215
Stddev	.0002200
%RSD	1.893422

#1	.0115582
#2	.0114401
#3	.0118663

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1133.563	1932.563	43425.18	9896.282	2687.423
Stddev	8.292	13.127	361.27	159.025	19.857
%RSD	.7314806	.6792552	.8319370	1.606919	.7388728

#1	1142.932	1917.648	43828.10	9912.309	2664.852
#2	1130.587	1942.358	43317.31	10046.69	2702.202
#3	1127.170	1937.685	43130.14	9729.85	2695.215

Sample Name: ICSAB Acquired: 8/5/2017 15:34:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) 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	.1001056	.1032415	.0485567	.0214071	.5634953	233.7319
Stddev	.0021726	.0028581	.0014850	.0010578	.0069486	2.3426
%RSD	2.170284	2.768315	3.058194	4.941216	1.233116	1.002275

#1	.0979668	.1026153	.0469964	.0226012	.5696130	234.7939
#2	.1000396	.1007485	.0487208	.0205877	.5649322	231.0464
#3	.1023104	.1063607	.0499527	.0210323	.5559405	235.3555

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5074752	.4806475	.9843703	248.6106	.5590608	.4910196
Stddev	.0051400	.0033418	.0029564	1.7076	.0111341	.0017261
%RSD	1.012859	.6952687	.3003318	.6868646	1.991576	.3515409

#1	.5104505	.4780781	.9869140	247.3311	.5488217	.4923726
#2	.5015401	.4794389	.9850701	247.9512	.5574470	.4916105
#3	.5104351	.4844254	.9811268	250.5497	.5709138	.4890756

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5248136	101.9501	.5268736	257.1600	.9644506	.2082212
Stddev	.0069213	.8154	.0023150	1.8479	.0063816	.0025882
%RSD	1.318817	.7998364	.4393764	.7185790	.6616797	1.243025

#1	.5280116	101.6162	.5252777	257.1573	.9673350	.2054139
#2	.5168716	101.3546	.5258144	255.3135	.9688806	.2087370
#3	.5295577	102.8795	.5295286	259.0093	.9571360	.2105128

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2553793	.5048380	.9901737	-.019772	-.020062	F -.264717
Stddev	.0287316	.0060395	.0175075	.009332	.000271	.001508
%RSD	11.25056	1.196318	1.768121	47.19745	1.349229	.5698306

#1	.2728424	.5042322	.9729903	-.026716	-.020152	-.263272
#2	.2222185	.4991243	.9895427	-.023437	-.019758	-.264597
#3	.2710769	.5111575	1.007988	-.009164	-.020276	-.266281

Sample Name: ICSAB Acquired: 8/5/2017 15:34:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) 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	-.000904	.0007870	-.006297	-.003393	-.001990	.0004967
Stddev	.000289	.0043983	.000178	.001818	.000635	.0000760
%RSD	32.00811	558.8882	2.823986	53.57524	31.90900	15.29234

#1	-.000722	-.003201	-.006497	-.005483	-.002328	.0004100
#2	-.000753	.000058	-.006156	-.002507	-.002385	.0005283
#3	-.001238	.005504	-.006240	-.002188	-.001258	.0005517

Elem	Sr4077
Units	ppm
Avg	.0117154
Stddev	.0000881
%RSD	.7523224

#1	.0117149
#2	.0116275
#3	.0118038

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1086.671	1914.265	42365.56	9859.921	2666.187
Stddev	8.131	25.986	268.72	87.046	27.014
%RSD	.7482059	1.357509	.6342871	.8828291	1.013214

#1	1086.538	1903.722	42441.13	9765.673	2651.912
#2	1094.867	1895.208	42588.40	9937.296	2649.305
#3	1078.608	1943.866	42067.15	9876.793	2697.344

Sample Name: CCV091 Acquired: 8/5/2017 15:38:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.873445	4.732511	24.32236	4.736671	4.792457	387.9557
Stddev	.065845	.034958	.12459	.050250	.044137	3.7714
%RSD	1.351096	.7386881	.5122457	1.060870	.9209732	.9721090

#1	4.944275	4.756716	24.42189	4.783406	4.836737	383.6130
#2	4.861963	4.748384	24.36256	4.743083	4.792171	389.8465
#3	4.814095	4.692432	24.18264	4.683522	4.748464	390.4076

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.593092	.4763284	2.504569	408.5816	15.02113	2.493925
Stddev	.069750	.0006567	.007917	2.4931	.05424	.012878
%RSD	.7270856	.1378556	.3161190	.6101954	.3610807	.5163702

#1	9.542354	.4769627	2.509480	408.7416	14.96591	2.506054
#2	9.672630	.4756515	2.508791	406.0123	15.07433	2.495309
#3	9.564292	.4763708	2.495435	410.9909	15.02314	2.480410

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.16433	406.6857	14.39064	407.8847	2.406734	1.304703
Stddev	.00643	2.0796	.08535	1.8312	.009523	.005304
%RSD	.0424051	.5113514	.5930760	.4489613	.3956622	.4065619

#1	15.15766	406.5556	14.40751	407.5507	2.411312	1.299405
#2	15.16485	404.6742	14.29812	406.2434	2.413103	1.310014
#3	15.17049	408.8272	14.46629	409.8599	2.395787	1.304691

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	405.5884	2.343792	15.55752	141.5245	5.167176	F 4.041020
Stddev	2.0152	.010229	.12580	.2762	.038743	.008023
%RSD	.4968608	.4364469	.8086071	.1951388	.7497895	.1985370

#1	404.6467	2.343384	15.57964	141.2163	5.208696	4.047292
#2	404.2164	2.333773	15.42213	141.6076	5.160842	4.031980
#3	407.9020	2.354220	15.67079	141.7496	5.131991	4.043790

Sample Name: CCV091 Acquired: 8/5/2017 15:38:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.770563	4.985910	4.695995	4.830831	4.928208	4.930193
Stddev	.038512	.040141	.009926	.029724	.012012	.049180
%RSD	.8072911	.8050878	.2113748	.6153053	.2437308	.9975198

#1	4.807137	5.028505	4.705555	4.859803	4.915149	4.976879
#2	4.774184	4.980439	4.685739	4.832281	4.930690	4.934848
#3	4.730368	4.948785	4.696692	4.800408	4.938785	4.878850

Elem	Sr4077
Units	ppm
Avg	4.822533
Stddev	.017914
%RSD	.3714646

#1	4.821269
#2	4.841045
#3	4.805284

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1006.179	1734.793	40091.13	9704.324	2221.727
Stddev	.082	16.667	137.66	7.624	13.875
%RSD	.0081025	.9607570	.3433712	.0785611	.6245207

#1	1006.216	1717.491	40247.68	9711.001	2207.959
#2	1006.085	1736.144	39988.98	9696.017	2221.515
#3	1006.235	1750.743	40036.74	9705.954	2235.707

Sample Name: CCB091 Acquired: 8/5/2017 15:42:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000702	.0008835	.0001671	-.001842	.0006785	.0016312	-.001217
Stddev	.000299	.0006195	.0006886	.002494	.0012953	.0044792	.000820
%RSD	42.57711	70.11784	412.1146	135.3727	190.9017	274.5897	67.35142

#1	-.000626	.0014216	-.000536	.001000	-.000724	.0064614	-.000339
#2	-.001032	.0010228	.000196	-.002864	.000930	-.002385	-.001963
#3	-.000449	.0002063	.000841	-.003663	.001829	.000818	-.001349

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000001	.0000729	-.004774	-.000502	-.000039	.0014035	.0016784
Stddev	.000059	.0000672	.004292	.000285	.000137	.0002397	.0075492
%RSD	7725.600	92.10612	89.91799	56.80870	348.3658	17.08133	449.7845

#1	.000059	.0000499	-.000321	-.000174	.000093	.0016639	.0099527
#2	-.000058	.0001486	-.008886	-.000691	-.000031	.0013547	-.004834
#3	-.000004	.0000203	-.005114	-.000642	-.000181	.0011920	-.000084

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001811	.0097437	.0004380	.0003247	.0924764	.0010210	.0013867
Stddev	.0001054	.0182279	.0001759	.0001438	.0714581	.0020041	.0021174
%RSD	58.22277	187.0735	40.15133	44.28050	77.27181	196.2959	152.6909

#1	.0001474	-.007141	.0004442	.0002754	.1713691	.0018535	.0033267
#2	.0000966	.029069	.0006107	.0002121	.0320963	.0024745	-.000872
#3	.0002992	.007302	.0002591	.0004867	.0739637	-.001265	.001705

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002493	.0001773	.0012509	.0002399	.0037396	-.004041	.0005704
Stddev	.022044	.0003647	.0009449	.0001004	.0034093	.001301	.0005345
%RSD	884.1984	205.6663	75.54175	41.86471	91.16858	32.19384	93.71653

#1	-.013768	.0005781	.0004761	.0002650	.0006911	-.005501	.0004540
#2	-.016619	-.000135	.0023036	.0003253	.0074211	-.003004	.0011536
#3	.022908	.000089	.0009730	.0001293	.0031066	-.003619	.0001036

Sample Name: CCB091 Acquired: 8/5/2017 15:42:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB091 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000062	.0005706	.0001086
Stddev	.000213	.0000532	.0000059
%RSD	342.0900	9.329533	5.402872

#1	.000040	.0005226	.0001103
#2	.000081	.0006279	.0001135
#3	-.000308	.0005615	.0001021

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1234.895	2139.616	48541.10	11148.39	3544.103
Stddev	14.426	26.458	293.33	812.45	45.208
%RSD	1.168195	1.236592	.6042828	7.287570	1.275576

#1	1237.947	2128.076	48440.63	12044.01	3513.116
#2	1219.187	2120.887	48311.20	10458.77	3523.214
#3	1247.551	2169.884	48871.45	10942.40	3595.977

Sample Name: I4406-02 Acquired: 8/5/2017 15:46:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2036204	-.041411	.3447955	-.086589	.0120226	78.34501	.9878825
Stddev	.0046020	.002566	.0036014	.006884	.0018351	1.03526	.0126374
%RSD	2.260078	6.195470	1.044507	7.950647	15.26382	1.321414	1.279239

#1	.2088401	-.042465	.3432381	-.079681	.0100190	77.17769	.9734006
#2	.2018733	-.038486	.3489135	-.093450	.0124272	78.70556	.9935711
#3	.2001478	-.043282	.3422348	-.086636	.0136217	79.15179	.9966757

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036075	.0176104	74.30616	.1685237	.1278538	.5241732	376.1325
Stddev	.0001109	.0002194	.86517	.0125965	.0005382	.0081609	4.7767
%RSD	3.074471	1.246051	1.164326	7.474632	.4209543	1.556905	1.269959

#1	.0034823	.0176467	73.53657	.1678881	.1275078	.5150524	371.6651
#2	.0036936	.0178094	74.13930	.1814259	.1284738	.5266823	375.5646
#3	.0036465	.0173750	75.24260	.1562570	.1275796	.5307849	381.1678

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.146697	52.17007	.2970479	-.006722	3.407141	.2361454	1.326360
Stddev	.066188	.62304	.0019955	.002162	.052099	.0034544	.070300
%RSD	1.286029	1.194239	.6717804	32.15882	1.529123	1.462835	5.300190

#1	5.085650	51.61660	.2957213	-.006591	3.348765	.2325536	1.311651
#2	5.137399	52.04878	.2993428	-.008945	3.423739	.2364388	1.402850
#3	5.217042	52.84483	.2960795	-.004628	3.448919	.2394437	1.264578

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.23226	.9541232	-.929373	.0044515	4.608439	9.824101	.0247344
Stddev	.19551	.0075576	.006599	.0000427	.038723	.067165	.0005056
%RSD	1.598354	.7921037	.7100851	.9585970	.8402600	.6836807	2.043975

#1	12.00977	.9523516	-.926410	.0044996	4.586441	9.752803	.0241640
#2	12.31039	.9624092	-.936934	.0044181	4.653151	9.886181	.0249121
#3	12.37663	.9476087	-.924774	.0044369	4.585727	9.833319	.0251272

Sample Name: I4406-02 Acquired: 8/5/2017 15:46:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2X1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.770740	.0089970	.0546534
Stddev	.032951	.0001133	.0006887
%RSD	1.189232	1.259591	1.260054

#1	2.734583	.0088782	.0538767
#2	2.778558	.0091039	.0548941
#3	2.799078	.0090089	.0551894

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1172.625	2074.351	47272.27	11241.49	2839.372
Stddev	66.412	9.527	2611.82	80.23	10.395
%RSD	5.663503	.4592885	5.525049	.7137162	.3660983

#1	1180.179	2067.388	47557.70	11327.53	2839.322
#2	1102.759	2070.457	44529.46	11228.24	2829.002
#3	1234.936	2085.209	49729.65	11168.72	2849.791

Sample Name: I4406-06 Acquired: 8/5/2017 15:50:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3043959	-.073017	.3466644	-.127276	.0144666	68.38549	.6264764
Stddev	.0087123	.002311	.0033906	.000593	.0019051	.30306	.0015943
%RSD	2.862158	3.165124	.9780512	.4660970	13.16911	.4431603	.2544838

#1	.3097627	-.070947	.3503375	-.126707	.0126441	68.03707	.6246365
#2	.3090815	-.075510	.3460015	-.127230	.0143107	68.58796	.6274505
#3	.2943435	-.072593	.3436543	-.127891	.0164448	68.53142	.6273421

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050811	-.003224	45.76568	.1223585	.1691414	.5427095	574.2669
Stddev	.0002206	.000377	.04341	.0003774	.0012737	.0016756	.8213
%RSD	4.340809	11.70135	.0948466	.3084697	.7530074	.3087529	.1430122

#1	.0049587	-.002833	45.71738	.1224378	.1706099	.5408764	573.3320
#2	.0053357	-.003586	45.80142	.1219477	.1683377	.5430899	574.8718
#3	.0049489	-.003253	45.77824	.1226900	.1684765	.5441622	574.5970

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.513311	39.51699	.3539180	.0046009	6.498868	.1644070	.9228311
Stddev	.017610	.12752	.0013181	.0002721	.090707	.0022382	.0056631
%RSD	.2703684	.3227025	.3724191	5.914582	1.395736	1.361367	.6136673

#1	6.494421	39.36999	.3554004	.0044138	6.395762	.1660789	.9170028
#2	6.529273	39.58314	.3528782	.0044759	6.534465	.1618643	.9231773
#3	6.516239	39.59785	.3534754	.0049131	6.566377	.1652779	.9283132

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.004873	.5626306	-1.45604	.0010438	8.881256	13.19779	.0906427
Stddev	.058326	.0035406	.00287	.0002873	.042218	.05448	.0012042
%RSD	.6477157	.6292939	.1971049	27.51911	.4753634	.4127593	1.328471

#1	8.939079	.5662465	-1.45365	.0007314	8.929768	13.14479	.0919625
#2	9.050230	.5624750	-1.45922	.0012964	8.861160	13.25363	.0903618
#3	9.025311	.5591704	-1.45526	.0011037	8.852839	13.19497	.0896039

Sample Name: I4406-06 Acquired: 8/5/2017 15:50:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.361371	.0063342	.0241557
Stddev	.006252	.0000147	.0000683
%RSD	.4592089	.2326263	.2827437

#1	1.358520	.0063175	.0240957
#2	1.368540	.0063455	.0242300
#3	1.357053	.0063395	.0241414

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1279.387	2182.176	51205.39	11738.79	2830.955
Stddev	1.784	29.910	148.55	34.48	29.893
%RSD	.1394669	1.370643	.2901051	.2937508	1.055918

#1	1279.859	2172.090	51035.47	11742.88	2818.693
#2	1277.414	2158.612	51310.68	11702.44	2809.143
#3	1280.888	2215.825	51270.02	11771.04	2865.029

Sample Name: I4406-07 Acquired: 8/5/2017 15:54:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1615988	-.033964	.6664905	-.057432	.0106604	40.64220	.5541422
Stddev	.0035431	.000978	.0030191	.001877	.0004617	.13701	.0010022
%RSD	2.192526	2.880459	.4529770	3.268600	4.330945	.3371089	.1808633

#1	.1650201	-.034204	.6646067	-.057193	.0105719	40.56911	.5541243
#2	.1579454	-.032889	.6648921	-.055686	.0111600	40.55724	.5531491
#3	.1618310	-.034801	.6699727	-.059417	.0102494	40.80026	.5551533

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042287	.0074591	35.69633	.0729764	.1818625	.4427512	280.6707
Stddev	.0000815	.0001076	.27235	.0005891	.0013004	.0024084	1.3459
%RSD	1.927526	1.442622	.7629712	.8072446	.7150243	.5439720	.4795187

#1	.0041644	.0074643	35.43464	.0734743	.1818609	.4445415	279.4075
#2	.0043204	.0073490	35.67611	.0731289	.1831636	.4400130	280.5184
#3	.0042014	.0075640	35.97822	.0723261	.1805629	.4436991	282.0863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.602544	22.01365	.2046049	-.003194	1.758405	.1038786	2.334990
Stddev	.019852	.05435	.0011096	.000443	.100066	.0013685	.015882
%RSD	.4313228	.2468780	.5422958	13.86167	5.690702	1.317357	.6801798

#1	4.589589	21.97732	.2052227	-.003667	1.723344	.1028414	2.350457
#2	4.592643	21.98750	.2052681	-.002789	1.871284	.1033648	2.335790
#3	4.625399	22.07613	.2033240	-.003125	1.680588	.1054296	2.318723

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.526803	.5051021	-.669533	.0043546	2.095757	9.660880	.1443671
Stddev	.034987	.0005435	.003273	.0001012	.003365	.064072	.0031915
%RSD	.6330496	.1076102	.4889166	2.324233	.1605478	.6632113	2.210704

#1	5.499857	.5057246	-.670049	.0043231	2.097545	9.625312	.1420928
#2	5.566344	.5047217	-.666032	.0042730	2.097850	9.622483	.1480155
#3	5.514207	.5048598	-.672517	.0044679	2.091876	9.734846	.1429931

Sample Name: I4406-07 Acquired: 8/5/2017 15:54:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9097135	.0032172	.0186783
Stddev	.0033254	.0000439	.0000819
%RSD	.3655482	1.364443	.4385597

#1	.9094427	.0032171	.0187272
#2	.9065317	.0031733	.0185838
#3	.9131661	.0032611	.0187240

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1236.830	2148.048	49355.84	11087.55	3061.211
Stddev	13.259	11.464	287.32	41.33	6.361
%RSD	1.072032	.5336938	.5821297	.3727914	.2077996

#1	1223.483	2134.925	49034.80	11077.60	3053.897
#2	1237.006	2156.116	49588.81	11132.96	3064.276
#3	1250.000	2153.103	49443.91	11052.11	3065.458

Sample Name: I4406-08 Acquired: 8/5/2017 15:58:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2890730	-.040508	.2787905	-.069874	.0110344	73.11662	.8209996
Stddev	.0039249	.001882	.0036213	.005454	.0008493	.18296	.0008478
%RSD	1.357750	4.645469	1.298944	7.806085	7.696468	.2502244	.1032601

#1	.2892165	-.038666	.2787962	-.065789	.0100739	73.13368	.8219247
#2	.2850783	-.040432	.2751662	-.067765	.0116859	73.29045	.8208140
#3	.2929241	-.042427	.2824089	-.076068	.0113433	72.92574	.8202599

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037388	-.001330	42.53407	.1297566	.1667585	.4641550	341.1703
Stddev	.0000273	.000124	.19884	.0008957	.0026908	.0007844	1.0002
%RSD	.7301845	9.341158	.4674733	.6903162	1.613568	.1689979	.2931638

#1	.0037119	-.001307	42.75197	.1299397	.1672611	.4650607	342.2034
#2	.0037665	-.001465	42.48779	.1305467	.1638518	.4637019	341.1009
#3	.0037380	-.001219	42.36246	.1287835	.1691625	.4637022	340.2067

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.789854	41.39160	.3642669	-.005032	2.435922	.1923467	.8704740
Stddev	.037892	.10317	.0057507	.000358	.045058	.0015463	.0012078
%RSD	.5580747	.2492437	1.578706	7.104770	1.849721	.8039018	.1387462

#1	6.833123	41.50278	.3638671	-.005305	2.467726	.1941186	.8709811
#2	6.773852	41.37306	.3587266	-.005163	2.384361	.1912703	.8690954
#3	6.762588	41.29896	.3702071	-.004627	2.455679	.1916512	.8713455

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.922052	.7429363	-.829706	.0017867	3.065277	13.77485	.0181014
Stddev	.086860	.0130339	.009361	.0006675	.050510	.16960	.0018268
%RSD	.9735481	1.754376	1.128254	37.35967	1.647820	1.231196	10.09173

#1	8.947676	.7479883	-.835687	.0023657	3.077386	13.92391	.0198782
#2	8.993217	.7281327	-.834513	.0019379	3.009813	13.81032	.0162285
#3	8.825261	.7526880	-.818918	.0010566	3.108633	13.59033	.0181976

Sample Name: I4406-08 Acquired: 8/5/2017 15:58:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2X5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.781253	.0067396	.0240942
Stddev	.004639	.0000577	.0000489
%RSD	.2604157	.8563483	.2029833

#1	1.786481	.0068056	.0241268
#2	1.779646	.0067142	.0241179
#3	1.777631	.0066989	.0240380

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1289.237	2248.076	51250.31	11655.08	2951.972
Stddev	2.546	21.185	270.37	67.63	35.695
%RSD	.1975191	.9423631	.5275554	.5802394	1.209176

#1	1288.842	2243.767	51431.59	11584.79	2947.159
#2	1291.958	2271.084	51379.80	11660.78	2989.829
#3	1286.911	2229.376	50939.54	11719.68	2918.928

Sample Name: I4406-09 Acquired: 8/5/2017 16:02:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1494174	-.020669	30.45214	-.044484	.3017810	31.52982	.3062631
Stddev	.0094325	.000148	.08721	.005877	.0035155	.91218	.0094021
%RSD	6.312830	.7170562	.2863850	13.21114	1.164925	2.893086	3.069952

#1	.1578362	-.020807	30.55089	-.045437	.3058399	32.55876	.3169450
#2	.1511926	-.020687	30.38567	-.049827	.2998078	30.82031	.2992421
#3	.1392235	-.020512	30.41987	-.038189	.2996953	31.21039	.3026022

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020551	-.001849	25.86134	.0680745	.0838597	.3079848	197.2067
Stddev	.0000626	.000252	.64804	.0005935	.0003642	.0088644	5.3378
%RSD	3.046083	13.63213	2.505836	.8719159	.4343363	2.878179	2.706716

#1	.0021180	-.002132	26.57231	.0673990	.0842255	.3175318	203.1749
#2	.0020545	-.001649	25.30373	.0685125	.0834971	.3000148	192.8894
#3	.0019928	-.001765	25.70798	.0683121	.0838567	.3064078	195.5556

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.933324	25.18618	.2042329	-.001656	1.131540	.0968263	.3782703
Stddev	.102984	.71355	.0007604	.000373	.026111	.0029674	.0023160
%RSD	2.618240	2.833104	.3723374	22.53473	2.307597	3.064699	.6122562

#1	4.048632	25.99336	.2046771	-.001226	1.161690	.1000739	.3793411
#2	3.850496	24.63939	.2046668	-.001888	1.116281	.0942562	.3798570
#3	3.900844	24.92581	.2033549	-.001855	1.116648	.0961487	.3756126

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.006155	.4729370	-.494857	-.000013	1.127811	8.370579	.0298825
Stddev	.112655	.0031036	.011252	.000050	.004232	.183102	.0009123
%RSD	2.812036	.6562282	2.273840	386.9623	.3752730	2.187451	3.052857

#1	4.133997	.4762290	-.507597	.000024	1.122926	8.581354	.0288374
#2	3.921416	.4700646	-.486277	.000007	1.130154	8.250811	.0302906
#3	3.963054	.4725174	-.490697	-.000070	1.130355	8.279571	.0305195

Sample Name: I4406-09 Acquired: 8/5/2017 16:02:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.041096	.0029202	.0134715
Stddev	.031272	.0000797	.0003920
%RSD	3.003758	2.729677	2.909493

#1	1.076264	.0030110	.0139121
#2	1.016417	.0028878	.0131616
#3	1.030606	.0028618	.0133409

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1273.705	2187.557	50207.38	11172.82	3147.490
Stddev	9.252	20.202	224.88	245.22	18.112
%RSD	.7264188	.9234850	.4478944	2.194809	.5754342

#1	1263.021	2166.003	49978.55	10894.93	3127.631
#2	1279.088	2190.611	50428.08	11358.84	3151.741
#3	1279.005	2206.059	50215.51	11264.69	3163.098

Sample Name: I4406-10 Acquired: 8/5/2017 16:06:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1535366	-.024475	5.032193	-.043148	.0376802	34.06345	.2990728
Stddev	.0011686	.000425	.036426	.003949	.0001826	.11137	.0006546
%RSD	.7610947	1.738149	.7238659	9.153078	.4847249	.3269617	.2188617

#1	.1542369	-.024060	5.010702	-.044804	.0375742	34.12026	.2986966
#2	.1521876	-.024455	5.074251	-.045999	.0375754	34.13495	.2998286
#3	.1541853	-.024910	5.011626	-.038640	.0378911	33.93512	.2986932

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021228	-.001848	36.82125	.0750465	.0887862	.4131539	210.6003
Stddev	.0001193	.000150	.08671	.0004705	.0007393	.0031118	.9489
%RSD	5.620898	8.143150	.2354939	.6269667	.8326296	.7531733	.4505897

#1	.0022542	-.001924	36.82120	.0746025	.0888045	.4107719	210.8235
#2	.0020212	-.001675	36.90798	.0755397	.0895161	.4166746	211.4177
#3	.0020931	-.001945	36.73456	.0749975	.0880379	.4120152	209.5596

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.132680	30.11454	.2162672	-.002937	1.175177	.0987658	.4288208
Stddev	.0111131	.07172	.0011850	.000398	.118113	.0008343	.0055934
%RSD	.2693439	.2381417	.5479165	13.55676	10.05065	.8447096	1.304370

#1	4.136055	30.07309	.2162390	-.003281	1.309945	.0994364	.4340269
#2	4.141734	30.19735	.2174660	-.003031	1.089657	.0978316	.4295282
#3	4.120253	30.07318	.2150966	-.002501	1.125930	.0990295	.4229074

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.217443	.5230108	-.530790	.0007218	2.268166	7.916839	.0107879
Stddev	.030141	.0018507	.001776	.0004972	.015873	.020940	.0003969
%RSD	.7146766	.3538471	.3345284	68.88423	.6997949	.2644950	3.679106

#1	4.184188	.5209881	-.529481	.0003487	2.266844	7.907629	.0108294
#2	4.242962	.5246193	-.532811	.0012862	2.284659	7.940805	.0103719
#3	4.225180	.5234249	-.530078	.0005304	2.252996	7.902083	.0111625

Sample Name: I4406-10 Acquired: 8/5/2017 16:06:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Z8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.020825	.0031477	.0181069
Stddev	.004055	.0000426	.0000782
%RSD	.3972576	1.351951	.4317735

#1	1.018835	.0031394	.0180518
#2	1.025490	.0031100	.0181964
#3	1.018149	.0031939	.0180725

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1262.112	2142.839	50001.67	11155.51	3068.800
Stddev	7.490	2.548	55.84	46.30	5.163
%RSD	.5934234	.1188953	.1116666	.4150280	.1682471

#1	1253.949	2142.101	49999.47	11156.98	3070.574
#2	1263.720	2145.674	49946.97	11108.50	3062.984
#3	1268.668	2140.741	50058.58	11201.06	3072.843

Sample Name: I4406-11 Acquired: 8/5/2017 16:10:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1770052	-.022536	1.166266	-.047339	.0095306	51.82702	.7696629
Stddev	.0074828	.001846	.012129	.005863	.0011863	.23196	.0030654
%RSD	4.227453	8.192448	1.039966	12.38510	12.44703	.4475650	.3982746

#1	.1854034	-.023124	1.152282	-.041303	.0106182	51.56046	.7663879
#2	.1745656	-.020468	1.172603	-.047702	.0097080	51.98299	.7701377
#3	.1710467	-.024017	1.173914	-.053012	.0082656	51.93761	.7724632

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021799	.0083491	80.77908	.1132461	.0921809	.4930862	216.6909
Stddev	.0001166	.0002573	.13882	.0011248	.0009248	.0020751	.5439
%RSD	5.350436	3.081886	.1718549	.9932403	1.003238	.4208373	.2509830

#1	.0022428	.0082720	80.70862	.1124402	.0912981	.4934624	216.1017
#2	.0020453	.0086362	80.68962	.1127669	.0921020	.4908487	216.7972
#3	.0022515	.0081392	80.93901	.1145311	.0931426	.4949474	217.1737

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.630197	36.72092	.2218560	-.002408	2.540914	.1565081	1.672134
Stddev	.019846	.04510	.0020841	.000181	.029883	.0041867	.022480
%RSD	.4286145	.1228149	.9394022	7.526989	1.176056	2.675092	1.344416

#1	4.618656	36.69552	.2195249	-.002242	2.572827	.1517618	1.647781
#2	4.618823	36.69426	.2225034	-.002601	2.513594	.1580857	1.692092
#3	4.653113	36.77299	.2235395	-.002380	2.536320	.1596768	1.676529

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.72468	.7738419	-.513598	.0035157	3.678873	9.341350	.0278490
Stddev	.07436	.0068412	.007379	.0002961	.035167	.043202	.0016959
%RSD	.6933903	.8840539	1.436717	8.420778	.9559166	.4624814	6.089520

#1	10.63910	.7660222	-.507129	.0037700	3.638295	9.336954	.0259197
#2	10.77352	.7767811	-.512029	.0031907	3.697834	9.300514	.0285233
#3	10.76143	.7787222	-.521635	.0035864	3.700491	9.386582	.0291040

Sample Name: I4406-11 Acquired: 8/5/2017 16:10:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.921037	.0056377	.0407740
Stddev	.007133	.0000629	.0002241
%RSD	.3713144	1.116619	.5495882

#1	1.917898	.0055654	.0406000
#2	1.916011	.0056801	.0406952
#3	1.929201	.0056677	.0410269

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1209.537	2097.235	48640.56	11270.86	2938.610
Stddev	14.231	9.653	526.79	45.90	17.798
%RSD	1.176600	.4602639	1.083017	.4072708	.6056547

#1	1225.928	2107.729	49102.47	11300.15	2959.160
#2	1202.364	2095.241	48752.34	11294.48	2928.544
#3	1200.320	2088.735	48066.85	11217.96	2928.126

Sample Name: I4406-12 Acquired: 8/5/2017 16:14:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1731208	-.023558	.1772542	-.045561	.0070916	44.46821	.4220410
Stddev	.0063700	.001316	.0015521	.000864	.0001652	.21584	.0011678
%RSD	3.679519	5.587235	.8756100	1.896134	2.328895	.4853739	.2766986

#1	.1660715	-.022594	.1790233	-.044580	.0072703	44.21962	.4208711
#2	.1784642	-.025057	.1766180	-.045896	.0069446	44.57715	.4220452
#3	.1748266	-.023022	.1761213	-.046208	.0070600	44.60787	.4232067

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021284	-.001243	26.01170	.0776600	.0907402	.2902888	203.2343
Stddev	.0000890	.000061	.02379	.0001887	.0003192	.0011586	.7423
%RSD	4.181719	4.899221	.0914648	.2430353	.3518103	.3991348	.3652498

#1	.0020530	-.001222	25.99647	.0776490	.0910672	.2890172	202.4351
#2	.0022266	-.001312	26.03912	.0774770	.0907240	.2912848	203.9022
#3	.0021056	-.001196	25.99952	.0778540	.0904294	.2905643	203.3655

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.995179	25.20231	.2022538	-.002797	2.644954	.1144563	.4968453
Stddev	.015473	.09760	.0017040	.000180	.067282	.0034740	.0026720
%RSD	.3097667	.3872720	.8424943	6.438751	2.543770	3.035257	.5377957

#1	4.979494	25.09454	.2034677	-.002791	2.573550	.1108560	.4986898
#2	5.010432	25.22764	.2029880	-.002620	2.707168	.1177886	.4980650
#3	4.995612	25.28475	.2003058	-.002980	2.654145	.1147242	.4937811

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.348326	.4239745	-.486926	.0015206	1.271773	8.701190	.0071159
Stddev	.051740	.0019750	.002193	.0000752	.002068	.034250	.0025892
%RSD	.8150134	.4658424	.4503337	4.946806	.1626133	.3936253	36.38654

#1	6.294598	.4248762	-.488045	.0016034	1.274082	8.720264	.0043656
#2	6.397817	.4253378	-.488333	.0015021	1.271149	8.721657	.0074758
#3	6.352563	.4217096	-.484400	.0014564	1.270090	8.661650	.0095064

Sample Name: I4406-12 Acquired: 8/5/2017 16:14:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.073431	.0037623	.0147796
Stddev	.002619	.0000303	.0000476
%RSD	.2440059	.8051363	.3223636

#1	1.074139	.0037935	.0147434
#2	1.075623	.0037330	.0148335
#3	1.070530	.0037603	.0147617

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1259.738	2191.822	50122.45	11305.82	3110.561
Stddev	6.076	5.952	133.62	37.78	14.401
%RSD	.4823066	.2715460	.2665826	.3341904	.4629637

#1	1256.860	2191.161	50238.00	11303.73	3100.404
#2	1255.637	2186.229	49976.13	11269.13	3104.238
#3	1266.718	2198.077	50153.21	11344.61	3127.042

Sample Name: I4406-13 Acquired: 8/5/2017 16:18:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1353808	-.011582	.3405708	-.037082	.0071487	61.83175	.7480875
Stddev	.0071473	.002503	.0048881	.006912	.0015992	.52683	.0043120
%RSD	5.279428	21.61276	1.435258	18.63984	22.37058	.8520458	.5764003

#1	.1284125	-.012291	.3451746	-.042561	.0088719	61.95613	.7487100
#2	.1350353	-.013655	.3410967	-.039369	.0068617	61.25386	.7434981
#3	.1426946	-.008801	.3354410	-.029316	.0057124	62.28527	.7520544

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019909	.0013098	68.16013	.1417152	.0822472	.2839753	181.6777
Stddev	.0000860	.0000456	.59388	.0004930	.0011488	.0021631	1.7640
%RSD	4.317200	3.484911	.8713055	.3479007	1.396808	.7617198	.9709329

#1	.0019306	.0012573	68.29731	.1416686	.0828666	.2859031	182.4328
#2	.0020893	.0013401	67.50965	.1422299	.0829533	.2816360	179.6619
#3	.0019529	.0013319	68.67341	.1412471	.0809215	.2843868	182.9384

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.657812	43.15895	.2195353	-.002094	2.815388	.2046218	.8434870
Stddev	.038179	.43300	.0030020	.000440	.091342	.0024644	.0111622
%RSD	1.043774	1.003261	1.367448	21.02920	3.244382	1.204356	1.323339

#1	3.671547	43.28030	.2210161	-.002157	2.840003	.2032085	.8563744
#2	3.614666	42.67822	.2215092	-.002500	2.714261	.2031895	.8368684
#3	3.687224	43.51832	.2160806	-.001626	2.891900	.2074674	.8372183

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.914301	.5487989	-.453305	.0011617	1.747090	11.01718	.0071853
Stddev	.108488	.0050681	.002871	.0003047	.021266	.07331	.0008864
%RSD	1.094263	.9234926	.6332610	26.23111	1.217245	.6654524	12.33666

#1	9.916556	.5497318	-.455868	.0013072	1.757383	11.09933	.0078526
#2	9.804703	.5533357	-.450203	.0008115	1.761252	10.99382	.0061795
#3	10.02164	.5433291	-.453843	.0013664	1.722636	10.95840	.0075237

Sample Name: I4406-13 Acquired: 8/5/2017 16:18:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.697062	.0073843	.0363535
Stddev	.013810	.0000480	.0002018
%RSD	.5120254	.6494285	.5552279

#1	2.696675	.0073437	.0365094
#2	2.683450	.0073720	.0361255
#3	2.711061	.0074372	.0364256

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1218.854	2100.008	48138.60	10968.74	2978.619
Stddev	7.594	20.739	174.22	94.31	30.027
%RSD	.6230772	.9875641	.3619125	.8597908	1.008085

#1	1225.329	2090.241	48224.66	10894.96	2964.934
#2	1220.737	2085.955	48253.05	11075.00	2957.872
#3	1210.495	2123.827	47938.10	10936.26	3013.051

Sample Name: I4406-14 Acquired: 8/5/2017 16:22:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1801223	-.100133	.7044755	-.183361	.0237440	60.12046
Stddev	.0052874	.001431	.0048520	.008703	.0010112	.44514
%RSD	2.935447	1.428626	.6887332	4.746202	4.258578	.7404196

#1	.1747315	-.098536	.7080878	-.190191	.0227322	59.78096
#2	.1852998	-.100564	.7063782	-.186329	.0247545	59.95597
#3	.1803355	-.101298	.6989606	-.173562	.0237453	60.62444

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6790620	.0060822	-.002360	60.52435	.4531331	.1403097
Stddev	.0061828	.0000653	.000336	.55417	.0405684	.0004960
%RSD	.9104962	1.073953	14.24219	.9156085	8.952877	.3534970

#1	.6765033	.0060832	-.002151	60.17194	.4625610	.1400368
#2	.6745693	.0061470	-.002180	60.23800	.4881576	.1400100
#3	.6861135	.0060164	-.002747	61.16311	.4086809	.1408822

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.754664	F 815.8471	6.437899	39.57821	.5612210	-.010489
Stddev	.016335	6.9016	.066913	.27870	.0015696	.004901
%RSD	.9309518	.8459370	1.039368	.7041648	.2796718	46.72854

#1	1.745434	810.6543	6.397744	39.41306	.5630165	-.011805
#2	1.745032	813.2083	6.400809	39.42159	.5601098	-.014598
#3	1.773524	823.6787	6.515144	39.89998	.5605365	-.005064

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.952892	.1948326	.8373097	9.191260	.5493607	-2.11253
Stddev	.039816	.0041592	.0543875	.045751	.0030544	.01131
%RSD	.8038991	2.134782	6.495505	.4977619	.5559971	.5355090

#1	4.906931	.1904311	.8488949	9.146582	.5526662	-2.10754
#2	4.974851	.1953692	.8849712	9.189185	.5487732	-2.12549
#3	4.976893	.1986976	.7780631	9.238013	.5466427	-2.10458

Sample Name: I4406-14 Acquired: 8/5/2017 16:22:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2X9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1091728	3.700949	13.02484	.4062890	2.627041	.0064828
Stddev	.0002392	.013797	.08618	.0006364	.028703	.0001485
%RSD	.2191501	.3728072	.6616656	.1566377	1.092600	2.290270

#1	.1094334	3.703977	12.97553	.4070129	2.612221	.0063745
#2	.1089630	3.712981	13.12435	.4060364	2.608777	.0064220
#3	.1091222	3.685889	12.97463	.4058177	2.660125	.0066521

Elem	Sr4077
Units	ppm
Avg	.0321295
Stddev	.0003198
%RSD	.9953251

#1	.0318818
#2	.0320162
#3	.0324905

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1200.746	2034.809	47873.86	10730.86	2775.663
Stddev	79.084	4.892	3187.56	57.54	9.454
%RSD	6.586271	.2403948	6.658249	.5362016	.3405855

#1	1175.748	2030.436	46987.30	10770.00	2765.143
#2	1137.181	2033.899	45223.42	10757.77	2778.400
#3	1289.309	2040.091	51410.85	10664.79	2783.446

Sample Name: I4406-15 Acquired: 8/5/2017 16:26:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1520279	-.051435	5.021072	-.104440	.0122620	72.56152	4.714018
Stddev	.0031652	.001189	.150819	.002859	.0020160	.40705	.013068
%RSD	2.081996	2.311711	3.003721	2.737051	16.44080	.5609714	.2772129

#1	.1549059	-.052797	5.195222	-.107714	.0132917	72.16044	4.700131
#2	.1525398	-.050605	4.934391	-.102439	.0099391	72.54982	4.715850
#3	.1486379	-.050903	4.933604	-.103167	.0135552	72.97429	4.726074

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035949	.0352326	92.83239	.2120595	.1108377	.8469731	442.3173
Stddev	.0001281	.0014960	.85098	.0004163	.0038147	.0047811	3.6091
%RSD	3.562630	4.246194	.9166889	.1963044	3.441736	.5644881	.8159496

#1	.0034593	.0369597	91.90483	.2124070	.1151778	.8420774	438.2631
#2	.0036117	.0343376	93.01528	.2115981	.1080155	.8472112	443.5091
#3	.0037137	.0344005	93.57706	.2121735	.1093199	.8516306	445.1798

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.091330	43.51078	.3210720	-.005723	5.249999	.2550969	5.666258
Stddev	.051529	.36073	.0100865	.000448	.037164	.0035833	.017404
%RSD	1.012094	.8290571	3.141492	7.824733	.7078810	1.404694	.3071479

#1	5.033261	43.11020	.3326985	-.006239	5.220648	.2534258	5.684876
#2	5.109129	43.61217	.3146624	-.005499	5.291786	.2526544	5.663500
#3	5.131601	43.80995	.3158552	-.005432	5.237563	.2592105	5.650398

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.07420	.8200601	-.956094	.0253552	7.366652	10.81856	.4046599
Stddev	.13355	.0264771	.012527	.0008894	.224031	.06905	.0134877
%RSD	1.106109	3.228681	1.310199	3.507644	3.041153	.6382732	3.333088

#1	11.96804	.8505401	-.942513	.0263594	7.624410	10.73947	.4199312
#2	12.03041	.8027551	-.967195	.0250397	7.218783	10.86689	.3943773
#3	12.22415	.8068850	-.958575	.0246666	7.256763	10.84932	.3996712

Sample Name: I4406-15 Acquired: 8/5/2017 16:26:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.012194	.0084311	.0472135
Stddev	.020877	.0000825	.0002893
%RSD	.6930924	.9782150	.6126586

#1	2.991874	.0083450	.0468849
#2	3.011120	.0084387	.0473259
#3	3.033587	.0085095	.0474296

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1189.257	2014.524	47784.50	10995.88	2786.262
Stddev	5.891	47.611	34.51	69.58	72.776
%RSD	.4953321	2.363365	.0722223	.6327565	2.611949

#1	1183.213	1959.807	47756.55	11074.57	2702.374
#2	1189.574	2046.498	47823.07	10970.54	2832.500
#3	1194.982	2037.267	47773.87	10942.52	2823.911

Sample Name: I4406-16 Acquired: 8/5/2017 16:30:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2301557	-.039384	.6973149	-.071797	.0089725	65.73856	.9919694
Stddev	.0035946	.002015	.0061296	.002887	.0016594	.18348	.0029224
%RSD	1.561793	5.116406	.8790348	4.021059	18.49380	.2791045	.2946013

