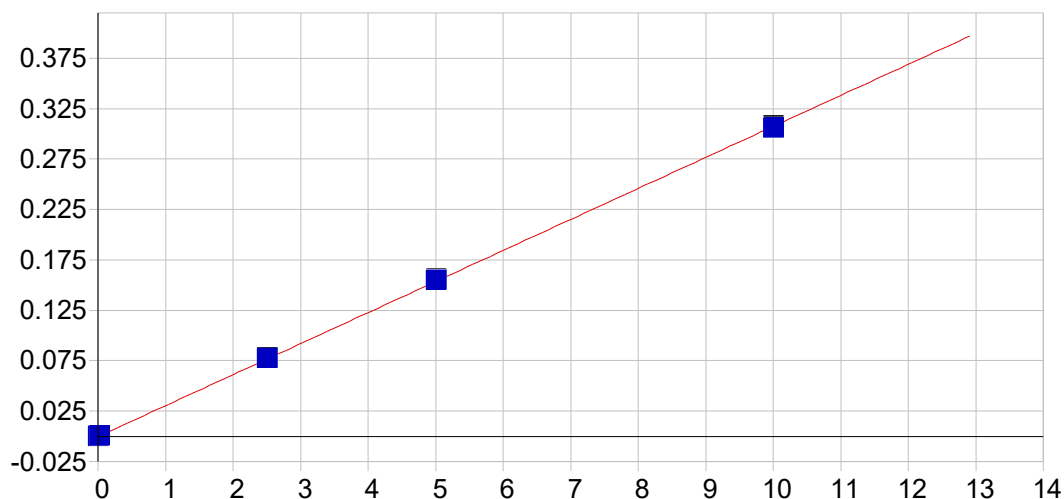


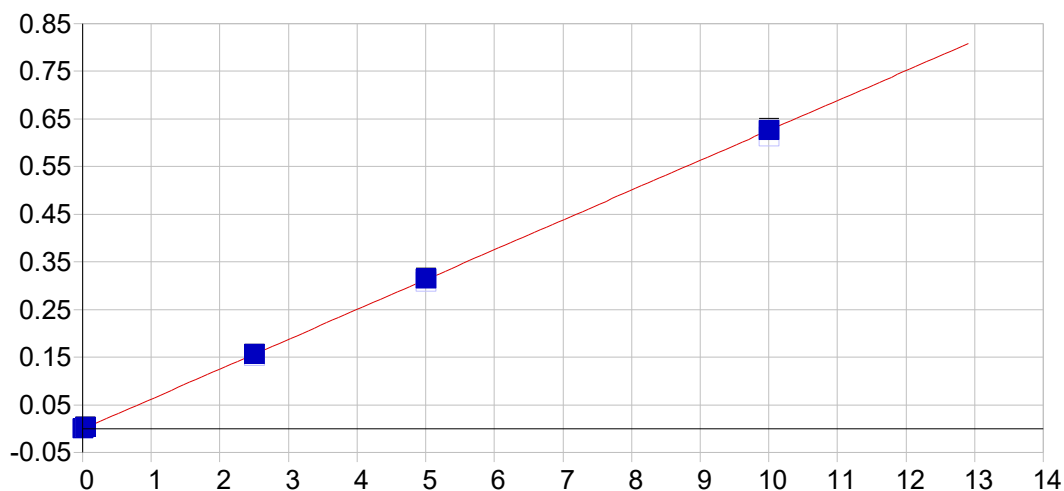


As 189.042 {479}

Date of Fit: 03/19/2019 11:25:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000370 Re-Slope: 1.000000  
 A1 (Gain): 0.030778 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999971 Status: OK.  
 Std Error of Est: 0.000006  
 Predicted MDL: 0.004581  
 Predicted MQL: 0.015271

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00037 | .000    | 1        |
| S1        | .02000       | .02181      | .002       | 9.06    | .00031  | .000    | 1        |
| S3        | 2.5000       | 2.5172      | .017       | .687    | .07720  | .000    | 1        |
| S4        | 5.0000       | 5.0427      | .043       | .855    | .15503  | .001    | 1        |
| S5        | 10.000       | 9.9383      | -.062      | -.617   | .30590  | .002    | 1        |



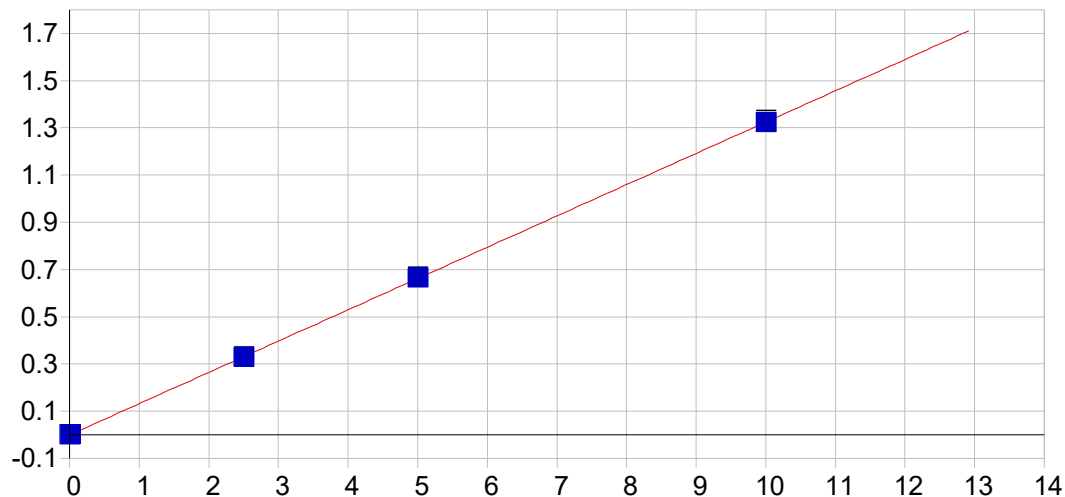
TI 190.856 {477}

Date of Fit: 03/19/2019 11:25:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000482 Re-Slope: 1.000000