#1	.2261993	-.041425	.6964532	-.075081	.0097067	65.93130	.9950414
#2	.2332208	-.039332	.7038298	-.069659	.0101382	65.71837	.9916427
#3	.2310469	-.037395	.6916617	-.070652	.0070727	65.56601	.9892242

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034270	.0020945	45.07575	.1438060	.1368232	.4820474	335.6909
Stddev	.0001486	.0001654	.08754	.0032013	.0013467	.0021673	1.0387
%RSD	4.335607	7.895170	.1941994	2.226160	.9842687	.4495987	.3094070

#1	.0034769	.0020716	45.16065	.1415947	.1361100	.4822525	336.8422
#2	.0032599	.0022702	44.98579	.1474771	.1383765	.4797849	334.8243
#3	.0035442	.0019418	45.08081	.1423463	.1359832	.4841048	335.4061

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.723131	40.85259	.3160349	-.003515	2.855416	.1815852	1.404498
Stddev	.021147	.10385	.0015222	.000321	.073435	.0027231	.017374
%RSD	.3694936	.2541979	.4816498	9.130189	2.571775	1.499622	1.236993

#1	5.747233	40.97100	.3152138	-.003163	2.934346	.1846912	1.405638
#2	5.714469	40.77698	.3177913	-.003791	2.789114	.1796079	1.421273
#3	5.707690	40.80980	.3150995	-.003592	2.842788	.1804566	1.386583

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.740224	.6153576	-.839049	.0042993	3.380172	12.49404	.0521748
Stddev	.025435	.0035261	.003206	.0001706	.022531	.05500	.0016311
%RSD	.2910062	.5730224	.3820956	3.968293	.6665549	.4401974	3.126196

#1	8.769222	.6131713	-.842278	.0041472	3.374703	12.53896	.0522020
#2	8.721693	.6194254	-.839003	.0044838	3.404934	12.51046	.0505302
#3	8.729757	.6134760	-.835867	.0042670	3.360880	12.43270	.0537921

Sample Name: I4406-16 Acquired: 8/5/2017 16:30:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.990589	.0067034	.0240180
Stddev	.000849	.0000227	.0000625
%RSD	.0426645	.3381024	.2601172

#1	1.991452	.0066774	.0240564
#2	1.990559	.0067147	.0239459
#3	1.989755	.0067183	.0240516

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1269.372	2193.020	50363.95	11462.08	2946.962
Stddev	12.288	1.958	532.60	47.32	8.927
%RSD	.9680502	.0892886	1.057496	.4128118	.3029338

#1	1268.121	2191.348	50448.86	11408.20	2952.289
#2	1257.756	2192.538	49793.99	11496.87	2936.655
#3	1282.237	2195.174	50848.99	11481.18	2951.941

Sample Name: I4406-17 Acquired: 8/5/2017 16:34:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2438247	-.031062	.5846908	-.061869	.0109197	55.92527	.6524098
Stddev	.0097133	.003290	.0287717	.004717	.0009964	.04132	.0018469
%RSD	3.983715	10.59296	4.920849	7.624338	9.124587	.0738768	.2830911

#1	.2425829	-.032625	.5781046	-.065870	.0110642	55.95636	.6545399
#2	.2540992	-.033281	.6161847	-.063068	.0098590	55.94107	.6512538
#3	.2347920	-.027282	.5597833	-.056668	.0118359	55.87839	.6514359

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029254	.0015013	47.87865	.1061660	.1214261	.4514052	277.2936
Stddev	.0000317	.0004545	.07079	.0008714	.0051456	.0007812	.4144
%RSD	1.082764	30.27561	.1478586	.8207681	4.237617	.1730668	.1494613

#1	.0028910	.0013842	47.89060	.1058937	.1207214	.4506707	277.2513
#2	.0029318	.0020029	47.80265	.1071410	.1268877	.4513188	277.7277
#3	.0029533	.0011168	47.94271	.1054633	.1166692	.4522260	276.9020

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.283196	36.32944	.2643512	-.003413	1.946491	.1527273	.9305205
Stddev	.010964	.02699	.0105313	.000308	.067310	.0017715	.0077832
%RSD	.2075329	.0743055	3.983809	9.020997	3.458038	1.159936	.8364383

#1	5.287062	36.32081	.2629974	-.003764	1.886598	.1509520	.9239015
#2	5.291704	36.35969	.2754940	-.003288	2.019337	.1527349	.9390950
#3	5.270823	36.30781	.2545624	-.003188	1.933539	.1544951	.9285651

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.199425	.6876485	-.690295	.0013736	3.029039	11.79523	.0221340
Stddev	.027107	.0320196	.004269	.0005575	.136205	.07054	.0012057
%RSD	.2946641	4.656391	.6184366	40.58622	4.496625	.5980150	5.447433

#1	9.230274	.6839292	-.692184	.0012556	3.010655	11.83268	.0225794
#2	9.179413	.7213653	-.693294	.0008846	3.173502	11.83915	.0230537
#3	9.188587	.6576509	-.685408	.0019807	2.902960	11.71387	.0207689

Sample Name: I4406-17 Acquired: 8/5/2017 16:34:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Y2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.435064	.0050051	.0261652
Stddev	.005759	.0000737	.0000620
%RSD	.4013074	1.471614	.2367692

#1	1.441713	.0050594	.0262328
#2	1.431811	.0049213	.0261112
#3	1.431667	.0050348	.0261517

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1292.429	2205.168	51195.41	11540.40	3023.649
Stddev	5.555	71.948	112.48	35.41	111.029
%RSD	.4298463	3.262691	.2197122	.3068108	3.672019

#1	1298.593	2205.849	51314.76	11511.32	3030.228
#2	1287.809	2132.882	51091.36	11530.05	2909.477
#3	1290.884	2276.773	51180.13	11579.83	3131.242

Sample Name: I4406-18 Acquired: 8/5/2017 16:38:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2133663	-.026408	.6062337	-.050047	.0091070	54.27359	.6358511
Stddev	.0029706	.000754	.0039313	.001297	.0011455	.10067	.0018938
%RSD	1.392259	2.857000	.6484857	2.592148	12.57793	.1854941	.2978360

#1	.2100114	-.026308	.6079149	-.048581	.0087311	54.21972	.6361039
#2	.2144246	-.027207	.6090448	-.050517	.0081967	54.21131	.6338436
#3	.2156628	-.025708	.6017413	-.051045	.0103932	54.38973	.6376057

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026140	.0005140	47.77218	.1026610	.1133574	.4317954	253.1985
Stddev	.0000808	.0001584	.14216	.0011997	.0004254	.0004157	.6037
%RSD	3.091922	30.80803	.2975768	1.168641	.3752422	.0962635	.2384125

#1	.0025259	.0006953	47.65680	.1040451	.1135911	.4313164	252.5098
#2	.0026312	.0004439	47.93099	.1020206	.1136147	.4320614	253.6362
#3	.0026848	.0004028	47.72876	.1019174	.1128664	.4320084	253.4494

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.985347	36.61336	.2545518	-.003610	1.797870	.1537665	1.023072
Stddev	.022868	.17595	.0004809	.000151	.044817	.0010208	.009469
%RSD	.4586981	.4805536	.1889101	4.172277	2.492809	.6638370	.9255359

#1	4.958958	36.44998	.2543931	-.003643	1.765005	.1530610	1.022543
#2	4.997723	36.79963	.2550920	-.003742	1.779683	.1549370	1.032795
#3	4.999360	36.59046	.2541704	-.003446	1.848922	.1533016	1.013879

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.141923	.6437271	-.620910	.0011721	3.316050	12.37367	.0100219
Stddev	.047485	.0011320	.002510	.0004510	.003483	.01115	.0013343
%RSD	.5832187	.1758527	.4042562	38.47558	.1050256	.0901302	13.31359

#1	8.126880	.6430307	-.623570	.0015919	3.312457	12.38122	.0109193
#2	8.103781	.6450333	-.620575	.0012292	3.319411	12.36086	.0084887
#3	8.195108	.6431173	-.618584	.0006953	3.316281	12.37892	.0106578

Sample Name: I4406-18 Acquired: 8/5/2017 16:38:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Y3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.607020	.0052144	.0255318
Stddev	.005237	.0000318	.0000367
%RSD	.3258738	.6095859	.1438422

#1	1.605099	.0052437	.0255068
#2	1.603016	.0051806	.0255147
#3	1.612947	.0052188	.0255740

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1267.792	2158.250	50129.73	11322.59	2991.236
Stddev	7.581	4.381	260.43	29.10	2.156
%RSD	.5979340	.2029910	.5195215	.2569898	.0720737

#1	1264.094	2161.229	50155.16	11309.07	2989.028
#2	1262.769	2160.302	49857.52	11302.70	2993.336
#3	1276.511	2153.220	50376.52	11355.98	2991.345

Sample Name: I4406-19 Acquired: 8/5/2017 16:42:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2165488	-.028799	.2602774	-.063152	.0072965	82.06342	1.116219
Stddev	.0027161	.001811	.0041233	.003474	.0015753	1.82489	.026316
%RSD	1.254279	6.289127	1.584202	5.501725	21.59050	2.223751	2.357575

#1	.2195023	-.030715	.2636064	-.066653	.0074362	80.01512	1.086991
#2	.2141582	-.028569	.2615608	-.059705	.0087973	82.65911	1.123633
#3	.2159861	-.027114	.2556650	-.063098	.0056559	83.51602	1.138031

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033763	.0003330	69.41559	.1543760	.1321224	.3823132	282.2502
Stddev	.0001041	.0003744	1.38896	.0010548	.0024988	.0097418	5.9518
%RSD	3.082286	112.4347	2.000935	.6832538	1.891271	2.548106	2.108713

#1	.0033902	.0006456	67.85908	.1554588	.1344494	.3712248	275.5446
#2	.0032660	.0004352	69.85892	.1543173	.1324363	.3862184	284.2989
#3	.0034728	-.000082	70.52876	.1533517	.1294815	.3894965	286.9071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.456657	45.61706	.2828077	-.004278	2.702124	.2502122	.9432211
Stddev	.109850	1.05093	.0047428	.000378	.040912	.0066322	.0068203
%RSD	2.013131	2.303802	1.677040	8.824419	1.514078	2.650617	.7230826

#1	5.331283	44.44450	.2863470	-.004619	2.739233	.2426771	.9498963
#2	5.502666	45.93264	.2846573	-.004342	2.658251	.2551639	.9435026
#3	5.536020	46.47403	.2774188	-.003872	2.708888	.2527955	.9362645

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.815729	.9068164	-.711521	.0021218	2.978437	16.42563	.0079658
Stddev	.205286	.0173964	.010725	.0003905	.049781	.27254	.0003632
%RSD	2.328633	1.918400	1.507359	18.40470	1.671383	1.659218	4.559639

#1	8.580655	.9214732	-.700027	.0024414	3.015880	16.12157	.0083813
#2	8.906854	.9113840	-.713273	.0022375	2.997487	16.50739	.0078073
#3	8.959678	.8875919	-.721262	.0016865	2.921944	16.64793	.0077088

Sample Name: I4406-19 Acquired: 8/5/2017 16:42:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.568014	.0082709	.0402597
Stddev	.057704	.0001827	.0009660
%RSD	2.247010	2.208805	2.399436

#1	2.503261	.0080827	.0391712
#2	2.586792	.0082824	.0405925
#3	2.613990	.0084475	.0410152

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1211.931	2088.310	49413.20	11514.47	2880.717
Stddev	3.344	33.940	68.36	185.76	52.100
%RSD	.2759333	1.625237	.1383383	1.613300	1.808593

#1	1214.503	2056.496	49435.42	11725.43	2836.729
#2	1208.150	2084.399	49336.49	11442.65	2867.170
#3	1213.139	2124.037	49467.68	11375.35	2938.253

Sample Name: I4406-20 Acquired: 8/5/2017 16:46:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1868551	-.024547	1.548357	-.046313	.0138683	47.90095	.5199961
Stddev	.0027704	.003231	.008101	.001719	.0020284	.29074	.0041817
%RSD	1.482663	13.16335	.5231856	3.711956	14.62631	.6069601	.8041826

#1	.1892578	-.025052	1.545613	-.047584	.0147805	48.20031	.5240140
#2	.1874828	-.021093	1.557473	-.044357	.0152804	47.88287	.5203063
#3	.1838247	-.027496	1.541984	-.046998	.0115439	47.61967	.5156679

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023131	-.000836	41.79414	.0987921	.0979509	.3553849	226.6901
Stddev	.0000417	.000163	.12098	.0008239	.0004857	.0016719	.4470
%RSD	1.803435	19.44583	.2894550	.8339778	.4958554	.4704430	.1971658

#1	.0022781	-.000655	41.78555	.0978468	.0980547	.3572902	227.1628
#2	.0023020	-.000884	41.67768	.0991726	.0983762	.3547014	226.2744
#3	.0023592	-.000970	41.91918	.0993571	.0974216	.3541630	226.6330

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.464174	34.59456	.2300792	-.002835	1.628961	.1411083	.5264589
Stddev	.012984	.14234	.0008902	.000218	.043059	.0014748	.0015382
%RSD	.2908440	.4114485	.3868963	7.707741	2.643342	1.045178	.2921872

#1	4.474744	34.71009	.2306945	-.002598	1.668880	.1400300	.5247636
#2	4.449681	34.63804	.2304846	-.002878	1.583332	.1427890	.5277655
#3	4.468096	34.43556	.2290585	-.003028	1.634672	.1405060	.5268476

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.167885	.5670398	-.572187	.0005594	1.331300	10.08931	.0096960
Stddev	.070827	.0022750	.002696	.0001117	.009313	.00887	.0013566
%RSD	1.148326	.4012079	.4712200	19.97360	.6995717	.0879246	13.99148

#1	6.207987	.5674508	-.569251	.0004425	1.337542	10.08352	.0110126
#2	6.209562	.5690812	-.574553	.0005706	1.335762	10.08488	.0097727
#3	6.086106	.5645873	-.572757	.0006651	1.320595	10.09952	.0083027

Sample Name: I4406-20 Acquired: 8/5/2017 16:46:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.519063	.0046510	.0231353
Stddev	.009153	.0000540	.0001689
%RSD	.6025324	1.161992	.7298194

#1	1.529386	.0046553	.0233264
#2	1.511939	.0045950	.0230734
#3	1.515865	.0047029	.0230061

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1254.873	2157.741	50130.27	11349.43	3042.664
Stddev	12.105	12.742	273.40	65.10	15.215
%RSD	.9646785	.5905193	.5453768	.5735927	.5000500

#1	1243.601	2143.831	49848.81	11276.13	3032.053
#2	1253.349	2160.545	50147.19	11400.50	3035.842
#3	1267.668	2168.847	50394.82	11371.66	3060.096

Sample Name: I4406-21 Acquired: 8/5/2017 16:50:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2269347	-.025973	1.169358	-.055877	.0135672	54.24331	.6187477
Stddev	.0035714	.001633	.005083	.001370	.0005923	.06239	.0026070
%RSD	1.573771	6.287961	.4346413	2.451110	4.365868	.1150135	.4213307

#1	.2230307	-.027178	1.163840	-.056013	.0128854	54.30546	.6217419
#2	.2277358	-.024114	1.173848	-.057174	.0139552	54.24376	.6175200
#3	.2300375	-.026626	1.170386	-.054445	.0138611	54.18069	.6169812

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025277	-.001672	52.47625	.1109088	.1063387	.3649921	241.0878
Stddev	.0000691	.000176	.27056	.0007713	.0001693	.0012475	.8848
%RSD	2.734541	10.50662	.5155872	.6954313	.1591844	.3417875	.3670068

#1	.0026062	-.001643	52.27416	.1113897	.1064613	.3664317	240.3703
#2	.0025005	-.001860	52.78362	.1100192	.1061456	.3642293	242.0765
#3	.0024762	-.001512	52.37097	.1113176	.1064093	.3643152	240.8166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.731371	39.09493	.2524491	-.003193	2.033758	.1681314	.5308820
Stddev	.014071	.08998	.0013272	.000208	.083324	.0006590	.0039902
%RSD	.2974004	.2301619	.5257207	6.515964	4.097049	.3919294	.7516091

#1	4.724678	39.02654	.2522474	-.003361	2.021539	.1683813	.5264811
#2	4.747539	39.19687	.2538656	-.003257	1.957217	.1686289	.5319012
#3	4.721895	39.06138	.2512343	-.002960	2.122516	.1673841	.5342637

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.246847	.6388335	-.612599	.0010477	1.877839	12.42056	.0112804
Stddev	.019278	.0012979	.002330	.0004035	.006458	.04592	.0018679
%RSD	.2660223	.2031631	.3802659	38.51395	.3438843	.3697453	16.55917

#1	7.260527	.6382255	-.614664	.0013857	1.872472	12.44046	.0124146
#2	7.224799	.6403237	-.613059	.0006010	1.885005	12.45318	.0091245
#3	7.255217	.6379512	-.610074	.0011563	1.876039	12.36804	.0123021

Sample Name: I4406-21 Acquired: 8/5/2017 16:50:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.087243	.0056491	.0285056
Stddev	.002757	.0000540	.0000840
%RSD	.1321040	.9559737	.2947073

#1	2.089628	.0057113	.0286006
#2	2.087876	.0056212	.0284753
#3	2.084224	.0056148	.0284410

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1246.166	2139.900	49669.67	11246.84	2994.313
Stddev	2.983	5.947	177.74	36.26	4.685
%RSD	.2393402	.2779134	.3578483	.3224455	.1564585

#1	1248.453	2134.832	49483.51	11245.53	2990.299
#2	1247.251	2138.421	49837.59	11211.26	2993.179
#3	1242.792	2146.447	49687.90	11283.75	2999.460

Sample Name: I4406-22 Acquired: 8/5/2017 16:54:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2452122	-.027477	.5654387	-.058835	.0110125	87.64261	1.230125
Stddev	.0033908	.001935	.0027102	.000127	.0001779	.20700	.004279
%RSD	1.382818	7.041318	.4793072	.2153163	1.615264	.2361902	.3478451

#1	.2486709	-.029081	.5675179	-.058735	.0111600	87.44370	1.226647
#2	.2450722	-.025328	.5623736	-.058978	.0108150	87.85685	1.234903
#3	.2418936	-.028022	.5664245	-.058793	.0110627	87.62729	1.228825

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030025	-.001457	88.92005	.1710873	.1282345	.4652289	276.7892
Stddev	.0000794	.000186	.30908	.0005442	.0010647	.0008854	.3815
%RSD	2.643188	12.78362	.3475938	.3180805	.8302675	.1903115	.1378344

#1	.0029268	-.001271	88.96093	.1716170	.1293330	.4642127	276.5581
#2	.0029956	-.001455	89.20665	.1711152	.1272072	.4658341	277.2296
#3	.0030850	-.001644	88.59256	.1705297	.1281632	.4656399	276.5800

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.603199	58.90216	.3061014	-.003764	3.596844	.2734489	.7738269
Stddev	.012727	.07586	.0030605	.000270	.138369	.0024180	.0052084
%RSD	.2271343	.1287947	.9998459	7.170174	3.846953	.8842505	.6730671

#1	5.595322	58.93804	.3092648	-.003466	3.530564	.2710804	.7786084
#2	5.617882	58.95342	.3031553	-.003993	3.755885	.2759135	.7745952
#3	5.596394	58.81501	.3058841	-.003833	3.504082	.2733528	.7682770

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.86507	.9336733	-.692192	.0018452	4.137162	17.26648	.0092817
Stddev	.02316	.0066937	.001253	.0002523	.032691	.04954	.0016975
%RSD	.1558262	.7169173	.1810290	13.67439	.7901738	.2869225	18.28805

#1	14.87803	.9410620	-.690790	.0015841	4.170869	17.25340	.0094102
#2	14.87885	.9280142	-.693204	.0020877	4.105593	17.32125	.0075237
#3	14.83833	.9319435	-.692582	.0018636	4.135023	17.22479	.0109113

Sample Name: I4406-22 Acquired: 8/5/2017 16:54:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.791776	.0098489	.0491623
Stddev	.020715	.0000704	.0001581
%RSD	.5463093	.7150115	.3215872

#1	3.783325	.0099036	.0490636
#2	3.815381	.0098736	.0493447
#3	3.776623	.0097694	.0490787

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1236.412	2127.489	49047.06	11244.67	2895.363
Stddev	3.104	9.414	93.58	23.72	14.008
%RSD	.2510507	.4425104	.1907959	.2109109	.4837914

#1	1233.003	2116.688	48956.16	11229.87	2880.814
#2	1237.156	2131.822	49041.92	11232.13	2908.758
#3	1239.076	2133.956	49143.11	11272.03	2896.518

Sample Name: I4409-01 Acquired: 8/5/2017 16:58:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2556083	-.020847	11.46840	-.053704	.1456973	69.89095	.9621406
Stddev	.0016215	.003336	.06010	.001697	.0009533	.23470	.0032955
%RSD	.6343792	16.00097	.5240121	3.159853	.6543102	.3358040	.3425134

#1	.2550421	-.023701	11.49995	-.052344	.1446575	70.00611	.9601849
#2	.2543458	-.017180	11.50615	-.055606	.1459042	70.04582	.9659454
#3	.2574370	-.021662	11.39910	-.053162	.1465301	69.62092	.9602915

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025755	-.001006	66.10805	.1402019	.1072857	.5363315	240.9137
Stddev	.0000241	.000238	.09276	.0011201	.0004637	.0009480	.3878
%RSD	.9349285	23.63338	.1403207	.7989264	.4321950	.1767496	.1609901

#1	.0025566	-.001083	66.02334	.1390765	.1069893	.5355650	240.8066
#2	.0025673	-.001197	66.20718	.1402126	.1078201	.5373915	241.3439
#3	.0026026	-.000740	66.09364	.1413166	.1070478	.5360381	240.5907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.959924	47.76503	.2586279	-.002638	2.662939	.2180583	1.366113
Stddev	.010429	.06570	.0013329	.000275	.138855	.0029155	.002638
%RSD	.2102638	.1375456	.5153843	10.43073	5.214350	1.337022	.1930710

#1	4.950341	47.71656	.2595427	-.002651	2.776489	.2182097	1.368001
#2	4.971031	47.83980	.2592424	-.002357	2.704198	.2208951	1.367239
#3	4.958401	47.73872	.2570986	-.002907	2.508131	.2150700	1.363100

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.42533	.8096262	-.592310	.0015256	4.221770	9.792482	.0139717
Stddev	.04851	.0062705	.003554	.0004205	.037036	.021917	.0012622
%RSD	.3903969	.7744991	.6000901	27.56050	.8772611	.2238182	9.033835

#1	12.43044	.8103393	-.592810	.0017994	4.234479	9.771245	.0154132
#2	12.47107	.8155098	-.595587	.0010415	4.250779	9.815021	.0130645
#3	12.37446	.8030297	-.588532	.0017360	4.180053	9.791180	.0134375

Sample Name: I4409-01 Acquired: 8/5/2017 16:58:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.907078	.0079448	.0366134
Stddev	.002791	.0000713	.0000159
%RSD	.0960150	.8974221	.0433738

#1	2.910301	.0079204	.0366293
#2	2.905517	.0080250	.0365975
#3	2.905417	.0078888	.0366135

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1232.455	2131.037	48954.51	11117.04	2961.034
Stddev	6.538	13.950	144.06	16.60	19.199
%RSD	.5304925	.6546043	.2942731	.1492788	.6483889

#1	1225.680	2122.440	49030.54	11098.59	2951.582
#2	1238.727	2123.538	49044.62	11121.77	2948.393
#3	1232.957	2147.132	48788.36	11130.75	2983.127

Sample Name: I4409-02 Acquired: 8/5/2017 17:02:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1603883	-.017427	F 78.17690	-.040783	.5138275	53.13888
Stddev	.0026570	.000955	.60217	.001615	.0034809	.24555
%RSD	1.656626	5.478283	.7702716	3.960789	.6774422	.4620964

#1	.1575890	-.016343	77.80969	-.038993	.5156399	52.87474
#2	.1607005	-.017796	77.84916	-.041224	.5098144	53.36021
#3	.1628755	-.018142	78.87186	-.042133	.5160282	53.18168

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7761922	.0020958	-.000985	51.32403	.1134036	.0834330
Stddev	.0039699	.0001569	.000171	.34780	.0003399	.0004610
%RSD	.5114629	7.488109	17.37875	.6776587	.2997589	.5525309

#1	.7726439	.0021805	-.000947	50.92490	.1137617	.0829381
#2	.7804798	.0021921	-.001172	51.56216	.1130854	.0835108
#3	.7754529	.0019147	-.000836	51.48503	.1133637	.0838503

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4907218	193.2975	4.179896	36.25961	.2076499	.0010893
Stddev	.0012469	.8898	.021862	.11102	.0023958	.0000654
%RSD	.2540981	.4603265	.5230234	.3061849	1.153757	6.002371

#1	.4898359	192.3352	4.154818	36.14809	.2073613	.0011415
#2	.4921477	194.0905	4.194937	36.37012	.2054116	.0010160
#3	.4901818	193.4669	4.189934	36.26063	.2101770	.0011106

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.974414	.1641640	.7392280	10.35304	.6442290	-.474886
Stddev	.039258	.0023301	.0047523	.06771	.0059520	.001421
%RSD	1.988358	1.419394	.6428697	.6539718	.9238958	.2991818

#1	1.957832	.1618238	.7337852	10.28111	.6431848	-.476518
#2	2.019243	.1641843	.7425548	10.41553	.6388682	-.473927
#3	1.946168	.1664839	.7413439	10.36249	.6506340	-.474212

Sample Name: I4409-02 Acquired: 8/5/2017 17:02:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014516	3.311159	6.496902	.0737471	2.061218	.0059004
Stddev	.0004526	.017097	.015302	.0004044	.007029	.0000481
%RSD	31.17693	.5163461	.2355275	.5483280	.3409903	.8157893

#1	.0017216	3.303802	6.498297	.0733408	2.053469	.0058449
#2	.0017040	3.298972	6.511459	.0741496	2.067183	.0059294
#3	.0009291	3.330703	6.480950	.0737508	2.063002	.0059270

Elem	Sr4077
Units	ppm
Avg	.0306138
Stddev	.0000872
%RSD	.2847184

#1	.0305431
#2	.0307112
#3	.0305870

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1237.888	2126.828	49456.58	10941.83	3032.212
Stddev	4.582	6.339	28.92	29.51	10.836
%RSD	.3701241	.2980482	.0584737	.2696630	.3573554

#1	1234.803	2120.821	49478.78	10971.36	3036.461
#2	1235.709	2133.453	49467.10	10912.35	3040.279
#3	1243.153	2126.210	49423.88	10941.76	3019.896

Sample Name: CCV092 Acquired: 8/5/2017 17:06:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.891729	4.740053	24.65525	4.741036	4.775257	382.2832
Stddev	.005811	.010648	.05157	.014754	.007122	1.5035
%RSD	.1187950	.2246321	.2091525	.3112064	.1491502	.3932938

#1	4.895922	4.727980	24.59955	4.755968	4.775737	381.7651
#2	4.885095	4.748103	24.70132	4.740675	4.782127	381.1073
#3	4.894169	4.744077	24.66490	4.726465	4.767906	383.9772

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.552646	.4689435	2.541522	410.2615	14.96778	2.526451
Stddev	.072965	.0027998	.004721	1.3833	.10397	.005383
%RSD	.7638150	.5970479	.1857608	.3371855	.6946505	.2130814

#1	9.616689	.4699867	2.536265	411.7209	14.93664	2.521841
#2	9.473215	.4657718	2.542901	410.0942	14.88293	2.525145
#3	9.568033	.4710719	2.545400	408.9694	15.08376	2.532368

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.14998	402.4229	14.31612	405.8738	2.400008	1.297850
Stddev	.02870	.7378	.03175	.6186	.004132	.004799
%RSD	.1894228	.1833452	.2217913	.1524193	.1721531	.3697703

#1	15.14434	403.2704	14.34749	406.5723	2.395803	1.297411
#2	15.18107	402.0748	14.31686	405.6543	2.400157	1.293285
#3	15.12451	401.9236	14.28400	405.3948	2.404063	1.302853

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	407.2788	2.313345	15.19214	140.4569	5.231155	F 4.017918
Stddev	.4764	.009428	.08983	.1160	.013716	.012920
%RSD	.1169647	.4075611	.5912750	.0825932	.2622022	.3215603

#1	407.1621	2.302544	15.16382	140.5885	5.215377	4.025863
#2	407.8027	2.319924	15.29271	140.4127	5.237849	4.003010
#3	406.8717	2.317569	15.11988	140.3695	5.240239	4.024881

Sample Name: CCV092 Acquired: 8/5/2017 17:06:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV092 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.778054	5.006425	4.662557	4.807246	4.931206	4.957956
Stddev	.009703	.026110	.023107	.005951	.011379	.046930
%RSD	.2030647	.5215351	.4955773	.1237836	.2307454	.9465677

#1	4.781432	4.976975	4.679563	4.802525	4.939545	4.963287
#2	4.785616	5.015556	4.636249	4.805283	4.935829	4.908588
#3	4.767114	5.026743	4.671859	4.813930	4.918243	5.001994

Elem	Sr4077
Units	ppm
Avg	4.820241
Stddev	.005773
%RSD	.1197734

#1	4.822688
#2	4.813647
#3	4.824387

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1006.932	1723.757	40192.85	9677.753	2198.492
Stddev	7.063	4.621	29.70	25.353	1.787
%RSD	.7013961	.2680789	.0738972	.2619679	.0812944

#1	1007.176	1719.011	40205.30	9648.513	2197.650
#2	999.751	1724.017	40158.94	9691.134	2200.544
#3	1013.870	1728.242	40214.29	9693.612	2197.281

Sample Name: CCB092 Acquired: 8/5/2017 17:26:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030925	.0001124	.0007988	-.000487	.0008202	.0072375	-.001671
Stddev	.0011279	.0010184	.0020656	.001347	.0003997	.0022651	.000319
%RSD	36.47199	906.2437	258.6005	276.7040	48.73575	31.29681	19.07241

#1	.0028307	-.000490	.0029655	-.001364	.0009040	.0048243	-.001626
#2	.0021185	.001288	.0005789	.001065	.0003852	.0093175	-.001377
#3	.0043282	-.000461	-.001148	-.001161	.0011714	.0075705	-.002010

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000085	.0000412	.0025209	-.000877	-.000078	.0004881	.0048464
Stddev	.0000256	.0000139	.0011507	.000069	.000226	.0011691	.0033145
%RSD	301.6221	33.78319	45.64794	7.883643	288.5543	239.4934	68.39093

#1	-.000016	.0000558	.0037503	-.000955	.000180	.0003753	.0081780
#2	.000007	.0000396	.0014697	-.000823	-.000177	-.000620	.0048120
#3	.000035	.0000281	.0023425	-.000852	-.000238	.001710	.0015493

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003298	-.004238	.0002597	.0003596	.0216904	-.000138	-.000170
Stddev	.0000405	.002460	.0001621	.0001095	.0405428	.000970	.001442
%RSD	12.29333	58.05508	62.43604	30.43897	186.9156	704.9193	846.4202

#1	.0003462	-.007001	.0003998	.0004622	.0489235	.000036	.001367
#2	.0003594	-.002285	.0002971	.0002444	.0410510	-.001183	-.000386
#3	.0002836	-.003427	.0000821	.0003722	-.024903	.000734	-.001492

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.065551	-.000118	-.005985	-.000192	.0064062	-.003713	.0000765
Stddev	.025412	.000102	.000234	.000267	.0052909	.000406	.0006032
%RSD	38.76673	86.25686	3.910852	138.9834	82.58961	10.92721	788.2795

#1	-.051597	-.000120	-.005779	-.000500	.0125130	-.003660	.0005825
#2	-.094883	-.000219	-.005935	-.000054	.0031965	-.003336	-.000591
#3	-.050173	-.000016	-.006239	-.000022	.0035092	-.004143	.000238

Sample Name: CCB092 Acquired: 8/5/2017 17:26:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB092 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007887	-.000003	.0000709
Stddev	.0002076	.000033	.0000015
%RSD	26.31866	957.9705	2.081370

#1	.0006600	.000020	.0000726
#2	.0010282	-.000042	.0000703
#3	.0006780	.000012	.0000699

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1294.066	2200.032	50743.90	10428.33	3609.116
Stddev	47.156	1.809	1590.80	159.98	6.238
%RSD	3.644012	.0822393	3.134954	1.534136	.1728520

#1	1345.828	2197.964	52570.20	10568.89	3602.424
#2	1282.821	2200.813	50001.40	10461.87	3614.771
#3	1253.549	2201.320	49660.11	10254.24	3610.153

Sample Name: I4409-06 Acquired: 8/5/2017 17:31:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1648481	-.020450	1.428785	-.040532	.0140237	59.30180	.7341037
Stddev	.0036668	.003499	.005889	.003214	.0009594	.27087	.0024812
%RSD	2.224325	17.11118	.4121887	7.928594	6.841028	.4567602	.3379953

#1	.1616330	-.021488	1.425216	-.040733	.0140753	59.58293	.7357143
#2	.1688416	-.023313	1.425556	-.043641	.0130396	59.04252	.7312463
#3	.1640698	-.016549	1.435582	-.037223	.0149562	59.27994	.7353504

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021305	-.000720	49.13431	.1144897	.0941600	.3601748	208.6998
Stddev	.0000619	.000076	.13006	.0008614	.0006002	.0008040	.3413
%RSD	2.905211	10.56170	.2647130	.7523481	.6374673	.2232298	.1635371

#1	.0021758	-.000762	49.01633	.1151600	.0935432	.3609321	208.9963
#2	.0021557	-.000765	49.11282	.1135182	.0941946	.3593310	208.7765
#3	.0020600	-.000632	49.27378	.1147908	.0947422	.3602614	208.3267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.392025	38.92560	.2156155	-.002143	2.325052	.1760865	.6185392
Stddev	.002717	.09194	.0005727	.000193	.028631	.0019046	.0032007
%RSD	.0618636	.2361897	.2656217	9.008353	1.231406	1.081615	.5174604

#1	4.389641	39.03017	.2149667	-.002156	2.313852	.1782332	.6164673
#2	4.394983	38.85743	.2160510	-.002329	2.303714	.1745994	.6169247
#3	4.391449	38.88922	.2158286	-.001943	2.357590	.1754269	.6222256

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.878796	.7066314	-.523962	.0015409	3.308085	8.436533	.0102666
Stddev	.059154	.0031362	.004856	.0007293	.013735	.045641	.0010928
%RSD	.5988003	.4438300	.9267321	47.33140	.4151811	.5409981	10.64422

#1	9.946824	.7035703	-.529081	.0023507	3.300128	8.489223	.0100813
#2	9.839460	.7064862	-.519421	.0013360	3.300182	8.409185	.0114403
#3	9.850102	.7098378	-.523383	.0009359	3.323944	8.411191	.0092783

Sample Name: I4409-06 Acquired: 8/5/2017 17:31:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.353881	.0063964	.0276030
Stddev	.012460	.0000559	.0001008
%RSD	.5293590	.8733097	.3653315

#1	2.368231	.0063564	.0277194
#2	2.347612	.0063726	.0275421
#3	2.345801	.0064602	.0275474

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1252.177	2153.528	49431.65	11161.72	3025.595
Stddev	6.120	5.349	121.57	54.70	1.226
%RSD	.4887261	.2483709	.2459354	.4901004	.0405233

#1	1245.111	2147.710	49428.48	11098.70	3025.070
#2	1255.673	2154.643	49554.78	11189.53	3026.996
#3	1255.748	2158.232	49311.70	11196.94	3024.719

Sample Name: I4409-07 Acquired: 8/5/2017 17:35:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1601338	-.021599	2.175655	-.044161	.0190093	60.89128	.7745880
Stddev	.0073753	.001398	.005568	.005548	.0006348	6.96623	.0889690
%RSD	4.605714	6.474655	.2559430	12.56332	3.339577	11.44043	11.48597

#1	.1686049	-.022887	2.179650	-.039772	.0188755	62.82256	.8007121
#2	.1566566	-.020112	2.178020	-.042314	.0184521	66.68809	.8475702
#3	.1551399	-.021798	2.169294	-.050397	.0197004	53.16317	.6754816

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022539	-.000759	55.76179	.1218157	.0929283	.4419508	217.4725
Stddev	.0001663	.000837	6.51797	.0024921	.0008055	.0520424	25.4907
%RSD	7.379827	110.3195	11.68896	2.045766	.8668392	11.77560	11.72136

#1	.0023993	-.000856	57.61885	.1205639	.0925869	.4568618	224.2694
#2	.0022899	-.001543	61.14970	.1201977	.0923497	.4849101	238.8758
#3	.0020725	.000123	48.51681	.1246855	.0938483	.3840805	189.2722

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.383863	41.07893	.2234192	-.002130	2.275793	.1912438	.7180418
Stddev	.516291	4.80634	.0012620	.001393	.107109	.0230563	.0119995
%RSD	11.77707	11.70025	.5648621	65.36744	4.706435	12.05598	1.671149

#1	4.522025	42.38027	.2248238	-.001874	2.364166	.2008018	.7237044
#2	4.817016	45.10060	.2230531	-.000884	2.306540	.2079840	.7261623
#3	3.812547	35.75592	.2223807	-.003633	2.156673	.1649456	.7042588

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.10892	.6997127	-.544315	.0011004	3.079659	7.596697	.0121488
Stddev	1.15648	.0034878	.049194	.0005701	.009763	.733215	.0012045
%RSD	11.44022	.4984654	9.037836	51.80965	.3170250	9.651762	9.914242

#1	10.48029	.6992046	-.560523	.0012890	3.089229	7.831736	.0109845
#2	11.03409	.7034267	-.583361	.0015523	3.080033	8.183572	.0133898
#3	8.81237	.6965068	-.489062	.0004599	3.069713	6.774783	.0120722

Sample Name: I4409-07 Acquired: 8/5/2017 17:35:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Z2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.548046	.0068487	.0292620
Stddev	.295144	.0009015	.0034008
%RSD	11.58316	13.16357	11.62188

#1	2.629147	.0071404	.0301769
#2	2.794161	.0075683	.0321118
#3	2.220830	.0058374	.0254974

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1249.592	2169.686	49598.03	11162.24	3019.832
Stddev	3.273	8.876	195.90	1151.00	6.000
%RSD	.2619018	.4090815	.3949842	10.31158	.1986769

#1	1248.375	2160.769	49677.66	10778.05	3015.246
#2	1247.102	2169.771	49374.85	10252.48	3017.629
#3	1253.299	2178.519	49741.58	12456.20	3026.622

Sample Name: I4409-08 Acquired: 8/5/2017 17:39:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1911399	-.025770	7.297284	-.048721	.0659011	53.31281	.7907922
Stddev	.0020038	.000972	.109041	.001854	.0014965	.06222	.0006185
%RSD	1.048364	3.771704	1.494271	3.806291	2.270777	.1166995	.0782155

#1	.1931557	-.025400	7.378921	-.049636	.0669713	53.24418	.7902547
#2	.1911157	-.025038	7.173450	-.049940	.0665409	53.32875	.7906535
#3	.1891482	-.026873	7.339482	-.046587	.0641911	53.36551	.7914682

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022516	-.000679	50.92681	.1056843	.1012944	.6342315	226.1103
Stddev	.0000410	.000161	.15308	.0003857	.0016243	.0008965	.3327
%RSD	1.821426	23.67255	.3005857	.3649405	1.603552	.1413495	.1471401

#1	.0022429	-.000695	50.88210	.1052592	.1028313	.6337999	225.8466
#2	.0022157	-.000831	51.09726	.1060119	.0995949	.6352621	226.4841
#3	.0022963	-.000511	50.80106	.1057817	.1014570	.6336323	226.0004

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.888093	36.39529	.2398677	-.002485	1.811966	.1560734	.9308432
Stddev	.001863	.10470	.0033612	.000068	.078524	.0020280	.0079147
%RSD	.0381051	.2876619	1.401273	2.750950	4.333634	1.299382	.8502728

#1	4.886000	36.30466	.2428518	-.002467	1.788352	.1541914	.9392301
#2	4.888707	36.50989	.2362265	-.002428	1.899588	.1582212	.9235053
#3	4.889571	36.37132	.2405250	-.002561	1.747959	.1558076	.9297941

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.288773	.6611576	-.560744	.0028620	2.731720	9.291111	.0209187
Stddev	.020798	.0082139	.004530	.0004511	.056917	.051423	.0006675
%RSD	.2238993	1.242349	.8078868	15.75996	2.083557	.5534689	3.190857

#1	9.275109	.6666528	-.555563	.0031336	2.779833	9.232462	.0215922
#2	9.312708	.6517152	-.562707	.0023414	2.668890	9.328473	.0202575
#3	9.278503	.6651048	-.563961	.0031112	2.746437	9.312398	.0209063

Sample Name: I4409-08 Acquired: 8/5/2017 17:39:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.851001	.0056602	.0291128
Stddev	.001886	.0001000	.0000198
%RSD	.1019174	1.767050	.0681181

#1	1.851576	.0057029	.0291143
#2	1.848894	.0055459	.0290922
#3	1.852533	.0057317	.0291318

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1262.244	2163.057	50504.02	11484.60	3035.856
Stddev	2.316	28.267	73.06	15.51	45.705
%RSD	.1834723	1.306790	.1446687	.1350100	1.505503

#1	1261.398	2136.832	50510.87	11502.25	2995.477
#2	1264.864	2192.998	50573.42	11473.16	3085.475
#3	1260.471	2159.342	50427.78	11478.39	3026.615

Sample Name: I4409-09 Acquired: 8/5/2017 17:43:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.545940	-.021099	F 256.1393	-.052095	4.295635	61.13070
Stddev	.004853	.000548	.5386	.003381	.023668	.20830
%RSD	.3139065	2.598923	.2102945	6.490138	.5509884	.3407396

#1	1.549134	-.021513	256.7606	-.049295	4.311117	61.28677
#2	1.548330	-.021307	255.8033	-.055851	4.307398	61.21116
#3	1.540356	-.020477	255.8542	-.051140	4.268389	60.89418

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8753193	.0023084	-.000387	55.25976	.1106110	.0988302
Stddev	.0030159	.0001206	.000147	.11324	.0006631	.0003831
%RSD	.3445512	5.226094	37.99674	.2049175	.5994904	.3876316

#1	.8786713	.0022249	-.000258	55.13900	.1099055	.0991513
#2	.8744608	.0024467	-.000548	55.36357	.1112214	.0984061
#3	.8728256	.0022537	-.000356	55.27672	.1107063	.0989330

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.617316	217.3814	4.592653	39.93381	.2307830	.0108626
Stddev	.031005	.4991	.008809	.04749	.0012579	.0000469
%RSD	.5519517	.2295943	.1918166	.1189225	.5450554	.4319393

#1	5.651639	217.1502	4.587736	39.98050	.2316083	.0109157
#2	5.608972	217.9542	4.602824	39.88556	.2314055	.0108454
#3	5.591337	217.0398	4.587401	39.93537	.2293353	.0108268