A1 (Gain): 0.062636 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999991 Status: OK.  
 Std Error of Est: 0.000009  
 Predicted MDL: 0.002155  
 Predicted MQL: 0.007183

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00048 | .000    | 1        |
| S1        | .04000       | .03799      | -.002      | -5.02   | .00180  | .000    | 1        |
| S3        | 2.5000       | 2.4844      | -.016      | -.625   | .15186  | .001    | 1        |
| S4        | 5.0000       | 5.0218      | .022       | .435    | .30752  | .001    | 1        |
| S5        | 10.000       | 9.9958      | -.004      | -.042   | .61254  | .004    | 1        |

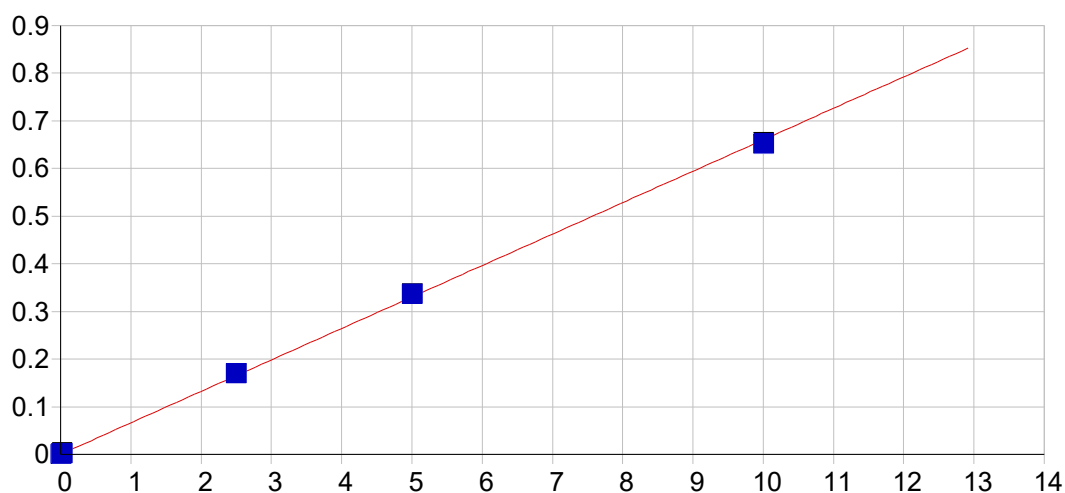


Pb 220.353 {453}

Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000398 Re-Slope: 1.000000  
 A1 (Gain): 0.132495 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999995 Status: OK.  
 Std Error of Est: 0.000008  
 Predicted MDL: 0.002143  
 Predicted MQL: 0.007144

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00040 | .000    | 1        |
| S1        | .01200       | .01200      | .000       | .005    | .00116  | .000    | 1        |
| S3        | 2.5000       | 2.4868      | -.013      | -.527   | .32863  | .001    | 1        |
| S4        | 5.0000       | 5.0214      | .021       | .428    | .66398  | .003    | 1        |
| S5        | 10.000       | 9.9918      | -.008      | -.082   | 1.3216  | .009    | 1        |

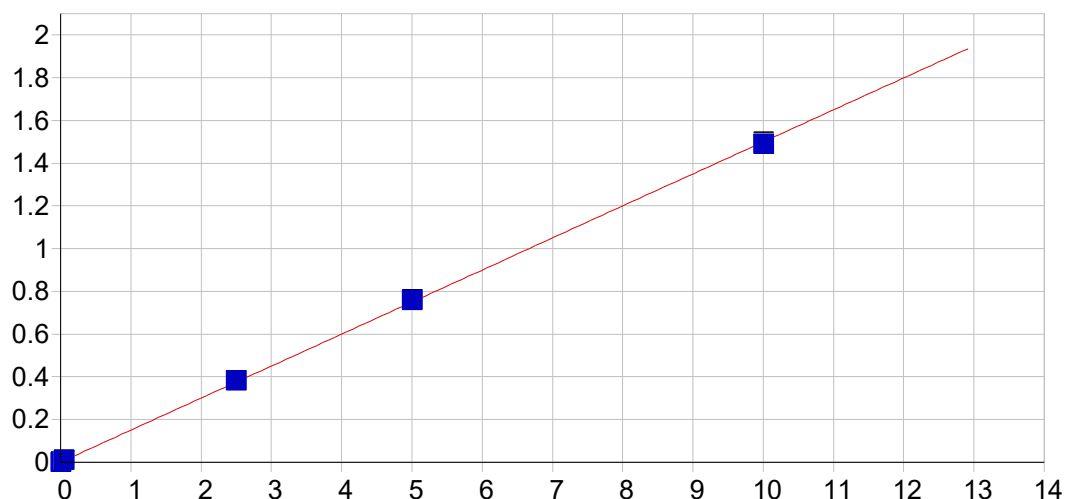


Se 196.090 {472}

Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000261 Re-Slope: 1.000000  
 A1 (Gain): 0.066008 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999834 Status: OK.  
 Std Error of Est: 0.000029  
 Predicted MDL: 0.003260  
 Predicted MQL: 0.010865