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.346126	.1920788	1.336732	11.35209	.6972926	-.546069
Stddev	.021843	.0023129	.011773	.07152	.0024123	.003030
%RSD	.9310267	1.204138	.8806926	.6299915	.3459530	.5547837

#1	2.367669	.1943967	1.341726	11.42431	.6992925	-.547708
#2	2.346715	.1920689	1.323286	11.35065	.6979718	-.547926
#3	2.323995	.1897709	1.345185	11.28130	.6946135	-.542573

Sample Name: I4409-09 Acquired: 8/5/2017 17:43:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010171	3.500456	6.774991	.0201221	2.414320	.0071680
Stddev	.0001546	.017097	.022211	.0011771	.003203	.0000124
%RSD	15.20432	.4884233	.3278327	5.849915	.1326658	.1734547

#1	.0008549	3.514765	6.782208	.0188336	2.416298	.0071802
#2	.0010336	3.505080	6.792696	.0211411	2.410625	.0071686
#3	.0011628	3.481522	6.750070	.0203916	2.416038	.0071553

Elem	Sr4077
Units	ppm
Avg	.0321441
Stddev	.0001122
%RSD	.3489273

#1	.0322310
#2	.0321840
#3	.0320175

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1215.638	2090.014	50745.72	11146.38	2957.215
Stddev	2.933	12.671	114.46	51.05	9.445
%RSD	.2412318	.6062675	.2255524	.4579856	.3193881

#1	1213.979	2076.672	50623.40	11140.47	2946.667
#2	1219.024	2091.485	50850.23	11098.54	2960.087
#3	1213.912	2101.886	50763.52	11200.12	2964.890

Sample Name: I4409-10 Acquired: 8/5/2017 17:47:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2083935	-.021349	5.196665	-.049169	.0391654	77.68488	1.050583
Stddev	.0024855	.001978	.016641	.002212	.0020953	.17818	.003040
%RSD	1.192706	9.267375	.3202275	4.499574	5.349942	.2293638	.2893719

#1	.2055270	-.020307	5.194661	-.051712	.0368603	77.65353	1.048093
#2	.2097040	-.023631	5.214217	-.048106	.0409545	77.87666	1.053971
#3	.2099495	-.020110	5.181116	-.047689	.0396815	77.52446	1.049685

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026924	.0000941	80.92577	.1534830	.1119619	.7895751	246.0722
Stddev	.0000906	.0001423	.21026	.0005815	.0001983	.0013142	.5756
%RSD	3.365412	151.1376	.2598240	.3788839	.1770847	.1664400	.2339120

#1	.0025983	.0002540	80.72710	.1529405	.1117786	.7908886	245.5189
#2	.0026998	-.000019	81.14598	.1534116	.1121723	.7895764	246.6678
#3	.0027791	.000047	80.90423	.1540969	.1119347	.7882603	246.0299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.648653	49.44748	.2656222	-.002582	3.035979	.2461209	.9291954
Stddev	.011374	.20639	.0005171	.000093	.071304	.0028071	.0023880
%RSD	.2446625	.4173940	.1946721	3.606861	2.348641	1.140530	.2569934

#1	4.636145	49.42681	.2650902	-.002500	3.118314	.2443478	.9300848
#2	4.658374	49.66342	.2661230	-.002683	2.995105	.2493573	.9310110
#3	4.651441	49.25220	.2656536	-.002564	2.994519	.2446577	.9264903

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.26149	.8972622	-.620703	.0014610	3.904383	8.607255	.0189003
Stddev	.01735	.0007970	.001380	.0004982	.009064	.029795	.0010171
%RSD	.1540322	.0888243	.2222683	34.10170	.2321551	.3461621	5.381584

#1	11.24598	.8981765	-.619469	.0011722	3.908736	8.574207	.0194601
#2	11.28022	.8968953	-.620449	.0020364	3.910449	8.615498	.0177262
#3	11.25826	.8967147	-.622193	.0011745	3.893963	8.632061	.0195146

Sample Name: I4409-10 Acquired: 8/5/2017 17:47:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Z5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.311895	.0087920	.0393702
Stddev	.017355	.0000639	.0001436
%RSD	.5240351	.7270020	.3648296

#1	3.303240	.0088018	.0392570
#2	3.331876	.0088505	.0395318
#3	3.300570	.0087238	.0393217

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1236.559	2128.764	49708.38	11302.62	2939.911
Stddev	5.216	1.644	58.06	53.49	2.494
%RSD	.4218080	.0772335	.1168094	.4732704	.0848286

#1	1232.504	2130.066	49653.27	11323.90	2939.223
#2	1234.731	2129.309	49702.87	11241.76	2937.833
#3	1242.443	2126.916	49769.00	11342.20	2942.677

Sample Name: I4409-11 Acquired: 8/5/2017 17:51:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4177606	-.017171	F 569.6264	-.040185	F 11.72156	41.86685
Stddev	.0056178	.001897	1.5085	.001834	.03771	.11792
%RSD	1.344740	11.04815	.2648155	4.563681	.3216928	.2816504

#1	.4160134	-.016526	569.8534	-.041696	11.75816	41.84904
#2	.4132241	-.015680	568.0173	-.038145	11.72368	41.99266
#3	.4240444	-.019306	571.0085	-.040715	11.68283	41.75885

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5126401	.0020317	-.000161	40.68766	.0735982	.0800432
Stddev	.0019425	.0000872	.000273	.05041	.0011529	.0003397
%RSD	.3789313	4.293754	169.4846	.1238841	1.566431	.4243612

#1	.5127918	.0019941	-.000359	40.71192	.0746931	.0803842
#2	.5145024	.0021314	-.000274	40.62972	.0723950	.0800404
#3	.5106261	.0019696	.000150	40.72136	.0737065	.0797049

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.701243	184.4873	3.775052	28.81497	.1862206	.0217983
Stddev	.015141	.3073	.008742	.02649	.0009060	.0001912
%RSD	.3220567	.1665437	.2315728	.0919285	.4865131	.8771765

#1	4.684565	184.7767	3.779380	28.80034	.1871140	.0218899
#2	4.705041	184.1649	3.764990	28.84555	.1862452	.0215785
#3	4.714124	184.5202	3.780785	28.79902	.1853026	.0219265

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.397545	.1232776	.8525073	6.279383	.4704889	-.471898
Stddev	.003670	.0028297	.0072274	.026106	.0017908	.001754
%RSD	.2626031	2.295405	.8477781	.4157352	.3806267	.3717331

#1	1.395900	.1214890	.8599161	6.251216	.4703216	-.473880
#2	1.401750	.1265400	.8521296	6.284170	.4687875	-.471272
#3	1.394986	.1218037	.8454762	6.302765	.4723574	-.470544

Sample Name: I4409-11 Acquired: 8/5/2017 17:51:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008100	1.647442	5.016523	.3627340	1.391690	.0039897
Stddev	.0002388	.003740	.022647	.0032378	.003834	.0000172
%RSD	29.48369	.2270423	.4514386	.8925948	.2755091	.4320718

#1	.0005574	1.649936	5.038946	.3664012	1.388875	.0039838
#2	.0008404	1.643141	4.993659	.3615306	1.390139	.0039761
#3	.0010322	1.649248	5.016963	.3602703	1.396057	.0040091

Elem	Sr4077
Units	ppm
Avg	.0243267
Stddev	.0000437
%RSD	.1797815

#1	.0243088
#2	.0242947
#3	.0243765

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1231.607	2122.378	54199.10	11140.17	3029.686
Stddev	6.376	6.128	32.10	13.94	5.216
%RSD	.5177142	.2887121	.0592326	.1250899	.1721704

#1	1228.817	2116.318	54168.96	11128.62	3023.859
#2	1227.100	2122.246	54232.86	11155.65	3031.281
#3	1238.902	2128.571	54195.49	11136.25	3033.919

Sample Name: I4409-12 Acquired: 8/5/2017 17:55:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2184227	-.030733	9.655552	-.054495	.0681501	43.19161	.4424512
Stddev	.0019695	.003255	.022849	.001605	.0012378	.04171	.0005672
%RSD	.9017068	10.59079	.2366387	2.945467	1.816342	.0965694	.1282034

#1	.2203162	-.033279	9.681087	-.055469	.0693455	43.23900	.4420547
#2	.2163851	-.031854	9.648531	-.055375	.0682311	43.17533	.4431009
#3	.2185666	-.027066	9.637038	-.052643	.0668738	43.16049	.4421980

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025934	-.001633	33.35752	.0921211	.1069768	.6926423	253.1308
Stddev	.0000922	.000225	.09127	.0004717	.0001212	.0019442	.4352
%RSD	3.554787	13.78794	.2736182	.5120305	.1132540	.2806872	.1719385

#1	.0026057	-.001609	33.44724	.0922311	.1069091	.6924226	253.5776
#2	.0024957	-.001870	33.36056	.0916041	.1069047	.6908174	253.1067
#3	.0026789	-.001421	33.26477	.0925280	.1071167	.6946870	252.7081

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.904454	33.18358	.2520029	-.003050	1.262005	.1228052	.5272674
Stddev	.004636	.15026	.0006678	.000305	.035346	.0005087	.0081560
%RSD	.0945363	.4528114	.2649972	10.00862	2.800810	.4142658	1.546840

#1	4.899118	33.35282	.2513300	-.002703	1.242718	.1222282	.5183695
#2	4.906751	33.13207	.2526654	-.003280	1.240497	.1231891	.5290441
#3	4.907494	33.06585	.2520133	-.003165	1.302799	.1229983	.5343885

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.301696	.5681216	-.650920	.0007048	1.305144	9.138959	.0153495
Stddev	.077791	.0020316	.003132	.0003507	.009559	.016224	.0007322
%RSD	1.234446	.3575918	.4811991	49.75430	.7324136	.1775306	4.770386

#1	6.311182	.5704655	-.654529	.0010730	1.295028	9.157540	.0145520
#2	6.219597	.5670330	-.649320	.0003747	1.314026	9.127598	.0155049
#3	6.374309	.5668664	-.648911	.0006668	1.306379	9.131740	.0159915

Sample Name: I4409-12 Acquired: 8/5/2017 17:55:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.210498	.0038933	.0184677
Stddev	.002513	.0000294	.0000295
%RSD	.2075706	.7561782	.1595921

#1	1.207702	.0038628	.0184403
#2	1.211223	.0039216	.0184638
#3	1.212568	.0038954	.0184989

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1274.188	2215.364	50702.92	11357.99	3090.047
Stddev	7.605	9.413	222.91	22.59	12.427
%RSD	.5968783	.4248989	.4396406	.1989313	.4021688

#1	1277.165	2209.943	50589.93	11337.56	3080.118
#2	1279.853	2209.916	50959.70	11382.26	3086.039
#3	1265.544	2226.233	50559.13	11354.17	3103.984

Sample Name: I4409-13 Acquired: 8/5/2017 17:59:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ300 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1828781	-.025880	.8041806	-.045998	.0135193	66.78567	.8829055
Stddev	.0030796	.001438	.0066087	.002199	.0007029	.21025	.0024201
%RSD	1.683950	5.555023	.8217942	4.779722	5.199477	.3148195	.2741015

#1	.1855150	-.024739	.8059403	-.043489	.0142394	67.01986	.8856873
#2	.1794936	-.025406	.7968701	-.047588	.0128349	66.61314	.8812841
#3	.1836258	-.027495	.8097313	-.046917	.0134835	66.72402	.8817452

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027283	-.000542	59.39641	.1256268	.1112106	.3400250	245.1663
Stddev	.0001179	.000199	.06825	.0005155	.0006305	.0017625	.6271
%RSD	4.320301	36.67915	.1149044	.4103376	.5669281	.5183562	.2557868

#1	.0026113	-.000431	59.47504	.1260432	.1112970	.3420558	245.8576
#2	.0028470	-.000771	59.35251	.1257869	.1105414	.3391255	244.6339
#3	.0027265	-.000423	59.36169	.1250502	.1117935	.3388936	245.0074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.848318	36.86586	.2307377	-.002521	1.971339	.2031410	.6673438
Stddev	.016283	.11781	.0001465	.000252	.036092	.0003742	.0101770
%RSD	.3358550	.3195613	.0634935	9.989260	1.830836	.1842201	1.525002

#1	4.867120	36.98251	.2308256	-.002685	1.934546	.2027372	.6614433
#2	4.838907	36.74693	.2308188	-.002646	1.972785	.2034761	.6614929
#3	4.838926	36.86815	.2305686	-.002231	2.006687	.2032096	.6790951

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.289925	.7594107	-.633382	.0022301	2.116480	11.55292	.0090895
Stddev	.052090	.0023241	.003891	.0007320	.023446	.03002	.0023437
%RSD	.8281432	.3060366	.6143929	32.82375	1.107773	.2598161	25.78438

#1	6.243764	.7603728	-.637563	.0025679	2.128307	11.58719	.0117859
#2	6.279610	.7567600	-.629865	.0027322	2.089476	11.53130	.0079409
#3	6.346400	.7610992	-.632719	.0013902	2.131657	11.54026	.0075417

Sample Name: I4409-13 Acquired: 8/5/2017 17:59:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ300 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.097714	.0063563	.0341149
Stddev	.002584	.0000083	.0000904
%RSD	.1231949	.1313156	.2650845

#1	2.100683	.0063518	.0342114
#2	2.096497	.0063660	.0340322
#3	2.095963	.0063513	.0341010

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1244.038	2144.051	49676.93	11246.25	2986.792
Stddev	5.680	11.423	92.56	28.32	14.805
%RSD	.4565628	.5327763	.1863265	.2518335	.4956784

#1	1246.034	2131.153	49573.51	11214.21	2971.627
#2	1248.451	2152.890	49705.24	11256.60	3001.209
#3	1237.630	2148.110	49752.02	11267.94	2987.539

Sample Name: I4409-14 Acquired: 8/5/2017 18:03:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ301 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2328582	-.028776	1.591904	-.059887	.0148100	80.68779	1.051006
Stddev	.0062629	.002849	.005956	.002895	.0029601	.24245	.002317
%RSD	2.689591	9.899181	.3741159	4.834839	19.98684	.3004786	.2204265

#1	.2321040	-.030507	1.598478	-.061393	.0119417	80.50828	1.048559
#2	.2394640	-.025488	1.590368	-.056549	.0146343	80.59150	1.053166
#3	.2270065	-.030332	1.586867	-.061719	.0178540	80.96359	1.051293

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032285	-.000620	58.50759	.1575264	.1298058	.4357481	285.5420
Stddev	.0001992	.000141	.27102	.0007918	.0006159	.0011343	1.1508
%RSD	6.169715	22.82166	.4632155	.5026430	.4744854	.2603110	.4030365

#1	.0031594	-.000499	58.40813	.1577849	.1304869	.4345212	285.6283
#2	.0034530	-.000585	58.30036	.1581566	.1292879	.4367586	284.3505
#3	.0030730	-.000775	58.81428	.1566376	.1296427	.4359644	286.6473

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.311066	43.35116	.2703601	-.003166	2.439370	.2393383	.6549023
Stddev	.024450	.21745	.0007924	.000146	.036016	.0011538	.0026853
%RSD	.4603601	.5016037	.2931100	4.622234	1.476434	.4820929	.4100367

#1	5.301128	43.29649	.2706863	-.003325	2.400389	.2380107	.6542051
#2	5.293149	43.16627	.2694566	-.003136	2.446314	.2400994	.6526342
#3	5.338920	43.59074	.2709373	-.003037	2.471409	.2399048	.6578674

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.604809	.8516596	-.734712	.0020196	2.605806	11.82091	.0103465
Stddev	.024204	.0036101	.001104	.0004280	.012557	.05602	.0016595
%RSD	.2812807	.4238879	.1502304	21.19432	.4818836	.4739369	16.03950

#1	8.614491	.8555462	-.735374	.0022693	2.605284	11.85563	.0122513
#2	8.622673	.8510216	-.735324	.0015254	2.618616	11.85083	.0092126
#3	8.577263	.8484111	-.733438	.0022642	2.593519	11.75628	.0095756

Sample Name: I4409-14 Acquired: 8/5/2017 18:03:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ301 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.658094	.0079062	.0356114
Stddev	.008088	.0000505	.0000621
%RSD	.3042738	.6383838	.1742426

#1	2.651493	.0078479	.0355518
#2	2.667116	.0079349	.0356756
#3	2.655672	.0079357	.0356068

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1248.928	2147.900	50083.89	11364.91	2940.189
Stddev	4.129	1.900	115.26	26.09	9.160
%RSD	.3306158	.0884422	.2301389	.2295547	.3115340

#1	1250.525	2149.037	49951.51	11335.74	2929.752
#2	1252.020	2148.957	50162.01	11386.02	2946.892
#3	1244.239	2145.707	50138.14	11372.96	2943.923

Sample Name: I4409-15 Acquired: 8/5/2017 18:07:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ306 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3363456	-.019335	F 548.1178	-.044780	4.570928	48.44274
Stddev	.0037373	.003840	.7812	.002585	.025983	.04668
%RSD	1.111136	19.85847	.1425156	5.772318	.5684411	.0963556

#1	.3347295	-.015364	548.8303	-.046295	4.591526	48.39415
#2	.3406189	-.019613	547.2825	-.046249	4.579522	48.44686
#3	.3336883	-.023028	548.2407	-.041795	4.541737	48.48723

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6466460	.0022330	.0027693	50.19946	.0829683	.0856373
Stddev	.0011013	.0001267	.0000569	.04149	.0006255	.0003860
%RSD	.1703118	5.673405	2.053497	.0826481	.7538398	.4507399

#1	.6469082	.0023585	.0027467	50.19857	.0836872	.0852932
#2	.6454373	.0021052	.0027271	50.15843	.0825488	.0860547
#3	.6475927	.0022352	.0028339	50.24139	.0826688	.0855640

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.964937	197.0576	4.045912	30.83292	.1984434	.0195645
Stddev	.023293	.3708	.008811	.06980	.0003305	.0001769
%RSD	.3905059	.1881645	.2177808	.2263705	.1665632	.9042989

#1	5.938274	196.6300	4.039920	30.75654	.1983800	.0194734
#2	5.981335	197.2526	4.056029	30.84883	.1981492	.0197684
#3	5.975201	197.2902	4.041787	30.89338	.1988011	.0194517

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.679116	.1394256	1.248550	8.171162	.5323385	-.502377
Stddev	.101112	.0018319	.013239	.024286	.0009957	.001191
%RSD	6.021713	1.313852	1.060372	.2972168	.1870456	.2370763

#1	1.657161	.1383722	1.262856	8.171666	.5331244	-.503646
#2	1.590785	.1415408	1.236730	8.146628	.5312187	-.501283
#3	1.789401	.1383638	1.246064	8.195192	.5326723	-.502203

Sample Name: I4409-15 Acquired: 8/5/2017 18:07:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ306 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016718	2.165261	6.010673	1.258816	1.572427	.0049886
Stddev	.0003399	.008193	.001219	.002332	.001247	.0000439
%RSD	20.32983	.3783719	.0202824	.1852377	.0793054	.8802263

#1	.0020642	2.168265	6.012007	1.259042	1.572330	.0049380
#2	.0014830	2.155990	6.009617	1.256380	1.571231	.0050111
#3	.0014683	2.171527	6.010394	1.261027	1.573719	.0050167

Elem	Sr4077
Units	ppm
Avg	.0265099
Stddev	.0000488
%RSD	.1840555

#1	.0264535
#2	.0265365
#3	.0265395

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1211.654	2086.069	53740.52	11252.77	2980.496
Stddev	5.268	10.310	73.48	3.02	8.962
%RSD	.4347646	.4942238	.1367364	.0268517	.3006900

#1	1206.009	2076.958	53659.12	11249.69	2970.353
#2	1216.438	2083.987	53801.95	11255.73	2983.788
#3	1212.515	2097.260	53760.50	11252.90	2987.345

Sample Name: I4409-16 Acquired: 8/5/2017 18:11:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ307 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.596565	-.018723	F 308.2885	-.044185	F 11.86440	36.28099
Stddev	.040380	.002209	2.9631	.007933	.12340	.04598
%RSD	1.122751	11.79798	.9611359	17.95333	1.040114	.1267424

#1	3.621289	-.016577	310.3853	-.035125	11.92768	36.26811
#2	3.618440	-.020990	309.5815	-.047550	11.94332	36.24282
#3	3.549967	-.018602	304.8987	-.049881	11.72219	36.33204

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4174061	.0019284	-.001055	39.22405	.0732742	.0838876
Stddev	.0002417	.0000243	.000144	.14405	.0010901	.0007830
%RSD	.0579095	1.260141	13.63767	.3672557	1.487667	.9333784

#1	.4172367	.0019559	-.000889	39.21816	.0720358	.0842965
#2	.4172988	.0019100	-.001132	39.08303	.0736984	.0843815
#3	.4176829	.0019191	-.001145	39.37096	.0740884	.0829848

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.109989	189.7159	3.808949	29.19230	.1946255	.0059780
Stddev	.003554	.4907	.007851	.11853	.0017561	.0002740
%RSD	.3201767	.2586324	.2061196	.4060205	.9023073	4.583106

#1	1.111784	189.9374	3.809098	29.26157	.1962253	.0062725
#2	1.105896	189.1536	3.801025	29.05544	.1949046	.0059308
#3	1.112288	190.0568	3.816725	29.25989	.1927465	.0057307

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.259485	.1132432	.5908822	5.063313	.5221381	-.492903
Stddev	.051193	.0016933	.0010095	.025165	.0051621	.000639
%RSD	4.064560	1.495318	.1708449	.4969991	.9886525	.1297186

#1	1.240592	.1122351	.5901058	5.041308	.5263659	-.493213
#2	1.220425	.1151982	.5905174	5.057880	.5236632	-.493327
#3	1.317439	.1122963	.5920234	5.090750	.5163853	-.492167

Sample Name: I4409-16 Acquired: 8/5/2017 18:11:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ307 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005068	1.550587	4.984467	.0357478	1.313762	.0036439
Stddev	.0002472	.014269	.007486	.0005827	.004163	.0000323
%RSD	48.76530	.9202469	.1501935	1.630016	.3168677	.8862613

#1	.0003900	1.563093	4.990750	.0359805	1.315014	.0036336
#2	.0007907	1.553625	4.976184	.0361783	1.309117	.0036800
#3	.0003397	1.535044	4.986468	.0350848	1.317155	.0036180

Elem	Sr4077
Units	ppm
Avg	.0207515
Stddev	.0000453
%RSD	.2183916

#1	.0207947
#2	.0207043
#3	.0207556

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1255.362	2152.049	52168.38	11228.74	3080.631
Stddev	5.666	19.523	183.43	44.64	31.377
%RSD	.4513363	.9071724	.3516040	.3975316	1.018536

#1	1254.839	2139.544	51958.97	11177.20	3059.638
#2	1249.975	2142.058	52245.64	11254.23	3065.554
#3	1261.271	2174.545	52300.54	11254.80	3116.701

Sample Name: PB101281BL Acquired: 8/5/2017 18:15:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044108	-.000860	.0046009	-.002785	.0004935	.0002116	-.001646
Stddev	.0034472	.001513	.0011362	.000983	.0005054	.0033814	.000203
%RSD	78.15351	175.8756	24.69418	35.29257	102.4157	1597.714	12.35811

#1	.0025404	-.002539	.0054993	-.002698	.0004004	.0014262	-.001459
#2	.0083890	-.000439	.0049796	-.001849	.0000411	.0028179	-.001615
#3	.0023031	.000397	.0033237	-.003809	.0010391	-.003609	-.001863

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000015	-.000068	-.002063	-.000729	-.000146	.0016926	.0074945
Stddev	.000037	.000015	.004255	.000098	.000049	.0004791	.0015535
%RSD	256.1430	22.01471	206.1955	13.46371	33.87887	28.30408	20.72882

#1	-.000006	-.000081	.001818	-.000647	-.000116	.0017296	.0058375
#2	-.000056	-.000070	-.001397	-.000703	-.000203	.0021521	.0077279
#3	.000017	-.000052	-.006612	-.000838	-.000119	.0011961	.0089181

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001778	.0084215	.0003095	.0001470	-.007265	-.000892	.0005946
Stddev	.0003120	.0129303	.0001947	.0003528	.016205	.001546	.0016062
%RSD	175.4652	153.5397	62.90497	239.9715	223.0571	173.3108	270.1233

#1	.0005223	.0123800	.0003052	-.000045	-.023566	-.002478	.0023143
#2	-.000086	.0189098	.0001171	.000554	.008842	.000610	-.000867
#3	.000097	-.006025	.0005064	-.000068	-.007071	-.000808	.000337

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.051756	-.000180	-.007480	-.000235	.0075666	-.004145	.0006094
Stddev	.007703	.000077	.001019	.000105	.0024083	.001174	.0003877
%RSD	14.88356	43.03768	13.62588	44.89528	31.82820	28.31660	63.62699

#1	-.042925	-.000172	-.007921	-.000333	.0066263	-.005491	.0004679
#2	-.057088	-.000261	-.006315	-.000124	.0057704	-.003337	.0010479
#3	-.055256	-.000106	-.008205	-.000247	.0103033	-.003607	.0003122

Sample Name: PB101281BL Acquired: 8/5/2017 18:15:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW009 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000136	-.000094	.0000713
Stddev	.000390	.000021	.0000050
%RSD	286.8259	22.22655	6.997193

#1	.000300	-.000094	.0000744
#2	-.000451	-.000073	.0000740
#3	-.000257	-.000114	.0000656

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1282.842	2225.107	50148.83	10582.47	3648.432
Stddev	4.609	2.009	177.53	64.33	13.237
%RSD	.3592616	.0903041	.3540047	.6078482	.3628093

#1	1277.520	2226.723	50020.22	10585.15	3651.881
#2	1285.565	2222.857	50074.89	10516.85	3633.813
#3	1285.440	2225.740	50351.38	10645.41	3659.604

Sample Name: PB101281BS Acquired: 8/5/2017 18:19:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178018	.0515712	.0216911	.0688496	.1141478	.4503589
Stddev	.0026507	.0012308	.0008149	.0060529	.0001733	.0297398
%RSD	14.89005	2.386514	3.756801	8.791504	.1518497	6.603583

#1	.0147965	.0502361	.0225066	.0739921	.1139493	.4213519
#2	.0188021	.0526606	.0216899	.0621791	.1142250	.4489438
#3	.0198067	.0518168	.0208768	.0703775	.1142692	.4807810

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4255261	.0099775	.0097593	10.73214	.0230716	.0969599
Stddev	.0257710	.0006661	.0000616	.71793	.0004518	.0001233
%RSD	6.056256	6.675907	.6308081	6.689579	1.958343	.1271390

#1	.4076604	.0094248	.0097092	10.29171	.0228762	.0968193
#2	.4138495	.0097907	.0097406	10.34413	.0235883	.0970497
#3	.4550685	.0107171	.0098280	11.56059	.0227504	.0970107

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0569503	.2354223	.0346959	10.32283	.0765813	.0208743
Stddev	.0042390	.0126558	.0025552	.67910	.0003561	.0005448
%RSD	7.443253	5.375800	7.364440	6.578650	.4649704	2.609800

#1	.0541097	.2251697	.0327168	9.85203	.0769381	.0202951
#2	.0549184	.2315300	.0337905	10.01514	.0762260	.0213764
#3	.0618227	.2495671	.0375805	11.10131	.0765799	.0209516

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.55072	.1112989	.1134683	9.633011	F .0029333	F .0162550
Stddev	.53018	.0059371	.0050186	.622098	.0000844	.0017347
%RSD	5.025042	5.334385	4.422926	6.457984	2.875426	10.67167

#1	10.08996	.1092983	.1160685	9.171779	.0030264	.0147271
#2	10.43203	.1066205	.1076832	9.386705	.0028621	.0158973
#3	11.13019	.1179779	.1166533	10.34055	.0029115	.0181407

Sample Name: PB101281BS Acquired: 8/5/2017 18:19:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231698	.1620521	.2081148	F .0149051	.2244047	.0106128
Stddev	.0001872	.0010245	.0115824	.0004671	.0155715	.0006617
%RSD	.8077983	.6322132	5.565392	3.133737	6.939043	6.234580

#1	.0229803	.1627668	.2000518	.0151942	.2158414	.0101905
#2	.0233546	.1608784	.2029056	.0143663	.2149941	.0102726
#3	.0231746	.1625111	.2213872	.0151549	.2423785	.0113753

Elem	Sr4077
Units	ppm
Avg	.0260037
Stddev	.0016351
%RSD	6.288049

#1	.0249223
#2	.0252040
#3	.0278847

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1224.051	2123.235	48607.95	10215.13	3413.507
Stddev	4.637	12.364	219.43	548.44	11.374
%RSD	.3788364	.5823210	.4514256	5.368873	.3331984

#1	1225.769	2113.738	48748.83	10552.28	3401.540
#2	1218.800	2118.751	48355.12	10510.80	3414.804
#3	1227.584	2137.215	48719.89	9582.30	3424.177

Sample Name: PB101281TB Acquired: 8/5/2017 18:23:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LEB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001080	-.000538	.0021170	-.004358	.0011776	-.002424	-.001479
Stddev	.0014686	.002256	.0008599	.003540	.0009421	.005250	.000239
%RSD	1360.156	419.0879	40.61791	81.22222	80.00229	216.5247	16.12809

#1	-.000878	.001235	.0016989	-.007875	.0009669	-.005050	-.001736
#2	.001796	.000228	.0015461	-.004404	.0022072	.003620	-.001435
#3	-.000594	-.003078	.0031060	-.000796	.0003587	-.005843	-.001265

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000004	-.000039	.0013569	-.001028	.0000601	.0007689	-.001556
Stddev	.000047	.000057	.0053573	.000166	.0000326	.0002371	.006188
%RSD	1304.881	146.8048	394.8298	16.19794	54.15047	30.84352	397.7773

#1	.000045	-.000096	-.000593	-.001090	.0000334	.0009209	-.003737
#2	-.000008	.000018	.007416	-.001154	.0000964	.0004956	-.006357
#3	-.000048	-.000038	-.002752	-.000839	.0000506	.0008901	.005427

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000115	.0188446	.0002314	.0002920	-.005370	.0000731	.0007682
Stddev	.000103	.0056240	.0001974	.0002625	.060617	.0013089	.0015855
%RSD	89.41071	29.84384	85.30156	89.89568	1128.841	1789.934	206.4035

#1	-.000062	.0202704	.0003984	.0003920	-.074368	-.001084	-.000684
#2	-.000234	.0126450	.0002821	-.000006	.018937	-.000190	.002460
#3	-.000050	.0236184	.0000136	.000490	.039321	.001493	.000528

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.061294	-.000081	-.008217	-.000244	.0039703	-.004489	.0002356
Stddev	.015914	.000135	.000916	.000330	.0018215	.000394	.0006951
%RSD	25.96405	167.0531	11.14238	134.8340	45.87740	8.777756	295.0181

#1	-.072270	.000069	-.007925	-.000625	.0037123	-.004167	-.000385
#2	-.068570	-.000119	-.009243	-.000051	.0022916	-.004372	.000105
#3	-.043042	-.000192	-.007483	-.000057	.0059071	-.004929	.000987

Sample Name: PB101281TB Acquired: 8/5/2017 18:23:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LEB009 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000002	-.000198	.0000692
Stddev	.000456	.000015	.0000025
%RSD	25883.50	7.588531	3.607910

#1	.000032	-.000213	.0000663
#2	.000437	-.000198	.0000706
#3	-.000474	-.000183	.0000706

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1268.106	2205.393	49523.06	10487.50	3614.458
Stddev	3.661	11.232	87.74	35.37	17.937
%RSD	.2886927	.5092808	.1771623	.3372161	.4962672

#1	1264.072	2205.183	49445.63	10447.24	3616.866
#2	1269.029	2194.267	49505.19	10501.69	3595.438
#3	1271.217	2216.728	49618.35	10513.56	3631.070

Sample Name: PB101246BL Acquired: 8/5/2017 18:27:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003804	.0009881	.0011146	-.001555	.0000522	.0025000	-.001763
Stddev	.0017257	.0009602	.0003172	.000999	.0007545	.0018336	.000424
%RSD	453.6711	97.17359	28.46258	64.25396	1445.592	73.34374	24.06375

#1	-.001098	-.000010	.0007830	-.001695	-.000804	.0039121	-.001631
#2	.002277	.001906	.0014151	-.000493	.000618	.0031601	-.001421
#3	-.000038	.001069	.0011456	-.002476	.000343	.0004277	-.002238

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	.0000250	.0007482	-.000647	-.000005	.0016226	-.001717
Stddev	.000056	.0000584	.0001514	.000413	.000061	.0014480	.008427
%RSD	205.5178	233.8113	20.24013	63.81618	1294.626	89.23668	490.8941

#1	-.000090	.0000406	.0006852	-.001080	-.000071	.0032612	-.000192
#2	.000017	-.000040	.0009209	-.000257	.000048	.0005153	-.010802
#3	-.000009	.000074	.0006384	-.000604	.000009	.0010914	.005844

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000801	-.011738	.0002017	.0005077	.0050784	.0016008	.0016676
Stddev	.0002123	.006608	.0004229	.0001355	.0590501	.0015406	.0022741
%RSD	265.0698	56.29654	209.6753	26.67914	1162.771	96.23888	136.3733

#1	.0000815	-.013355	-.000044	.0005031	-.032421	.0012949	.0019928
#2	.0002917	-.004472	.000690	.0006454	.073146	.0032713	.0037616
#3	-.000133	-.017388	-.000041	.0003746	-.025490	.0002361	-.000752

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.059068	-.000194	-.008347	-.000227	.0082837	-.004370	.0004292
Stddev	.007354	.000133	.000339	.000224	.0022956	.000640	.0010438
%RSD	12.44994	68.70069	4.059048	98.81376	27.71229	14.63509	243.2078

#1	-.062453	-.000287	-.008168	-.000424	.0078735	-.003843	.0016344
#2	-.064119	-.000252	-.008135	.000017	.0062209	-.005082	-.000178
#3	-.050631	-.000041	-.008738	-.000275	.0107568	-.004185	-.000169

Sample Name: PB101246BL Acquired: 8/5/2017 18:27:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW009 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004160	-.000150	.0000723
Stddev	.0001351	.000059	.0000039
%RSD	32.48336	39.42395	5.350964

#1	.0004015	-.000217	.0000726
#2	.0005578	-.000130	.0000683
#3	.0002887	-.000104	.0000760

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1334.084	2232.720	51711.76	10175.01	3650.463
Stddev	83.546	25.315	3365.74	590.40	35.286
%RSD	6.262395	1.133812	6.508653	5.802442	.9666063

#1	1430.265	2209.429	55597.43	10632.17	3618.067
#2	1292.458	2229.070	49702.92	10384.41	3645.260
#3	1279.529	2259.662	49834.92	9508.45	3688.061

Sample Name: PB101246TB Acquired: 8/5/2017 18:35:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LEB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002463	-.005579	.0017642	.0060916	-.000483	.0028151
Stddev	.001585	.001532	.0017225	.0018834	.000527	.0021664
%RSD	64.35581	27.46401	97.63885	30.91812	109.1109	76.95460

#1	-.003095	-.004863	.0037221	.0063187	-.000265	.0028382
#2	-.000659	-.007337	.0010885	.0078511	-.000100	.0006373
#3	-.003634	-.004535	.0004819	.0041049	-.001084	.0049698

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001948	.0000155	-.000247	.0009421	-.001180	-.000124
Stddev	.000324	.0000413	.000080	.0029685	.000313	.000162
%RSD	16.65024	266.6064	32.19954	315.1119	26.55682	130.6306

#1	-.001629	.0000629	-.000237	-.002047	-.001093	.000049
#2	-.001937	-.000005	-.000331	.000983	-.001527	-.000271
#3	-.002277	-.000012	-.000173	.003890	-.000919	-.000150

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015688	.0032253	.0002080	.0053274	.0036871	.0004856
Stddev	.0010042	.0061761	.0001824	.0217789	.0001672	.0001178
%RSD	64.01453	191.4871	87.69589	408.8121	4.535889	24.25098

#1	.0007094	.0070020	-.000003	.0303047	.0038711	.0004324
#2	.0026727	.0065759	.000316	-.004628	.0036460	.0004038
#3	.0013243	-.003902	.000311	-.009695	.0035443	.0006206

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 881.5300	.0003363	-.000948	-.219827	.0006082	-.005178
Stddev	3.4265	.0018965	.000168	.026354	.0001726	.000798
%RSD	.3887047	563.8489	17.77680	11.98842	28.37183	15.41538

#1	877.6620	.0017984	-.001030	-.201699	.0006040	-.004492
#2	882.7429	-.001807	-.001058	-.207723	.0004378	-.004989
#3	884.1852	.001017	-.000754	-.250058	.0007829	-.006054

Sample Name: PB101246TB Acquired: 8/5/2017 18:35:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LEB009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000146	.0356983	.0025163	.0035427	.0003407	-.000356
Stddev	.000313	.0022423	.0003597	.0013558	.0005938	.000036
%RSD	213.5815	6.281181	14.29351	38.26882	174.2923	10.13240

#1	-.000448	.0335565	.0022857	.0033061	.0003611	-.000330
#2	.000177	.0380291	.0029307	.0050012	-.000263	-.000398
#3	-.000168	.0355095	.0023324	.0023208	.000924	-.000342

Elem	Sr4077
Units	ppm
Avg	.0000697
Stddev	.0000006
%RSD	.8307516

#1	.0000700
#2	.0000701
#3	.0000690

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1110.572	1914.930	42491.03	10524.41	2723.967
Stddev	4.857	3.602	44.58	12.02	8.155
%RSD	.4373000	.1881257	.1049094	.1142409	.2993707

#1	1115.984	1918.744	42464.68	10522.46	2733.243
#2	1109.138	1914.461	42542.50	10537.28	2720.734
#3	1106.594	1911.585	42465.91	10513.48	2717.924

Sample Name: I4412-03 Acquired: 8/5/2017 18:39:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080027	-.000233	.0361328	-.001517	.0477945	.6389260	.1193131
Stddev	.0025887	.000278	.0021404	.002796	.0012287	.0017243	.0004331
%RSD	32.34699	119.5722	5.923800	184.2850	2.570709	.2698793	.3629947

#1	.0050330	-.000043	.0348883	-.003113	.0474668	.6375492	.1197796
#2	.0091933	-.000552	.0386044	-.003149	.0491537	.6383687	.1189239
#3	.0097819	-.000103	.0349058	.001711	.0467628	.6408600	.1192357

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000267	-.000005	28.88411	.0008096	-.000058	.0458179	1.762391
Stddev	.0000681	.000034	.09328	.0005096	.000121	.0000966	.008515
%RSD	255.3675	716.7674	.3229318	62.94019	207.2267	.2109261	.4831255

#1	.0001014	-.000043	28.86941	.0002504	-.000173	.0458571	1.771549
#2	.0000106	.000011	28.79905	.0009306	-.000071	.0458887	1.754714
#3	-.000032	.000019	28.98386	.0012477	.000068	.0457078	1.760911

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0516891	5.289333	.0048746	.0006819	1.365958	.0013063	.0492219
Stddev	.0006532	.026187	.0003899	.0004804	.044435	.0015734	.0009321
%RSD	1.263670	.4950862	7.998762	70.44992	3.253025	120.4421	1.893692

#1	.0511303	5.261261	.0048299	.0011951	1.325266	.0003651	.0484221
#2	.0524072	5.293635	.0045089	.0006075	1.413370	.0031227	.0489981
#3	.0515297	5.313102	.0052848	.0002430	1.359239	.0004312	.0502456

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.091814	.0049997	.0379345	.0001939	14.28321	3.295965	-.000940
Stddev	.013316	.0003565	.0003310	.0000726	.12469	.002501	.000935
%RSD	.6365796	7.129993	.8725149	37.44222	.8730167	.0758876	99.50966

#1	2.107166	.0048438	.0382306	.0001269	14.20677	3.293820	-.000985
#2	2.083386	.0047476	.0379957	.0001839	14.21576	3.295362	-.001851
#3	2.084891	.0054075	.0375772	.0002711	14.42711	3.298712	.000017

Sample Name: I4412-03 Acquired: 8/5/2017 18:39:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0259034	.0000774	.0129792
Stddev	.0007574	.0000100	.0000120
%RSD	2.924031	12.89041	.0920828

#1	.0266878	.0000733	.0129888
#2	.0251761	.0000887	.0129658
#3	.0258463	.0000700	.0129829

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1267.932	2152.701	49295.30	10800.44	3466.286
Stddev	5.492	7.488	102.07	9.12	15.551
%RSD	.4331588	.3478410	.2070565	.0844381	.4486396

#1	1268.227	2159.929	49270.79	10810.90	3477.256
#2	1273.270	2153.196	49407.39	10796.26	3473.112
#3	1262.298	2144.977	49207.72	10794.15	3448.489

Sample Name: I4412-04 Acquired: 8/5/2017 18:44:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082516	.0001703	.0353513	-.002079	.0490456	.6501271	.1191004
Stddev	.0025374	.0002420	.0016350	.002039	.0003015	.0073709	.0009340
%RSD	30.74994	142.1212	4.625073	98.07869	.6147753	1.133755	.7842414

#1	.0109325	.0004348	.0369258	-.001438	.0490944	.6533477	.1200164
#2	.0079349	.0001161	.0354661	-.000438	.0487226	.6416940	.1191355
#3	.0058875	-.000040	.0336618	-.004362	.0493197	.6553395	.1181493

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000083	.0000548	29.16612	.0005168	.0000126	.0464188	1.765786
Stddev	.0000117	.0000346	.23587	.0001957	.0000667	.0004992	.015034
%RSD	141.0050	63.04540	.8086958	37.87549	529.9998	1.075461	.8514012

#1	.0000204	.0000849	29.42705	.0003775	-.000057	.0464562	1.780261
#2	-.000003	.0000171	28.96806	.0004323	.000076	.0459019	1.766848
#3	.000007	.0000625	29.10324	.0007406	.000019	.0468982	1.750250

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0522607	5.338836	.0050749	.0008374	1.456890	.0011520	.0496632
Stddev	.0006758	.033725	.0002260	.0001645	.054746	.0006877	.0038716
%RSD	1.293028	.6317013	4.453402	19.63823	3.757739	59.69184	7.795758

#1	.0530379	5.364548	.0053358	.0009646	1.512221	.0005335	.0539844
#2	.0518120	5.300651	.0049411	.0008960	1.402748	.0010301	.0484949
#3	.0519321	5.351310	.0049478	.0006517	1.455701	.0018926	.0465102

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.090296	.0047459	.0385075	.0004234	14.21133	3.345976	-.000575
Stddev	.029399	.0001798	.0006477	.0000343	.02236	.029587	.000748
%RSD	1.406467	3.789192	1.682070	8.096004	.1573723	.8842627	130.0253

#1	2.060354	.0049518	.0381630	.0003990	14.23651	3.356683	-.001432
#2	2.119121	.0046668	.0392546	.0004086	14.19377	3.312525	-.000243
#3	2.091413	.0046193	.0381048	.0004626	14.20370	3.368719	-.000051