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00026 | .000    | 1        |
| S1        | .02000       | .02464      | .005       | 23.2    | .00189 | .000    | 1        |
| S3        | 2.5000       | 2.5584      | .058       | 2.33    | .16909 | .001    | 1        |
| S4        | 5.0000       | 5.0809      | .081       | 1.62    | .33556 | .002    | 1        |
| S5        | 10.000       | 9.8561      | -.144      | -1.44   | .65066 | .004    | 1        |



Sb 206.833 {463}

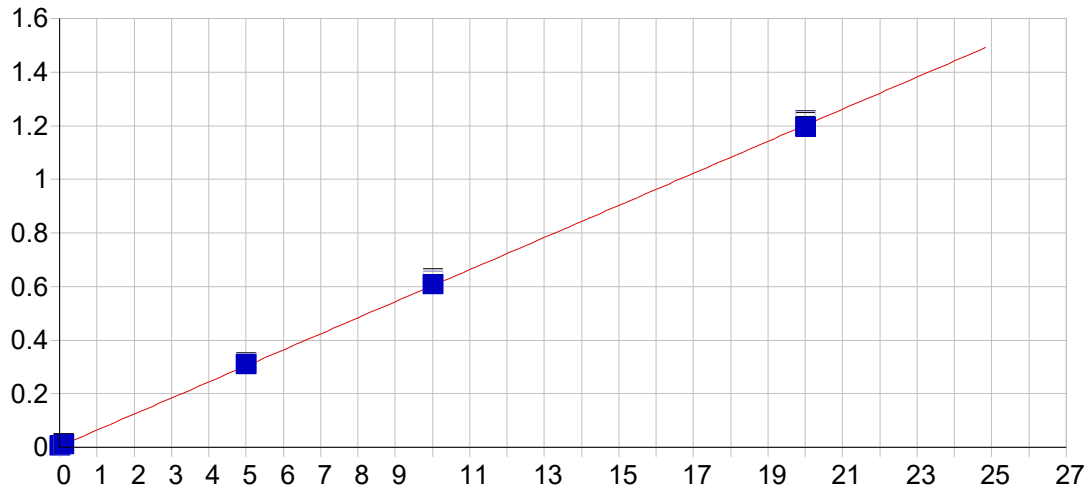
Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000577 Re-Slope: 1.000000  
 A1 (Gain): 0.149931 Y-int: 0.000000

A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999965  
 Std Error of Est: 0.000048  
 Predicted MDL: 0.001820  
 Predicted MQL: 0.006066

Status: OK.

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00058 | .000    | 1        |
| S1        | .05000       | .05139      | .001       | 2.78    | .00826 | .000    | 1        |
| S3        | 2.5000       | 2.5289      | .029       | 1.16    | .37970 | .001    | 1        |
| S4        | 5.0000       | 5.0414      | .041       | .829    | .75637 | .003    | 1        |
| S5        | 10.000       | 9.9283      | -.072      | -.717   | 1.4890 | .009    | 1        |

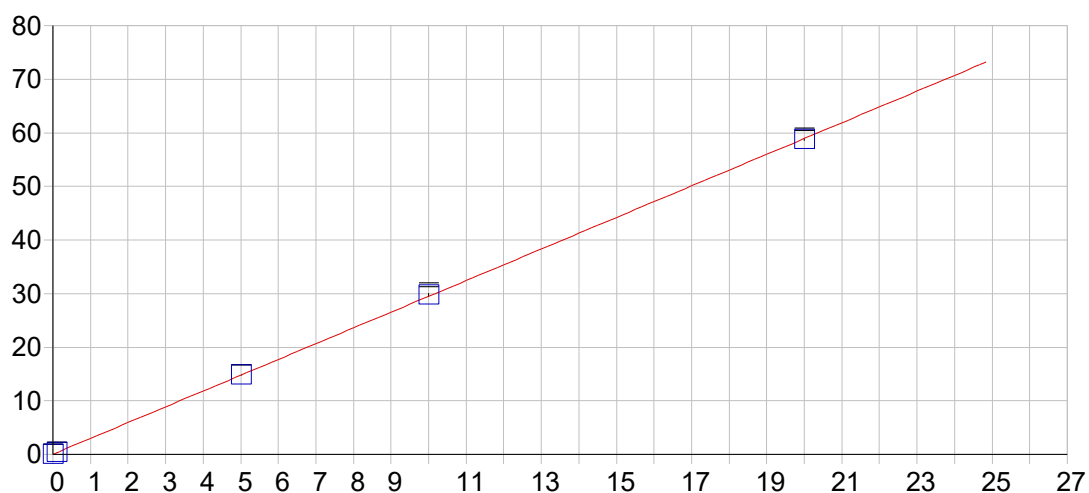


Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004103 Re-Slope: 1.000000  
 A1 (Gain): 0.059889 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999960 Status: OK.  
 Std Error of Est: 0.000041  
 Predicted MDL: 0.018511  
 Predicted MQL: 0.061704

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00410 | .001    | 1        |
| S1        | .10000       | .10348      | .003       | 3.48    | .01075 | .001    | 1        |
| S3        | 5.0000       | 5.0780      | .078       | 1.56    | .31378 | .002    | 1        |
| S4        | 10.000       | 10.067      | .067       | .665    | .61811 | .011    | 1        |
| S5        | 20.000       | 19.852      | -.148      | -.741   | 1.2153 | .004    | 1        |