Sample Name: I4412-04 Acquired: 8/5/2017 18:44:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0255150	.0000746	.0129320
Stddev	.0004095	.0000314	.0000145
%RSD	1.604729	42.13586	.1117901

#1	.0250485	.0001053	.0129465
#2	.0258150	.0000425	.0129176
#3	.0256816	.0000760	.0129319

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1255.406	2168.664	48886.95	10719.37	3485.607
Stddev	6.887	11.222	109.03	60.37	15.350
%RSD	.5485820	.5174412	.2230278	.5631748	.4403857

#1	1262.724	2156.229	49002.96	10663.26	3469.019
#2	1249.052	2171.727	48786.59	10783.25	3488.491
#3	1254.440	2178.036	48871.28	10711.60	3499.310

Sample Name: I4412-03LX5 Acquired: 8/5/2017 18:52:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044737	.0002555	.0071189	.0000982	.0093203	.1342168	.0226079
Stddev	.0000964	.0002147	.0011787	.0009604	.0011119	.0040222	.0001650
%RSD	2.154081	84.04259	16.55689	978.0849	11.93025	2.996792	.7299753

#1	.0043898	.0001213	.0059708	-.000975	.0105957	.1337467	.0227858
#2	.0044522	.0001421	.0083260	.000395	.0085541	.1384534	.0225783
#3	.0045790	.0005031	.0070599	.000875	.0088112	.1304503	.0224597

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000033	-.000036	5.718466	-.000863	-.000347	.0101149	.3482375
Stddev	.000055	.000111	.037974	.000150	.000104	.0004540	.0054364
%RSD	165.7363	312.9079	.6640547	17.35854	29.83019	4.488059	1.561114

#1	-.000018	-.000163	5.674684	-.000760	-.000426	.0097264	.3543188
#2	-.000095	.000043	5.738259	-.000794	-.000386	.0100044	.3438487
#3	.000013	.000013	5.742454	-.001035	-.000230	.0106139	.3465449

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101729	1.039297	.0013226	.0002057	.3078130	.0004796	.0097305
Stddev	.0002016	.006451	.0001477	.0002519	.0486049	.0003761	.0031589
%RSD	1.982107	.6207187	11.16613	122.4505	15.79039	78.40358	32.46371

#1	.0099883	1.032999	.0013332	.0002106	.2783896	.0003059	.0115024
#2	.0101424	1.039003	.0011700	-.000049	.3639147	.0002219	.0116057
#3	.0103881	1.045891	.0014648	.000455	.2811347	.0009111	.0060834

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3818871	.0009194	.0014907	-.000056	2.714032	.6546454	.0005904
Stddev	.0126897	.0002246	.0002669	.000050	.007000	.0052568	.0005300
%RSD	3.322880	24.43373	17.90540	88.63089	.2579247	.8030034	89.76270

#1	.3784224	.0011769	.0012065	-.000047	2.715984	.6590744	.0000718
#2	.3712896	.0007635	.0015293	-.000011	2.719850	.6488362	.0011311
#3	.3959492	.0008178	.0017361	-.000109	2.706264	.6560256	.0005683

Sample Name: I4412-03LX5 Acquired: 8/5/2017 18:52:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Z0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0058998	-.000002	.0026317
Stddev	.0003493	.000028	.0000029
%RSD	5.921101	1277.185	.1113691

#1	.0062587	.000029	.0026290
#2	.0055609	-.000024	.0026348
#3	.0058797	-.000011	.0026314

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1252.593	2193.032	49248.84	10705.63	3577.476
Stddev	7.702	10.039	104.32	17.80	17.323
%RSD	.6148925	.4577533	.2118315	.1662419	.4842162

#1	1247.430	2187.898	49140.40	10724.32	3566.753
#2	1261.445	2186.599	49257.65	10688.89	3568.214
#3	1248.903	2204.599	49348.49	10703.67	3597.461

Sample Name: PB101246BS Acquired: 8/5/2017 18:56:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0245948	.0580836	.0223139	.0688023	.1160114	.4274268
Stddev	.0027064	.0004689	.0017145	.0024170	.0015722	.0038342
%RSD	11.00410	.8072374	7.683600	3.512892	1.355190	.8970497

#1	.0250614	.0576486	.0208770	.0715827	.1178209	.4247473
#2	.0216853	.0585802	.0242118	.0676214	.1152328	.4318189
#3	.0270375	.0580219	.0218530	.0672030	.1149804	.4257143

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3594960	.0113106	.0107742	9.913160	.0229779	.0947241
Stddev	.0025391	.0000696	.0000530	.061645	.0001623	.0006116
%RSD	.7062970	.6155415	.4915108	.6218462	.7065634	.6456589

#1	.3568498	.0112900	.0107748	9.919057	.0228499	.0954211
#2	.3597260	.0112535	.0108268	9.848779	.0229234	.0942769
#3	.3619123	.0113881	.0107209	9.971645	.0231605	.0944745

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538003	.2293945	.0328365	9.674597	.0773533	.0230264
Stddev	.0006417	.0081884	.0002172	.033631	.0009211	.0002145
%RSD	1.192666	3.569560	.6614806	.3476258	1.190793	.9313454

#1	.0544737	.2207167	.0330310	9.636916	.0781391	.0231005
#2	.0537314	.2369847	.0326021	9.685301	.0775812	.0231940
#3	.0531959	.2304820	.0328765	9.701573	.0763396	.0227848

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.737617	.0986499	.1152840	8.712770	F .0023581	F .0165544
Stddev	.038149	.0015630	.0030960	.039314	.0000781	.0004540
%RSD	.3917743	1.584428	2.685524	.4512269	3.311017	2.742718

#1	9.720765	.0972321	.1119346	8.671169	.0022821	.0170534
#2	9.710796	.0983916	.1180409	8.749308	.0023540	.0161656
#3	9.781291	.1003260	.1158767	8.717833	.0024381	.0164442

Sample Name: PB101246BS Acquired: 8/5/2017 18:56:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0229405	.1743274	.2091418	F .0140046	.2065458	.0095783
Stddev	.0003480	.0011186	.0006931	.0008886	.0009343	.0000873
%RSD	1.517009	.6416967	.3314090	6.345054	.4523331	.9118552

#1	.0233348	.1754681	.2087629	.0150300	.2072745	.0095233
#2	.0228105	.1742821	.2087207	.0134601	.2054926	.0095327
#3	.0226761	.1732322	.2099418	.0135236	.2068704	.0096790

Elem	Sr4077
Units	ppm
Avg	.0252287
Stddev	.0000630
%RSD	.2498453

#1	.0252042
#2	.0251817
#3	.0253003

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1267.430	2183.392	49242.00	10922.88	3486.272
Stddev	4.230	15.810	127.30	38.50	21.691
%RSD	.3337139	.7241161	.2585128	.3525132	.6221880

#1	1268.579	2165.155	49367.25	10885.43	3461.300
#2	1270.967	2193.224	49246.00	10962.36	3497.086
#3	1262.745	2191.798	49112.76	10920.85	3500.431

Sample Name: CCV093 Acquired: 8/5/2017 19:02:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.745568	4.620010	23.94603	4.605663	4.617024	375.5965
Stddev	.061293	.049522	.25817	.048400	.062355	1.6732
%RSD	1.291592	1.071906	1.078119	1.050877	1.350550	.4454821

#1	4.809884	4.672251	24.20092	4.660286	4.688409	375.2367
#2	4.738992	4.614029	23.95246	4.588583	4.589474	374.1325
#3	4.687828	4.573750	23.68471	4.568118	4.573190	377.4204

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.359269	.4588975	2.490671	405.5780	14.55696	2.467047
Stddev	.025218	.0023660	.028909	.5519	.10141	.028354
%RSD	.2694418	.5155804	1.160673	.1360734	.6966312	1.149320

#1	9.384371	.4615486	2.518517	405.3535	14.59438	2.495575
#2	9.359499	.4581437	2.492688	405.1738	14.44216	2.466695
#3	9.333937	.4570003	2.460806	406.2068	14.63435	2.438870

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.82696	396.2836	14.01210	401.7186	2.325529	1.289073
Stddev	.02363	.4828	.02206	.5834	.030001	.010616
%RSD	.1593561	.1218306	.1574671	.1452216	1.290058	.8235338

#1	14.79987	396.0367	14.00552	401.2532	2.354318	1.290358
#2	14.83771	395.9741	13.99407	401.5295	2.327822	1.277873
#3	14.84330	396.8399	14.03670	402.3731	2.294448	1.298988

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	403.8272	2.260430	14.72884	137.6609	5.156557	F 3.955963
Stddev	1.0871	.006169	.23999	.5855	.059798	.015141
%RSD	.2692088	.2729177	1.629392	.4253053	1.159641	.3827378

#1	402.9332	2.253438	14.73048	137.4578	5.217811	3.954871
#2	403.5109	2.262745	14.48803	137.2039	5.153528	3.941397
#3	405.0374	2.265107	14.96800	138.3208	5.098331	3.971620

Sample Name: CCV093 Acquired: 8/5/2017 19:02:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV093 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.662657	4.883626	4.594872	4.648670	4.804003	4.854982
Stddev	.053804	.023438	.009757	.059052	.004589	.056033
%RSD	1.153930	.4799218	.2123507	1.270296	.0955248	1.154142

#1	4.717628	4.909109	4.605002	4.709518	4.808468	4.900935
#2	4.660240	4.878778	4.585535	4.644897	4.799299	4.871452
#3	4.610102	4.862992	4.594079	4.591595	4.804241	4.792560

Elem	Sr4077
Units	ppm
Avg	4.695733
Stddev	.004590
%RSD	.0977408

#1	4.695326
#2	4.700512
#3	4.691360

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1006.667	1753.463	40137.07	9715.570	2236.578
Stddev	11.703	19.992	199.20	37.449	25.584
%RSD	1.162546	1.140122	.4963070	.3854580	1.143886

#1	1001.744	1731.819	40066.50	9683.263	2210.045
#2	1020.027	1757.336	40361.96	9706.831	2238.596
#3	998.229	1771.235	39982.77	9756.616	2261.093

Sample Name: CCB093 Acquired: 8/5/2017 19:07:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035532	-.000192	.0009373	-.001693	-.000223	.0115511	-.001501
Stddev	.0018822	.000829	.0003996	.001737	.000542	.0027072	.000086
%RSD	52.97282	432.0319	42.63312	102.5976	243.3232	23.43641	5.763362

#1	.0054468	-.000851	.0006845	-.003376	.000277	.0141212	-.001424
#2	.0016826	-.000464	.0007294	-.001795	-.000800	.0118069	-.001594
#3	.0035300	.000739	.0013980	.000093	-.000146	.0087251	-.001483

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000037	.0000337	.0053858	-.000532	-.000066	.0012747	.0103247
Stddev	.0000257	.0000410	.0066874	.000237	.000118	.0012549	.0101950
%RSD	690.9931	121.6658	124.1656	44.54276	179.1294	98.45081	98.74378

#1	-.000024	.0000149	.0054866	-.000793	-.000111	.0026589	.0217882
#2	.000008	.0000055	.0120222	-.000473	.000068	.0009540	.0069122
#3	.000027	.0000807	-.001351	-.000330	-.000155	.0002112	.0022737

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003847	.0067067	.0001645	.0005204	-.002563	-.000262	.0021278
Stddev	.0002791	.0075849	.0000783	.0003651	.035020	.001510	.0002746
%RSD	72.56426	113.0951	47.59395	70.16786	1366.193	577.0802	12.90810

#1	.0006187	-.001186	.0001914	.0001019	-.031080	.000223	.0024371
#2	.0004597	.007365	.0002259	.0007742	.036524	.000947	.0019125
#3	.0000757	.013941	.0000763	.0006850	-.013134	-.001955	.0020338

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.031842	-.000101	-.000037	.0003379	.0072989	-.004242	.0000001
Stddev	.015855	.000037	.000736	.0004368	.0039217	.000734	.0000801
%RSD	49.79298	36.55699	1988.488	129.2471	53.73047	17.30862	111508.9

#1	-.049742	-.000065	.000374	.0006290	.0092373	-.003615	.0000090
#2	-.019564	-.000139	-.000887	-.000164	.0027854	-.005050	-.000084
#3	-.026219	-.000097	.000402	.000549	.0098739	-.004062	.000075

Sample Name: CCB093 Acquired: 8/5/2017 19:07:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB093 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006292	.0002456	.0001357
Stddev	.0003603	.0000432	.0000228
%RSD	57.25861	17.59842	16.83380

#1	.0002147	.0001965	.0001608
#2	.0008063	.0002625	.0001300
#3	.0008666	.0002779	.0001162

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1275.783	2197.471	49648.81	10510.98	3605.461
Stddev	8.489	22.737	249.37	85.42	25.126
%RSD	.6654229	1.034683	.5022688	.8126938	.6968995

#1	1267.019	2197.914	49420.87	10423.18	3612.180
#2	1276.362	2219.984	49610.41	10593.81	3626.546
#3	1283.969	2174.517	49915.15	10515.95	3577.659

Sample Name: I4412-05 Acquired: 8/5/2017 19:11:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0525026	.0775205	.0578778	.0584259	.1614227	3.073326	2.512940
Stddev	.0009455	.0005004	.0010779	.0025051	.0023498	.023502	.017597
%RSD	1.800908	.6454560	1.862282	4.287711	1.455670	.7647214	.7002538

#1	.0521254	.0770904	.0575470	.0572562	.1606639	3.084893	2.524154
#2	.0535785	.0780697	.0590823	.0613019	.1640581	3.088803	2.522007
#3	.0518038	.0774014	.0570041	.0567196	.1595460	3.046282	2.492659

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0577777	.0554656	28.88727	.2560356	.5687233	.3454868	3.166930
Stddev	.0000657	.0003474	.18531	.0007031	.0038094	.0013949	.033134
%RSD	.1137209	.6263262	.6414897	.2746200	.6698244	.4037550	1.046255

#1	.0577441	.0557076	28.93980	.2555496	.5702366	.3456414	3.198603
#2	.0578534	.0556217	29.04065	.2557153	.5715435	.3467979	3.169681
#3	.0577355	.0550676	28.68137	.2568418	.5643897	.3440210	3.132506

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6849705	5.272739	.5623229	.0301242	1.350613	.6076580	.6025353
Stddev	.0038919	.037688	.0026256	.0004008	.070169	.0079345	.0030627
%RSD	.5681909	.7147711	.4669213	1.330585	5.195343	1.305746	.5083020

#1	.6870449	5.308635	.5632041	.0298351	1.428998	.6077326	.6010144
#2	.6873858	5.276099	.5643945	.0299558	1.293657	.6155550	.6005307
#3	.6804808	5.233484	.5593700	.0305818	1.329184	.5996866	.6060607

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.181052	.0024739	.0388949	-.000079	14.11791	3.955228	.0000623
Stddev	.022196	.0002055	.0011705	.000212	.07373	.033218	.0013642
%RSD	1.017681	8.306495	3.009346	267.8687	.5222797	.8398548	2189.914

#1	2.181805	.0022405	.0381217	-.000322	14.14131	3.976232	-.000276
#2	2.202863	.0026276	.0402415	.000017	14.17711	3.972520	-.001101
#3	2.158490	.0025536	.0383213	.000068	14.03532	3.916930	.001564

Sample Name: I4412-05 Acquired: 8/5/2017 19:11:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Z0S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0339609	.0001268	.0128449
Stddev	.0010803	.0000481	.0000675
%RSD	3.180881	37.90721	.5257395

#1	.0348621	.0000715	.0128879
#2	.0342570	.0001581	.0128798
#3	.0327634	.0001509	.0127671

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1246.910	2165.691	48851.39	10844.95	3467.892
Stddev	7.228	9.242	107.61	44.92	9.343
%RSD	.5797109	.4267531	.2202827	.4141860	.2694284

#1	1246.261	2171.041	48734.75	10846.17	3470.570
#2	1254.441	2155.019	48946.81	10799.43	3457.502
#3	1240.028	2171.014	48872.61	10889.24	3475.604

Sample Name: I4413-02 Acquired: 8/5/2017 19:19:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071084	-.008289	1.646236	.0104723	.0489266	.5014345
Stddev	.0078686	.002149	.043367	.0043300	.0012855	.0079895
%RSD	110.6931	25.92399	2.634335	41.34749	2.627488	1.593332

#1	.0128942	-.010159	1.644140	.0080787	.0496087	.5046982
#2	.0102825	-.005942	1.603955	.0078675	.0474438	.5072756
#3	-.001851	-.008768	1.690614	.0154707	.0497273	.4923298

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7355517	.0001583	.0003773	104.2201	.0005472	.0059096
Stddev	.0055206	.0000298	.0000907	.0616	.0000722	.0001714
%RSD	.7505343	18.82050	24.03965	.0591447	13.20160	2.899701

#1	.7301952	.0001590	.0003648	104.1566	.0005144	.0059406
#2	.7412229	.0001281	.0002935	104.2796	.0006300	.0057248
#3	.7352372	.0001876	.0004737	104.2242	.0004972	.0060633

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0582474	1.285303	1.517430	13.53650	.0132950	.0006815
Stddev	.0003633	.007160	.001180	.03401	.0002682	.0003298
%RSD	.6237723	.5570517	.0777315	.2512493	2.017256	48.39739

#1	.0582130	1.292983	1.516381	13.54538	.0133086	.0009888
#2	.0586266	1.284115	1.517203	13.56519	.0130202	.0003330
#3	.0579024	1.278812	1.518707	13.49893	.0135561	.0007228

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1258.274	.0004101	.2202212	5.082223	.0144477	.1062500
Stddev	5.189	.0014769	.0070103	.032639	.0004316	.0008455
%RSD	.4124036	360.1862	3.183311	.6422241	2.987196	.7957783

#1	1253.122	.0021064	.2123711	5.045416	.0140299	.1072126
#2	1263.499	-.000286	.2224357	5.107643	.0144215	.1056273
#3	1258.201	-.000590	.2258569	5.093612	.0148918	.1059101

Sample Name: I4413-02 Acquired: 8/5/2017 19:19:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003683	1.857307	3.957713	.0031134	.0051237	.0009518
Stddev	.0001693	.055897	.007100	.0010724	.0007288	.0000672
%RSD	45.96431	3.009555	.1793923	34.44557	14.22316	7.064175

#1	.0005638	1.844109	3.959852	.0035267	.0055374	.0009821
#2	.0002698	1.809190	3.949790	.0039177	.0055515	.0009985
#3	.0002714	1.918621	3.963498	.0018958	.0042823	.0008747

Elem	Sr4077
Units	ppm
Avg	.0456459
Stddev	.0001418
%RSD	.3105445

#1	.0455227
#2	.0458008
#3	.0456142

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1066.798	1822.246	41058.92	10282.19	2519.939
Stddev	7.390	54.973	111.64	16.60	70.116
%RSD	.6927580	3.016754	.2719058	.1614420	2.782453

#1	1064.417	1843.434	41116.73	10265.47	2538.534
#2	1075.085	1863.471	41129.80	10298.67	2578.884
#3	1060.891	1759.832	40930.23	10282.41	2442.400

Sample Name: I4413-03 Acquired: 8/5/2017 19:23:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058274	-.010005	1.642086	.0121626	.0484553	.4902724
Stddev	.0039328	.000886	.003653	.0040861	.0023235	.0027635
%RSD	67.48799	8.859421	.2224435	33.59580	4.795088	.5636640

#1	.0064452	-.009073	1.645788	.0078116	.0460156	.4908401
#2	.0016222	-.010106	1.641985	.0159186	.0487083	.4872692
#3	.0094146	-.010837	1.638485	.0127578	.0506419	.4927081

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7378146	.0000111	.0003213	104.1539	.0010789	.0060485
Stddev	.0022670	.0000779	.0000378	.6676	.0004564	.0001269
%RSD	.3072550	702.6658	11.76940	.6409356	42.30011	2.098266

#1	.7402576	.0000595	.0003072	104.9040	.0012733	.0061441
#2	.7374074	.0000526	.0003642	103.9324	.0014059	.0060970
#3	.7357788	-.000079	.0002926	103.6252	.0005575	.0059045

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0568766	1.282401	1.516016	13.58856	.0127785	.0006162
Stddev	.0000648	.013708	.010308	.09029	.0003929	.0003432
%RSD	.1139839	1.068909	.6799545	.6644219	3.074467	55.69627

#1	.0569320	1.298187	1.525697	13.68311	.0123517	.0007596
#2	.0568925	1.275505	1.517173	13.57934	.0128585	.0002246
#3	.0568053	1.273511	1.505178	13.50324	.0131251	.0008645

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1259.159	.0010142	.2187526	5.068928	.0145359	.1023590
Stddev	6.444	.0012981	.0042349	.043788	.0002238	.0017033
%RSD	.5117549	127.9830	1.935947	.8638566	1.540012	1.664012

#1	1265.972	.0016699	.2140985	5.119013	.0146423	.1043034
#2	1258.341	.0018537	.2197798	5.037883	.0142787	.1016428
#3	1253.163	-.000481	.2223794	5.049887	.0146867	.1011307

Sample Name: I4413-03 Acquired: 8/5/2017 19:23:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002867	1.860614	3.948001	.0034049	.0044797	.0008649
Stddev	.0000213	.015611	.023628	.0012383	.0006648	.0000321
%RSD	7.414053	.8390192	.5984779	36.36650	14.84061	3.712879

#1	.0003039	1.844713	3.970243	.0048183	.0047471	.0008444
#2	.0002931	1.875918	3.923196	.0025111	.0049693	.0009019
#3	.0002629	1.861210	3.950564	.0028854	.0037229	.0008485

Elem	Sr4077
Units	ppm
Avg	.0456836
Stddev	.0001688
%RSD	.3694895

#1	.0458772
#2	.0456064
#3	.0455673

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1049.995	1801.841	40659.80	10168.73	2500.825
Stddev	6.547	12.481	69.00	45.63	9.731
%RSD	.6234990	.6926782	.1696962	.4487404	.3891181

#1	1055.614	1816.194	40652.77	10124.69	2512.061
#2	1051.565	1795.784	40594.58	10215.80	2495.365
#3	1042.806	1793.544	40732.04	10165.71	2495.051

Sample Name: I4413-04 Acquired: 8/5/2017 19:32:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0575108	.0581523	1.733436	.0851590	.1701514	2.807861
Stddev	.0047680	.0005705	.008899	.0030952	.0015118	.070009
%RSD	8.290626	.9811023	.5133623	3.634553	.8884898	2.493336

#1	.0609440	.0585205	1.739827	.0865203	.1694139	2.796678
#2	.0595217	.0584413	1.737207	.0816165	.1718903	2.744117
#3	.0520668	.0574951	1.723272	.0873401	.1691498	2.882789

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.125063	.0552948	.0590549	109.2453	.2423183	.5817945
Stddev	.071530	.0011837	.0000738	2.6366	.0008211	.0006884
%RSD	2.288907	2.140674	.1248762	2.413423	.3388693	.1183219

#1	3.106255	.0550232	.0591348	108.2856	.2416843	.5825605
#2	3.064816	.0542706	.0590405	107.2231	.2420247	.5815955
#3	3.204117	.0565907	.0589895	112.2273	.2432459	.5812276

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3651202	2.576585	2.184419	14.24292	.5613562	.0338355
Stddev	.0065139	.065136	.053025	.34208	.0014102	.0002699
%RSD	1.784048	2.527997	2.427412	2.401766	.2512112	.7976911

#1	.3632196	2.570748	2.169803	14.13189	.5621650	.0341039
#2	.3597679	2.514564	2.140235	13.97014	.5621758	.0335641
#3	.3723730	2.644443	2.243219	14.62672	.5597279	.0338386

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1332.414	.5838466	.8178074	5.443747	.0127176	.1093393
Stddev	28.109	.0167606	.0092633	.175551	.0002763	.0020769
%RSD	2.109641	2.870727	1.132701	3.224817	2.172329	1.899508

#1	1325.575	.5811534	.8083179	5.437313	.0124957	.1078477
#2	1308.355	.5685956	.8268266	5.271501	.0130270	.1084588
#3	1363.311	.6017907	.8182778	5.622426	.0126300	.1117114

Sample Name: I4413-04 Acquired: 8/5/2017 19:32:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003257	1.918507	4.300022	.0044539	.0072728	.0010263
Stddev	.0004280	.020639	.075743	.0017730	.0004194	.0000096
%RSD	131.4016	1.075784	1.761455	39.80741	5.766379	.9381788

#1	.0006842	1.932073	4.282439	.0024645	.0075705	.0010369
#2	-.000148	1.928692	4.234617	.0050302	.0067932	.0010240
#3	.000441	1.894755	4.383010	.0058670	.0074547	.0010181

Elem	Sr4077
Units	ppm
Avg	.0485410
Stddev	.0009911
%RSD	2.041672

#1	.0483165
#2	.0476814
#3	.0496250

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1034.702	1776.021	40357.22	10136.10	2458.498
Stddev	7.428	4.201	142.77	181.49	3.629
%RSD	.7179330	.2365216	.3537541	1.790499	.1475902

#1	1040.469	1778.426	40488.62	10190.97	2458.098
#2	1026.320	1778.466	40205.31	10283.81	2455.087
#3	1037.318	1771.170	40377.72	9933.50	2462.310

Sample Name: I4413-02LX5 Acquired: 8/5/2017 19:36:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038654	-.001681	.3418507	.0007800	.0101053	.1005946	.1471832
Stddev	.0011961	.001599	.0036350	.0025375	.0004790	.0017232	.0006214
%RSD	30.94283	95.09116	1.063342	325.3061	4.740457	1.713032	.4222234

#1	.0052462	-.003062	.3459601	.0037023	.0103165	.0989420	.1476972
#2	.0031489	-.002052	.3390553	-.000496	.0095570	.1023807	.1473598
#3	.0032012	.000070	.3405369	-.000867	.0104425	.1004612	.1464925

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000033	.0000312	20.68087	-.000634	.0005978	.0116313	.2597710
Stddev	.000070	.0000303	.08325	.000378	.0000894	.0004986	.0028090
%RSD	212.4421	97.11755	.4025476	59.57586	14.95940	4.286835	1.081344

#1	-.000077	.0000268	20.62126	-.001066	.0005005	.0121591	.2568758
#2	.000048	.0000033	20.64536	-.000474	.0006165	.0111682	.2599523
#3	-.000070	.0000635	20.77598	-.000363	.0006765	.0115666	.2624851

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3075270	2.752546	.0025489	.0004946	249.4427	-.000553	.0426300
Stddev	.0017405	.025871	.0004760	.0001512	.9505	.001061	.0029165
%RSD	.5659640	.9399108	18.67317	30.56266	.3810492	192.1007	6.841470

#1	.3087464	2.779372	.0021238	.0005987	249.2875	-.001471	.0410047
#2	.3055338	2.727749	.0030632	.0003212	250.4613	.000610	.0459970
#3	.3083010	2.750518	.0024599	.0005640	248.5794	-.000796	.0408882

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.042354	.0025029	.0210857	.0002068	.3443415	.8172826	.0003929
Stddev	.016204	.0002795	.0006822	.0002470	.0043789	.0089756	.0008810
%RSD	1.554583	11.16811	3.235400	119.4393	1.271662	1.098222	224.2233

#1	1.037942	.0021954	.0218135	.0001563	.3486553	.8239848	.0013104
#2	1.060308	.0025714	.0204608	.0004751	.3399003	.8207776	-.000447
#3	1.028814	.0027417	.0209829	-.000011	.3444689	.8070852	.000315

Sample Name: I4413-02LX5 Acquired: 8/5/2017 19:36:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Z0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013439	.0008925	.0092791
Stddev	.0007730	.0000189	.0000391
%RSD	57.51741	2.118499	.4215881

#1	.0004558	.0009143	.0093040
#2	.0018652	.0008812	.0092993
#3	.0017108	.0008820	.0092341

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1117.341	1979.134	43742.40	10267.46	2939.761
Stddev	86.836	16.479	3440.80	41.51	22.320
%RSD	7.771652	.8326356	7.866060	.4042559	.7592526

#1	1116.175	1961.318	43915.79	10223.49	2914.167
#2	1031.094	1993.831	40218.18	10272.93	2955.183
#3	1204.754	1982.252	47093.23	10305.96	2949.934

Sample Name: I4412-01 Acquired: 8/5/2017 19:40:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079368	-.001055	.0114388	-.001139	.0011205	.9569757	.1407637
Stddev	.0015395	.001397	.0003581	.000629	.0001434	.0065452	.0000634
%RSD	19.39695	132.4112	3.130867	55.18683	12.80184	.6839518	.0450288

#1	.0063859	-.002286	.0112836	-.000720	.0011592	.9623096	.1406921
#2	.0094647	.000463	.0118483	-.000835	.0009616	.9589459	.1408124
#3	.0079597	-.001343	.0111844	-.001862	.0012406	.9496717	.1407868

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000462	.0000519	26.98955	.0013134	.0005568	.0222222	3.605635
Stddev	.0000255	.0000208	.10973	.0005819	.0002180	.0005812	.012843
%RSD	55.15090	40.12590	.4065790	44.30362	39.14538	2.615435	.3561942

#1	.0000327	.0000296	27.09503	.0007548	.0004424	.0220270	3.613865
#2	.0000303	.0000553	26.99763	.0012694	.0004199	.0217638	3.612204
#3	.0000756	.0000709	26.87601	.0019161	.0008081	.0228759	3.590836

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0919977	6.358460	.0089853	.0002947	1.873274	.0022717	.0755865
Stddev	.0005623	.032256	.0000576	.0001241	.020954	.0015620	.0016633
%RSD	.6112574	.5072996	.6416022	42.10878	1.118592	68.76029	2.200486

#1	.0926321	6.391464	.0089277	.0003504	1.856667	.0023283	.0774560
#2	.0915607	6.327007	.0089850	.0003812	1.866337	.0006821	.0750328
#3	.0918003	6.356910	.0090430	.0001525	1.896817	.0038046	.0742706

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.232746	.0059604	.0559880	.0000942	15.93455	3.751405	-.000819
Stddev	.028079	.0003442	.0005134	.0002074	.08650	.010638	.001154
%RSD	1.257578	5.775617	.9169900	220.1418	.5428706	.2835691	140.8200

#1	2.211352	.0062911	.0562385	-.000120	15.90972	3.748702	-.000557
#2	2.222344	.0059860	.0563281	.000294	16.03075	3.763133	.000181
#3	2.264541	.0056041	.0553974	.000108	15.86317	3.742379	-.002082

Sample Name: I4412-01 Acquired: 8/5/2017 19:40:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Y4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0316128	-.000231	.0127994
Stddev	.0003943	.000043	.0000095
%RSD	1.247111	18.68924	.0742039

#1	.0312105	-.000271	.0128102
#2	.0316293	-.000239	.0127951
#3	.0319985	-.000185	.0127927

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1258.026	2188.305	49332.68	10798.28	3521.211
Stddev	2.610	15.828	187.82	22.85	27.856
%RSD	.2074932	.7232866	.3807196	.2116431	.7910920

#1	1255.752	2182.482	49176.77	10790.10	3514.185
#2	1260.876	2176.213	49280.08	10780.64	3497.541
#3	1257.449	2206.219	49541.19	10824.10	3551.908

Sample Name: I4412-02 Acquired: 8/5/2017 19:44:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056134	-.000432	.0184896	.0009464	.0046917	.4413352	.1176727
Stddev	.0023943	.000361	.0008410	.0023547	.0010144	.0026045	.0001401
%RSD	42.65402	83.59069	4.548292	248.7932	21.61976	.5901361	.1191032

#1	.0083685	-.000635	.0191417	.0026430	.0048837	.4443225	.1177153
#2	.0040359	-.000015	.0175404	.0019382	.0035951	.4401417	.1177865
#3	.0044358	-.000646	.0187866	-.001742	.0055964	.4395413	.1175161

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000723	.0000230	37.18434	.0012182	-.000174	.0147348	1.144902
Stddev	.0000354	.0000411	.16926	.0002423	.000090	.0005702	.003458
%RSD	49.02993	178.8090	.4551953	19.88598	51.95796	3.869900	.3019961

#1	.0001030	.0000413	37.33323	.0011700	-.000142	.0147554	1.143068
#2	.0000335	.0000518	37.00025	.0010036	-.000103	.0141546	1.142748
#3	.0000804	-.000024	37.21956	.0014809	-.000276	.0152944	1.148890

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0397585	5.009780	.0057353	.0003903	1.260420	.0008858	.0372874
Stddev	.0005005	.020095	.0001122	.0002775	.106600	.0013826	.0008895
%RSD	1.258799	.4011209	1.956672	71.11579	8.457517	156.0811	2.385544

#1	.0402903	4.992172	.0056058	.0003096	1.215867	.0010356	.0372852
#2	.0392967	5.005496	.0057963	.0006992	1.183324	.0021874	.0381781
#3	.0396886	5.031672	.0058038	.0001620	1.382069	-.000566	.0363991

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.733260	.0033456	.0329034	.0004400	14.20868	3.177049	-.001931
Stddev	.007932	.0000978	.0007153	.0002325	.04491	.010541	.000649
%RSD	.2901945	2.923031	2.174072	52.84002	.3160683	.3317778	33.62596

#1	2.734554	.0032381	.0321350	.0002307	14.22231	3.172463	-.001707
#2	2.724760	.0034292	.0330251	.0003990	14.24520	3.169578	-.001423
#3	2.740465	.0033696	.0335501	.0006902	14.15854	3.189106	-.002662

Sample Name: I4412-02 Acquired: 8/5/2017 19:44:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0157793	.0000359	.0166669
Stddev	.0001745	.0000788	.0000540
%RSD	1.105972	219.4225	.3242716

#1	.0159688	.0000679	.0167228
#2	.0156253	.0000937	.0166149
#3	.0157437	-.000054	.0166630

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1238.085	2152.941	48647.27	10645.85	3461.211
Stddev	9.947	5.087	104.51	23.12	7.649
%RSD	.8033846	.2362715	.2148370	.2172085	.2209908

#1	1244.124	2148.940	48539.99	10643.97	3453.373
#2	1226.605	2151.217	48653.04	10669.85	3461.605
#3	1243.526	2158.666	48748.78	10623.72	3468.656

Sample Name: I4412-06 Acquired: 8/5/2017 19:48:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121797	.0005696	.1932529	-.001273	.0385580	.7366420	.1571329
Stddev	.0007979	.0012409	.0002484	.000966	.0012246	.0039872	.0010644
%RSD	6.551164	217.8728	.1285311	75.90243	3.176065	.5412612	.6773818

#1	.0116913	.0003351	.1933572	-.000607	.0394233	.7331892	.1559633
#2	.0131005	-.000537	.1934322	-.002381	.0390938	.7410058	.1580447
#3	.0117473	.001911	.1929694	-.000831	.0371567	.7357309	.1573908

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000616	-.000003	26.30846	-.000046	.0011589	.0597622	3.272390
Stddev	.0000743	.000061	.09331	.000182	.0001717	.0002314	.015377
%RSD	120.6089	1954.560	.3546927	397.1867	14.81727	.3871805	.4699025

#1	.0001214	.000067	26.27371	.000103	.0013350	.0600216	3.260235
#2	.0000850	-.000036	26.23751	.000009	.0009920	.0596878	3.267258
#3	-.000022	-.000040	26.41416	-.000250	.0011496	.0595772	3.289677

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2381281	3.979829	.0069329	.0002937	1.525991	.0019523	.0898448
Stddev	.0017739	.008602	.0003707	.0000442	.077196	.0010945	.0006045
%RSD	.7449194	.2161369	5.347683	15.06203	5.058736	56.06571	.6728071

#1	.2380379	3.972154	.0066188	.0002658	1.540402	.0007357	.0903081
#2	.2364010	3.989126	.0068379	.0003447	1.594966	.0022637	.0891611
#3	.2399453	3.978207	.0073419	.0002706	1.442605	.0028573	.0900654

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.246850	.0072395	.0703329	-.000147	14.06559	3.705268	-.000505
Stddev	.014843	.0000319	.0013729	.000268	.08537	.005003	.000439
%RSD	.4571424	.4398891	1.951967	181.7713	.6069721	.1350189	86.92607

#1	3.229769	.0072711	.0700866	-.000397	14.12987	3.710803	-.000397
#2	3.256611	.0072074	.0690999	-.000180	14.09819	3.701068	-.000987
#3	3.254170	.0072400	.0718123	.000135	13.96872	3.703933	-.000130

Sample Name: I4412-06 Acquired: 8/5/2017 19:48:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0219495	-.000006	.0136254
Stddev	.0008952	.000046	.0000496
%RSD	4.078526	719.7895	.3639053

#1	.0212356	-.000027	.0135761
#2	.0216590	.000047	.0136753
#3	.0229539	-.000039	.0136248

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1260.569	2176.125	49158.89	10753.60	3510.103
Stddev	8.980	14.381	144.10	27.98	17.513
%RSD	.7123436	.6608527	.2931276	.2601847	.4989203

#1	1251.996	2175.337	49147.90	10732.42	3506.357
#2	1269.906	2162.155	49308.17	10785.32	3494.767
#3	1259.803	2190.885	49020.61	10743.07	3529.186

Sample Name: I4412-07 Acquired: 8/5/2017 19:53:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068690	-.001087	2.408754	-.003333	.2792112	.3951512	.1776895
Stddev	.0023144	.001255	.030727	.001564	.0021363	.0008132	.0004800
%RSD	33.69247	115.4797	1.275623	46.91960	.7651213	.2057956	.2701091

#1	.0044465	-.000231	2.443760	-.003840	.2814796	.3950657	.1772376
#2	.0090574	-.002528	2.396257	-.001579	.2789165	.3943841	.1781933
#3	.0071033	-.000502	2.386245	-.004581	.2772376	.3960037	.1776378

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000237	.0000601	29.03895	.0006530	.0003832	.0680980	1.619604
Stddev	.0000648	.0000661	.04893	.0004634	.0000776	.0002547	.003455
%RSD	272.9577	110.0128	.1684886	70.97730	20.25897	.3739875	.2133198

#1	.0000869	.0000792	29.09413	.0007234	.0003067	.0683891	1.620768
#2	.0000268	-.000013	29.00085	.0001583	.0003811	.0679165	1.615717
#3	-.000043	.000115	29.02188	.0010771	.0004619	.0679884	1.622326

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1141346	2.894215	.0043418	.0008385	1.296021	.0004114	.0400533
Stddev	.0002260	.018910	.0004065	.0001623	.031134	.0012008	.0031894
%RSD	.1979824	.6533863	9.362504	19.35366	2.402263	291.8884	7.962914

#1	.1143770	2.912886	.0045267	.0006905	1.261700	-.000014	.0365895
#2	.1139298	2.875074	.0038757	.0010121	1.303916	.001767	.0407016
#3	.1140971	2.894683	.0046230	.0008131	1.322448	-.000519	.0428687

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9535391	.0021674	.0261899	-.000138	13.13441	2.373880	.0028218
Stddev	.0255550	.0001416	.0011298	.000298	.22475	.016929	.0006316
%RSD	2.680019	6.534496	4.313795	215.7667	1.711168	.7131332	22.38164

#1	.9323598	.0021898	.0260866	-.000442	13.39365	2.393056	.0035247
#2	.9819231	.0020159	.0273678	.000153	13.01517	2.361007	.0023021
#3	.9463345	.0022965	.0251153	-.000124	12.99440	2.367576	.0026385

Sample Name: I4412-07 Acquired: 8/5/2017 19:53:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0113849	.0000900	.0161038
Stddev	.0003572	.0000094	.0000088
%RSD	3.137302	10.45943	.0548442

#1	.0112767	.0000808	.0161046
#2	.0110943	.0000897	.0161123
#3	.0117836	.0000996	.0160947

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1247.532	2129.802	48996.06	10779.82	3462.305
Stddev	2.522	23.250	411.85	28.88	40.974
%RSD	.2021519	1.091649	.8405729	.2679382	1.183439

#1	1249.651	2103.026	48776.50	10770.80	3415.385
#2	1248.202	2141.494	49471.17	10812.14	3480.497
#3	1244.743	2144.884	48740.51	10756.52	3491.033

Sample Name: I4412-08 Acquired: 8/5/2017 19:57:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088646	-.000178	.2570896	-.003534	.0404914	.8500217	.1486755
Stddev	.0005704	.000667	.0016302	.001430	.0015310	.0190463	.0007486
%RSD	6.434439	375.1841	.6341095	40.47529	3.781096	2.240686	.5034839

#1	.0088108	.000504	.2555928	-.001935	.0420633	.8453420	.1485971
#2	.0083230	-.000828	.2588266	-.004693	.0404059	.8709717	.1494602
#3	.0094599	-.000209	.2568493	-.003972	.0390049	.8337514	.1479692

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000390	-.000011	21.07561	.0007660	.0017935	.0472434	3.831699
Stddev	.0000430	.000105	.03240	.0003043	.0001462	.0006622	.017181
%RSD	110.2855	922.9277	.1537520	39.72747	8.149003	1.401567	.4483785

#1	.0000763	-.000113	21.09331	.0008758	.0018252	.0467033	3.811996
#2	-.000008	.000096	21.03821	.0010001	.0019212	.0470448	3.843549
#3	.000049	-.000017	21.09531	.0004220	.0016341	.0479821	3.839553

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3085576	2.827574	.0067111	.0004759	1.381599	.0012154	.0575306
Stddev	.0009042	.017299	.0004381	.0001857	.077498	.0004834	.0009766
%RSD	.2930434	.6117957	6.528096	39.02758	5.609301	39.77313	1.697602

#1	.3091877	2.819522	.0062568	.0002882	1.312783	.0006581	.0583585
#2	.3075216	2.815768	.0071310	.0004799	1.465547	.0014669	.0564535
#3	.3089635	2.847431	.0067454	.0006596	1.366467	.0015212	.0577797

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.293760	.0035566	.0378701	-.000075	12.63488	3.343665	-.000180
Stddev	.021539	.0001038	.0003510	.000025	.03829	.023935	.000271
%RSD	.9390375	2.917253	.9269844	34.14183	.3030107	.7158202	149.9410

#1	2.307062	.0035294	.0374667	-.000104	12.59816	3.320775	-.000099
#2	2.305310	.0036713	.0380372	-.000057	12.67456	3.368523	-.000482
#3	2.268909	.0034692	.0381064	-.000063	12.63191	3.341697	.000040

Sample Name: I4412-08 Acquired: 8/5/2017 19:57:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0317234	-.000018	.0114588
Stddev	.0006502	.000020	.0000394
%RSD	2.049492	112.2645	.3436776

#1	.0309786	-.000005	.0114292
#2	.0320146	-.000007	.0115035
#3	.0321772	-.000040	.0114439

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1259.090	2170.398	49335.32	10823.83	3515.378
Stddev	15.881	9.150	240.62	6.66	9.918
%RSD	1.261347	.4215969	.4877244	.0615099	.2821362

#1	1247.261	2165.665	49134.76	10831.42	3518.938
#2	1252.869	2164.585	49269.08	10818.97	3504.172
#3	1277.140	2180.946	49602.13	10821.10	3523.026

Sample Name: I4412-09 Acquired: 8/5/2017 20:01:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ306 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091822	-.000320	6.285347	-.003120	.4413834	.5307847	.2128151
Stddev	.0002114	.000836	.013299	.002839	.0018491	.0034828	.0002976
%RSD	2.302662	261.1894	.2115871	91.00921	.4189278	.6561588	.1398265

#1	.0093192	.000610	6.298292	-.002158	.4417226	.5268043	.2131245
#2	.0092888	-.000560	6.286029	-.006315	.4430394	.5332718	.2127900
#3	.0089387	-.001010	6.271720	-.000886	.4393882	.5322781	.2125309

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000114	.0006138	29.23184	-.000137	.0013868	.1348566	1.433101
Stddev	.0000274	.0000352	.06211	.000330	.0000392	.0005081	.007740
%RSD	240.6811	5.727214	.2124812	240.7093	2.829051	.3767816	.5400856

#1	.0000391	.0005994	29.16021	-.000157	.0013415	.1353308	1.425976
#2	-.000016	.0005882	29.27076	-.000457	.0014071	.1349188	1.441336
#3	.000011	.0006539	29.26455	.000202	.0014116	.1343203	1.431990

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2658669	1.997884	.0052739	.0007616	1.348983	.0011003	.1104455
Stddev	.0010414	.025059	.0004711	.0001262	.038608	.0013774	.0016166
%RSD	.3916879	1.254267	8.932659	16.56510	2.862038	125.1905	1.463688

#1	.2653930	1.997322	.0058026	.0006399	1.391903	.0021866	.1099271
#2	.2651468	1.973110	.0048988	.0007530	1.317080	-.000449	.1122576
#3	.2670609	2.023218	.0051204	.0008918	1.337968	.001563	.1091517

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.351949	.0027145	.0329712	.0001136	13.17049	2.741741	.0049662
Stddev	.038489	.0001384	.0007556	.0002153	.03692	.019603	.0010449
%RSD	1.636459	5.097601	2.291650	189.6117	.2803597	.7149795	21.04012

#1	2.383314	.0027823	.0321578	.0003259	13.18988	2.752028	.0046180
#2	2.308998	.0025553	.0336512	.0001194	13.19368	2.754059	.0061407
#3	2.363534	.0028059	.0331047	-.000105	13.12791	2.719135	.0041399

Sample Name: I4412-09 Acquired: 8/5/2017 20:01:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ306 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0196290	-.000000	.0169591
Stddev	.0023517	.000027	.0000408
%RSD	11.98084	13365.87	.2406036

#1	.0223223	-.000025	.0169677
#2	.0179817	.000028	.0169950
#3	.0185832	-.000003	.0169147

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1245.377	2145.410	48891.74	10752.81	3478.251
Stddev	8.221	4.895	68.85	27.31	3.219
%RSD	.6601181	.2281388	.1408293	.2539837	.0925532

#1	1254.840	2139.765	48956.01	10729.92	3479.852
#2	1241.294	2147.990	48900.12	10745.48	3474.545
#3	1239.997	2148.474	48819.07	10783.04	3480.355

Sample Name: I4413-01 Acquired: 8/5/2017 20:05:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001849	-.009847	.2096957	.0119385	.0131296	.3975188
Stddev	.002219	.001201	.0023965	.0025058	.0017210	.0259168
%RSD	120.0360	12.19176	1.142866	20.98878	13.10783	6.519632

#1	.000540	-.011101	.2072224	.0122443	.0150439	.3804265
#2	-.002241	-.009734	.2120073	.0142774	.0126343	.3847912
#3	-.003845	-.008708	.2098573	.0092940	.0117105	.4273386

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8063712	.0000240	.0009381	124.7422	.0007505	.0089063
Stddev	.0406634	.0000621	.0001129	5.9343	.0003905	.0001432
%RSD	5.042759	258.4260	12.03266	4.757253	52.03182	1.607478

#1	.7811428	.0000352	.0008084	120.8609	.0005233	.0088386
#2	.7846904	-.000043	.0009913	121.7923	.0005268	.0090707
#3	.8532805	.000080	.0010145	131.5734	.0012014	.0088095

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0494716	1.177972	2.255023	13.12371	.0143715	.0007859
Stddev	.0020097	.067481	.112469	.64384	.0005029	.0005851
%RSD	4.062258	5.728595	4.987489	4.905945	3.499658	74.45915

#1	.0481504	1.138131	2.181928	12.72737	.0137933	.0010627
#2	.0484799	1.139899	2.198607	12.77715	.0146130	.0011812
#3	.0517843	1.255886	2.384533	13.86660	.0147082	.0001137

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1261.985	.0000170	.2266227	6.724634	.0107836	.1004521
Stddev	63.437	.0010063	.0105923	.370853	.0002087	.0047084
%RSD	5.026798	5906.568	4.673999	5.514847	1.935528	4.687204

#1	1222.266	-.000966	.2258639	6.499027	.0108382	.0967869
#2	1228.544	-.000028	.2375740	6.522226	.0109596	.0988072
#3	1335.147	.001045	.2164301	7.152649	.0105530	.1057623

Sample Name: I4413-01 Acquired: 8/5/2017 20:05:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Y7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000126	1.589508	4.374367	.0006100	.0035127	.0006027
Stddev	.0001740	.022234	.176541	.0019769	.0005427	.0000543
%RSD	1381.822	1.398770	4.035797	324.0732	15.45058	9.003018

#1	-.000125	1.564958	4.226989	.0005519	.0038803	.0005557
#2	-.000045	1.608287	4.326089	-.001337	.0037684	.0005902
#3	.000208	1.595279	4.570025	.002615	.0028893	.0006621

Elem	Sr4077
Units	ppm
Avg	.0567345
Stddev	.0027611
%RSD	4.866649

#1	.0549108
#2	.0553815
#3	.0599111

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1040.333	1792.731	40553.07	9964.155	2489.786
Stddev	40.883	19.485	1460.84	394.691	24.582
%RSD	3.929829	1.086867	3.602289	3.961106	.9872982

#1	1060.060	1814.078	41562.47	10241.52	2516.527
#2	993.326	1788.212	38877.95	10138.66	2484.656
#3	1067.612	1775.903	41218.78	9512.29	2468.173

Sample Name: I4413-05 Acquired: 8/5/2017 20:09:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003205	-.009664	1.006895	.0097647	.0638440	.3892533
Stddev	.004344	.002716	.004770	.0013087	.0005386	.0067914
%RSD	135.5599	28.10439	.4737336	13.40233	.8435596	1.744717

#1	-.000963	-.007297	1.001569	.0099868	.0632222	.3966755
#2	-.000439	-.009067	1.008342	.0109482	.0641545	.3833500
#3	-.008212	-.012629	1.010774	.0083592	.0641554	.3877344

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5726890	.0001123	.0008061	66.74173	.0002099	.0133737
Stddev	.0147112	.0000358	.0000748	1.89012	.0005377	.0002218
%RSD	2.568800	31.87130	9.281436	2.831994	256.1142	1.658552

#1	.5896280	.0000974	.0008829	68.89545	.0007959	.0136289
#2	.5631135	.0001531	.0008018	65.35879	.0000947	.0132652
#3	.5653256	.0000863	.0007335	65.97096	-.000261	.0132270

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0718347	1.671095	2.255572	6.996599	.0197340	.0004780
Stddev	.0020902	.046956	.065249	.165339	.0002909	.0001909
%RSD	2.909760	2.809875	2.892794	2.363137	1.473830	39.93217

#1	.0740975	1.725217	2.329387	7.185074	.0198873	.0005905
#2	.0699763	1.641213	2.205591	6.876001	.0193986	.0002576
#3	.0714301	1.646856	2.231738	6.928721	.0199161	.0005859

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1276.457	-.000929	.2960888	5.701248	.0138012	.0837791
Stddev	33.119	.000912	.0054911	.150626	.0004456	.0027559
%RSD	2.594577	98.20660	1.854558	2.641979	3.228325	3.289460

#1	1314.571	.000103	.2915775	5.873945	.0142867	.0866741
#2	1254.689	-.001627	.3022030	5.597017	.0137057	.0811874
#3	1260.111	-.001262	.2944860	5.632781	.0134111	.0834758

Sample Name: I4413-05 Acquired: 8/5/2017 20:09:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000255	1.151377	2.944548	.0033804	.0048683	.0002348
Stddev	.000030	.001684	.059591	.0003188	.0007352	.0000316
%RSD	11.68718	.1462328	2.023780	9.430655	15.10268	13.44663

#1	-.000287	1.150419	3.009373	.0030385	.0040386	.0002691
#2	-.000228	1.150391	2.892151	.0036695	.0054388	.0002070
#3	-.000250	1.153321	2.932121	.0034332	.0051276	.0002283

Elem	Sr4077
Units	ppm
Avg	.0344925
Stddev	.0009362
%RSD	2.714299

#1	.0355695
#2	.0338722
#3	.0340359

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1048.175	1825.208	40511.73	10153.29	2540.654
Stddev	3.042	4.876	79.72	240.62	1.882
%RSD	.2901954	.2671528	.1967796	2.369888	.0740753

#1	1046.365	1820.631	40575.32	9880.30	2538.483
#2	1046.473	1824.657	40537.57	10334.59	2541.671
#3	1051.686	1830.336	40422.30	10244.97	2541.809

Sample Name: I4413-06 Acquired: 8/5/2017 20:13:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0473655	-.009327	F 380.5077	.0059946	.7857014	.1686999
Stddev	.0026650	.003596	2.1459	.0008321	.0075968	.0141763
%RSD	5.626409	38.55859	.5639560	13.88131	.9668793	8.403290

#1	.0478906	-.013091	382.5879	.0064852	.7868256	.1722961
#2	.0444771	-.005926	380.6337	.0064647	.7926735	.1530718
#3	.0497289	-.008962	378.3017	.0050338	.7776052	.1807318

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.019920	.0000149	.0046896	83.45110	-.002022	.0380310
Stddev	.001691	.0000356	.0002214	.25533	.000491	.0003082
%RSD	.1657844	239.9238	4.721952	.3059668	24.28820	.8103050

#1	1.021258	-.000019	.0049047	83.46444	-.002250	.0383640
#2	1.018020	.000052	.0047016	83.69951	-.001458	.0379730
#3	1.020482	.000011	.0044623	83.18937	-.002357	.0377559

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.150550	.3606798	3.337998	4.074885	.0619774	.0008704
Stddev	.006267	.0016100	.007089	.052829	.0003640	.0001610
%RSD	.2914170	.4463683	.2123684	1.296454	.5872542	18.49819

#1	2.157783	.3589540	3.341481	4.079878	.0618100	.0006845
#2	2.146725	.3621411	3.342671	4.125040	.0623949	.0009606
#3	2.147143	.3609443	3.329841	4.019736	.0617272	.0009661

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1308.823	.0000188	.9798382	2.987661	-.008015	.0419254
Stddev	2.353	.0009165	.0087806	.022305	.000175	.0015544
%RSD	.1798041	4874.605	.8961252	.7465676	2.186107	3.707567

#1	1310.533	.0001850	.9866282	3.011238	-.008064	.0406574
#2	1309.796	.0008408	.9699224	2.984850	-.007820	.0436595
#3	1306.139	-.000969	.9829640	2.966894	-.008160	.0414593

Sample Name: I4413-06 Acquired: 8/5/2017 20:13:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000248	.6278387	2.662969	.0007875	-.000404	.0003722
Stddev	.000216	.0098742	.014651	.0008789	.000482	.0000183
%RSD	87.03580	1.572723	.5501764	111.6047	119.2279	4.910005

#1	-.000481	.6375207	2.660724	.0014366	.000055	.0003514
#2	-.000055	.6282125	2.678614	-.000213	-.000906	.0003794
#3	-.000207	.6177830	2.649571	.001138	-.000361	.0003858

Elem	Sr4077
Units	ppm
Avg	.0417086
Stddev	.0000962
%RSD	.2305807

#1	.0418158
#2	.0416800
#3	.0416299

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1040.590	1822.164	43202.12	10189.65	2530.961
Stddev	9.150	15.794	244.71	20.40	15.819
%RSD	.8792978	.8667836	.5664233	.2002242	.6250123

#1	1042.981	1813.392	43190.37	10168.38	2519.502
#2	1048.307	1812.702	43452.49	10191.51	2524.371
#3	1030.482	1840.397	42963.50	10209.05	2549.009

Sample Name: I4413-07 Acquired: 8/5/2017 20:17:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ2Z9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059374	-.011362	13.46276	.0114958	.2558114	.3824761
Stddev	.0024324	.001391	.03477	.0054263	.0021688	.0074088
%RSD	40.96684	12.24389	.2582578	47.20259	.8478274	1.937076

#1	.0058053	-.012968	13.42357	.0115485	.2572209	.3794627
#2	.0035738	-.010548	13.47480	.0060433	.2568994	.3770488
#3	.0084331	-.010569	13.48990	.0168956	.2533139	.3909168

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5225409	.0000539	.0005864	47.55307	-.000113	.0216062
Stddev	.0011917	.0000912	.0001265	.09132	.000521	.0002257
%RSD	.2280496	169.0579	21.57727	.1920310	461.3371	1.044362

#1	.5213814	.0001343	.0006464	47.44780	-.000112	.0217271
#2	.5224790	.0000727	.0006717	47.61095	.000407	.0213458
#3	.5237623	-.000045	.0004410	47.60047	-.000634	.0217456

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3556344	1.196724	1.859846	3.971336	.0330390	.0006051
Stddev	.0028584	.005163	.003186	.032686	.0003187	.0003768
%RSD	.8037374	.4314338	.1713118	.8230447	.9647276	62.27787

#1	.3561244	1.201962	1.856182	3.961792	.0329301	.0009937
#2	.3525628	1.191639	1.861395	4.007732	.0333979	.0005801
#3	.3582162	1.196570	1.861962	3.944485	.0327890	.0002413

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1329.835	.0011061	.2152463	3.952197	.0044078	.0531996
Stddev	3.421	.0011542	.0013369	.043457	.0001061	.0016940
%RSD	.2572196	104.3450	.6211018	1.099573	2.406874	3.184141

#1	1326.066	.0014708	.2159253	3.908566	.0042868	.0537559
#2	1330.697	.0020338	.2161074	3.952545	.0044848	.0545455
#3	1332.742	-.000186	.2137062	3.995479	.0044517	.0512975

Sample Name: I4413-07 Acquired: 8/5/2017 20:17:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJJ2Z9 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001154	.4621065	2.485414	.0040758	.0108296	.0000650
Stddev	.0003220	.0040025	.042916	.0002969	.0006739	.0000117
%RSD	279.0219	.8661328	1.726719	7.283443	6.222546	18.01921

#1	.0004771	.4574986	2.436892	.0038909	.0115958	.0000518
#2	-.000140	.4647190	2.518393	.0039182	.0103289	.0000690
#3	.000009	.4641018	2.500957	.0044182	.0105641	.0000743

Elem	Sr4077
Units	ppm
Avg	.0250896
Stddev	.0000547
%RSD	.2179146

#1	.0250362
#2	.0250873
#3	.0251454

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1021.457	1793.320	40109.47	10264.37	2503.359
Stddev	1.044	5.094	141.49	7.38	5.537
%RSD	.1021680	.2840477	.3527687	.0719135	.2211759

#1	1022.145	1791.096	40234.81	10259.15	2505.956
#2	1020.256	1799.148	40137.58	10272.82	2507.119
#3	1021.969	1789.716	39956.04	10261.15	2497.001

Sample Name: I4413-08 Acquired: 8/5/2017 20:21:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ306 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0321563	-.007214	F 864.7666	.0065572	.8421405	.1014488
Stddev	.0009405	.001260	1.2298	.0022786	.0031494	.0095495
%RSD	2.924752	17.46330	.1422110	34.74970	.3739697	9.413094

#1	.0330404	-.008527	864.2659	.0063622	.8404008	.1109722
#2	.0322604	-.006015	866.1678	.0043824	.8457759	.0918734
#3	.0311681	-.007099	863.8662	.0089271	.8402447	.1015010

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.208010	.0000442	.0080578	79.20355	-.003021	.0587345
Stddev	.002055	.0000920	.0000540	.36085	.000165	.0008389
%RSD	.1701502	208.3089	.6704026	.4556013	5.476154	1.428240

#1	1.206996	-.000034	.0081183	78.91732	-.003212	.0585404
#2	1.210376	.000146	.0080407	79.08443	-.002928	.0596534
#3	1.206659	.000021	.0080144	79.60890	-.002924	.0580097

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.527280	4.060312	4.745192	2.660229	.0787412	.0007548
Stddev	.004403	.012245	.023379	.001285	.0003200	.0002104
%RSD	.2882961	.3015775	.4926854	.0483128	.4063272	27.87596

#1	1.530032	4.048506	4.730298	2.660390	.0783984	.0009977
#2	1.529607	4.059476	4.733141	2.661427	.0787935	.0006347
#3	1.522202	4.072953	4.772138	2.658872	.0790318	.0006319

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1335.932	-.001814	1.987006	4.789420	-.004213	.0342023
Stddev	.716	.000472	.112771	.021324	.000242	.0007264
%RSD	.0535740	26.01803	5.675440	.4452264	5.743932	2.123859

#1	1336.449	-.001581	1.926200	4.773412	-.003958	.0350266
#2	1336.231	-.001504	1.917687	4.781223	-.004440	.0339247
#3	1335.115	-.002358	2.117130	4.813626	-.004240	.0336557

Sample Name: I4413-08 Acquired: 8/5/2017 20:21:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJJ306 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000371	.9082834	2.737362	.0027273	-.001779	.0002593
Stddev	.000233	.0166603	.026493	.0004127	.000116	.0000592
%RSD	62.80558	1.834257	.9678449	15.13169	6.493361	22.83600

#1	-.000517	.8896087	2.711706	.0025267	-.001686	.0002393
#2	-.000102	.9216215	2.735761	.0024533	-.001744	.0003260
#3	-.000494	.9136199	2.764620	.0032019	-.001908	.0002127

Elem	Sr4077
Units	ppm
Avg	.0429138
Stddev	.0000339
%RSD	.0790317

#1	.0428774
#2	.0429445
#3	.0429195

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	987.4835	1757.318	46676.10	10201.23	2474.010
Stddev	47.5498	6.441	1837.54	22.55	3.876
%RSD	4.815246	.3665149	3.936799	.2210489	.1566732

#1	1011.527	1751.102	47583.81	10222.56	2473.446
#2	1018.210	1756.888	47883.16	10203.51	2470.447
#3	932.713	1763.963	44561.34	10177.63	2478.137

Sample Name: I4383-19 Acquired: 8/5/2017 20:25:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9B3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0648353	-.015095	.3350827	-.025900	.0026787	65.56237	1.536142
Stddev	.0036196	.002583	.0014972	.002618	.0008640	.15403	.004049
%RSD	5.582774	17.11459	.4468075	10.10787	32.25339	.2349368	.2635975

#1	.0659809	-.013413	.3335158	-.024387	.0035965	65.59519	1.537979
#2	.0607815	-.018070	.3352335	-.024389	.0018812	65.39458	1.531500
#3	.0677435	-.013803	.3364987	-.028923	.0025584	65.69735	1.538947

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048837	.0224701	169.0502	.0942981	.0800942	.5257967	127.3857
Stddev	.0000758	.0002002	.4084	.0006017	.0001472	.0023862	.1952
%RSD	1.552716	.8907468	.2415646	.6381363	.1837914	.4538244	.1532545

#1	.0048450	.0225471	168.6792	.0937777	.0802610	.5248228	127.2288
#2	.0049711	.0226203	168.9835	.0949570	.0799826	.5285158	127.3240
#3	.0048351	.0222429	169.4877	.0941594	.0800389	.5240515	127.6044

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.227575	94.25091	.1795119	.0010761	1.376346	.1857811	1.606433
Stddev	.007876	.16291	.0008954	.0002695	.099739	.0004020	.006157
%RSD	.1506718	.1728519	.4988030	25.04189	7.246657	.2163814	.3832840

#1	5.219629	94.27468	.1797965	.0011043	1.286508	.1853170	1.602261
#2	5.227716	94.07742	.1802304	.0007937	1.483673	.1860199	1.603534
#3	5.235380	94.40063	.1785087	.0013304	1.358857	.1860064	1.613505

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.04145	.8054137	-.310811	.0005227	1.643643	16.91865	-.000646
Stddev	.07146	.0025460	.001352	.0002534	.012092	.01214	.002526
%RSD	.5479356	.3161160	.4350894	48.48366	.7356975	.0717485	390.8819

#1	13.03333	.8038013	-.309287	.0006393	1.643379	16.90567	.002209
#2	12.97440	.8083489	-.311278	.0006969	1.655865	16.92972	-.001558
#3	13.11663	.8040909	-.311867	.0002320	1.631685	16.92058	-.002589

Sample Name: I4383-19 Acquired: 8/5/2017 20:25:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9B3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5590798	.0074952	.0271583
Stddev	.0019855	.0000168	.0000473
%RSD	.3551275	.2247248	.1742667

#1	.5568383	.0075125	.0271064
#2	.5597836	.0074942	.0271696
#3	.5606175	.0074789	.0271990

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1241.327	2163.859	50432.47	11628.19	2835.709
Stddev	2.929	5.307	61.33	13.97	8.494
%RSD	.2359841	.2452680	.1216127	.1201100	.2995297

#1	1244.351	2159.772	50477.65	11634.23	2829.082
#2	1241.129	2161.948	50457.12	11612.22	2832.762
#3	1238.503	2169.857	50362.65	11638.12	2845.284

Sample Name: I4383-20 Acquired: 8/5/2017 20:29:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9B4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0831282	-.010991	.3204466	-.021665	.0032144	65.92214	1.683465
Stddev	.0040807	.002014	.0012868	.002788	.0003563	.01594	.000813
%RSD	4.908922	18.32013	.4015544	12.87076	11.08367	.0241759	.0483222

#1	.0858701	-.009502	.3215809	-.021492	.0028618	65.90742	1.682683
#2	.0850759	-.010188	.3190483	-.018968	.0035742	65.91993	1.683405
#3	.0784385	-.013282	.3207105	-.024537	.0032070	65.93907	1.684306

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048981	.0406395	44.36336	.0937937	.0744651	.2400909	115.6427
Stddev	.0000869	.0001701	.03388	.0005856	.0005675	.0005857	.0272
%RSD	1.774501	.4184540	.0763701	.6243488	.7621209	.2439318	.0235525

#1	.0049261	.0405860	44.37936	.0936366	.0748013	.2395946	115.6348
#2	.0048006	.0408298	44.32444	.0944419	.0747842	.2399414	115.6203
#3	.0049676	.0405026	44.38627	.0933027	.0738099	.2407369	115.6730

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.109658	29.28943	.1431594	-.000462	.8131839	.1782466	1.503422
Stddev	.004291	.01687	.0004985	.000175	.0043359	.0003426	.010326
%RSD	.0839849	.0576033	.3482297	37.79161	.5332065	.1922059	.6868474

#1	5.107119	29.29125	.1430593	-.000421	.8180820	.1783754	1.505736
#2	5.107241	29.27173	.1437004	-.000654	.8116335	.1778582	1.512395
#3	5.114612	29.30532	.1427186	-.000312	.8098364	.1785061	1.492135

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.77448	.5673061	-.281402	-.000222	.8681287	21.01121	.0017934
Stddev	.04678	.0027773	.000935	.000262	.0021922	.03191	.0019365
%RSD	.3166154	.4895631	.3323896	118.0900	.2525233	.1518647	107.9812

#1	14.73822	.5672261	-.282246	-.000520	.8691230	21.03733	.0008659
#2	14.82728	.5701226	-.280396	-.000118	.8656155	20.97565	.0040192
#3	14.75793	.5645697	-.281564	-.000028	.8696475	21.02067	.0004951

Sample Name: I4383-20 Acquired: 8/5/2017 20:29:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9B4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6218917	.0066157	.0240609
Stddev	.0024404	.0000611	.0000487
%RSD	.3924072	.9232459	.2026103

#1	.6246151	.0066418	.0241004
#2	.6199033	.0066594	.0240759
#3	.6211568	.0065459	.0240064

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1297.823	2279.006	52061.68	11738.13	3086.240
Stddev	8.967	12.611	122.01	11.64	17.567
%RSD	.6909261	.5533540	.2343641	.0991743	.5692078

#1	1295.699	2271.621	51929.06	11724.69	3071.441
#2	1290.109	2271.830	52086.81	11744.84	3081.624
#3	1307.662	2293.568	52169.17	11744.87	3105.654

Sample Name: I4383-21 Acquired: 8/5/2017 20:33:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9B5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0621698	-.013601	.2753337	-.019518	.0020264	55.55695	1.568070
Stddev	.0043001	.000662	.0056307	.002531	.0018681	.23388	.000617
%RSD	6.916697	4.866041	2.045055	12.96881	92.18557	.4209759	.0393636

#1	.0589568	-.014361	.2734853	-.019832	.0014024	55.44851	1.568356
#2	.0604979	-.013149	.2708595	-.016844	.0005503	55.39697	1.567362
#3	.0670548	-.013294	.2816563	-.021877	.0041267	55.82537	1.568493

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043915	.0247002	169.2172	.0883161	.0758467	.2481025	110.0443
Stddev	.0000669	.0010451	2.4229	.0003793	.0025563	.0012946	.5455
%RSD	1.522538	4.231216	1.431799	.4294782	3.370301	.5218165	.4957503

#1	.0043552	.0238873	171.8537	.0878783	.0740207	.2466952	109.8128
#2	.0043507	.0243343	168.7094	.0885449	.0747513	.2483695	109.6527
#3	.0044687	.0258791	167.0885	.0885251	.0787682	.2492428	110.6674

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.478417	89.61733	.1657812	-.000931	1.054803	.1687564	1.199154
Stddev	.031903	1.19390	.0044419	.000271	.074772	.0010137	.002131
%RSD	.5823414	1.332215	2.679357	29.13006	7.088696	.6006642	.1776711

#1	5.460840	90.80860	.1622177	-.001130	1.088032	.1694315	1.197011
#2	5.459168	89.62256	.1643683	-.001041	.969176	.1675908	1.201272
#3	5.515243	88.42082	.1707577	-.000622	1.107200	.1692470	1.199178

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.16371	.7896539	-.266472	.0010087	1.797027	12.13341	-.001880
Stddev	.01763	.0129175	.002858	.0004317	.021216	.36635	.000472
%RSD	.1449027	1.635844	1.072380	42.79542	1.180622	3.019372	25.09554

#1	12.17188	.7846221	-.263425	.0011394	1.804897	11.78085	-.001396
#2	12.14348	.7800096	-.266898	.0005268	1.773000	12.10722	-.002338
#3	12.17577	.8043301	-.269092	.0013600	1.813183	12.51215	-.001905

Sample Name: I4383-21 Acquired: 8/5/2017 20:33:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9B5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4289865	.0060750	.0268155
Stddev	.0019755	.0000243	.0000444
%RSD	.4605024	.3999162	.1656765

#1	.4268178	.0061013	.0267782
#2	.4294584	.0060700	.0268646
#3	.4306833	.0060535	.0268036

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1282.887	2214.305	51119.53	11594.93	2906.247
Stddev	6.770	22.473	283.35	21.06	42.908
%RSD	.5276956	1.014909	.5542818	.1816422	1.476409

#1	1275.519	2226.770	50823.71	11593.53	2930.888
#2	1284.311	2227.783	51146.39	11616.66	2931.152
#3	1288.832	2188.362	51388.49	11574.61	2856.701

Sample Name: I4383-22 Acquired: 8/5/2017 20:38:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9B6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0612555	-.012594	.2770398	-.020324	.0033976	57.19127	1.629223
Stddev	.0024262	.001584	.0031694	.002911	.0007525	.20894	.001383
%RSD	3.960813	12.58058	1.144011	14.32337	22.14776	.3653312	.0848683

#1	.0608120	-.011131	.2806144	-.017936	.0042580	56.95018	1.628040
#2	.0590816	-.012375	.2745731	-.019470	.0030727	57.31985	1.630743
#3	.0638729	-.014277	.2759318	-.023567	.0028622	57.30377	1.628885

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045288	.0227606	172.5567	.0903394	.0731655	.2514329	113.0238
Stddev	.0001880	.0002200	.9628	.0001409	.0008635	.0004699	.7737
%RSD	4.150587	.9667054	.5579829	.1560143	1.180248	.1868682	.6845531

#1	.0044272	.0225747	173.4748	.0901766	.0727689	.2519583	112.2265
#2	.0047458	.0227035	172.6406	.0904198	.0725714	.2510530	113.0733
#3	.0044136	.0230035	171.5546	.0904217	.0741560	.2512875	113.7716

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.599627	91.55066	.1619654	-.000420	1.130149	.1689127	1.218410
Stddev	.038035	.65151	.0010050	.000162	.079148	.0010182	.013904
%RSD	.6792420	.7116362	.6204988	38.53209	7.003301	.6028208	1.141135

#1	5.558810	92.23760	.1610445	-.000380	1.116986	.1692728	1.224170
#2	5.605995	91.47278	.1618142	-.000598	1.215053	.1677633	1.202552
#3	5.634076	90.94158	.1630374	-.000282	1.058408	.1697019	1.228508

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.33961	.8164236	-.269765	.0007715	1.895103	14.23862	-.002338
Stddev	.04006	.0050926	.001002	.0002322	.007253	.08847	.001531
%RSD	.3246163	.6237719	.3712747	30.09206	.3827067	.6213560	65.48935

#1	12.29414	.8218652	-.270780	.0010396	1.898977	14.22505	-.001690
#2	12.35499	.8117725	-.269738	.0006368	1.886736	14.33310	-.001238
#3	12.36970	.8156331	-.268777	.0006382	1.899596	14.15772	-.004087

Sample Name: I4383-22 Acquired: 8/5/2017 20:38:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9B6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5716605	.0061653	.0273943
Stddev	.0051561	.0000237	.0000330
%RSD	.9019523	.3842163	.1204129

#1	.5765990	.0061424	.0274284
#2	.5720713	.0061897	.0273919
#3	.5663113	.0061639	.0273625

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1279.563	2218.641	50777.57	11586.06	2907.000
Stddev	12.280	2.898	228.78	67.64	5.071
%RSD	.9596838	.1306146	.4505570	.5838022	.1744247

#1	1265.391	2217.098	50521.80	11565.32	2901.228
#2	1286.236	2216.841	50848.19	11531.23	2909.040
#3	1287.061	2221.984	50962.71	11661.65	2910.734

Sample Name: CCV094 Acquired: 8/5/2017 20:42:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV094 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.051425	4.835691	25.06860	4.926513	4.909837	F 334.6622
Stddev	.038058	.046263	.17782	.038816	.046401	18.4768
%RSD	.7534133	.9566895	.7093187	.7878967	.9450669	5.521018

#1	5.043299	4.858406	25.07576	4.934912	4.899106	344.6663
#2	5.018086	4.782462	24.88731	4.884186	4.869742	313.3405
#3	5.092890	4.866205	25.24273	4.960442	4.960664	345.9797

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.579009	.4600244	2.601631	368.9259	15.27319	2.582883
Stddev	.539747	.0318134	.007665	30.1810	.07356	.014506
%RSD	5.634684	6.915587	.2946142	8.180767	.4816289	.5616298

#1	9.969161	.4737775	2.605856	388.3363	15.19293	2.580946
#2	8.963026	.4236482	2.592783	334.1544	15.33740	2.569443
#3	9.804840	.4826476	2.606253	384.2869	15.28924	2.598261

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.89386	F 347.8464	13.94006	367.3123	2.430771	1.354574
Stddev	1.24657	27.8670	1.14375	29.9705	.010572	.004555
%RSD	8.369675	8.011301	8.204743	8.159406	.4349370	.3362340

#1	15.66431	365.0199	14.65215	385.9186	2.432561	1.359129
#2	13.45567	315.6933	12.62077	332.7389	2.419417	1.350020
#3	15.56160	362.8261	14.54727	383.2793	2.440333	1.354572

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	360.8589	2.261556	16.09788	140.5455	5.391085	F 4.170410
Stddev	29.4788	.179522	.39553	11.5926	.027926	.296269
%RSD	8.169078	7.937994	2.457043	8.248296	.5180057	7.104079

#1	378.6524	2.379426	16.50150	147.3023	5.397538	4.304642
#2	326.8315	2.054945	15.71096	127.1597	5.360498	3.830783
#3	377.0927	2.350297	16.08118	147.1746	5.415221	4.375803

Sample Name: CCV094 Acquired: 8/5/2017 20:42:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV094 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.923395	5.087573	4.682463	4.832615	4.836351	4.974406
Stddev	.046940	.021533	.333937	.025806	.390313	.211852
%RSD	.9534034	.4232422	7.131662	.5340004	8.070396	4.258835

#1	4.918222	5.083664	4.836565	4.842525	5.083520	5.135475
#2	4.879256	5.068262	4.299301	4.803322	4.386386	4.734423
#3	4.972707	5.110792	4.911522	4.851997	5.039149	5.053319

Elem	Sr4077
Units	ppm
Avg	4.787641
Stddev	.197574
%RSD	4.126743

#1	4.910425
#2	4.559731
#3	4.892768

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	987.1323	1743.629	39914.17	10158.28	2248.194
Stddev	14.5352	24.976	349.41	702.61	25.513
%RSD	1.472468	1.432409	.8754065	6.916584	1.134811

#1	970.6000	1750.820	39597.82	9722.96	2252.733
#2	992.8921	1764.220	39855.47	10968.84	2271.132
#3	997.9050	1715.846	40289.21	9783.04	2220.716

Sample Name: CCB094 Acquired: 8/5/2017 20:46:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB094 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039358	-.001066	.0013597	-.004034	-.000425	.0117751	-.001723
Stddev	.0005961	.000373	.0004289	.001202	.001035	.0044197	.000117
%RSD	15.14458	35.01673	31.54196	29.79145	243.8462	37.53443	6.768275

#1	.0033717	-.001484	.0010853	-.005309	-.001420	.0167854	-.001850
#2	.0038762	-.000766	.0011399	-.003872	.000647	.0084297	-.001698
#3	.0045594	-.000949	.0018540	-.002922	-.000500	.0101100	-.001620

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000076	-.000021	.0088273	-.000628	-.000056	.0012799	.0095084
Stddev	.000073	.000055	.0011891	.000280	.000069	.0001758	.0046700
%RSD	96.31142	265.7549	13.47008	44.62627	122.2515	13.73986	49.11414

#1	-.000027	-.000001	.0082557	-.000497	.000014	.0012556	.0131001
#2	-.000040	.000022	.0080321	-.000437	-.000125	.0014666	.0111960
#3	-.000159	-.000083	.0101942	-.000950	-.000058	.0011174	.0042293

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001410	.0050879	.0002519	.0003779	.0654430	-.000513	.0022955
Stddev	.0003154	.0133590	.0003108	.0001616	.0386908	.001623	.0005355
%RSD	223.5999	262.5662	123.3636	42.75356	59.12137	316.1796	23.32687

#1	.0001019	.0074276	-.000107	.0005322	.0255427	-.002039	.0016844
#2	-.000153	.0171225	.000426	.0002100	.0679876	-.000692	.0025195
#3	.000474	-.009286	.000437	.0003915	.1027986	.001191	.0026825

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0266854	-.000044	-.000507	.0006337	.0124270	-.004998	.0006465
Stddev	.0080674	.000100	.000916	.0001783	.0012428	.000472	.0007308
%RSD	30.23156	227.2629	180.7568	28.13867	10.00104	9.449342	113.0395

#1	.0218383	.000037	.000029	.0007601	.0135342	-.004818	-.000176
#2	.0222196	-.000013	.000015	.0007113	.0110827	-.005534	.000894
#3	.0359982	-.000156	-.001565	.0004298	.0126641	-.004642	.001222

Sample Name: CCB094 Acquired: 8/5/2017 20:46:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB094 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002829	.0005593	.0001706
Stddev	.0002553	.0000494	.0000360
%RSD	90.26091	8.830295	21.10488

#1	.0002649	.0005530	.0002088
#2	.0000370	.0006116	.0001655
#3	.0005467	.0005134	.0001374

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1298.614	2191.876	50507.75	10592.85	3598.298
Stddev	12.633	23.745	201.48	47.11	45.273
%RSD	.9727699	1.083330	.3989025	.4447576	1.258179

#1	1284.145	2168.094	50324.64	10574.39	3547.145
#2	1304.245	2215.585	50475.01	10557.77	3633.211
#3	1307.452	2191.948	50723.59	10646.40	3614.537

Sample Name: I4390-01 Acquired: 8/5/2017 20:50:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9P7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0638031	-.012340	.4119813	-.026460	.0028960	73.39267	1.804233
Stddev	.0021632	.003152	.0039550	.003992	.0011515	.17486	.002188
%RSD	3.390345	25.54703	.9599870	15.08616	39.76128	.2382472	.1212924

#1	.0652946	-.013857	.4074633	-.028621	.0026801	73.39741	1.802085
#2	.0647926	-.008715	.4136638	-.021854	.0041401	73.21550	1.806460
#3	.0613222	-.014446	.4148169	-.028905	.0018677	73.56512	1.804155

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058848	.0770908	34.87057	.1094574	.1010761	.2086367	134.8330
Stddev	.0000889	.0000455	.22095	.0005155	.0000930	.0013872	.7503
%RSD	1.509923	.0589661	.6336168	.4709786	.0920053	.6648743	.5564671

#1	.0058519	.0770480	34.93889	.1099487	.1011547	.2100357	134.7862
#2	.0059854	.0771385	34.62354	.1095029	.1009734	.2086127	134.1072
#3	.0058171	.0770859	35.04929	.1089207	.1011002	.2072617	135.6057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.752690	24.58006	.1807747	-.000322	.9983240	.2006021	2.341263
Stddev	.048066	.08737	.0002375	.000113	.0035989	.0005418	.038912
%RSD	.6199877	.3554558	.1313739	35.13976	.3604941	.2700976	1.662020

#1	7.764534	24.54875	.1807432	-.000451	.9961570	.2008791	2.350506
#2	7.699809	24.51266	.1810263	-.000243	.9963366	.1999778	2.298562
#3	7.793726	24.67878	.1805545	-.000271	1.002478	.2009494	2.374721

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.74001	.6224737	-.338628	.0006912	1.191149	8.290302	.0096296
Stddev	.06530	.0029186	.002625	.0001520	.004576	.026316	.0004522
%RSD	.4148762	.4688699	.7752820	21.99354	.3841822	.3174302	4.696228

#1	15.69676	.6196299	-.338073	.0007579	1.185872	8.312836	.0091091
#2	15.70813	.6223294	-.341486	.0007983	1.194024	8.296690	.0098532
#3	15.81513	.6254617	-.336324	.0005172	1.193551	8.261380	.0099264

Sample Name: I4390-01 Acquired: 8/5/2017 20:50:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9P7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5473310	.0072973	.0294157
Stddev	.0019408	.0000774	.0000606
%RSD	.3545930	1.060063	.2058474

#1	.5481150	.0073203	.0293458
#2	.5451209	.0073606	.0294517
#3	.5487572	.0072111	.0294496

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1356.055	2336.061	53585.81	12075.20	3073.895
Stddev	5.192	15.669	171.04	22.51	17.156
%RSD	.3828388	.6707651	.3191948	.1864460	.5581257

#1	1353.872	2353.610	53500.32	12096.69	3093.691
#2	1361.981	2331.103	53782.75	12051.79	3063.346
#3	1352.311	2323.470	53474.37	12077.11	3064.649

Sample Name: I4390-02 Acquired: 8/5/2017 20:54:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9P8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0714476	-.018175	.3620104	-.030564	.0052724	99.34712	2.005107
Stddev	.0019155	.002928	.0032309	.004430	.0012854	.34321	.009580
%RSD	2.680985	16.11309	.8924819	14.49403	24.38014	.3454630	.4777799

#1	.0705136	-.016051	.3593732	-.035680	.0066622	99.71842	2.015456
#2	.0701782	-.016957	.3610437	-.028017	.0041262	99.04150	1.996549
#3	.0736509	-.021515	.3656143	-.027997	.0050286	99.28143	2.003316

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078365	.0578904	45.72187	.1352536	.1248814	.2525419	176.1420
Stddev	.0001257	.0001710	.15369	.0009979	.0004397	.0007122	.4318
%RSD	1.604056	.2953718	.3361412	.7378318	.3521156	.2820117	.2451335

#1	.0077642	.0576952	45.55724	.1361618	.1244291	.2522482	175.6780
#2	.0077636	.0580136	45.74679	.1341853	.1249079	.2533540	176.2159
#3	.0079816	.0579624	45.86157	.1354137	.1253073	.2520236	176.5321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.039220	33.27676	.2375643	-.001291	1.230418	.2485379	2.299538
Stddev	.017753	.05399	.0009794	.000147	.022788	.0011770	.014849
%RSD	.2208285	.1622551	.4122816	11.36722	1.852075	.4735682	.6457409

#1	8.018743	33.28516	.2365064	-.001123	1.205013	.2498842	2.296432
#2	8.050278	33.32605	.2377469	-.001393	1.237186	.2477041	2.286488
#3	8.048640	33.21905	.2384396	-.001358	1.249056	.2480252	2.315695

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.61152	.6399744	-.441229	.0002317	1.772676	12.19555	.0087840
Stddev	.08338	.0016319	.002123	.0002228	.005292	.06141	.0014413
%RSD	.4479897	.2549996	.4811568	96.15698	.2985376	.5035281	16.40834

#1	18.64372	.6382197	-.438795	-.000012	1.769926	12.12614	.0104170
#2	18.51684	.6414467	-.442189	.000424	1.769325	12.24280	.0082458
#3	18.67400	.6402566	-.442702	.000283	1.778777	12.21772	.0076893

Sample Name: I4390-02 Acquired: 8/5/2017 20:54:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9P8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5622757	.0102811	.0387971
Stddev	.0014991	.0000041	.0000986
%RSD	.2666105	.0401301	.2540931

#1	.5621559	.0102849	.0388534
#2	.5638311	.0102817	.0388545
#3	.5608401	.0102767	.0386832

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1370.692	2374.864	54159.05	12168.21	2996.769
Stddev	8.230	20.215	287.06	31.59	16.337
%RSD	.6004610	.8511869	.5300382	.2596281	.5451537

#1	1361.278	2351.550	53851.13	12180.87	2979.401
#2	1376.524	2387.495	54206.75	12132.25	3011.829
#3	1374.275	2385.549	54419.28	12191.51	2999.076

Sample Name: I4390-03 Acquired: 8/5/2017 20:58:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9P9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0619570	-.011235	.3753013	-.014185	.0045554	62.06683
Stddev	.0014555	.002474	.0025017	.000486	.0003025	.20468
%RSD	2.349129	22.02020	.6665802	3.427092	6.640452	.3297755