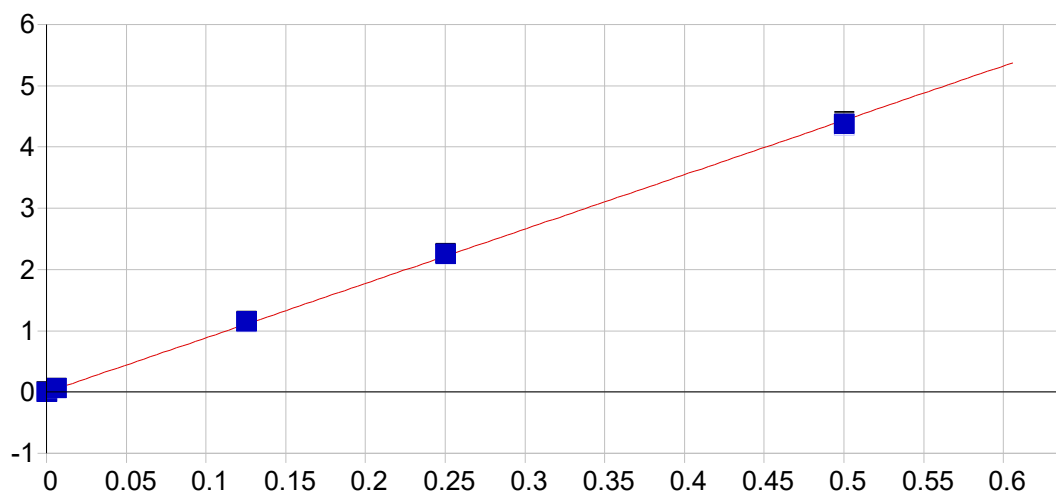


Ba 493.409 { 68}

Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.034572 Re-Slope: 1.000000  
 A1 (Gain): 2.945103 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999985 Status: OK.  
 Std Error of Est: 0.001227  
 Predicted MDL: 0.001114  
 Predicted MQL: 0.003715

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .03456 | .002    | 1        |
| S1        | .10000       | .10541      | .005       | 5.41    | .34500 | .002    | 1        |
| S3        | 5.0000       | 5.0009      | .001       | .018    | 14.763 | .013    | 1        |
| S4        | 10.000       | 10.069      | .069       | .685    | 29.687 | .346    | 1        |
| S5        | 20.000       | 19.925      | -.075      | -.374   | 58.716 | .266    | 1        |



Be 234.861 {144}

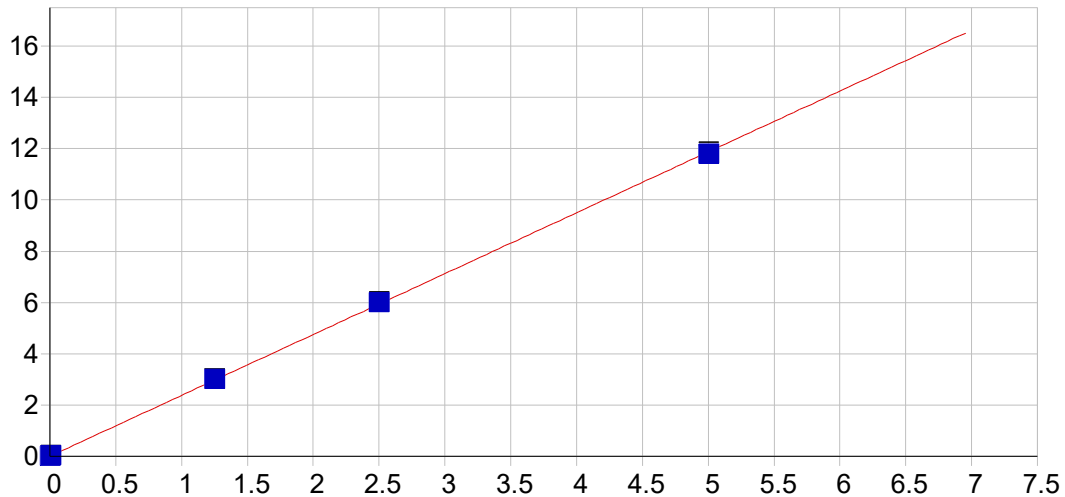
Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002719 Re-Slope: 1.000000  
 A1 (Gain): 8.878107 Y-int: 0.000000

A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999826  
 Std Error of Est: 0.000489  
 Predicted MDL: 0.000071  
 Predicted MQL: 0.000238

Status: OK.

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00272 | .001    | 1        |
| S1        | .00600       | .00648      | .000       | 7.94    | .05418  | .001    | 1        |
| S3        | .12500       | .12842      | .003       | 2.74    | 1.1300  | .014    | 1        |
| S4        | .25000       | .25373      | .004       | 1.49    | 2.2350  | .005    | 1        |
| S5        | .50000       | .49238      | -.008      | -1.52   | 4.3388  | .048    | 1        |