#1	.0608417	-.013681	.3772814	-.014081	.0047998	62.15746
#2	.0636034	-.011291	.3761327	-.013759	.0046493	62.21054
#3	.0614258	-.008734	.3724898	-.014715	.0042171	61.83247

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.470467	.0052027	.0532334	F 1114.212	.0921896	.0622118
Stddev	.006415	.0000777	.0002677	11.197	.0006518	.0008811
%RSD	.4362671	1.493112	.5029373	1.004919	.7070143	1.416226

#1	1.473632	.0052109	.0532412	1120.807	.0926117	.0631457
#2	1.474686	.0051212	.0534972	1101.284	.0925182	.0620946
#3	1.463085	.0052759	.0529619	1120.545	.0914389	.0613953

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2040392	104.3248	3.936832	117.1391	.1440733	-.000684
Stddev	.0006641	.0069	.006900	.1445	.0016565	.000169
%RSD	.3255011	.0066068	.1752650	.1233305	1.149776	24.76245

#1	.2048042	104.3231	3.936700	117.2743	.1456726	-.000771
#2	.2037040	104.3324	3.929999	116.9869	.1441823	-.000489
#3	.2036095	104.3189	3.943797	117.1561	.1423649	-.000793

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.334745	.1610982	2.178296	15.74886	.8473643	-.262154
Stddev	.061256	.0002677	.026558	.07453	.0063073	.000932
%RSD	4.589335	.1661731	1.219188	.4732136	.7443487	.3554005

#1	1.386063	.1612462	2.147639	15.82082	.8491906	-.263220
#2	1.351242	.1612592	2.192990	15.75375	.8525571	-.261492
#3	1.266930	.1607891	2.194259	15.67201	.8403454	-.261752

Sample Name: I4390-03 Acquired: 8/5/2017 20:58:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9P9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050162	6.826480	7.189522	-.000229	.4428375	.0083458
Stddev	.0003702	.054169	.054789	.002809	.0007504	.0000109
%RSD	7.379999	.7935062	.7620629	1225.282	.1694484	.1310232

#1	.0050222	6.850800	7.229827	.002402	.4420475	.0083583
#2	.0046431	6.864225	7.127139	-.003188	.4435408	.0083381
#3	.0053834	6.764413	7.211600	.000098	.4429241	.0083409

Elem	Sr4077
Units	ppm
Avg	.1853394
Stddev	.0004505
%RSD	.2430542

#1	.1858319
#2	.1852382
#3	.1849482

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1157.614	2025.408	45750.74	10921.15	2434.138
Stddev	4.897	11.094	205.62	34.54	17.783
%RSD	.4229892	.5477232	.4494304	.3162556	.7305684

#1	1160.447	2013.935	45668.31	10884.26	2420.047
#2	1160.436	2026.210	45599.14	10952.72	2428.248
#3	1151.960	2036.079	45984.79	10926.47	2454.119

Sample Name: I4390-04 Acquired: 8/5/2017 21:02:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9Q0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0894257	-.015323	.5874130	-.031330	.0045486	85.05321	1.947183
Stddev	.0044479	.003053	.0020247	.003385	.0011793	.18050	.008998
%RSD	4.973882	19.92153	.3446782	10.80503	25.92631	.2122223	.4621118

#1	.0881020	-.015189	.5853002	-.035233	.0042368	84.84520	1.936931
#2	.0943853	-.012340	.5876024	-.029201	.0058524	85.16861	1.950847
#3	.0857900	-.018440	.5893363	-.029555	.0035565	85.14582	1.953770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071371	.0767757	90.19713	.1264668	.0991319	.2819047	155.3023
Stddev	.0002380	.0003817	.17073	.0006279	.0004879	.0011687	.3041
%RSD	3.334401	.4971218	.1892845	.4965108	.4921524	.4145873	.1957904

#1	.0073435	.0763390	90.20489	.1261917	.0986759	.2805589	155.1987
#2	.0068768	.0769421	90.36384	.1260234	.0990733	.2824911	155.6446
#3	.0071910	.0770459	90.02265	.1271853	.0996464	.2826641	155.0635

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.891591	32.37629	.2057558	-.000891	2.190594	.2227577	2.850955
Stddev	.005480	.13281	.0006916	.000151	.062910	.0025634	.012271
%RSD	.0930204	.4102158	.3361187	16.90935	2.871816	1.150738	.4304047

#1	5.894375	32.22297	.2057694	-.000862	2.172914	.2199302	2.840023
#2	5.895121	32.45000	.2050575	-.001054	2.138415	.2234131	2.864228
#3	5.885277	32.45591	.2064404	-.000757	2.260451	.2249297	2.848616

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.28433	.9107353	-.381561	.0012113	1.631007	15.34795	.0095890
Stddev	.08572	.0048671	.000285	.0004682	.015260	.03693	.0003074
%RSD	.4445042	.5344162	.0747188	38.65534	.9356361	.2406294	3.206198

#1	19.20148	.9072851	-.381462	.0008721	1.620378	15.37180	.0098541
#2	19.27884	.9086184	-.381882	.0010162	1.624149	15.30541	.0092520
#3	19.37266	.9163024	-.381339	.0017455	1.648493	15.36665	.0096610

Sample Name: I4390-04 Acquired: 8/5/2017 21:02:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9Q0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7394509	.0086121	.0394155
Stddev	.0012599	.0001078	.0000618
%RSD	.1703864	1.251577	.1568403

#1	.7383859	.0086066	.0393479
#2	.7391250	.0085072	.0394296
#3	.7408417	.0087226	.0394691

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1352.189	2340.383	53505.72	12201.09	2942.618
Stddev	2.768	5.731	54.24	16.24	10.589
%RSD	.2046932	.2448937	.1013716	.1331431	.3598632

#1	1353.304	2344.759	53551.54	12182.72	2944.216
#2	1354.225	2342.496	53519.78	12207.00	2952.317
#3	1349.037	2333.895	53445.83	12213.56	2931.320

Sample Name: I4389-01 Acquired: 8/5/2017 21:06:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9M7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0818090	-.017855	.4278080	-.029338	.0041737	65.98373	1.696811
Stddev	.0003047	.001810	.0026206	.003889	.0013385	.23048	.002172
%RSD	.3724504	10.13953	.6125643	13.25663	32.06926	.3493001	.1279774

#1	.0814577	-.017569	.4248700	-.030596	.0043052	66.19192	1.698622
#2	.0820017	-.019792	.4299044	-.032442	.0054415	65.73606	1.694403
#3	.0819675	-.016205	.4286497	-.024975	.0027743	66.02319	1.697406

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052829	.0333402	117.4060	.1072570	.0839071	.2678710	146.5888
Stddev	.0000785	.0001284	.1573	.0005621	.0005598	.0016751	.2847
%RSD	1.486405	.3851701	.1339789	.5240537	.6671223	.6253286	.1942328

#1	.0052033	.0332083	117.5047	.1067257	.0845533	.2678719	146.7857
#2	.0053603	.0333474	117.4888	.1078455	.0835699	.2695456	146.7184
#3	.0052850	.0334648	117.2246	.1071999	.0835982	.2661954	146.2624

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.956238	61.76793	.2136383	-.000789	1.143349	.2004778	1.623828
Stddev	.013384	.17600	.0005181	.000141	.012980	.0013920	.010445
%RSD	.2700508	.2849425	.2425379	17.85984	1.135254	.6943315	.6432374

#1	4.963892	61.89265	.2131023	-.000646	1.136304	.1998431	1.633675
#2	4.964039	61.84452	.2136762	-.000795	1.135414	.1995163	1.612873
#3	4.940784	61.56661	.2141365	-.000928	1.158328	.2020740	1.624935

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.92689	1.062466	-.359244	.0028195	2.036286	25.59090	.0106480
Stddev	.11730	.004297	.003472	.0002497	.015294	.11849	.0013218
%RSD	.7858471	.4044113	.9664031	8.856658	.7510940	.4630069	12.41345

#1	14.92493	1.065601	-.355483	.0027447	2.037892	25.46264	.0093987
#2	14.81058	1.057568	-.362327	.0026158	2.020252	25.69628	.0120320
#3	15.04516	1.064229	-.359921	.0030981	2.050715	25.61379	.0105134

Sample Name: I4389-01 Acquired: 8/5/2017 21:06:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9M7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9541821	.0076778	.0277354
Stddev	.0015796	.0000762	.0000384
%RSD	.1655460	.9930582	.1384335

#1	.9530587	.0075914	.0276911
#2	.9559883	.0077063	.0277602
#3	.9534995	.0077357	.0277548

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1284.228	2244.587	51192.19	11638.01	2902.876
Stddev	7.953	7.136	181.32	33.66	3.444
%RSD	.6192452	.3179414	.3541904	.2892096	.1186543

#1	1275.620	2240.851	50995.80	11621.81	2899.064
#2	1291.301	2240.095	51227.55	11615.52	2903.800
#3	1285.764	2252.816	51353.23	11676.71	2905.765

Sample Name: I4389-02 Acquired: 8/5/2017 21:10:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9M8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0781478	-.012985	.3181394	-.024582	.0029668	62.63484	2.162940
Stddev	.0057592	.002049	.0021974	.001488	.0001030	.08890	.002454
%RSD	7.369677	15.77666	.6907025	6.054964	3.472442	.1419303	.1134618

#1	.0832979	-.014603	.3193072	-.025242	.0029615	62.56273	2.160294
#2	.0792164	-.013670	.3156047	-.025627	.0028666	62.60764	2.165142
#3	.0719291	-.010681	.3195064	-.022878	.0030724	62.73416	2.163383

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051367	.0280299	65.25986	.1001804	.0783747	.2184560	135.8888
Stddev	.0001009	.0001110	.17750	.0013597	.0005538	.0002464	.0652
%RSD	1.964260	.3960560	.2719849	1.357233	.7065617	.1127781	.0479720

#1	.0050210	.0279070	65.15091	.1003359	.0787200	.2187205	135.8150
#2	.0052063	.0280597	65.46467	.1014557	.0786681	.2184146	135.9384
#3	.0051828	.0281229	65.16398	.0987497	.0777359	.2182331	135.9131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.800745	36.94981	.2077269	-.000731	.9721070	.1864780	1.472759
Stddev	.002533	.15291	.0001111	.000071	.0740097	.0031049	.015078
%RSD	.0527524	.4138212	.0534873	9.713056	7.613328	1.665020	1.023798

#1	4.797822	36.78520	.2076542	-.000649	.9978947	.1829375	1.457240
#2	4.802134	36.97680	.2078548	-.000767	.8886534	.1877593	1.473683
#3	4.802280	37.08742	.2076717	-.000777	1.029773	.1887372	1.487353

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.72846	.7971221	-.329976	.0013212	1.506481	25.23869	.0077651
Stddev	.05733	.0018681	.001738	.0002517	.008661	.02050	.0017551
%RSD	.4176119	.2343521	.5267222	19.04851	.5749096	.0812163	22.60240

#1	13.68328	.7983847	-.329022	.0015542	1.505586	25.26230	.0097781
#2	13.70915	.7980054	-.331982	.0010543	1.515554	25.22545	.0065555
#3	13.79295	.7949761	-.328924	.0013554	1.498301	25.22831	.0069618

Sample Name: I4389-02 Acquired: 8/5/2017 21:10:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9M8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8797194	.0071460	.0271475
Stddev	.0049195	.0000730	.0000538
%RSD	.5592077	1.021443	.1983222

#1	.8778228	.0071366	.0271649
#2	.8853049	.0070782	.0271904
#3	.8760306	.0072232	.0270871

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1329.496	2308.952	52505.63	11817.71	3027.587
Stddev	1.893	2.734	366.54	49.29	4.180
%RSD	.1423588	.1184097	.6980906	.4170930	.1380759

#1	1331.564	2311.785	52808.94	11768.58	3028.169
#2	1329.072	2308.742	52098.33	11817.40	3023.146
#3	1327.850	2306.329	52609.63	11867.16	3031.446

Sample Name: I4389-03 Acquired: 8/5/2017 21:14:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9M9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0888655	-.009269	.4162798	-.022105	.0033718	49.47540	1.282844
Stddev	.0041173	.000885	.0064362	.002340	.0008708	.07952	.000442
%RSD	4.633164	9.543486	1.546119	10.58614	25.82519	.1607339	.0344669

#1	.0860151	-.008290	.4097050	-.022307	.0040514	49.43900	1.282810
#2	.0869955	-.010011	.4225678	-.024338	.0036738	49.42059	1.282420
#3	.0935859	-.009507	.4165667	-.019671	.0023902	49.56661	1.283302

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041605	.0492169	36.19078	.0818573	.0631884	.1840820	116.3976
Stddev	.0000492	.0009358	.15026	.0005829	.0009791	.0005477	.4977
%RSD	1.181294	1.901306	.4151804	.7121000	1.549511	.2975344	.4275793

#1	.0041386	.0483442	36.12232	.0820216	.0624007	.1844350	116.2901
#2	.0041261	.0502050	36.08694	.0823403	.0642846	.1834511	115.9625
#3	.0042168	.0491016	36.36307	.0812098	.0628798	.1843601	116.9403

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.409700	22.48811	.1481815	-.000329	.8645461	.1634188	1.998893
Stddev	.014766	.10606	.0014159	.000126	.0534283	.0006751	.007711
%RSD	.4330529	.4716067	.9554980	38.25136	6.179923	.4131180	.3857797

#1	3.409175	22.38830	.1466358	-.000467	.8218870	.1636475	1.995040
#2	3.395204	22.47655	.1494156	-.000220	.9244727	.1639498	1.993868
#3	3.424721	22.59947	.1484932	-.000300	.8472786	.1626590	2.007772

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.46087	.7512477	-.284994	.0017704	.8434390	24.55916	.0094268
Stddev	.04197	.0101333	.003649	.0005036	.0205614	.04033	.0016895
%RSD	.3661912	1.348870	1.280321	28.44509	2.437804	.1642281	17.92238

#1	11.47924	.7424330	-.288684	.0012832	.8220223	24.58556	.0079022
#2	11.41285	.7623191	-.281388	.0017390	.8630222	24.51273	.0112432
#3	11.49052	.7489909	-.284911	.0022889	.8452725	24.57919	.0091350

Sample Name: I4389-03 Acquired: 8/5/2017 21:14:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9M9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.022376	.0057899	.0209447
Stddev	.001333	.0000276	.0000432
%RSD	.1303586	.4768561	.2063443

#1	1.021585	.0057690	.0209624
#2	1.021629	.0057796	.0208954
#3	1.023915	.0058212	.0209762

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1339.200	2327.571	52748.11	11714.52	3138.083
Stddev	3.577	15.395	170.47	31.71	30.248
%RSD	.2670797	.6614109	.3231821	.2707195	.9638848

#1	1335.133	2335.642	52587.78	11698.64	3161.633
#2	1340.614	2309.819	52927.18	11751.04	3103.971
#3	1341.855	2337.252	52729.38	11693.89	3148.646

Sample Name: I4389-04 Acquired: 8/5/2017 21:18:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9N0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0943144	-.009257	.3511270	-.020719	.0029569	47.08420	1.260620
Stddev	.0031674	.002817	.0052325	.003096	.0013001	.19551	.004676
%RSD	3.358360	30.43320	1.490207	14.94048	43.97050	.4152333	.3709305

#1	.0908923	-.006404	.3460805	-.024115	.0035671	47.12819	1.264097
#2	.0971433	-.009328	.3507729	-.019986	.0014639	47.25397	1.262460
#3	.0949075	-.012037	.3565276	-.018056	.0038397	46.87044	1.255304

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036911	.0573749	28.11001	.0774100	.0547850	.1688119	107.2214
Stddev	.0001599	.0010457	.05486	.0005291	.0006718	.0006102	.3988
%RSD	4.332156	1.822622	.1951520	.6834790	1.226230	.3614657	.3719495

#1	.0035323	.0567713	28.05367	.0773704	.0540963	.1688115	106.8867
#2	.0038521	.0567711	28.16325	.0769019	.0548203	.1694223	107.6626
#3	.0036889	.0585824	28.11312	.0779579	.0554385	.1682019	107.1149

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.118799	18.87481	.1287463	-.000226	.8879373	.1528472	2.095078
Stddev	.010766	.06501	.0015873	.000226	.0421159	.0022509	.014508
%RSD	.3451969	.3444330	1.232879	99.65241	4.743121	1.472636	.6924910

#1	3.108680	18.80052	.1272410	.000011	.8401334	.1518759	2.078408
#2	3.130112	18.92132	.1285933	-.000438	.9041039	.1554207	2.104856
#3	3.117605	18.90258	.1304045	-.000251	.9195748	.1512451	2.101970

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.91465	.6939072	-.264869	.0012106	.6851806	19.48587	.0097760
Stddev	.07862	.0079890	.001389	.0001747	.0135725	.04228	.0011230
%RSD	.7202947	1.151312	.5245330	14.43571	1.980863	.2169693	11.48733

#1	10.97830	.6879007	-.263449	.0012783	.6799637	19.48223	.0103468
#2	10.93889	.6908470	-.264933	.0013413	.6749906	19.44553	.0084823
#3	10.82677	.7029740	-.266225	.0010121	.7005875	19.52985	.0104990

Sample Name: I4389-04 Acquired: 8/5/2017 21:18:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9N0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.171256	.0052444	.0192528
Stddev	.001354	.0000338	.0000046
%RSD	.1156247	.6451779	.0241203

#1	1.170177	.0052587	.0192577
#2	1.170816	.0052687	.0192522
#3	1.172776	.0052057	.0192484

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1320.044	2313.383	52050.51	11524.12	3177.741
Stddev	4.209	17.022	136.17	15.57	32.558
%RSD	.3188605	.7357982	.2616065	.1350681	1.024551

#1	1320.561	2321.814	52056.46	11508.83	3198.324
#2	1323.970	2324.543	51911.46	11523.57	3194.695
#3	1315.600	2293.791	52183.60	11539.95	3140.205

Sample Name: I4389-05 Acquired: 8/5/2017 21:22:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9N1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0647711	-.012562	.2541621	-.021285	.0039809	54.06464	1.184955
Stddev	.0031332	.001863	.0032097	.002233	.0001652	.06652	.001231
%RSD	4.837289	14.82640	1.262855	10.49028	4.149998	.1230381	.1038632

#1	.0683578	-.011705	.2578514	-.022452	.0040610	54.06990	1.186327
#2	.0633879	-.011282	.2526235	-.018710	.0040908	53.99564	1.183947
#3	.0625675	-.014699	.2520113	-.022693	.0037909	54.12837	1.184592

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043821	.0219999	57.45197	.0925880	.0639553	.1931229	118.4863
Stddev	.0000683	.0001627	.10008	.0004181	.0001717	.0006126	.0879
%RSD	1.559173	.7395116	.1741981	.4516152	.2684518	.3172288	.0741677

#1	.0044586	.0221428	57.40571	.0930328	.0641516	.1924188	118.5252
#2	.0043270	.0220340	57.56681	.0925283	.0638816	.1935340	118.5480
#3	.0043608	.0218228	57.38339	.0922030	.0638328	.1934160	118.3856

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.901410	34.03337	.1484890	-.000676	.8823364	.1692828	1.278952
Stddev	.005479	.12851	.0002519	.000224	.0594647	.0014885	.006414
%RSD	.1404300	.3776098	.1696656	33.21325	6.739462	.8793153	.5015359

#1	3.903712	34.05146	.1485242	-.000919	.8554705	.1709978	1.271630
#2	3.905363	34.15187	.1482214	-.000630	.8410454	.1685250	1.283581
#3	3.895156	33.89676	.1487216	-.000477	.9504934	.1683257	1.281644

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.92936	.8806803	-.285575	.0017721	1.261262	20.42082	.0090584
Stddev	.07444	.0039885	.001524	.0002476	.010567	.08319	.0003917
%RSD	.5757632	.4528858	.5336813	13.97137	.8377778	.4073845	4.324414

#1	12.93023	.8850115	-.284835	.0015590	1.269811	20.50083	.0094738
#2	12.85448	.8798706	-.284561	.0020437	1.264527	20.42686	.0090055
#3	13.00336	.8771588	-.287327	.0017136	1.249448	20.33477	.0086958

Sample Name: I4389-05 Acquired: 8/5/2017 21:22:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9N1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9114921	.0059997	.0188823
Stddev	.0020385	.0000261	.0000207
%RSD	.2236422	.4357553	.1095293

#1	.9106370	.0060298	.0188993
#2	.9138189	.0059825	.0188883
#3	.9100204	.0059868	.0188593

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1322.840	2319.709	51963.26	11566.00	3114.432
Stddev	7.933	14.127	164.22	37.09	14.921
%RSD	.5996931	.6090016	.3160248	.3206546	.4790991

#1	1326.635	2303.623	52042.34	11527.59	3098.522
#2	1313.722	2325.403	51774.47	11568.83	3116.660
#3	1328.162	2330.099	52072.97	11601.60	3128.114

Sample Name: I4389-06 Acquired: 8/5/2017 21:27:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9N2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0640260	-.013256	.2660603	-.021973	.0041859	55.56902	1.283265
Stddev	.0021421	.001384	.0014633	.003666	.0011362	.12070	.002172
%RSD	3.345619	10.44190	.5499801	16.68550	27.14308	.2172126	.1692267

#1	.0664799	-.012213	.2644173	-.018242	.0028774	55.44213	1.283877
#2	.0625300	-.012729	.2665401	-.022106	.0049223	55.58255	1.280853
#3	.0630683	-.014826	.2672234	-.025571	.0047579	55.68239	1.285065

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045270	.0224365	83.98148	.0954774	.0675686	.1958920	117.7966
Stddev	.0000787	.0000480	.33616	.0009148	.0001879	.0014095	.4154
%RSD	1.737369	.2137347	.4002811	.9580938	.2781462	.7195262	.3526659

#1	.0045809	.0224401	83.61815	.0949792	.0677784	.1959141	117.4220
#2	.0044368	.0223869	84.28146	.0949197	.0675116	.1972903	118.2434
#3	.0045635	.0224826	84.04483	.0965331	.0674156	.1944715	117.7245

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.179942	39.24101	.1498664	-.000490	1.037652	.1729601	1.370953
Stddev	.012029	.16346	.0003984	.000057	.040970	.0019000	.015216
%RSD	.2877906	.4165657	.2658207	11.62777	3.948376	1.098493	1.109886

#1	4.166137	39.06825	.1494210	-.000550	1.028833	.1739280	1.378878
#2	4.185510	39.26153	.1501887	-.000436	1.001810	.1707711	1.353410
#3	4.188179	39.39324	.1499895	-.000483	1.082314	.1741812	1.380571

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.06748	1.127528	-.282933	.0019005	1.797162	21.80091	.0078681
Stddev	.09222	.003886	.000589	.0002129	.014203	.09467	.0006501
%RSD	.7057583	.3446050	.2083147	11.20019	.7902995	.4342328	8.262832

#1	13.01086	1.123738	-.283024	.0016591	1.806267	21.72959	.0076725
#2	13.01768	1.127343	-.282303	.0019808	1.780796	21.90831	.0073382
#3	13.17390	1.131503	-.283471	.0020614	1.804422	21.76482	.0085935

Sample Name: I4389-06 Acquired: 8/5/2017 21:27:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9N2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9773133	.0060322	.0203615
Stddev	.0030667	.0000507	.0000139
%RSD	.3137844	.8408136	.0680476

#1	.9765451	.0060902	.0203769
#2	.9806911	.0059962	.0203576
#3	.9747038	.0060103	.0203501

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1326.566	2296.782	51949.99	11601.14	3067.436
Stddev	9.594	4.839	159.59	47.71	2.047
%RSD	.7232515	.2106972	.3072047	.4112183	.0667301

#1	1317.761	2294.471	51828.71	11617.15	3065.360
#2	1336.792	2293.531	52130.79	11547.49	3069.452
#3	1325.145	2302.343	51890.46	11638.79	3067.496

Sample Name: I4389-07 Acquired: 8/5/2017 21:31:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9N3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0799331	-.012233	.3228849	-.021737	.0031095	53.33788	1.333057
Stddev	.0028908	.002786	.0013038	.001728	.0012416	.05073	.001460
%RSD	3.616476	22.77362	.4037910	7.948766	39.92860	.0951101	.1095442

#1	.0766022	-.011942	.3236778	-.022571	.0028415	53.32703	1.333705
#2	.0814104	-.015153	.3213802	-.019750	.0020237	53.39316	1.334081
#3	.0817868	-.009604	.3235968	-.022889	.0044631	53.29346	1.331384

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043144	.0434128	198.8710	.0844441	.0710138	.1778063	114.5237
Stddev	.0000758	.0001387	.5999	.0006929	.0002291	.0007591	.3673
%RSD	1.756576	.3194839	.3016698	.8204913	.3225646	.4269133	.3207166

#1	.0043864	.0435716	198.3637	.0837107	.0709249	.1770266	114.3643
#2	.0043215	.0433518	199.5332	.0850876	.0708426	.1785429	114.9437
#3	.0042354	.0433151	198.7162	.0845339	.0712740	.1778495	114.2630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.112737	22.46295	.1529301	-.000810	.8932674	.1630270	1.732559
Stddev	.014258	.08956	.0004043	.000044	.0443493	.0014025	.012442
%RSD	.3466711	.3987119	.2643740	5.436216	4.964839	.8602604	.7181140

#1	4.102530	22.47263	.1524659	-.000759	.8727070	.1644242	1.740744
#2	4.129027	22.54728	.1531188	-.000833	.9441654	.1616194	1.718241
#3	4.106654	22.36894	.1532055	-.000838	.8629297	.1630372	1.738692

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.52208	1.126954	-.282903	.0016748	1.200896	14.57903	.0053276
Stddev	.09912	.002792	.002732	.0001508	.006956	.09219	.0017192
%RSD	.7915973	.2477314	.9658180	9.006296	.5791941	.6323160	32.27049

#1	12.46578	1.130168	-.285145	.0018375	1.193116	14.56693	.0043032
#2	12.63653	1.125129	-.283703	.0015395	1.203058	14.67667	.0043671
#3	12.46392	1.125565	-.279859	.0016476	1.206514	14.49349	.0073124

Sample Name: I4389-07 Acquired: 8/5/2017 21:31:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9N3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9611218	.0061492	.0390244
Stddev	.0028344	.0000250	.0000509
%RSD	.2949009	.4063490	.1303732

#1	.9643891	.0061577	.0390631
#2	.9596515	.0061688	.0390433
#3	.9593246	.0061211	.0389668

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1277.725	2223.521	50424.79	11474.59	2929.425
Stddev	4.512	4.251	181.92	32.72	4.784
%RSD	.3531654	.1911810	.3607774	.2851881	.1632964

#1	1272.770	2219.431	50355.45	11463.04	2924.171
#2	1278.806	2223.217	50631.18	11449.22	2930.574
#3	1281.599	2227.916	50287.73	11511.53	2933.529

Sample Name: I4389-08 Acquired: 8/5/2017 21:35:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9N4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0825868	-.009465	.3225315	-.020395	.0025329	53.05178	1.314127
Stddev	.0037475	.001965	.0010433	.001206	.0022379	.04946	.003477
%RSD	4.537683	20.76465	.3234633	5.913085	88.35389	.0932216	.2645636

#1	.0790454	-.007585	.3225987	-.019003	.0008288	53.02888	1.310441
#2	.0865110	-.011506	.3235396	-.021079	.0050672	53.10854	1.317347
#3	.0822040	-.009304	.3214563	-.021104	.0017026	53.01794	1.314595

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042473	.0357341	37.57355	.0868857	.0582172	.1834963	115.4518
Stddev	.0001812	.0002893	.19765	.0003450	.0001395	.0007941	.2357
%RSD	4.267023	.8097081	.5260396	.3970790	.2395720	.4327883	.2041645

#1	.0040736	.0355705	37.58224	.0866029	.0580698	.1833993	115.5665
#2	.0042331	.0360682	37.37169	.0872701	.0582346	.1843345	115.1808
#3	.0044353	.0355635	37.76671	.0867841	.0583471	.1827551	115.6083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.008331	25.52102	.1398693	-.000490	.8404359	.1659688	1.667873
Stddev	.014372	.01226	.0006706	.000117	.0648258	.0027441	.009683
%RSD	.4777412	.0480397	.4794258	23.89999	7.713357	1.653416	.5805885

#1	3.012196	25.53208	.1406161	-.000492	.9145967	.1683637	1.661998
#2	2.992422	25.50784	.1396729	-.000372	.8121601	.1629745	1.679049
#3	3.020375	25.52312	.1393188	-.000606	.7945509	.1665681	1.662571

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.08728	.9535434	-.284851	.0011373	.8448088	13.34640	.0096403
Stddev	.03062	.0033219	.001805	.0003511	.0067811	.01743	.0008871
%RSD	.2339333	.3483730	.6337511	30.87136	.8026823	.1306238	9.201631

#1	13.07605	.9567577	-.283262	.0009487	.8524616	13.33296	.0086964
#2	13.12193	.9537491	-.284478	.0009207	.8424174	13.34014	.0104568
#3	13.06387	.9501235	-.286814	.0015423	.8395473	13.36610	.0097677

Sample Name: I4389-08 Acquired: 8/5/2017 21:35:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9N4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9495507	.0059272	.0194102
Stddev	.0010202	.0000755	.0000045
%RSD	.1074352	1.273597	.0232321

#1	.9488908	.0059010	.0194057
#2	.9490355	.0060123	.0194101
#3	.9507256	.0058683	.0194148

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1332.187	2321.948	52490.97	11701.33	3133.407
Stddev	10.465	12.525	57.58	32.26	14.634
%RSD	.7855173	.5393973	.1096908	.2757341	.4670448

#1	1335.483	2314.521	52460.38	11664.91	3120.866
#2	1320.472	2314.915	52455.14	11726.36	3129.870
#3	1340.608	2336.409	52557.39	11712.72	3149.486

Sample Name: I4389-09 Acquired: 8/5/2017 21:39:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9N5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0848253	-.011440	.2638735	-.019665	.0022979	48.52104	1.258608
Stddev	.0022673	.001230	.0008103	.001789	.0003218	.16363	.002329
%RSD	2.672855	10.75081	.3070933	9.095471	14.00442	.3372259	.1850808

#1	.0822431	-.012495	.2639627	-.021151	.0020078	48.69973	1.261242
#2	.0857429	-.010089	.2630223	-.017679	.0026440	48.37855	1.256818
#3	.0864899	-.011737	.2646356	-.020164	.0022418	48.48483	1.257765

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039101	.0312452	30.90710	.0779770	.0545501	.1579342	106.4501
Stddev	.0000551	.0001729	.07129	.0009721	.0003733	.0011577	.2181
%RSD	1.409291	.5534153	.2306620	1.246671	.6843647	.7330530	.2048780

#1	.0038507	.0311633	30.92986	.0769645	.0543893	.1589884	106.5067
#2	.0039594	.0311283	30.96424	.0789029	.0549769	.1581190	106.6342
#3	.0039203	.0314438	30.82721	.0780636	.0542841	.1566951	106.2092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.869530	20.56234	.1307189	-.000294	.8040492	.1534068	1.448980
Stddev	.002210	.04197	.0010942	.000267	.0622777	.0010583	.011232
%RSD	.0770284	.2040905	.8370405	90.82004	7.745505	.6898551	.7751470

#1	2.868352	20.60902	.1296917	-.000536	.8565217	.1545663	1.447768
#2	2.872080	20.52772	.1305952	-.000338	.7352279	.1531612	1.460769
#3	2.868159	20.55029	.1318696	-.000008	.8203979	.1524930	1.438404

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.76938	.7831571	-.264919	.0005834	.7450783	14.97575	.0080203
Stddev	.04227	.0022607	.001522	.0003234	.0057609	.03707	.0009617
%RSD	.3591808	.2886621	.5743577	55.43271	.7731912	.2475359	11.99093

#1	11.79277	.7812254	-.265732	.0002651	.7468456	15.01258	.0069650
#2	11.72058	.7856435	-.263164	.0005734	.7497485	14.97623	.0088474
#3	11.79478	.7826024	-.265862	.0009116	.7386408	14.93845	.0082485

Sample Name: I4389-09 Acquired: 8/5/2017 21:39:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9N5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9474136	.0054218	.0182636
Stddev	.0015504	.0000488	.0000236
%RSD	.1636446	.9001110	.1294624

#1	.9487514	.0054671	.0182639
#2	.9477750	.0053701	.0182398
#3	.9457145	.0054281	.0182870

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1350.461	2346.180	53091.23	11789.40	3202.610
Stddev	5.647	4.038	178.88	46.49	2.881
%RSD	.4181252	.1720920	.3369286	.3943019	.0899484

#1	1352.200	2344.817	53042.28	11747.22	3200.868
#2	1344.149	2343.001	52941.91	11781.73	3201.028
#3	1355.033	2350.723	53289.48	11839.24	3205.935

Sample Name: I4389-10 Acquired: 8/5/2017 21:42:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9N6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0786824	-.009807	.4081564	-.020726	.0035365	55.94308	1.699960
Stddev	.0042970	.002636	.0007286	.001601	.0005431	.09074	.003926
%RSD	5.461198	26.88115	.1785035	7.727016	15.35795	.1621992	.2309276

#1	.0777337	-.009535	.4078356	-.019438	.0030966	55.90885	1.700884
#2	.0833745	-.012569	.4089903	-.020220	.0033693	56.04596	1.703340
#3	.0749391	-.007317	.4076433	-.022519	.0041435	55.87444	1.695654

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046318	.0394784	28.08721	.0906356	.0557688	.1729056	111.7171
Stddev	.0001352	.0000350	.06045	.0001653	.0002446	.0008009	.3678
%RSD	2.918472	.0887256	.2152367	.1823693	.4385523	.4631816	.3292233

#1	.0044863	.0394379	28.03873	.0904642	.0555023	.1733412	111.3460
#2	.0047535	.0394980	28.06795	.0907940	.0558213	.1719813	111.7238
#3	.0046556	.0394991	28.15494	.0906487	.0559829	.1733942	112.0815

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.281008	18.54124	.1394804	-.000224	.8929717	.1561477	1.918001
Stddev	.002958	.03664	.0008956	.000041	.0927590	.0022373	.002117
%RSD	.0901403	.1976384	.6421222	18.29854	10.38767	1.432830	.1103540

#1	3.277909	18.49955	.1396578	-.000240	.8382303	.1560923	1.918384
#2	3.281315	18.55585	.1402740	-.000178	.8406131	.1584123	1.915718
#3	3.283800	18.56832	.1385093	-.000256	1.000072	.1539387	1.919899

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.89117	.9261588	-.275517	.0016756	1.259559	19.84347	.0094292
Stddev	.03201	.0009334	.001826	.0004062	.013659	.01904	.0009635
%RSD	.2483471	.1007859	.6627358	24.24278	1.084437	.0959741	10.21834

#1	12.85427	.9272059	-.276473	.0015769	1.255702	19.85607	.0086889
#2	12.91149	.9258569	-.273411	.0021221	1.274732	19.82156	.0105186
#3	12.90775	.9254138	-.276666	.0013278	1.248244	19.85279	.0090801

Sample Name: I4389-10 Acquired: 8/5/2017 21:42:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9N6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.018523	.0052037	.0193896
Stddev	.002933	.0000195	.0000473
%RSD	.2879217	.3753951	.2441675

#1	1.016869	.0051812	.0194401
#2	1.016790	.0052153	.0193823
#3	1.021909	.0052147	.0193463

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1332.965	2330.621	52455.25	11688.35	3175.253
Stddev	1.684	1.741	162.03	7.79	3.079
%RSD	.1263524	.0747080	.3088967	.0666469	.0969826

#1	1333.958	2328.636	52451.49	11696.89	3171.909
#2	1333.916	2331.339	52619.13	11681.64	3175.878
#3	1331.020	2331.889	52295.13	11686.52	3177.972

Sample Name: I4389-11 Acquired: 8/5/2017 21:45:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9N7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0890442	-.009508	.3720995	-.018519	.0049800	55.20517	1.384595
Stddev	.0028706	.001872	.0036588	.002407	.0013649	.16057	.003770
%RSD	3.223843	19.68816	.9832813	12.99887	27.40799	.2908622	.2723026

#1	.0863909	-.011408	.3747101	-.020299	.0038524	55.08232	1.381173
#2	.0886502	-.009451	.3736709	-.015780	.0045903	55.14634	1.383977
#3	.0920915	-.007665	.3679175	-.019479	.0064974	55.38686	1.388637

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043235	.0490059	29.77855	.0889456	.0616952	.1855674	116.0149
Stddev	.0000765	.0008138	.09116	.0002378	.0007301	.0022116	.3994
%RSD	1.770322	1.660644	.3061210	.2673226	1.183328	1.191789	.3442612

#1	.0044101	.0493063	29.81799	.0887412	.0621613	.1867660	115.8883
#2	.0042651	.0496268	29.67431	.0892066	.0620705	.1869211	115.6941
#3	.0042952	.0480846	29.84334	.0888891	.0608539	.1830153	116.4622

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.874260	19.41205	.1421014	.0001072	.8123253	.1721247	2.066972
Stddev	.014492	.05836	.0009559	.0003848	.0756532	.0020683	.004318
%RSD	.3740649	.3006228	.6726730	358.8134	9.313159	1.201624	.2089006

#1	3.879517	19.37526	.1428363	-.000200	.8504384	.1698148	2.065662
#2	3.857873	19.38155	.1424473	-.000017	.7251957	.1738051	2.063461
#3	3.885390	19.47934	.1410208	.000539	.8613419	.1727541	2.071793

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.49188	.7580815	-.288648	.0016888	1.174823	17.49906	.0095388
Stddev	.04314	.0074838	.001549	.0002274	.004961	.16752	.0006492
%RSD	.3197726	.9872064	.5367948	13.46420	.4222953	.9572905	6.806060

#1	13.53153	.7637984	-.290190	.0014625	1.177093	17.67967	.0099604
#2	13.44593	.7608351	-.287091	.0019173	1.178243	17.34878	.0098647
#3	13.49816	.7496110	-.288663	.0016867	1.169133	17.46874	.0087912

Sample Name: I4389-11 Acquired: 8/5/2017 21:45:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9N7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.072544	.0056453	.0211389
Stddev	.001247	.0000305	.0000473
%RSD	.1163048	.5405072	.2236491

#1	1.072169	.0056103	.0211817
#2	1.073935	.0056590	.0211467
#3	1.071526	.0056665	.0210881

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1336.032	2376.995	52797.86	11770.09	3199.918
Stddev	5.216	22.019	311.38	56.21	34.928
%RSD	.3903983	.9263439	.5897555	.4775909	1.091537

#1	1330.498	2353.476	52564.88	11709.69	3165.179
#2	1336.742	2380.389	52677.17	11820.88	3199.544
#3	1340.857	2397.120	53151.51	11779.71	3235.032

Sample Name: I4389-12 Acquired: 8/5/2017 21:49:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9N8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1059775	-.010656	.4105716	-.018985	.0037891	50.84526	1.423296
Stddev	.0027210	.002029	.0025695	.001895	.0007459	.10380	.002185
%RSD	2.567522	19.04328	.6258390	9.981939	19.68532	.2041410	.1535136

#1	.1028839	-.011113	.4077443	-.017463	.0046486	50.74815	1.421510
#2	.1079998	-.012419	.4112061	-.021107	.0034068	50.83298	1.425732
#3	.1070487	-.008438	.4127645	-.018384	.0033118	50.95465	1.422647

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042318	.0510150	28.59071	.0818492	.0598879	.1927971	111.6022
Stddev	.0000794	.0002835	.09085	.0003156	.0004607	.0008283	.2035
%RSD	1.877318	.5556319	.3177722	.3855861	.7692715	.4296430	.1823652

#1	.0041552	.0506965	28.50148	.0821619	.0603825	.1924428	111.3708
#2	.0043138	.0512396	28.58753	.0818549	.0594709	.1937437	111.6824
#3	.0042262	.0511089	28.68310	.0815308	.0598103	.1922049	111.7534

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.506185	18.48473	.1419225	-.000450	.8414263	.1605511	2.047177
Stddev	.005663	.02412	.0003835	.000080	.0364447	.0007938	.007036
%RSD	.1615189	.1305076	.2701989	17.75988	4.331306	.4944246	.3436937

#1	3.499992	18.46988	.1415408	-.000532	.8826483	.1607015	2.053069
#2	3.511100	18.47175	.1423077	-.000445	.8134819	.1596928	2.039387
#3	3.507462	18.51257	.1419190	-.000373	.8281485	.1612589	2.049076

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.96847	.8049355	-.275397	.0021836	1.430348	15.73769	.0091618
Stddev	.07048	.0024008	.002298	.0005186	.003281	.11208	.0009645
%RSD	.5434824	.2982577	.8344651	23.74908	.2293913	.7121515	10.52702

#1	12.90981	.8056726	-.273264	.0027387	1.431020	15.60832	.0090703
#2	13.04666	.8068813	-.277831	.0017116	1.433242	15.79953	.0082463
#3	12.94895	.8022526	-.275098	.0021006	1.426783	15.80521	.0101687

Sample Name: I4389-12 Acquired: 8/5/2017 21:49:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9N8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.054438	.0053542	.0212145
Stddev	.001248	.0000650	.0000398
%RSD	.1183998	1.213268	.1875176

#1	1.053034	.0052988	.0211945
#2	1.055424	.0054257	.0212603
#3	1.054857	.0053381	.0211886

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1370.525	2376.309	53420.13	11763.10	3212.165
Stddev	2.508	6.655	171.36	17.68	7.460
%RSD	.1830282	.2800646	.3207731	.1503415	.2322360

#1	1367.641	2369.724	53267.98	11778.60	3208.299
#2	1372.201	2376.170	53605.76	11743.83	3207.431
#3	1371.733	2383.032	53386.65	11766.86	3220.764

Sample Name: I4389-13 Acquired: 8/5/2017 21:53:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9N9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1038850	-.011448	.2339218	-.019413	.0048845	58.08104	1.689727
Stddev	.0016075	.001376	.0037979	.001125	.0012822	.19547	.005765
%RSD	1.547418	12.02125	1.623576	5.793914	26.25051	.3365465	.3411925

#1	.1020481	-.010713	.2335455	-.018470	.0046530	57.95108	1.688417
#2	.1045728	-.013036	.2378938	-.020658	.0037338	57.98622	1.684729
#3	.1050343	-.010596	.2303260	-.019111	.0062667	58.30584	1.696034

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049876	.0286327	35.44096	.0928183	.0703516	.1890272	121.4281
Stddev	.0000773	.0001089	.09471	.0007167	.0003231	.0000834	.3219
%RSD	1.550225	.3801819	.2672420	.7721900	.4592453	.0441396	.2651299

#1	.0050177	.0285481	35.36010	.0936314	.0706673	.1891235	121.1920
#2	.0050454	.0285944	35.41761	.0922781	.0700216	.1889830	121.2975
#3	.0048998	.0287555	35.54516	.0925455	.0703659	.1889753	121.7949

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.154968	21.64454	.1837305	-.000768	1.111650	.1754121	1.663354
Stddev	.010397	.05176	.0005377	.000227	.056719	.0007077	.006891
%RSD	.2502262	.2391425	.2926620	29.61058	5.102234	.4034743	.4142684

#1	4.145970	21.62282	.1840121	-.000696	1.142339	.1747660	1.655543
#2	4.152584	21.60718	.1831105	-.001023	1.046198	.1753019	1.665944
#3	4.166350	21.70362	.1840689	-.000586	1.146411	.1761686	1.668574

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.90863	.8661800	-.300759	.0008827	1.076239	9.620040	.0067618
Stddev	.08448	.0030064	.001306	.0002970	.006399	.035615	.0011069
%RSD	.5666552	.3470858	.4343865	33.64114	.5945788	.3702166	16.36989

#1	14.88997	.8637120	-.299544	.0006724	1.078054	9.579751	.0056927
#2	14.83503	.8695283	-.302141	.0007534	1.081534	9.633041	.0079030
#3	15.00087	.8652997	-.300591	.0012224	1.069128	9.647328	.0066897

Sample Name: I4389-13 Acquired: 8/5/2017 21:53:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9N9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8736290	.0060825	.0261609
Stddev	.0022880	.0000346	.0000215
%RSD	.2618942	.5690730	.0822282

#1	.8758079	.0060794	.0261451
#2	.8712457	.0061185	.0261523
#3	.8738335	.0060495	.0261854

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1373.712	2399.306	53958.38	12004.37	3168.420
Stddev	7.140	5.665	139.76	8.13	4.967
%RSD	.5197428	.2361160	.2590162	.0677079	.1567764

#1	1371.679	2395.824	53848.41	11999.39	3163.572
#2	1367.809	2405.843	53911.08	12013.75	3168.189
#3	1381.647	2396.251	54115.65	11999.97	3173.499

Sample Name: I4389-14 Acquired: 8/5/2017 21:57:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9P0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0541007	-.014864	.3595072	-.020700	.0046437	66.01601	1.729015
Stddev	.0047480	.001598	.0017234	.005000	.0012940	.09541	.002487
%RSD	8.776225	10.75378	.4793830	24.15458	27.86627	.1445320	.1438309

#1	.0590841	-.015406	.3612909	-.022754	.0048164	66.12319	1.731341
#2	.0496297	-.013065	.3593796	-.015000	.0058428	65.94030	1.729311
#3	.0535882	-.016121	.3578512	-.024345	.0032720	65.98456	1.726394

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054412	.0278954	251.9252	.1089400	.0764139	.2542193	125.0488
Stddev	.0000781	.0001080	.7249	.0005895	.0002878	.0005215	.3647
%RSD	1.435351	.3871869	.2877548	.5411621	.3766957	.2051589	.2916705

#1	.0053557	.0277782	252.4156	.1084605	.0766325	.2542353	125.3498
#2	.0055088	.0279173	251.0925	.1095983	.0760877	.2547328	124.6432
#3	.0054592	.0279909	252.2674	.1087614	.0765215	.2536900	125.1534

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.342327	45.81255	.1671855	-.000492	1.126458	.2058690	1.639780
Stddev	.021499	.03913	.0006632	.000167	.036079	.0009059	.017808
%RSD	.3389797	.0854070	.3966642	33.96056	3.202882	.4400244	1.085992

#1	6.365254	45.82984	.1679396	-.000678	1.088129	.2050818	1.660080
#2	6.322618	45.84006	.1666931	-.000444	1.159760	.2056661	1.626791
#3	6.339110	45.76776	.1669239	-.000354	1.131485	.2068591	1.632469

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.24527	1.104920	-.292502	.0038304	5.130227	17.37783	.0073688
Stddev	.06547	.003987	.001362	.0006094	.024556	.03741	.0006358
%RSD	.4030044	.3608256	.4654982	15.90806	.4786517	.2152770	8.628986

#1	16.24757	1.109416	-.294072	.0039595	5.155426	17.41569	.0079843
#2	16.17868	1.101815	-.291780	.0043649	5.106369	17.37691	.0067144
#3	16.30955	1.103528	-.291653	.0031669	5.128887	17.34088	.0074078

Sample Name: I4389-14 Acquired: 8/5/2017 21:57:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9P0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9807544	.0070435	.0528014
Stddev	.0026451	.0000218	.0000420
%RSD	.2696976	.3090271	.0795308

#1	.9830203	.0070320	.0528340
#2	.9813950	.0070299	.0528162
#3	.9778479	.0070686	.0527540

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1240.060	2168.222	50243.38	11508.51	2816.610
Stddev	11.205	9.395	131.36	32.92	10.058
%RSD	.9035867	.4333255	.2614428	.2860416	.3570988

#1	1227.475	2158.189	50097.36	11472.22	2805.134
#2	1243.753	2169.664	50351.93	11536.44	2823.893
#3	1248.953	2176.813	50280.85	11516.89	2820.802

Sample Name: I4389-15 Acquired: 8/5/2017 22:01:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9P1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0526938	-.015885	.4087496	-.021391	.0044758	60.82902	1.511608
Stddev	.0026973	.001578	.0025819	.000449	.0012568	.17405	.004111
%RSD	5.118911	9.936965	.6316522	2.100276	28.08084	.2861332	.2719764

#1	.0554730	-.014122	.4057749	-.021363	.0037271	61.02355	1.516189
#2	.0500865	-.017167	.4104088	-.020956	.0059269	60.68801	1.508241
#3	.0525220	-.016365	.4100650	-.021854	.0037735	60.77551	1.510393

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050176	.0308965	280.8192	.1208061	.0727712	.2413676	120.8026
Stddev	.0000653	.0001862	.1610	.0005205	.0002441	.0004934	.1268
%RSD	1.301154	.6026345	.0573491	.4308204	.3354399	.2044013	.1049513

#1	.0049955	.0306850	280.6688	.1202299	.0724899	.2419366	120.9475
#2	.0049663	.0310357	280.7996	.1212422	.0729273	.2411090	120.7118
#3	.0050911	.0309688	280.9891	.1209462	.0728963	.2410574	120.7486

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.917005	41.51234	.1589737	-.000270	1.090969	.1966208	1.724480
Stddev	.010121	.03933	.0003918	.000454	.097453	.0012501	.010109
%RSD	.1463249	.0947347	.2464557	168.4206	8.932697	.6357900	.5862024

#1	6.911211	41.55740	.1594040	-.000313	1.164020	.1952537	1.735295
#2	6.928692	41.48499	.1586377	.000205	.980317	.1969031	1.722878
#3	6.911112	41.49462	.1588793	-.000701	1.128570	.1977056	1.715268

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.44366	1.025044	-.282487	.0033566	4.451926	16.91619	.0059740
Stddev	.06669	.000849	.001394	.0001517	.003920	.05679	.0018853
%RSD	.4318527	.0827996	.4936118	4.517944	.0880431	.3356959	31.55753

#1	15.51864	1.025919	-.281937	.0032768	4.447654	16.98174	.0044212
#2	15.42139	1.024224	-.284072	.0035315	4.455356	16.88515	.0054291
#3	15.39094	1.024991	-.281450	.0032616	4.452768	16.88169	.0080717

Sample Name: I4389-15 Acquired: 8/5/2017 22:01:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9P1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9384987	.0067139	.0543294
Stddev	.0043284	.0000768	.0000536
%RSD	.4612007	1.143485	.0986772

#1	.9339677	.0067911	.0543199
#2	.9425910	.0066376	.0543871
#3	.9389373	.0067130	.0542812

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1253.108	2172.244	49947.29	11455.93	2820.496
Stddev	12.382	8.560	108.11	56.75	5.524
%RSD	.9881340	.3940581	.2164426	.4953500	.1958542

#1	1243.040	2163.285	49838.98	11426.64	2814.373
#2	1249.350	2173.107	49947.70	11419.81	2822.009
#3	1266.934	2180.339	50055.19	11521.34	2825.106

Sample Name: I4389-16 Acquired: 8/5/2017 22:05:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9P2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0638042	-.013442	.4191944	-.026629	.0036652	67.67895	1.637982
Stddev	.0035875	.000719	.0029850	.002713	.0004694	1.35759	.034992
%RSD	5.622737	5.346416	.7120928	10.18988	12.80685	2.005928	2.136314

#1	.0639576	-.014199	.4185738	-.024949	.0035997	68.47160	1.658850
#2	.0673125	-.013359	.4165684	-.025178	.0041639	66.11137	1.597583
#3	.0601424	-.012769	.4224410	-.029759	.0032320	68.45387	1.657512

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059081	.0459312	134.1210	.1121309	.0760646	.2424921	132.2061
Stddev	.0000698	.0000706	2.7973	.0011395	.0004729	.0039671	2.5827
%RSD	1.181784	.1538043	2.085630	1.016221	.6217189	1.635985	1.953574

#1	.0059831	.0458575	135.9327	.1108995	.0756746	.2446431	133.8689
#2	.0058450	.0459377	130.8993	.1123450	.0759286	.2379140	129.2307
#3	.0058962	.0459984	135.5309	.1131481	.0765906	.2449192	133.5187

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.383229	39.66819	.1795474	-.000309	1.038089	.2105211	2.026771
Stddev	.109050	.73305	.0005535	.000449	.101596	.0040672	.014567
%RSD	2.025745	1.847952	.3082456	145.3777	9.786800	1.931947	.7187290

#1	5.450154	40.13316	.1795044	-.000443	1.124317	.2136859	2.021684
#2	5.257393	38.82315	.1790167	-.000674	.926089	.2059338	2.015430
#3	5.442139	40.04825	.1801211	.000192	1.063860	.2119437	2.043200

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.16792	.7237592	-.313177	.0032429	3.161339	22.03941	.0093802
Stddev	.23863	.0022273	.007484	.0004104	.014707	.35337	.0008396
%RSD	1.475940	.3077413	2.389824	12.65541	.4652093	1.603345	8.951020

#1	16.29144	.7236830	-.321471	.0027752	3.146171	22.37140	.0096875
#2	15.89285	.7260236	-.306927	.0035430	3.162311	21.66797	.0084303
#3	16.31947	.7215710	-.311133	.0034104	3.175536	22.07885	.0100230

Sample Name: I4389-16 Acquired: 8/5/2017 22:05:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9P2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9843712	.0072031	.0378631
Stddev	.0165984	.0001939	.0006706
%RSD	1.686192	2.691662	1.771154

#1	.9970730	.0073723	.0383337
#2	.9655903	.0069916	.0370952
#3	.9904504	.0072455	.0381604

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1329.927	2285.930	52148.69	11907.20	2960.572
Stddev	2.964	8.227	95.20	182.15	6.246
%RSD	.2228437	.3599123	.1825508	1.529771	.2109572

#1	1329.874	2276.540	52192.43	11732.18	2955.218
#2	1326.990	2291.874	52214.16	12095.74	2967.433
#3	1332.917	2289.375	52039.48	11893.69	2959.066

Sample Name: CCV095 Acquired: 8/5/2017 22:09:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.007968	4.842094	25.41242	4.859013	4.856957	F 340.7179
Stddev	.019674	.008396	.02300	.008323	.016788	3.8154
%RSD	.3928455	.1733891	.0905254	.1712885	.3456402	1.119809

#1	4.990513	4.851674	25.43306	4.865113	4.853434	341.6989
#2	5.029286	4.836015	25.41659	4.862393	4.875226	343.9469
#3	5.004103	4.838594	25.38762	4.849531	4.842210	336.5077

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.730860	.4882341	2.662628	387.7502	15.44193	2.613633
Stddev	.049500	.0023231	.003308	1.1178	.07102	.002158
%RSD	.5086879	.4758083	.1242507	.2882866	.4599465	.0825732

#1	9.675869	.4876031	2.666159	387.0931	15.48741	2.615822
#2	9.744857	.4908075	2.662126	387.1167	15.47831	2.613570
#3	9.771854	.4862918	2.659600	389.0409	15.36009	2.611507

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.37232	362.5216	14.57489	382.3852	2.453237	1.358312
Stddev	.03741	.3633	.02860	.9668	.004597	.003984
%RSD	.2433541	.1002015	.1962510	.2528302	.1873976	.2933116

#1	15.32923	362.1319	14.55586	381.3975	2.453827	1.359041
#2	15.39114	362.5821	14.56104	382.4285	2.457511	1.361881
#3	15.39658	362.8508	14.60778	383.3297	2.448374	1.354014

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	375.1306	2.334495	15.83134	143.9722	5.395042	F 4.399158
Stddev	.5889	.002254	.08315	.2577	.014039	.008223
%RSD	.1569944	.0965389	.5252269	.1790196	.2602115	.1869215

#1	374.4595	2.335595	15.84259	143.7723	5.410420	4.391324
#2	375.5614	2.331903	15.74313	143.8812	5.391793	4.407721
#3	375.3709	2.335987	15.90829	144.2631	5.382913	4.398429

Sample Name: CCV095 Acquired: 8/5/2017 22:09:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV095 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.930647	5.133765	4.931661	4.870081	5.044037	5.059464
Stddev	.006243	.011883	.013784	.018015	.015285	.023824
%RSD	.1266116	.2314739	.2794900	.3699184	.3030251	.4708755

#1	4.931201	5.145184	4.926134	4.878628	5.028600	5.068360
#2	4.936594	5.134645	4.947350	4.882232	5.059164	5.032472
#3	4.924145	5.121466	4.921499	4.849383	5.044348	5.077559

Elem	Sr4077
Units	ppm
Avg	4.908909
Stddev	.016518
%RSD	.3364906

#1	4.905988
#2	4.926693
#3	4.894047

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1028.136	1796.792	41008.76	9805.070	2294.924
Stddev	5.750	6.362	41.38	28.722	5.761
%RSD	.5592953	.3540602	.1009034	.2929333	.2510437

#1	1033.478	1799.418	40991.96	9836.322	2297.613
#2	1028.881	1789.538	40978.43	9779.827	2288.310
#3	1022.050	1801.421	41055.90	9799.063	2298.849

Sample Name: CCB095 Acquired: 8/5/2017 22:13:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019274	-.000335	.0019899	-.004136	.0001535	.0131473	-.001073
Stddev	.0022768	.000841	.0011424	.000681	.0008215	.0019195	.000215
%RSD	118.1316	251.2299	57.40953	16.47196	535.2504	14.59989	20.01683

#1	-.000700	-.000683	.0031365	-.004528	-.000573	.0132186	-.000826
#2	.003162	.000625	.0019812	-.003349	.001045	.0150301	-.001183
#3	.003320	-.000946	.0008518	-.004530	-.000012	.0111931	-.001211

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000088	.0000413	.0069182	-.000680	-.000167	.0013765	.0120763
Stddev	.000032	.0000512	.0071061	.000412	.000174	.0006052	.0018931
%RSD	36.79323	123.9962	102.7149	60.55430	104.1253	43.96770	15.67594

#1	-.000058	.0000717	.0138932	-.000251	.000026	.0008258	.0119789
#2	-.000122	.0000699	.0071736	-.001073	-.000311	.0012792	.0140162
#3	-.000083	-.000018	-.000312	-.000717	-.000215	.0020244	.0102338

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004389	.0057477	.0002667	.0004248	.1377518	.0006224	.0027958
Stddev	.0001886	.0048088	.0000966	.0002008	.0392442	.0009254	.0006318
%RSD	42.96740	83.66608	36.20849	47.26123	28.48907	148.6737	22.59908

#1	.0004239	.0065744	.0003278	.0002492	.1151572	.0014427	.0028496
#2	.0006346	.0005791	.0001554	.0003815	.1150311	.0008054	.0021388
#3	.0002583	.0100895	.0003169	.0006437	.1830670	-.000381	.0033989

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002420	-.000098	-.000688	.0003422	.0052719	-.004906	-.000049
Stddev	.013427	.000174	.001485	.0001535	.0002606	.000489	.000394
%RSD	554.8248	177.7728	215.9208	44.87459	4.943650	9.961752	812.4823

#1	-.013898	.000081	.000353	.0004396	.0050902	-.004652	-.000250
#2	-.005707	-.000109	-.000027	.0001652	.0055705	-.004597	.000406
#3	.012345	-.000265	-.002389	.0004217	.0051550	-.005470	-.000301

Sample Name: CCB095 Acquired: 8/5/2017 22:13:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB095 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003930	.0003325	.0001694
Stddev	.0000979	.0000628	.0000274
%RSD	24.91534	18.88963	16.18783

#1	.0004540	.0004047	.0001983
#2	.0004449	.0002903	.0001662
#3	.0002801	.0003025	.0001437

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1301.110	2278.822	50221.54	10541.87	3706.043
Stddev	15.316	11.185	156.44	30.04	16.922
%RSD	1.177173	.4908170	.3114935	.2849878	.4566163

#1	1286.834	2266.671	50320.32	10572.38	3687.215
#2	1299.207	2281.106	50041.18	10512.32	3710.930
#3	1317.289	2288.688	50303.12	10540.92	3719.984

Sample Name: I4389-17 Acquired: 8/5/2017 22:18:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9P3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0663442	-.017008	.4931213	-.023742	.0051367	70.44872	1.633095
Stddev	.0007571	.001401	.0331520	.006442	.0034954	.34590	.008871
%RSD	1.141104	8.239748	6.722897	27.13439	68.04672	.4909920	.5431937

#1	.0670671	-.015479	.4928942	-.029377	.0072617	70.83719	1.643111
#2	.0664083	-.018231	.5263863	-.025130	.0070459	70.33492	1.629946
#3	.0655571	-.017314	.4600834	-.016719	.0011025	70.17407	1.626228

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062355	.0406172	503.7526	.1223830	.0776126	.3223019	145.6078
Stddev	.0000839	.0032599	.7380	.0050834	.0057733	.0004798	.3192
%RSD	1.345440	8.025833	.1464914	4.153646	7.438550	.1488750	.2191967

#1	.0062748	.0405387	503.7460	.1248562	.0772716	.3225057	145.8539
#2	.0062926	.0439156	504.4938	.1165363	.0835488	.3217538	145.7223
#3	.0061392	.0373973	503.0179	.1257565	.0720174	.3226462	145.2472

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.629574	94.64451	.1896275	-.000712	1.371162	.2226378	2.708583
Stddev	.009610	.37924	.0133395	.000289	.055135	.0014780	.052031
%RSD	.1707060	.4006948	7.034581	40.58934	4.021075	.6638697	1.920957

#1	5.628110	95.00873	.1885004	-.001046	1.408328	.2209611	2.722120
#2	5.639833	94.67294	.2034947	-.000535	1.397344	.2237518	2.651122
#3	5.620781	94.25186	.1768873	-.000557	1.307814	.2232006	2.752508

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.10715	.8843547	-.334738	.0070487	5.763789	22.90644	.0085986
Stddev	.09172	.0647377	.002176	.0005012	.420961	.06487	.0005711
%RSD	.5694252	7.320332	.6501889	7.110342	7.303541	.2832140	6.642408

#1	16.20185	.8882592	-.334620	.0072016	5.801004	22.97851	.0079563
#2	16.10088	.9470518	-.332624	.0074557	6.164907	22.85270	.0090496
#3	16.01873	.8177531	-.336972	.0064889	5.325456	22.88811	.0087898

Sample Name: I4389-17 Acquired: 8/5/2017 22:18:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9P3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.110390	.0081286	.0805187
Stddev	.003899	.0000930	.0003050
%RSD	.3511434	1.143964	.3788062

#1	1.114529	.0081903	.0807464
#2	1.109855	.0081737	.0806376
#3	1.106786	.0080216	.0801722

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1263.766	2180.055	49659.11	11393.53	2688.770
Stddev	25.903	121.854	1122.25	34.79	174.789
%RSD	2.049676	5.589474	2.259901	.3053158	6.500695

#1	1251.525	2169.921	48988.93	11367.94	2675.296
#2	1293.521	2063.585	50954.71	11379.51	2521.108
#3	1246.252	2306.659	49033.69	11433.14	2869.906

Sample Name: I4389-18 Acquired: 8/5/2017 22:22:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9P4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0728281	-.014803	.4156568	-.028347	.0048951	77.89688	1.880158
Stddev	.0032256	.001850	.0021949	.005614	.0022991	.08347	.001872
%RSD	4.429046	12.49615	.5280522	19.80544	46.96650	.1071569	.0995468

#1	.0758377	-.013948	.4135367	-.022853	.0072375	77.96193	1.879964
#2	.0732235	-.016926	.4155143	-.034074	.0026419	77.80276	1.882119
#3	.0694230	-.013535	.4179195	-.028113	.0048060	77.92595	1.878391

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065507	.0513490	125.3420	.1142026	.0927018	.2455409	151.0766
Stddev	.0000773	.0003308	.0197	.0007631	.0000711	.0002834	.0464
%RSD	1.180277	.6442316	.0156833	.6681814	.0766676	.1154085	.0307193

#1	.0065800	.0510290	125.3218	.1143946	.0927827	.2453013	151.1202
#2	.0066091	.0516897	125.3611	.1148514	.0926495	.2458537	151.0818
#3	.0064630	.0513283	125.3430	.1133619	.0926731	.2454677	151.0278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.260803	35.90504	.1921796	-.000726	1.326568	.2318856	2.115277
Stddev	.001881	.06218	.0012472	.000195	.031018	.0017856	.021443
%RSD	.0300403	.1731686	.6489714	26.86120	2.338224	.7700470	1.013731

#1	6.259037	35.91737	.1922919	-.000868	1.294345	.2309876	2.091915
#2	6.262780	35.96013	.1933669	-.000504	1.356222	.2307272	2.119856
#3	6.260592	35.83762	.1908801	-.000806	1.329138	.2339420	2.134061

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.15657	.7764165	-.361064	.0037349	2.117186	24.57025	.0088433
Stddev	.08264	.0010507	.001013	.0002588	.003872	.04994	.0012310
%RSD	.5114994	.1353278	.2805678	6.928841	.1829075	.2032712	13.91995

#1	16.22786	.7763084	-.361989	.0035172	2.114570	24.59774	.0101403
#2	16.17586	.7775170	-.361221	.0040210	2.121635	24.60040	.0086986
#3	16.06599	.7754240	-.359981	.0036664	2.115354	24.51260	.0076911

Sample Name: I4389-18 Acquired: 8/5/2017 22:22:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9P4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9595407	.0083523	.0399887
Stddev	.0019905	.0000587	.0000724
%RSD	.2074437	.7032486	.1811138

#1	.9576496	.0084114	.0400314
#2	.9616176	.0082940	.0400297
#3	.9593550	.0083516	.0399051

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1333.067	2312.542	52590.88	11940.59	2951.551
Stddev	4.977	2.674	62.61	34.70	9.198
%RSD	.3733457	.1156209	.1190462	.2905971	.3116203

#1	1337.683	2310.309	52536.94	11903.49	2946.820
#2	1333.724	2311.812	52576.17	11946.06	2945.682
#3	1327.794	2315.505	52659.54	11972.23	2962.152

Sample Name: I4389-22 Acquired: 8/5/2017 22:26:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9P6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0748174	-.013619	.6218611	-.023283	.0048503	80.42535	1.946749
Stddev	.0040152	.000826	.0085138	.000945	.0013169	.30633	.003477
%RSD	5.366662	6.066181	1.369081	4.060218	27.15027	.3808877	.1785934

#1	.0705198	-.014463	.6153849	-.023426	.0051660	80.77832	1.950101
#2	.0754596	-.013580	.6315046	-.024149	.0059806	80.22891	1.946986
#3	.0784728	-.012812	.6186939	-.022274	.0034043	80.26884	1.943160

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067677	.0877317	44.09623	.1254204	.1090463	.2594713	153.6107
Stddev	.0000819	.0010251	.03036	.0002189	.0012914	.0012733	.2838
%RSD	1.210674	1.168404	.0688411	.1745454	1.184264	.4907444	.1847639

#1	.0067276	.0872153	44.13035	.1251803	.1082961	.2591898	153.9040
#2	.0068619	.0889123	44.08612	.1256089	.1105375	.2583623	153.3374
#3	.0067135	.0870675	44.07222	.1254719	.1083053	.2608618	153.5906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.423513	27.23858	.1927283	-.000032	1.134324	.2507363	2.805145
Stddev	.013453	.09704	.0021025	.000141	.021801	.0017498	.010403
%RSD	.1812255	.3562510	1.090897	438.4441	1.921947	.6978659	.3708670

#1	7.437095	27.34114	.1911673	-.000131	1.144703	.2522624	2.793154
#2	7.410192	27.14821	.1951190	-.000095	1.109272	.2488265	2.811761
#3	7.423251	27.22638	.1918987	.000129	1.148996	.2511201	2.810521

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.00264	.8338465	-.380837	.0028644	1.736989	25.99285	.0125604
Stddev	.12927	.0115508	.002923	.0000584	.022442	.17480	.0015205
%RSD	.6802570	1.385247	.7674401	2.037631	1.291987	.6725026	12.10568

#1	19.08820	.8245995	-.383143	.0028489	1.716730	26.10140	.0134694
#2	18.85394	.8467942	-.381817	.0029290	1.761112	26.08595	.0134068
#3	19.06579	.8301459	-.377550	.0028154	1.733126	25.79120	.0108050

Sample Name: I4389-22 Acquired: 8/5/2017 22:26:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9P6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.092174	.0079344	.0315166
Stddev	.007539	.0000123	.0000702
%RSD	.6902599	.1544390	.2227901

#1	1.087859	.0079222	.0314630
#2	1.100879	.0079467	.0315961
#3	1.087783	.0079342	.0314907

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1380.881	2399.801	54344.39	12169.69	3057.919
Stddev	4.144	17.807	211.18	54.57	33.218
%RSD	.3000658	.7420394	.3885915	.4484064	1.086278

#1	1379.574	2405.468	54106.13	12114.90	3074.739
#2	1377.549	2379.850	54418.56	12170.15	3019.656
#3	1385.521	2414.086	54508.47	12224.03	3079.364

Sample Name: I4388-01 Acquired: 8/5/2017 22:30:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9K7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0871620	-.015009	.2579637	-.028623	.0036084	93.19160	1.653315
Stddev	.0011095	.000534	.0015860	.003801	.0003628	.17868	.002980
%RSD	1.272914	3.557362	.6147982	13.27789	10.05461	.1917320	.1802418

#1	.0868599	-.015106	.2576095	-.024751	.0032010	93.39770	1.656750
#2	.0883913	-.014433	.2565848	-.028770	.0037276	93.09686	1.651431
#3	.0862348	-.015488	.2596968	-.032348	.0038966	93.08025	1.651763

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061682	.0305354	35.11588	.1214328	.0841987	.1950493	156.4055
Stddev	.0000938	.0001734	.15475	.0001521	.0002924	.0010735	.5471
%RSD	1.520057	.5678243	.4406843	.1252274	.3473262	.5503970	.3497879

#1	.0062204	.0304334	35.23680	.1215122	.0838681	.1961138	156.9921
#2	.0062242	.0304373	35.16935	.1215287	.0844236	.1950670	156.3153
#3	.0060599	.0307356	34.94148	.1212574	.0843045	.1939670	155.9092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.553395	28.15108	.1980694	-.000559	1.038375	.2169772	1.433736
Stddev	.019674	.14701	.0006406	.000112	.016570	.0021241	.015649
%RSD	.4320745	.5222120	.3234152	19.98532	1.595720	.9789404	1.091515

#1	4.574220	28.30304	.1975003	-.000607	1.021037	.2164383	1.415901
#2	4.550844	28.14061	.1979448	-.000431	1.040035	.2193188	1.440139
#3	4.535121	28.00959	.1987632	-.000639	1.054051	.2151745	1.445169

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.86655	.6589795	-.389539	.0005355	1.084134	9.685941	.0092636
Stddev	.02311	.0025491	.004503	.0004140	.002359	.082790	.0008485
%RSD	.1293414	.3868192	1.156046	77.32254	.2175871	.8547444	9.159736

#1	17.88661	.6561269	-.393187	.0006926	1.081416	9.756782	.0097691
#2	17.87177	.6597772	-.390923	.0008479	1.085645	9.706111	.0082840
#3	17.84128	.6610343	-.384506	.0000659	1.085341	9.594929	.0097378

Sample Name: I4388-01 Acquired: 8/5/2017 22:30:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9K7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7689311	.0088480	.0320119
Stddev	.0012608	.0000171	.0000789
%RSD	.1639645	.1929796	.2464403

#1	.7702640	.0088520	.0320744
#2	.7677576	.0088628	.0320381
#3	.7687718	.0088293	.0319233

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1389.349	2396.099	54119.90	12146.09	3081.839
Stddev	5.223	9.575	25.63	65.44	3.044
%RSD	.3759611	.3996239	.0473490	.5387536	.0987849

#1	1395.355	2386.302	54090.78	12092.03	3078.496
#2	1385.871	2396.561	54129.92	12127.40	3082.569
#3	1386.820	2405.436	54138.99	12218.84	3084.452

Sample Name: I4388-02 Acquired: 8/5/2017 22:34:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9K8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0645023	-.016047	.1440683	-.025725	.0026687	95.40153	1.563485
Stddev	.0029248	.004810	.0020667	.004155	.0005860	.26403	.005019
%RSD	4.534403	29.97246	1.434534	16.15108	21.95799	.2767523	.3210080

#1	.0612335	-.021193	.1448889	-.023952	.0033380	95.11396	1.557757
#2	.0668720	-.011664	.1417173	-.030472	.0024200	95.45764	1.565591
#3	.0654015	-.015286	.1455987	-.022751	.0022481	95.63300	1.567109

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059781	.0076952	33.76020	.1174032	.0739576	.1523800	155.0064
Stddev	.0000831	.0002135	.10822	.0009302	.0001363	.0006494	.2238
%RSD	1.389477	2.775041	.3205574	.7923519	.1842830	.4261434	.1444034

#1	.0060661	.0078394	33.63582	.1174942	.0739783	.1531216	154.7479
#2	.0059011	.0074499	33.83287	.1182846	.0738122	.1521056	155.1390
#3	.0059673	.0077962	33.81189	.1164308	.0740824	.1519130	155.1322

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.471882	27.89368	.1914717	-.000905	1.040706	.2082095	.6745311
Stddev	.004503	.12009	.0008386	.000303	.088373	.0013288	.0024637
%RSD	.1297012	.4305099	.4379600	33.50068	8.491688	.6381772	.3652519

#1	3.467267	27.78475	.1923478	-.001221	1.093711	.2066762	.6751544
#2	3.476264	28.02245	.1906766	-.000878	1.089720	.2089272	.6718155
#3	3.472114	27.87383	.1913908	-.000616	.938687	.2090250	.6766233

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.11057	.5712346	-.387801	-.000134	.9115277	13.10582	.0069540
Stddev	.06458	.0018895	.002939	.000136	.0072461	.06545	.0019954
%RSD	.4273634	.3307698	.7577358	102.0913	.7949383	.4994112	28.69404

#1	15.03685	.5734076	-.389422	-.000069	.9194162	13.17586	.0091246
#2	15.15711	.5699796	-.384409	-.000042	.9099987	13.04620	.0051994
#3	15.13776	.5703164	-.389572	-.000290	.9051681	13.09539	.0065380

Sample Name: I4388-02 Acquired: 8/5/2017 22:34:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9K8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8534033	.0089145	.0320112
Stddev	.0009954	.0000872	.0000467
%RSD	.1166343	.9779349	.1458086

#1	.8544965	.0088155	.0319739
#2	.8525495	.0089479	.0320636
#3	.8531637	.0089800	.0319962

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1395.016	2418.783	54484.93	12211.99	3119.595
Stddev	6.467	13.016	175.16	16.34	14.725
%RSD	.4635783	.5381424	.3214864	.1337621	.4720266

#1	1387.673	2406.636	54419.52	12193.48	3102.628
#2	1397.516	2417.191	54351.88	12218.07	3127.118
#3	1399.860	2432.522	54683.38	12224.41	3129.038

Sample Name: I4388-03 Acquired: 8/5/2017 22:38:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9K9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0671122	-.013082	.4879445	-.019195	.0024494	78.13103	1.894263
Stddev	.0021476	.002698	.0021195	.002299	.0008869	.04797	.002277
%RSD	3.199998	20.62072	.4343669	11.97610	36.21131	.0613984	.1201958

#1	.0692172	-.010327	.4875740	-.021841	.0014346	78.11917	1.896844
#2	.0671949	-.015719	.4860347	-.017691	.0028371	78.09010	1.893407
#3	.0649244	-.013201	.4902248	-.018053	.0030764	78.18382	1.892539

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059329	.0426393	71.25393	.1310999	.0846232	.2617112	137.0078
Stddev	.0000978	.0002337	.20382	.0006628	.0002120	.0015198	.2361
%RSD	1.647883	.5480619	.2860489	.5056008	.2505126	.5807088	.1723051

#1	.0060328	.0424533	71.04259	.1311871	.0847851	.2629909	136.7397
#2	.0059283	.0429016	71.26990	.1303977	.0843832	.2600314	137.0988
#3	.0058375	.0425630	71.44929	.1317148	.0847012	.2621113	137.1847

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.893273	30.56181	.1930467	.0004325	1.027002	.2140136	2.288797
Stddev	.014398	.03654	.0003607	.0001679	.054430	.0002308	.011559
%RSD	.2443076	.1195758	.1868570	38.81837	5.299875	.1078571	.5050216

#1	5.877383	30.59566	.1927122	.0003744	.970370	.2142433	2.302056
#2	5.896985	30.52307	.1929990	.0003013	1.078923	.2140157	2.283497
#3	5.905451	30.56671	.1934289	.0006216	1.031712	.2137817	2.280839

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.24613	.9450261	-.322863	.0020704	2.983848	19.44643	.0094735
Stddev	.03137	.0014164	.000226	.0000356	.002437	.02753	.0007523
%RSD	.1476643	.1498781	.0699661	1.721658	.0816579	.1415793	7.941373

#1	21.24322	.9434675	-.322603	.0020384	2.983862	19.41516	.0097746
#2	21.21631	.9453763	-.322981	.0020640	2.986277	19.45707	.0100286
#3	21.27885	.9462346	-.323006	.0021088	2.981404	19.46704	.0086172

Sample Name: I4388-03 Acquired: 8/5/2017 22:38:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9K9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.187206	.0078557	.0330756
Stddev	.002884	.0000071	.0000815
%RSD	.2429125	.0898983	.2462899

#1	1.187723	.0078560	.0331589
#2	1.184099	.0078485	.0330718
#3	1.189796	.0078626	.0329961

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1320.338	2313.783	52251.77	11808.66	3013.453
Stddev	9.314	11.818	164.61	28.54	12.463
%RSD	.7053881	.5107738	.3150252	.2416858	.4135829

#1	1310.517	2300.167	52078.08	11784.14	2999.473
#2	1321.453	2319.801	52271.77	11801.85	3017.486
#3	1329.043	2321.381	52405.46	11839.99	3023.400

Sample Name: I4388-04 Acquired: 8/5/2017 22:42:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9L0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0858067	-.013173	.4888652	-.020891	.0033293	69.74016	1.839787
Stddev	.0046169	.000571	.0015876	.001412	.0008742	.21978	.003072
%RSD	5.380639	4.336568	.3247588	6.760015	26.25771	.3151343	.1669577

#1	.0812153	-.013831	.4896185	-.021654	.0025294	69.50270	1.836537
#2	.0857562	-.012798	.4899361	-.021758	.0031960	69.78139	1.840181
#3	.0904488	-.012891	.4870412	-.019262	.0042625	69.93641	1.842642

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051642	.0544509	40.72924	.1069931	.0800163	.2322036	126.1125
Stddev	.0001217	.0002407	.16197	.0007517	.0004229	.0010850	.4120
%RSD	2.356219	.4420679	.3976628	.7025497	.5285441	.4672502	.3266661

#1	.0052937	.0546519	40.54224	.1074677	.0800883	.2309509	125.6848
#2	.0050523	.0545167	40.82001	.1073851	.0803986	.2328132	126.5066
#3	.0051465	.0541841	40.82546	.1061264	.0795620	.2328466	126.1462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.584863	24.88268	.1646727	.0000140	.8950761	.1926320	2.401166
Stddev	.025769	.11430	.0014418	.0002621	.1002637	.0019879	.007849
%RSD	.4614126	.4593541	.8755606	1870.497	11.20170	1.031986	.3268748

#1	5.555126	24.75871	.1653658	-.000225	.9819761	.1903546	2.393432
#2	5.600628	24.90545	.1656371	.000294	.7853757	.1935214	2.409125
#3	5.598836	24.98388	.1630152	-.000028	.9178764	.1940199	2.400941

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.66900	.7154271	-.302911	.0016784	1.663341	20.15263	.0099509
Stddev	.07042	.0067795	.001841	.0002132	.010541	.06938	.0017960
%RSD	.3772159	.9476222	.6079046	12.70361	.6337090	.3442912	18.04835

#1	18.74934	.7206723	-.301840	.0017858	1.673239	20.15946	.0111361
#2	18.61798	.7178372	-.305038	.0018166	1.664527	20.21835	.0078846
#3	18.63966	.7077718	-.301857	.0014329	1.652258	20.08009	.0108322

Sample Name: I4388-04 Acquired: 8/5/2017 22:42:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9L0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.041274	.0069516	.0264950
Stddev	.004580	.0000286	.0000315
%RSD	.4398412	.4120721	.1188779

#1	1.036858	.0069739	.0265193
#2	1.040963	.0069616	.0265062
#3	1.046002	.0069193	.0264594

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1336.544	2343.925	52446.22	11816.42	3122.073
Stddev	5.656	17.562	91.91	23.31	22.524
%RSD	.4231864	.7492717	.1752529	.1972943	.7214314

#1	1333.208	2331.616	52340.11	11815.37	3108.480
#2	1333.350	2336.122	52501.12	11793.65	3109.668
#3	1343.075	2364.036	52497.42	11840.24	3148.072

Sample Name: I4388-05 Acquired: 8/5/2017 22:46:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9L1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0908257	-.013996	.4921194	-.025351	.0030962	84.79128	1.991291
Stddev	.0038405	.000942	.0003608	.002226	.0010837	.23195	.004627
%RSD	4.228424	6.732050	.0733234	8.779624	35.00150	.2735590	.2323861

#1	.0928621	-.012913	.4917365	-.027758	.0020196	84.79537	1.989924
#2	.0932190	-.014444	.4921686	-.023366	.0041870	85.02116	1.996448
#3	.0863958	-.014630	.4924531	-.024930	.0030821	84.55731	1.987501

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061252	.0431294	45.67532	.1242186	.0929985	.2429500	146.6270
Stddev	.0000469	.0002355	.27233	.0001895	.0001908	.0014693	.7280
%RSD	.7659857	.5459289	.5962352	.1525114	.2051918	.6047818	.4964642

#1	.0060831	.0429084	45.43472	.1242097	.0931228	.2413561	145.9759
#2	.0061168	.0431026	45.97097	.1240337	.0930940	.2442506	147.4130
#3	.0061758	.0433771	45.62027	.1244123	.0927788	.2432431	146.4921

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.977228	28.34918	.1985276	-.000605	1.063957	.2255065	2.050250
Stddev	.025800	.14857	.0012170	.000223	.090943	.0030667	.020756
%RSD	.4316422	.5240602	.6130180	36.82970	8.547627	1.359928	1.012375

#1	5.961306	28.21104	.1999320	-.000372	1.011232	.2227756	2.040130
#2	6.006995	28.50634	.1978694	-.000628	1.011670	.2288242	2.074126
#3	5.963382	28.33017	.1977815	-.000816	1.168968	.2249195	2.036496

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.07579	.7580970	-.352324	.0009315	1.225543	18.45137	.0105791
Stddev	.04906	.0024993	.003380	.0002377	.007435	.02221	.0008542
%RSD	.2327987	.3296761	.9594232	25.52385	.6066374	.1203494	8.074800

#1	21.09330	.7605233	-.355523	.0011461	1.234095	18.43511	.0101038
#2	21.11370	.7555307	-.352660	.0006759	1.221915	18.44234	.0100683
#3	21.02037	.7582370	-.348788	.0009725	1.220620	18.47667	.0115653

Sample Name: I4388-05 Acquired: 8/5/2017 22:46:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9L1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.110357	.0082291	.0312585
Stddev	.004277	.0000183	.0000414
%RSD	.3852278	.2225937	.1322981

#1	1.106742	.0082193	.0312127
#2	1.115079	.0082502	.0312697
#3	1.109250	.0082177	.0312930

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1370.058	2398.892	53379.95	11966.26	3098.225
Stddev	12.628	10.925	267.66	40.06	8.608
%RSD	.9217124	.4554208	.5014268	.3347485	.2778206

#1	1367.492	2390.751	53290.01	11968.16	3091.908
#2	1358.910	2394.617	53168.85	11925.28	3094.737
#3	1383.772	2411.309	53681.00	12005.33	3108.029

Sample Name: I4388-06 Acquired: 8/5/2017 22:50:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9L2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0756960	-.017378	.2194642	-.030051	.0043071	107.1452	2.340000
Stddev	.0002852	.001366	.0028631	.003367	.0018988	.4112	.016768
%RSD	.3767008	7.861727	1.304606	11.20458	44.08618	.3837660	.7165798

#1	.0759643	-.017731	.2198396	-.028825	.0027549	107.2596	2.351076
#2	.0753966	-.018533	.2164319	-.027469	.0037420	107.4870	2.348216
#3	.0757272	-.015870	.2221211	-.033859	.0064243	106.6889	2.320709

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072369	.0133867	48.39276	.1409916	.0942553	.2301217	179.8898
Stddev	.0000510	.0001577	.12775	.0009470	.0009748	.0026752	.4941
%RSD	.7042280	1.177702	.2639840	.6716979	1.034256	1.162512	.2746679

#1	.0072498	.0133169	48.25241	.1405333	.0934455	.2308951	179.3344
#2	.0071807	.0135672	48.50227	.1403609	.0939832	.2323249	180.2805
#3	.0072802	.0132760	48.42359	.1420806	.0953373	.2271450	180.0545

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.152512	34.69679	.2182779	-.000961	1.220522	.2484965	1.041707
Stddev	.013704	.11327	.0003837	.000311	.110915	.0015416	.007836
%RSD	.2659624	.3264625	.1757941	32.35779	9.087486	.6203490	.7522323

#1	5.137433	34.63057	.2179224	-.000801	1.202953	.2467165	1.048812
#2	5.164207	34.82758	.2182267	-.000763	1.119440	.2493972	1.033302
#3	5.155895	34.63222	.2186847	-.001320	1.339173	.2493758	1.043007

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.01799	.6802450	-.447161	-.000013	1.357906	20.61862	.0153940
Stddev	.04959	.0057850	.005226	.000635	.017675	.12781	.0010908
%RSD	.2359577	.8504298	1.168777	5015.089	1.301625	.6198760	7.085960

#1	21.04712	.6741182	-.444195	.000718	1.339384	20.51185	.0141349
#2	21.04612	.6810032	-.444093	-.000430	1.359743	20.58376	.0160537
#3	20.96072	.6856135	-.453196	-.000326	1.374591	20.76024	.0159933