Cd 214.438 {457}

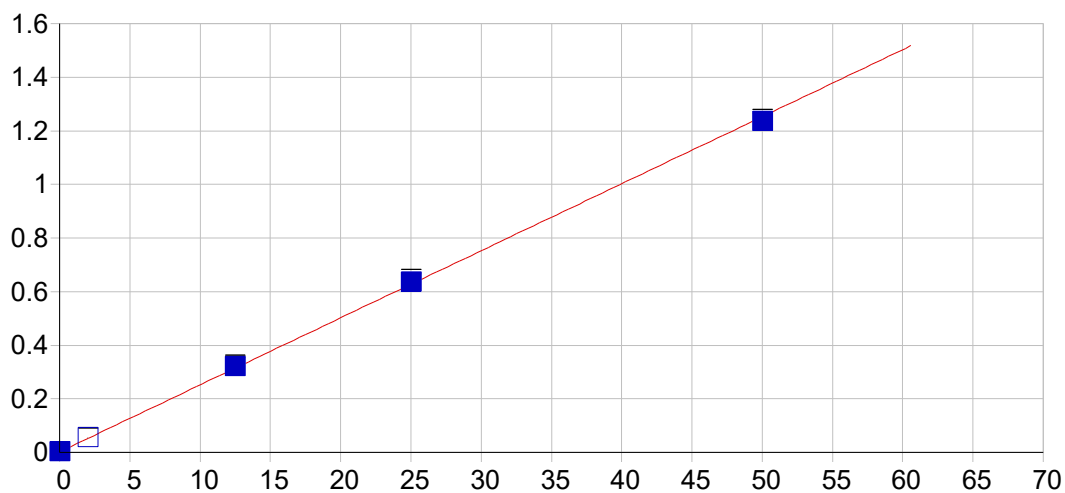
Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000328  
 A1 (Gain): 2.374695  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999957  
 Std Error of Est: 0.000205  
 Predicted MDL: 0.000093  
 Predicted MQL: 0.000311

Re-Slope: 1.000000  
 Y-int: 0.000000

Status: OK.

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00033 | .000    | 1        |
| S1        | .00600       | .00643      | .000       | 7.22    | .01561 | .000    | 1        |
| S3        | 1.2500       | 1.2660      | .016       | 1.28    | 3.0068 | .015    | 1        |
| S4        | 2.5000       | 2.5227      | .023       | .910    | 5.9914 | .026    | 1        |
| S5        | 5.0000       | 4.9608      | -.039      | -.783   | 11.782 | .082    | 1        |

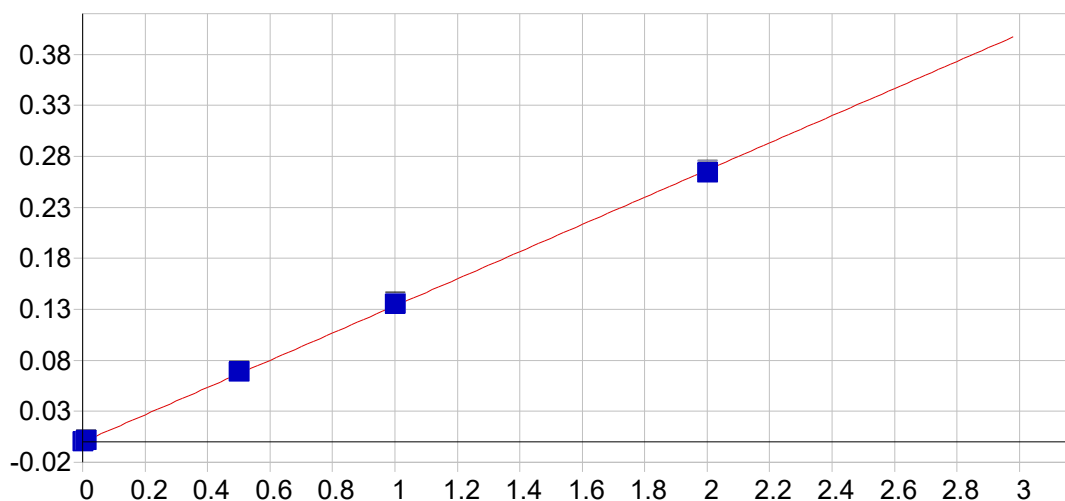


Ca 373.690 { 90}

Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001759 Re-Slope: 1.000000  
 A1 (Gain): 0.025019 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999858 Status: OK.  
 Std Error of Est: 0.000230  
 Predicted MDL: 0.031647  
 Predicted MQL: 0.105490

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00015     | -.000      | .000    | .00176 | .000    | 1        |
| S2        | 2.0000       | 2.1119      | .112       | 5.60    | .05460 | .001    | 1        |
| S3        | 12.500       | 12.727      | .227       | 1.82    | .32005 | .004    | 1        |
| S4        | 25.000       | 25.362      | .362       | 1.45    | .63603 | .008    | 1        |
| S5        | 50.000       | 49.299      | -.701      | -1.40   | 1.2347 | .007    | 1        |



Cr 267.716 {126}

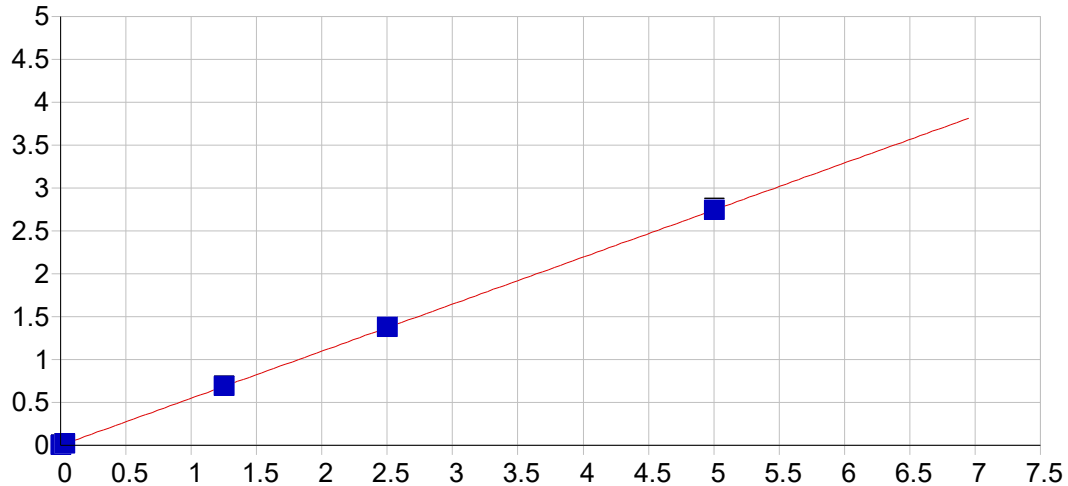
Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000034 Re-Slope: 1.000000  
 A1 (Gain): 0.133277 Y-int: 0.000000