Sample Name: I4388-06 Acquired: 8/5/2017 22:50:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9L2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8245132	.0106056	.0374221
Stddev	.0019926	.0000691	.0001515
%RSD	.2416729	.6516434	.4047270

#1	.8224069	.0106473	.0374531
#2	.8263684	.0106437	.0375557
#3	.8247643	.0105259	.0372575

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1385.506	2420.006	53881.51	12077.74	3060.697
Stddev	5.025	4.988	155.36	20.22	8.625
%RSD	.3626972	.2061235	.2883448	.1674153	.2818025

#1	1381.249	2425.613	53715.06	12097.91	3069.579
#2	1391.049	2418.344	54022.69	12057.47	3060.159
#3	1384.220	2416.061	53906.77	12077.84	3052.354

Sample Name: I4388-07 Acquired: 8/5/2017 22:54:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9L3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0746002	-.016483	.2444613	-.030923	.0034849	94.78670	1.876163
Stddev	.0039096	.001613	.0048521	.004714	.0005463	.20215	.003369
%RSD	5.240802	9.786447	1.984809	15.24514	15.67624	.2132711	.1795784

#1	.0786947	-.017237	.2418288	-.029725	.0028551	94.86634	1.878850
#2	.0709063	-.014631	.2414945	-.036121	.0037682	94.55685	1.872383
#3	.0741995	-.017581	.2500607	-.026924	.0038313	94.93690	1.877256

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067311	.0172748	48.56693	.1280785	.1059083	.2327429	165.6670
Stddev	.0002177	.0003511	.07805	.0005654	.0016060	.0012652	.2190
%RSD	3.234714	2.032291	.1607133	.4414269	1.516435	.5436129	.1321910

#1	.0068005	.0169903	48.62160	.1276638	.1050632	.2313585	165.6877
#2	.0069056	.0171668	48.47754	.1287225	.1049014	.2330306	165.4384
#3	.0064871	.0176671	48.60166	.1278492	.1077605	.2338394	165.8749

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.072516	33.49574	.2259512	-.001140	1.141232	.2249214	1.173382
Stddev	.007125	.09591	.0038047	.000264	.029747	.0010991	.009096
%RSD	.1173351	.2863201	1.683859	23.13570	2.606598	.4886743	.7752231

#1	6.066708	33.47835	.2237121	-.001300	1.127601	.2260743	1.171688
#2	6.070373	33.40972	.2237973	-.001285	1.120743	.2248044	1.165253
#3	6.080467	33.59915	.2303442	-.000836	1.175353	.2238854	1.183207

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.02704	.7037497	-.410496	.0000663	1.376327	13.08008	.0085109
Stddev	.06069	.0145406	.000333	.0004176	.031164	.01744	.0012046
%RSD	.3030293	2.066162	.0811191	629.8418	2.264314	.1333286	14.15376

#1	19.97134	.6958318	-.410864	.0004726	1.368455	13.07152	.0096708
#2	20.01808	.6948864	-.410411	.0000880	1.349854	13.10014	.0072661
#3	20.09171	.7205309	-.410215	-.000362	1.410673	13.06857	.0085957

Sample Name: I4388-07 Acquired: 8/5/2017 22:54:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9L3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6309980	.0095328	.0359647
Stddev	.0012281	.0000521	.0000609
%RSD	.1946261	.5466825	.1693299

#1	.6295926	.0095807	.0359082
#2	.6318644	.0094773	.0359567
#3	.6315371	.0095404	.0360292

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1362.272	2372.986	53532.58	12083.29	3022.657
Stddev	1.137	31.096	27.96	29.15	46.243
%RSD	.0834405	1.310435	.0522376	.2412600	1.529888

#1	1362.328	2388.921	53505.24	12054.66	3044.618
#2	1363.380	2392.884	53531.39	12082.25	3053.827
#3	1361.108	2337.152	53561.13	12112.94	2969.525

Sample Name: I4388-08 Acquired: 8/5/2017 22:58:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9L4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0625120	-.011532	.3728991	-.019702	.0046856	67.69778	1.562494
Stddev	.0005552	.002486	.0018347	.000965	.0016768	.18702	.009069
%RSD	.8881255	21.55982	.4920205	4.897943	35.78656	.2762519	.5804113

#1	.0622028	-.013641	.3749642	-.018592	.0055295	67.90624	1.572886
#2	.0631529	-.008791	.3722759	-.020347	.0057728	67.64234	1.556179
#3	.0621802	-.012163	.3714571	-.020165	.0027545	67.54474	1.558417

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047721	.0343416	48.99909	.1060715	.0704720	.2103527	118.3561
Stddev	.0001024	.0000949	.43849	.0006428	.0000884	.0008782	.5540
%RSD	2.146470	.2762286	.8948986	.6059950	.1253716	.4174789	.4680480

#1	.0047959	.0342662	48.49308	.1059657	.0705588	.2113318	117.7389
#2	.0046599	.0343106	49.26765	.1067606	.0704749	.2100914	118.8102
#3	.0048606	.0344481	49.23654	.1054882	.0703822	.2096348	118.5191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.801906	29.10439	.1541649	-.000260	.8212017	.1914477	1.919073
Stddev	.026999	.11778	.0008679	.000294	.0777911	.0005435	.025981
%RSD	.5622514	.4046711	.5629686	113.2022	9.472841	.2839094	1.353830

#1	4.770791	29.04951	.1532334	.000057	.8774322	.1919873	1.891440
#2	4.819156	29.23959	.1543105	-.000523	.8537498	.1914555	1.922774
#3	4.815769	29.02406	.1549508	-.000313	.7324229	.1909003	1.943005

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.11773	.7953347	-.278920	.0020529	2.147935	18.44319	.0093551
Stddev	.19049	.0034409	.003492	.0001348	.010460	.08500	.0009769
%RSD	1.051391	.4326399	1.252029	6.567487	.4869785	.4608535	10.44289

#1	18.33191	.7982439	-.277831	.0019188	2.144699	18.40968	.0086157
#2	18.05399	.7915365	-.282826	.0021885	2.139476	18.53983	.0089871
#3	17.96728	.7962236	-.276102	.0020513	2.159631	18.38005	.0104626

Sample Name: I4388-08 Acquired: 8/5/2017 22:58:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9L4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.136170	.0068609	.0252934
Stddev	.003235	.0000327	.0000778
%RSD	.2847053	.4759599	.3074710

#1	1.132486	.0068986	.0253782
#2	1.138544	.0068416	.0252767
#3	1.137482	.0068425	.0252254

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1310.226	2302.115	51967.55	11723.37	3087.101
Stddev	5.318	11.164	61.51	66.89	9.184
%RSD	.4059204	.4849586	.1183597	.5705440	.2975015

#1	1316.362	2290.441	51956.28	11723.64	3077.855
#2	1307.377	2303.216	51912.46	11656.35	3087.226
#3	1306.938	2312.688	52033.92	11790.12	3096.222

Sample Name: I4388-09 Acquired: 8/5/2017 23:02:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9L5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0836485	-.010869	.4442913	-.023260	.0037637	68.37529	1.868978
Stddev	.0022760	.002107	.0023760	.003037	.0002415	.09824	.004718
%RSD	2.720869	19.38539	.5347838	13.05641	6.417079	.1436779	.2524223

#1	.0859340	-.013057	.4464726	-.025897	.0035338	68.29710	1.864275
#2	.0813822	-.010695	.4446419	-.023944	.0040154	68.34320	1.868948
#3	.0836293	-.008854	.4417595	-.019939	.0037420	68.48556	1.873710

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051390	.0498179	43.13060	.1093460	.0850687	.2322407	125.1704
Stddev	.0001228	.0004803	.10639	.0008012	.0004374	.0016342	.1331
%RSD	2.389863	.9640801	.2466616	.7326761	.5141205	.7036858	.1063328

#1	.0052697	.0495993	43.20219	.1099398	.0845655	.2329368	125.1036
#2	.0051212	.0503686	43.18126	.1084348	.0852840	.2303737	125.3236
#3	.0050260	.0494857	43.00835	.1096635	.0853567	.2334117	125.0839

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.964874	27.09726	.1736170	-.000003	.8412274	.1913051	2.292854
Stddev	.012498	.08846	.0003068	.000249	.0133414	.0021320	.011585
%RSD	.2095190	.3264372	.1767062	9945.494	1.585944	1.114430	.5052836

#1	5.977642	27.07402	.1739047	.000062	.8286151	.1894192	2.282737
#2	5.964313	27.02275	.1736520	.000208	.8551945	.1908776	2.305493
#3	5.952666	27.19502	.1732942	-.000278	.8398725	.1936184	2.290331

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.32761	.7567267	-.306407	.0011799	1.376729	19.42711	.0095512
Stddev	.02954	.0032946	.001908	.0000690	.002702	.11120	.0002788
%RSD	.1611898	.4353705	.6226799	5.847525	.1962673	.5723862	2.918846

#1	18.33474	.7549895	-.308531	.0011054	1.373841	19.55364	.0098230
#2	18.29515	.7605263	-.304839	.0011927	1.377153	19.38279	.0092660
#3	18.35293	.7546643	-.305851	.0012415	1.379195	19.34491	.0095647

Sample Name: I4388-09 Acquired: 8/5/2017 23:02:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9L5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.056355	.0068693	.0268791
Stddev	.001988	.0000431	.0000516
%RSD	.1882043	.6280315	.1919059

#1	1.055366	.0068797	.0268535
#2	1.058644	.0068219	.0268453
#3	1.055056	.0069063	.0269384

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1352.964	2360.265	53073.81	11884.31	3118.438
Stddev	3.870	6.251	180.72	62.78	7.388
%RSD	.2860210	.2648312	.3405042	.5282983	.2369131

#1	1352.175	2356.146	53105.90	11814.69	3111.186
#2	1349.550	2357.192	52879.20	11901.62	3118.173
#3	1357.168	2367.458	53236.34	11936.63	3125.955

Sample Name: I4388-10 Acquired: 8/5/2017 23:06:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9L6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0894464	-.014643	.2934023	-.028422	.0037582	88.82178	1.876787
Stddev	.0068224	.002294	.0014767	.001414	.0011051	.10095	.004741
%RSD	7.627367	15.66756	.5032950	4.974455	29.40479	.1136572	.2525995

#1	.0897795	-.012459	.2949248	-.028789	.0049365	88.85742	1.881603
#2	.0960962	-.017034	.2933060	-.026861	.0035934	88.90007	1.876632
#3	.0824636	-.014435	.2919762	-.029616	.0027448	88.70784	1.872126

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061686	.0259382	42.71087	.1244491	.0942026	.2294196	154.3804
Stddev	.0000934	.0000528	.07629	.0005074	.0005713	.0012730	.1874
%RSD	1.515009	.2037670	.1786086	.4076912	.6064142	.5548635	.1213660

#1	.0061326	.0259774	42.70621	.1246494	.0944823	.2294928	154.2605
#2	.0060985	.0258781	42.63702	.1238722	.0935454	.2281116	154.2844
#3	.0062747	.0259590	42.78938	.1248257	.0945802	.2306544	154.5963

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.848834	29.90317	.2096563	-.000624	1.010377	.2234520	1.614077
Stddev	.005318	.07918	.0012555	.000177	.027283	.0025017	.001789
%RSD	.0909157	.2648033	.5988460	28.34971	2.700326	1.119559	.1108445

#1	5.846657	29.99140	.2110018	-.000488	1.041321	.2257927	1.615992
#2	5.844951	29.87983	.2094508	-.000560	1.000028	.2208156	1.613791
#3	5.854895	29.83828	.2085162	-.000824	.989782	.2237478	1.612448

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.07040	.7334475	-.385371	-.000059	1.137344	14.44587	.0089134
Stddev	.09967	.0014055	.001669	.000076	.009817	.04731	.0005300
%RSD	.4965955	.1916313	.4330064	128.4349	.8631844	.3274730	5.945578

#1	20.14603	.7346163	-.383896	-.000037	1.145882	14.45985	.0086453
#2	20.10771	.7338381	-.387182	-.000145	1.139532	14.39314	.0085712
#3	19.95746	.7318879	-.385036	.000003	1.126617	14.48461	.0095239

Sample Name: I4388-10 Acquired: 8/5/2017 23:06:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9L6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8267182	.0090291	.0327194
Stddev	.0005309	.0001065	.0000170
%RSD	.0642148	1.179347	.0519230

#1	.8262875	.0091263	.0327233
#2	.8273113	.0090459	.0327340
#3	.8265558	.0089153	.0327008

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1361.034	2378.903	53300.95	11989.24	3070.585
Stddev	7.651	8.146	216.41	20.41	11.405
%RSD	.5621109	.3424075	.4060180	.1702220	.3714290

#1	1355.568	2374.697	53064.36	11970.56	3061.482
#2	1357.757	2373.720	53349.58	11986.15	3066.894
#3	1369.777	2388.292	53488.90	12011.02	3083.378

Sample Name: I4388-11 Acquired: 8/5/2017 23:10:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9L7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0905020	-.012028	.4047653	-.025529	.0047344	84.80444	2.001844
Stddev	.0013875	.001013	.0016030	.003427	.0008913	.47577	.006851
%RSD	1.533119	8.423486	.3960386	13.42333	18.82582	.5610231	.3422390

#1	.0892017	-.012967	.4029773	-.029163	.0057635	84.35004	1.997387
#2	.0903416	-.012161	.4060740	-.025067	.0042177	84.76425	1.998412
#3	.0919628	-.010954	.4052445	-.022356	.0042219	85.29903	2.009733

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061241	.0319544	41.99787	.1208642	.0969732	.2436498	149.6545
Stddev	.0002091	.0002972	.10632	.0007770	.0002577	.0009109	.3796
%RSD	3.414647	.9301425	.2531575	.6428361	.2657742	.3738358	.2536743

#1	.0063326	.0316158	41.87827	.1208713	.0966780	.2439640	149.2162
#2	.0061253	.0320751	42.08168	.1216376	.0971533	.2443620	149.8797
#3	.0059143	.0321723	42.03365	.1200837	.0970884	.2426234	149.8675

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.003127	29.53845	.2002670	-.000699	1.027656	.2130616	1.905223
Stddev	.012047	.03970	.0015935	.000064	.019572	.0005011	.030277
%RSD	.2006785	.1344031	.7957010	9.120697	1.904572	.2351761	1.589182

#1	5.989294	29.52344	.1984796	-.000708	1.005172	.2134823	1.893480
#2	6.011318	29.50843	.2007823	-.000632	1.036915	.2131952	1.882576
#3	6.008769	29.58346	.2015391	-.000758	1.040881	.2125073	1.939613

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.71019	.7465430	-.371858	.0001492	1.183036	17.45577	.0085007
Stddev	.11140	.0029109	.002568	.0002535	.011110	.08857	.0010696
%RSD	.5651766	.3899222	.6905956	169.9448	.9391433	.5073808	12.58238

#1	19.59402	.7435973	-.374739	-.000092	1.171705	17.53411	.0093734
#2	19.72045	.7466138	-.371027	.000125	1.183491	17.47353	.0088213
#3	19.81611	.7494179	-.369809	.000414	1.193912	17.35967	.0073075

Sample Name: I4388-11 Acquired: 8/5/2017 23:10:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9L7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8910999	.0086487	.0315098
Stddev	.0017979	.0000570	.0000491
%RSD	.2017650	.6587641	.1557693

#1	.8930249	.0085839	.0315651
#2	.8908107	.0086710	.0314716
#3	.8894641	.0086911	.0314925

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1348.307	2353.737	53222.80	11955.04	3057.223
Stddev	18.437	39.504	361.34	42.39	32.505
%RSD	1.367415	1.678356	.6789135	.3546018	1.063213

#1	1350.753	2312.895	53252.42	11979.42	3024.230
#2	1365.398	2356.566	53568.41	11979.60	3058.221
#3	1328.768	2391.751	52847.56	11906.08	3089.217

Sample Name: I4388-12 Acquired: 8/5/2017 23:14:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9L8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0654180	-.017886	.1810585	-.033093	.0030558	99.72198	1.751122
Stddev	.0020831	.001899	.0017579	.003107	.0010554	.23775	.004608
%RSD	3.184233	10.61576	.9709181	9.389073	34.53867	.2384132	.2631200

#1	.0653378	-.015746	.1828801	-.036676	.0042601	99.46320	1.746213
#2	.0675400	-.018542	.1793721	-.031134	.0022917	99.93073	1.755353
#3	.0633762	-.019370	.1809233	-.031470	.0026156	99.77202	1.751801

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066240	.0092171	50.48838	.1241388	.0850833	.2018062	166.6108
Stddev	.0001095	.0002350	.18691	.0006493	.0005740	.0007556	.7605
%RSD	1.653621	2.549840	.3702008	.5230232	.6746859	.3744286	.4564582

#1	.0066055	.0089525	50.29269	.1248159	.0849257	.2017413	165.7441
#2	.0067417	.0092969	50.50740	.1235214	.0857197	.2025923	167.1664
#3	.0065250	.0094018	50.66505	.1240792	.0846045	.2010852	166.9221

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.648109	32.90922	.2172816	-.000702	1.041515	.2152398	.9405937
Stddev	.015775	.02214	.0003947	.000200	.066217	.0019012	.0119145
%RSD	.3393801	.0672849	.1816618	28.50956	6.357778	.8833171	1.266703

#1	4.630578	32.88421	.2173318	-.000712	1.067940	.2173503	.9276895
#2	4.652591	32.92632	.2176488	-.000897	1.090439	.2136610	.9511770
#3	4.661158	32.91713	.2168642	-.000497	.966165	.2147081	.9429147

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.18724	.6563602	-.420253	-.000879	1.195219	11.31748	.0079500
Stddev	.02445	.0021599	.001511	.000191	.005149	.05491	.0005873
%RSD	.1344371	.3290803	.3595546	21.72134	.4308339	.4852094	7.387400

#1	18.15934	.6551786	-.421978	-.001056	1.189841	11.36959	.0081292
#2	18.20493	.6588532	-.419616	-.000903	1.200105	11.32271	.0072940
#3	18.19745	.6550488	-.419164	-.000677	1.195709	11.26014	.0084268

Sample Name: I4388-12 Acquired: 8/5/2017 23:14:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9L8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6366659	.0100595	.0341625
Stddev	.0033452	.0000716	.0000026
%RSD	.5254248	.7119251	.0075200

#1	.6352782	.0099822	.0341638
#2	.6342379	.0101236	.0341596
#3	.6404816	.0100728	.0341642

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1349.245	2370.532	53273.88	12091.45	3021.062
Stddev	10.181	39.656	72.85	15.50	35.118
%RSD	.7545622	1.672857	.1367368	.1282027	1.162424

#1	1360.378	2324.790	53280.22	12085.94	2980.765
#2	1340.408	2395.231	53343.35	12079.45	3037.287
#3	1346.950	2391.574	53198.07	12108.95	3045.133

Sample Name: I4388-13 Acquired: 8/5/2017 23:18:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9L9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0652910	-.011952	.3417062	-.018201	.0024702	64.56001	1.501967
Stddev	.0030812	.001944	.0022856	.003855	.0010211	.10686	.003719
%RSD	4.719138	16.26426	.6688851	21.18022	41.33701	.1655144	.2475953

#1	.0643152	-.013044	.3400522	-.013757	.0017166	64.53863	1.498216
#2	.0687419	-.009708	.3407522	-.020201	.0036323	64.67594	1.505653
#3	.0628158	-.013104	.3443143	-.020646	.0020618	64.46546	1.502033

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048123	.0411808	42.03861	.0997739	.0698133	.2070932	117.7457
Stddev	.0001387	.0002626	.12934	.0006108	.0001155	.0001858	.2231
%RSD	2.882157	.6376389	.3076614	.6121587	.1654172	.0897241	.1894798

#1	.0046523	.0409820	41.97543	.0997433	.0698117	.2068788	117.7358
#2	.0048864	.0410819	41.95301	.0991791	.0696987	.2071946	117.5277
#3	.0048983	.0414785	42.18739	.1003995	.0699296	.2072063	117.9735

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.563368	27.67651	.1531554	-.000114	.8063473	.1803111	1.833143
Stddev	.005643	.06102	.0001696	.000178	.0602683	.0036724	.014517
%RSD	.1236687	.2204878	.1107654	156.4629	7.474240	2.036726	.7919156

#1	4.568804	27.61116	.1529788	.000061	.8737279	.1761993	1.835451
#2	4.557538	27.73201	.1531704	-.000294	.7877291	.1832651	1.846368
#3	4.563763	27.68637	.1533171	-.000107	.7575850	.1814689	1.817611

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.74797	.7293928	-.291389	.0015819	2.163294	6.587347	.0102345
Stddev	.06865	.0024571	.001897	.0001804	.007112	.024198	.0008903
%RSD	.3661717	.3368637	.6510388	11.40611	.3287659	.3673357	8.698797

#1	18.69164	.7269597	-.289235	.0017889	2.155425	6.562427	.0111088
#2	18.82443	.7318732	-.292121	.0014578	2.169264	6.588863	.0093291
#3	18.72783	.7293456	-.292811	.0014991	2.165192	6.610751	.0102654

Sample Name: I4388-13 Acquired: 8/5/2017 23:18:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9L9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7442503	.0065634	.0245292
Stddev	.0030893	.0000295	.0000414
%RSD	.4150915	.4493922	.1689636

#1	.7469760	.0065410	.0244957
#2	.7408945	.0065968	.0245756
#3	.7448805	.0065525	.0245164

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1321.872	2338.013	52178.91	11744.23	3138.927
Stddev	12.732	7.229	77.59	20.46	6.635
%RSD	.9631619	.3091938	.1487080	.1741975	.2113634

#1	1317.601	2335.435	52146.70	11722.36	3145.066
#2	1311.825	2332.426	52122.60	11747.45	3131.889
#3	1336.190	2346.177	52267.42	11762.89	3139.827

Sample Name: I4388-14 Acquired: 8/5/2017 23:22:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9M0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0778468	-.014874	.3691754	-.027889	.0043371	81.82646	1.734306
Stddev	.0035847	.000712	.0044997	.001751	.0004109	.24519	.005655
%RSD	4.604796	4.789970	1.218846	6.280192	9.474331	.2996483	.3260664

#1	.0767628	-.014625	.3743452	-.029248	.0038632	81.94923	1.739423
#2	.0749293	-.014320	.3661406	-.028506	.0045954	81.98601	1.735261
#3	.0818484	-.015678	.3670405	-.025912	.0045525	81.54413	1.728234

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059031	.0428817	79.82326	.1228846	.0836778	.2253101	144.7624
Stddev	.0000514	.0006476	.08728	.0008534	.0013209	.0008852	.5085
%RSD	.8713441	1.510263	.1093356	.6944289	1.578523	.3928832	.3512791

#1	.0058449	.0436287	79.91310	.1238551	.0852026	.2247989	145.1125
#2	.0059424	.0425383	79.81789	.1222519	.0829467	.2263322	144.9956
#3	.0059219	.0424780	79.73880	.1225468	.0828841	.2247990	144.1791

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.036569	40.27033	.1881292	-.000498	1.261819	.2236039	1.925774
Stddev	.017141	.23153	.0028943	.000104	.055316	.0019217	.004933
%RSD	.3403244	.5749510	1.538486	20.82892	4.383832	.8593975	.2561595

#1	5.046433	40.19261	.1914680	-.000504	1.323840	.2256926	1.926607
#2	5.046497	40.53072	.1863321	-.000392	1.217585	.2219110	1.920477
#3	5.016776	40.08765	.1865874	-.000599	1.244031	.2232080	1.930237

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.07895	.7892488	-.336336	.0010924	2.428850	3.561517	.0093027
Stddev	.11189	.0079751	.001681	.0000372	.028548	.014170	.0012473
%RSD	.6188950	1.010467	.4998192	3.406620	1.175364	.3978705	13.40753

#1	18.01968	.7981355	-.336558	.0010584	2.460922	3.569524	.0107290
#2	18.20800	.7868964	-.337894	.0011322	2.419409	3.569870	.0087620
#3	18.00916	.7827144	-.334554	.0010867	2.406219	3.545156	.0084170

Sample Name: I4388-14 Acquired: 8/5/2017 23:22:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9M0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9960243	.0080186	.0298719
Stddev	.0035842	.0000715	.0001046
%RSD	.3598472	.8918666	.3500584

#1	.9938103	.0079404	.0299186
#2	1.000160	.0080347	.0299450
#3	.994103	.0080807	.0297521

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1356.679	2359.181	52965.98	12021.10	3009.896
Stddev	2.999	30.539	119.49	58.05	36.211
%RSD	.2210601	1.294458	.2255894	.4829222	1.203057

#1	1354.316	2324.857	52923.70	12023.93	2968.718
#2	1360.053	2383.342	53100.86	11961.68	3036.771
#3	1355.668	2369.344	52873.38	12077.68	3024.198

Sample Name: I4388-15 Acquired: 8/5/2017 23:26:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9M1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0735454	-.012642	.2827192	-.025077	.0041341	75.30286	1.761347
Stddev	.0042117	.000753	.0017634	.005513	.0011232	.20042	.005059
%RSD	5.726623	5.958248	.6237384	21.98484	27.16825	.2661461	.2872162

#1	.0697483	-.012084	.2830853	-.031197	.0038064	75.11578	1.759231
#2	.0728125	-.012344	.2808015	-.023537	.0032112	75.27843	1.757689
#3	.0780754	-.013499	.2842709	-.020499	.0053846	75.51438	1.767120

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054395	.0307369	39.13876	.1100101	.0855125	.2035509	136.0954
Stddev	.0000296	.0003305	.06635	.0011164	.0005527	.0002210	.1825
%RSD	.5446110	1.075134	.1695281	1.014799	.6463984	.1085541	.1341100

#1	.0054737	.0303658	39.19867	.1111484	.0848834	.2032976	136.2866
#2	.0054204	.0308453	39.15016	.1099647	.0859205	.2036513	136.0766
#3	.0054245	.0309995	39.06744	.1089171	.0857335	.2037039	135.9231

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.231868	28.46322	.1838314	-.000829	.9527283	.1953012	1.521821
Stddev	.015149	.11386	.0004264	.000146	.0196248	.0026166	.018870
%RSD	.2895504	.4000320	.2319812	17.60532	2.059855	1.339760	1.239957

#1	5.248468	28.33646	.1835113	-.000751	.9300716	.1983225	1.505598
#2	5.228344	28.49637	.1843155	-.000739	.9636827	.1938084	1.517335
#3	5.218792	28.55682	.1836674	-.000997	.9644305	.1937728	1.542530

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.28509	.6564585	-.342087	.0001228	.9667547	7.214714	.0077897
Stddev	.09539	.0019581	.000701	.0002996	.0036192	.058068	.0008567
%RSD	.5518344	.2982856	.2049993	243.9920	.3743655	.8048540	10.99773

#1	17.20168	.6549757	-.342785	-.000060	.9626364	7.267238	.0071087
#2	17.26450	.6586782	-.342094	-.000040	.9694290	7.224546	.0087515
#3	17.38908	.6557218	-.341382	.000469	.9681987	7.152358	.0075087

Sample Name: I4388-15 Acquired: 8/5/2017 23:26:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9M1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7543649	.0078663	.0270940
Stddev	.0015411	.0000758	.0000402
%RSD	.2042890	.9635658	.1483868

#1	.7561422	.0078039	.0270575
#2	.7533997	.0078442	.0270874
#3	.7535528	.0079506	.0271371

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1354.516	2347.146	53251.11	11976.66	3088.335
Stddev	27.147	33.557	490.09	31.17	27.832
%RSD	2.004167	1.429688	.9203300	.2602506	.9011865

#1	1382.873	2330.043	53706.11	12006.32	3075.272
#2	1351.905	2385.809	53315.02	11944.17	3120.295
#3	1328.768	2325.587	52732.21	11979.49	3069.437

Sample Name: I4388-16 Acquired: 8/5/2017 23:30:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9M2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0695517	-.016831	.2012966	-.027557	.0024904	83.60958	1.700191
Stddev	.0025465	.001794	.0063852	.002414	.0007554	.09889	.002165
%RSD	3.661313	10.65988	3.172048	8.760118	30.33225	.1182777	.1273657

#1	.0723133	-.016213	.1958795	-.026445	.0030548	83.72306	1.702691
#2	.0672964	-.018853	.1996737	-.030327	.0027841	83.56387	1.698967
#3	.0690454	-.015428	.2083367	-.025899	.0016322	83.54182	1.698915

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058030	.0205461	41.98934	.1134563	.0849065	.1894641	146.7390
Stddev	.0000774	.0007789	.14284	.0005534	.0022660	.0010757	.3981
%RSD	1.333983	3.790989	.3401884	.4877974	2.668797	.5677397	.2712945

#1	.0058388	.0199712	42.14734	.1129356	.0837403	.1906040	147.1828
#2	.0057142	.0202345	41.86935	.1133958	.0834611	.1893214	146.4133
#3	.0058560	.0214325	41.95132	.1140375	.0875180	.1884669	146.6210

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.835955	30.49702	.2036354	-.001143	.9983436	.2079984	1.122738
Stddev	.018078	.19628	.0058149	.000206	.0302719	.0011327	.008127
%RSD	.3738198	.6435978	2.855558	18.04188	3.032218	.5445849	.7238585

#1	4.856715	30.67994	.1996778	-.001284	1.031837	.2079444	1.131622
#2	4.823685	30.28967	.2009167	-.001239	.990260	.2091571	1.120914
#3	4.827464	30.52145	.2103117	-.000907	.972934	.2068936	1.115677

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.76752	.6791465	-.370730	-.000404	1.053218	9.620241	.0082280
Stddev	.12073	.0187661	.001077	.000022	.034434	.027524	.0019104
%RSD	.7200164	2.763191	.2903838	5.362453	3.269365	.2861061	23.21810

#1	16.89155	.6686883	-.369539	-.000427	1.030813	9.590026	.0080755
#2	16.65039	.6679397	-.371635	-.000385	1.035973	9.643885	.0063985
#3	16.76062	.7008114	-.371015	-.000398	1.092866	9.626811	.0102101

Sample Name: I4388-16 Acquired: 8/5/2017 23:30:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9M2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7833451	.0086365	.0306894
Stddev	.0026189	.0000370	.0000549
%RSD	.3343272	.4283562	.1787506

#1	.7823867	.0086516	.0307527
#2	.7813403	.0085943	.0306591
#3	.7863082	.0086635	.0306564

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1356.072	2308.748	53658.03	12024.07	2994.218
Stddev	11.129	60.633	171.64	12.90	87.635
%RSD	.8206650	2.626236	.3198868	.1072839	2.926806

#1	1344.881	2307.742	53466.38	12038.59	3020.126
#2	1367.138	2369.877	53797.62	12013.94	3065.978
#3	1356.198	2248.623	53710.07	12019.67	2896.550

Sample Name: I4388-17 Acquired: 8/5/2017 23:34:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9M3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0359511	-.019787	.4502566	-.016587	.0043589	44.65700
Stddev	.0064097	.004126	.0015011	.003166	.0017710	.14424
%RSD	17.82887	20.85101	.3333809	19.08716	40.62910	.3229996

#1	.0365745	-.024387	.4516336	-.016986	.0045500	44.80761
#2	.0292525	-.016415	.4504800	-.013240	.0060265	44.52010
#3	.0420263	-.018558	.4486564	-.019534	.0025001	44.64329

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8663723	.0040106	.0212573	F 1634.956	.0960282	.0387801
Stddev	.0026965	.0000941	.0000484	10.960	.0011269	.0004484
%RSD	.3112399	2.345192	.2274777	.6703788	1.173517	1.156323

#1	.8691134	.0040981	.0212867	1623.601	.0966260	.0392189
#2	.8637227	.0039111	.0212838	1635.793	.0967303	.0387988
#3	.8662809	.0040227	.0212015	1645.474	.0947284	.0383226

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2256244	107.7870	2.427607	204.9619	.1893504	-.000043
Stddev	.0011482	.3281	.008861	.3771	.0003759	.000207
%RSD	.5089143	.3044366	.3650097	.1839912	.1985050	478.2808

#1	.2256502	107.6237	2.421176	204.6899	.1894718	-.000278
#2	.2244635	108.1647	2.437715	205.3924	.1896507	.000113
#3	.2267595	107.5725	2.423931	204.8033	.1889289	.000035

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.818901	.1322704	1.428269	9.511327	.8261481	-.252594
Stddev	.085074	.0012794	.008843	.020222	.0016127	.002719
%RSD	4.677226	.9672538	.6191234	.2126083	.1952033	1.076541

#1	1.846281	.1316055	1.432603	9.515839	.8251518	-.252666
#2	1.723508	.1337453	1.434108	9.489230	.8280087	-.255277
#3	1.886913	.1314603	1.418095	9.528911	.8252839	-.249840

Sample Name: I4388-17 Acquired: 8/5/2017 23:34:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9M3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054551	8.106630	4.311508	.0072113	.5857051	.0090056
Stddev	.0003326	.039856	.015278	.0019860	.0021847	.0000893
%RSD	6.097362	.4916515	.3543531	27.54001	.3730035	.9917658

#1	.0055930	8.063316	4.299433	.0064963	.5835968	.0089949
#2	.0056966	8.141758	4.328684	.0094559	.5879589	.0089222
#3	.0050757	8.114816	4.306407	.0056819	.5855596	.0090998

Elem	Sr4077
Units	ppm
Avg	.2110902
Stddev	.0002883
%RSD	.1365561

#1	.2109774
#2	.2108753
#3	.2114177

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1074.603	1903.308	42850.10	10500.61	2290.031
Stddev	12.325	13.352	304.80	23.98	13.141
%RSD	1.146908	.7015309	.7113125	.2283450	.5738401

#1	1069.198	1888.662	42684.36	10515.44	2275.397
#2	1065.905	1906.462	42664.09	10472.95	2293.873
#3	1088.707	1914.801	43201.86	10513.45	2300.823

Sample Name: I4388-22 Acquired: 8/5/2017 23:38:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MET9M6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0773192	-.010872	.2292243	-.023952	.0019242	55.57781	1.242265
Stddev	.0038484	.001040	.0008520	.004944	.0000353	.09129	.003812
%RSD	4.977237	9.568898	.3716959	20.64322	1.832446	.1642486	.3068857

#1	.0760244	-.010370	.2283736	-.018701	.0019551	55.54889	1.246244
#2	.0742851	-.012069	.2292216	-.028519	.0018858	55.50449	1.238645
#3	.0816479	-.010179	.2300777	-.024635	.0019316	55.68006	1.241907

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040752	.0329602	38.51200	.0883346	.0690347	.1465822	116.2540
Stddev	.0000782	.0002185	.09811	.0007808	.0001821	.0011594	.2039
%RSD	1.918370	.6629693	.2547458	.8838949	.2637165	.7909413	.1754161

#1	.0041078	.0331476	38.40963	.0888968	.0689716	.1453745	116.0513
#2	.0039860	.0327201	38.52117	.0874431	.0692399	.1466859	116.2516
#3	.0041319	.0330128	38.60520	.0886639	.0688926	.1476863	116.4591

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.615931	21.75450	.1671332	-.000131	.9760122	.1630774	1.248708
Stddev	.007920	.04263	.0005474	.000183	.0324778	.0018172	.006621
%RSD	.2190285	.1959560	.3274975	139.9080	3.327603	1.114284	.5302212

#1	3.608412	21.70534	.1668651	-.000340	.9435146	.1612854	1.254972
#2	3.615184	21.78125	.1667716	.000004	1.008470	.1630281	1.241780
#3	3.624199	21.77692	.1677630	-.000057	.976052	.1649187	1.249370

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.22264	.6846446	-.292740	.0001615	.6724659	17.70820	.0064878
Stddev	.02125	.0020391	.002654	.0002806	.0038341	.06090	.0006905
%RSD	.1893209	.2978258	.9066283	173.7854	.5701576	.3439137	10.64287

#1	11.19859	.6823427	-.289856	.0000352	.6736505	17.63851	.0058601
#2	11.23887	.6862241	-.295080	.0004831	.6755679	17.73488	.0072274
#3	11.23045	.6853670	-.293284	-.000034	.6681793	17.75121	.0063758

Sample Name: I4388-22 Acquired: 8/5/2017 23:38:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MET9M6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8487763	.0063392	.0203990
Stddev	.0009016	.0000467	.0000719
%RSD	.1062266	.7359365	.3524180

#1	.8484518	.0063930	.0204403
#2	.8497953	.0063148	.0204407
#3	.8480819	.0063099	.0203160

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1359.431	2350.438	53378.59	11887.04	3151.427
Stddev	4.367	7.051	105.53	33.40	4.616
%RSD	.3212129	.2999797	.1976964	.2809535	.1464650

#1	1354.554	2350.483	53262.22	11895.40	3151.979
#2	1362.979	2343.364	53405.48	11850.25	3146.561
#3	1360.759	2357.466	53468.08	11915.45	3155.742

Sample Name: CCV096 Acquired: 8/5/2017 23:42:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.728865	4.547121	23.99807	4.587577	4.548429	F 338.5323
Stddev	.032099	.013427	.10578	.015738	.032846	2.4591
%RSD	.6787897	.2952883	.4407857	.3430531	.7221411	.7263865

#1	4.736355	4.553078	24.04587	4.588210	4.563643	336.6037
#2	4.756557	4.556538	24.07151	4.602988	4.570909	337.6918
#3	4.693684	4.531746	23.87682	4.571532	4.510734	341.3014

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.176782	.4529200	2.518587	377.6199	14.46450	2.473652
Stddev	.033089	.0006998	.003995	1.2744	.06648	.010519
%RSD	.3605699	.1545009	.1586351	.3374892	.4596079	.4252365

#1	9.189330	.4530344	2.519055	379.0788	14.49435	2.480627
#2	9.201761	.4521700	2.522328	377.0577	14.38832	2.478776
#3	9.139254	.4535555	2.514378	376.7233	14.51082	2.461553

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.45590	F 359.6809	13.60218	371.2721	2.297837	1.285626
Stddev	.01737	1.2835	.03931	.8049	.008151	.000175
%RSD	.1201489	.3568417	.2889935	.2167905	.3547189	.0136296

#1	14.44877	360.8146	13.64653	372.0536	2.296787	1.285493
#2	14.44324	359.9406	13.58835	371.3170	2.306462	1.285562
#3	14.47570	358.2874	13.57165	370.4457	2.290262	1.285825

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	377.2285	F 2.169243	15.38170	F 134.7285	5.089775	F 4.052135
Stddev	.9718	.005806	.09798	.1502	.002046	.010925
%RSD	.2576221	.2676470	.6369949	.1115168	.0401956	.2696015

#1	376.3942	2.171904	15.26915	134.7731	5.091948	4.046903
#2	378.2956	2.162583	15.42805	134.8514	5.089491	4.064692
#3	376.9959	2.173241	15.44791	134.5610	5.087886	4.044811

Sample Name: CCV096 Acquired: 8/5/2017 23:42:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV096 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.638809	4.818703	4.604527	4.556869	4.738850	4.711050
Stddev	.021320	.016598	.012282	.021970	.007513	.006743
%RSD	.4595966	.3444406	.2667467	.4821368	.1585487	.1431318

#1	4.644469	4.831381	4.590566	4.547763	4.745104	4.713567
#2	4.656728	4.824811	4.613671	4.581928	4.730516	4.716173
#3	4.615230	4.799917	4.609344	4.540916	4.740929	4.703410

Elem	Sr4077
Units	ppm
Avg	4.660911
Stddev	.010351
%RSD	.2220716

#1	4.654164
#2	4.672828
#3	4.655740

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1025.999	1796.503	41030.63	9866.576	2291.286
Stddev	5.761	13.448	46.99	17.731	15.276
%RSD	.5614673	.7485919	.1145360	.1797037	.6666969

#1	1032.564	1788.542	41029.32	9852.376	2281.677
#2	1021.791	1788.937	41078.27	9860.903	2283.280
#3	1023.641	1812.031	40984.31	9886.448	2308.901

Sample Name: CCB096 Acquired: 8/5/2017 23:47:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018502	.0007688	.0012893	-.001577	-.000264	.0305088	-.001575
Stddev	.0012500	.0012229	.0005705	.004020	.001024	.0033216	.000100
%RSD	67.55936	159.0583	44.25204	254.8497	388.5231	10.88722	6.326434

#1	.0024643	.0021656	.0019466	.002213	.000152	.0329216	-.001601
#2	.0004119	-.000109	.0009216	-.001151	-.001430	.0318843	-.001465
#3	.0026743	.000250	.0009997	-.005794	.000488	.0267204	-.001660

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000076	-.000002	.0076903	-.000931	-.000139	.0015887	.0062783
Stddev	.000047	.000043	.0066791	.000216	.000041	.0003948	.0072171
%RSD	61.12422	2804.324	86.85137	23.17401	29.56101	24.85242	114.9519

#1	-.000124	-.000049	.0104536	-.000812	-.000119	.0011961	.0144978
#2	-.000075	.000011	.0125443	-.000802	-.000186	.0019857	.0009784
#3	-.000030	.000033	.0000729	-.001181	-.000112	.0015842	.0033588

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002913	-.006098	.0002286	.0004611	.0872279	-.000107	.0001122
Stddev	.0001207	.004611	.0001956	.0001630	.0817165	.000484	.0010573
%RSD	41.45492	75.61970	85.55468	35.33827	93.68163	450.3502	942.6487

#1	.0002325	-.003088	.0002900	.0004753	.1541427	.000397	-.000720
#2	.0004302	-.011407	.0000097	.0002915	.1113848	-.000568	.001302
#3	.0002112	-.003798	.0003860	.0006165	-.003844	-.000151	-.000245

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.025465	.0000978	-.000795	.0002753	.0089250	-.004105	-.000328
Stddev	.023543	.0001316	.000986	.0000149	.0013192	.001345	.000348
%RSD	92.45362	134.6057	124.0574	5.396253	14.78092	32.76795	106.1465

#1	-.041839	.0001420	.000294	.0002682	.0092698	-.005199	-.000106
#2	-.036073	.0002016	-.001626	.0002923	.0100375	-.004513	-.000148
#3	.001516	-.000050	-.001053	.0002653	.0074676	-.002603	-.000729

Sample Name: CCB096 Acquired: 8/5/2017 23:47:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v108) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB096 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006729	.0002541	.0001396
Stddev	.0005853	.0000552	.0000252
%RSD	86.97618	21.70799	18.07933

#1	.0013297	.0003099	.0001679
#2	.0004825	.0002529	.0001316
#3	.0002066	.0001996	.0001194

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1288.074	2245.077	49971.63	10537.67	3674.974
Stddev	5.562	4.924	30.93	17.13	3.703
%RSD	.4318130	.2193331	.0618875	.1625661	.1007612

#1	1282.716	2239.411	50002.05	10522.97	3671.746
#2	1293.820	2248.324	49940.22	10533.55	3674.159
#3	1287.685	2247.497	49972.64	10556.48	3679.016