A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999905  
 Std Error of Est: 0.000014  
 Predicted MDL: 0.000598  
 Predicted MQL: 0.001995

Status: OK.

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00003 | .000    | 1        |
| S1        | .01000       | .01009      | .000       | .871    | .00139 | .000    | 1        |
| S3        | .50000       | .51167      | .012       | 2.33    | .06870 | .000    | 1        |
| S4        | 1.0000       | 1.0115      | .012       | 1.15    | .13578 | .001    | 1        |
| S5        | 2.0000       | 1.9767      | -.023      | -1.16   | .26536 | .001    | 1        |



Co 228.616 {448}

Date of Fit: 03/19/2019 11:25:07

Type of Fit: Linear

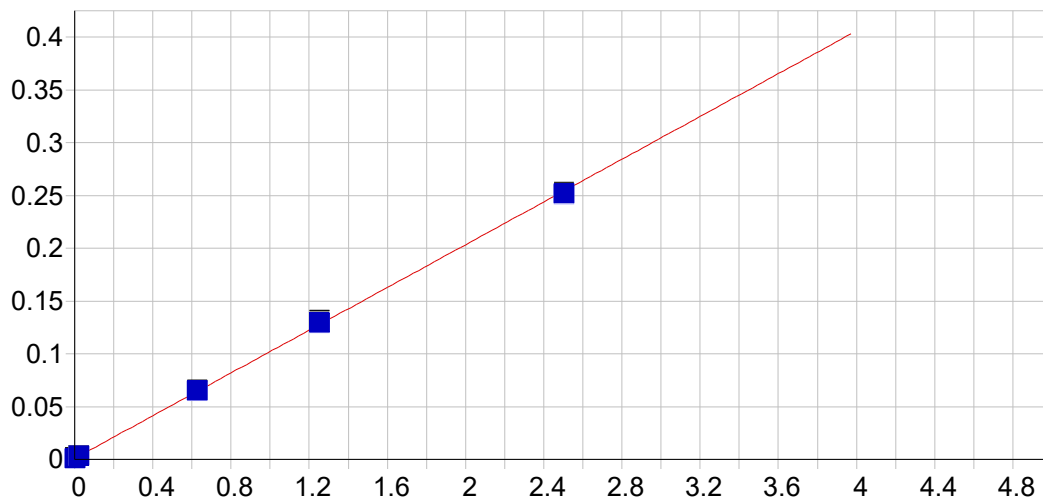
Weighting: 1/Conc

A0 (Offset): 0.000299  
 A1 (Gain): 0.548535  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999998  
 Std Error of Est: 0.000023  
 Predicted MDL: 0.000349  
 Predicted MQL: 0.001162

Re-Slope: 1.000000  
 Y-int: 0.000000

Status: OK.

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00030 | .000    | 1        |
| S1        | .03000       | .03037      | .000       | 1.22    | .01690 | .000    | 1        |
| S3        | 1.2500       | 1.2495      | -.000      | -.037   | .68715 | .002    | 1        |
| S4        | 2.5000       | 2.5072      | .007       | .289    | 1.3785 | .006    | 1        |
| S5        | 5.0000       | 4.9929      | -.007      | -.143   | 2.7448 | .019    | 1        |

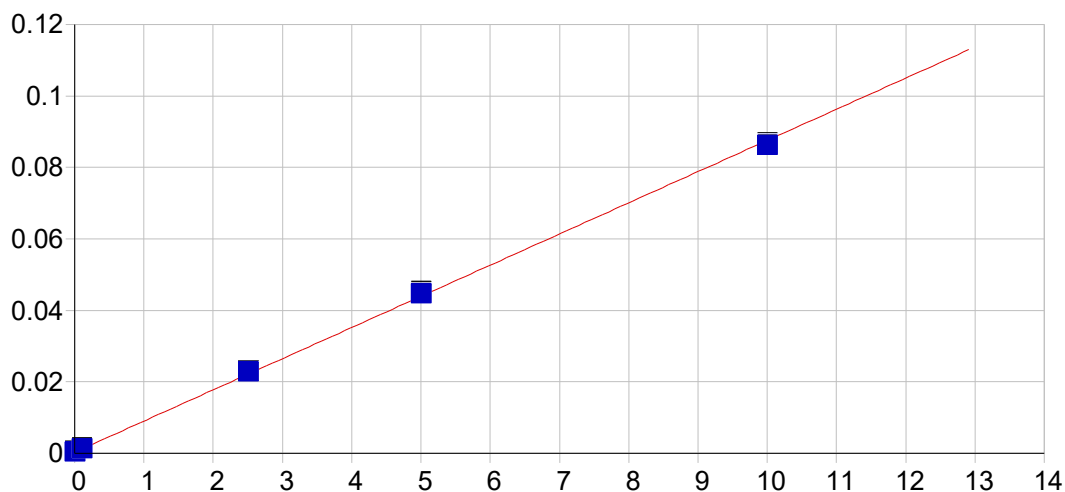


Cu 324.754 {104}

Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000893 Re-Slope: 1.000000  
 A1 (Gain): 0.101240 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999920 Status: OK.  
 Std Error of Est: 0.000015  
 Predicted MDL: 0.005480  
 Predicted MQL: 0.018265

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00089 | .000    | 1        |
| S1        | .02000       | .02207      | .002       | 10.3    | .00312 | .000    | 1        |
| S3        | .62500       | .63141      | .006       | 1.03    | .06449 | .001    | 1        |
| S4        | 1.2500       | 1.2654      | .015       | 1.23    | .12834 | .003    | 1        |
| S5        | 2.5000       | 2.4761      | -.024      | -.954   | .25025 | .001    | 1        |



Fe 259.837 {130}

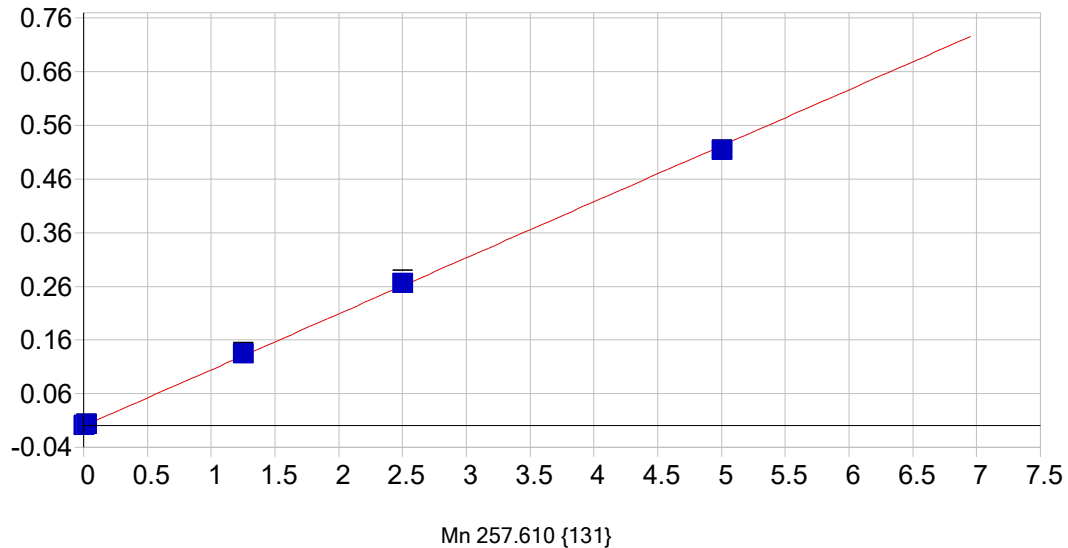
Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000299 Re-Slope: 1.000000  
 A1 (Gain): 0.008725 Y-int: 0.000000

A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999776  
 Std Error of Est: 0.000010  
 Predicted MDL: 0.029035  
 Predicted MQL: 0.096785

Status: OK.

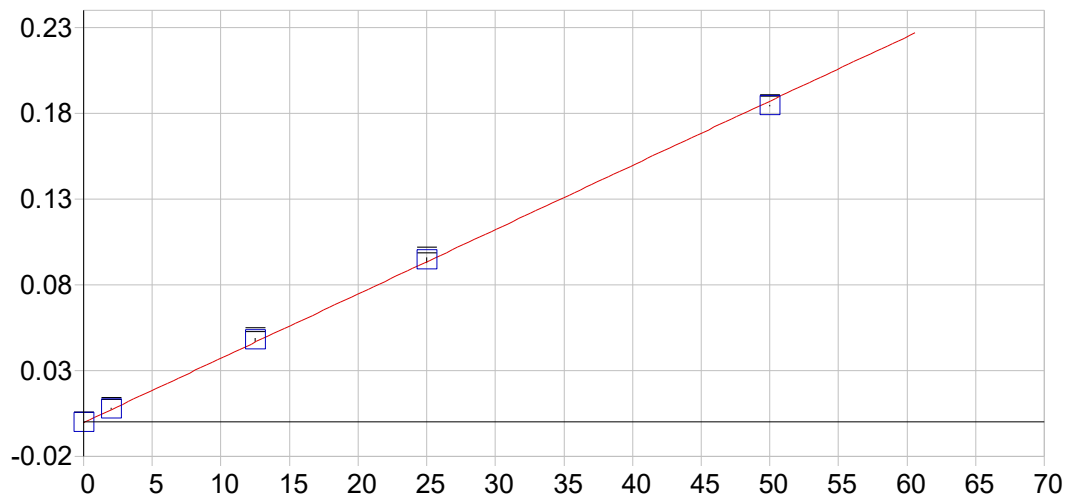
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .00030 | .000    | 1        |
| S1        | .10000       | .11256      | .013       | 12.6    | .00128 | .000    | 1        |
| S3        | 2.5000       | 2.5732      | .073       | 2.93    | .02286 | .000    | 1        |
| S4        | 5.0000       | 5.0833      | .083       | 1.67    | .04487 | .000    | 1        |
| S5        | 10.000       | 9.8310      | -.169      | -1.69   | .08650 | .000    | 1        |



Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000028 Re-Slope: 1.000000  
 A1 (Gain): 0.104401 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999815 Status: OK.  
 Std Error of Est: 0.000034  
 Predicted MDL: 0.002088  
 Predicted MQL: 0.006958

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00003 | .000    | 1        |
| S1        | .02000       | .02249      | .002       | 12.4    | .00238 | .000    | 1        |
| S3        | 1.2500       | 1.2811      | .031       | 2.49    | .13380 | .002    | 1        |
| S4        | 2.5000       | 2.5465      | .047       | 1.86    | .26594 | .005    | 1        |
| S5        | 5.0000       | 4.9198      | -.080      | -1.60   | .51375 | .000    | 1        |

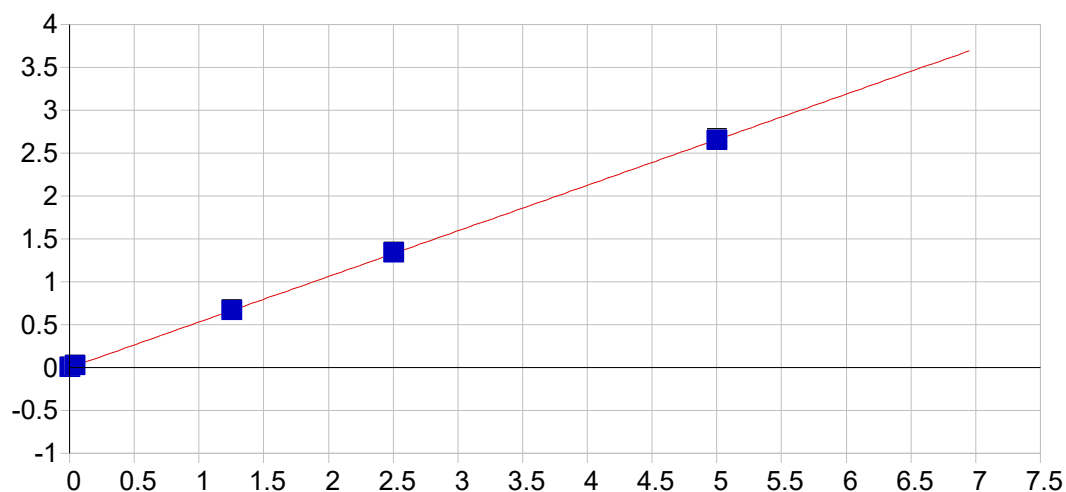


Mg 279.079 {121}

Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000278 Re-Slope: 1.000000  
 A1 (Gain): 0.003748 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999831 Status: OK.  
 Std Error of Est: 0.000038  
 Predicted MDL: 0.081654  
 Predicted MQL: 0.272181

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00018     | -.000      | .000    | -.00028 | .000    | 1        |
| S2        | 2.0000       | 2.1314      | .131       | 6.57    | .00771  | .000    | 1        |
| S3        | 12.500       | 12.835      | .335       | 2.68    | .04782  | .001    | 1        |
| S4        | 25.000       | 25.247      | .247       | .987    | .09434  | .002    | 1        |
| S5        | 50.000       | 49.287      | -.713      | -1.43   | .18443  | .000    | 1        |



Ni 231.604 {446}

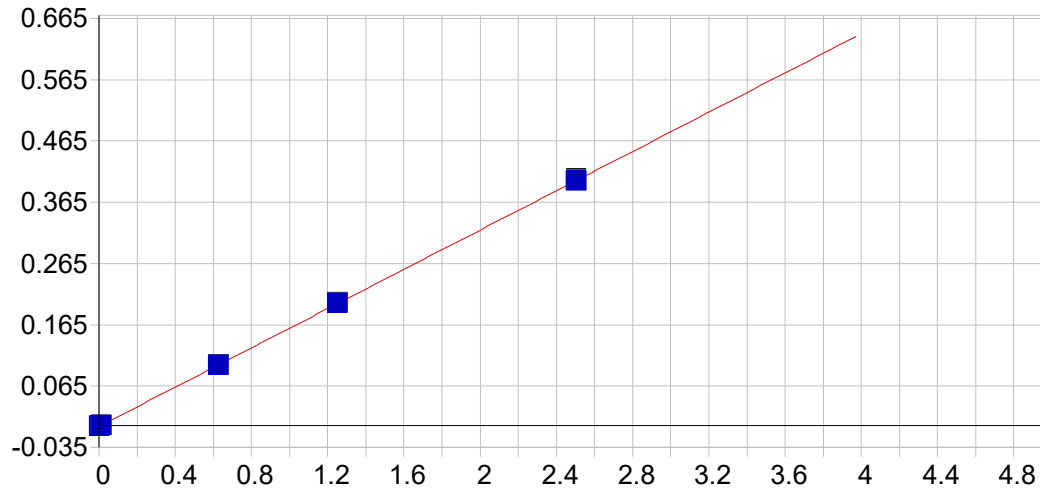
Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001420 Re-Slope: 1.000000  
 A1 (Gain): 0.531569 Y-int: 0.000000

A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999989  
 Std Error of Est: 0.000060  
 Predicted MDL: 0.000469  
 Predicted MQL: 0.001565

Status: OK.

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00142 | .000    | 1        |
| S1        | .04000       | .04168      | .002       | 4.19    | .02075  | .000    | 1        |
| S3        | 1.2500       | 1.2547      | .005       | .379    | .66620  | .002    | 1        |
| S4        | 2.5000       | 2.5106      | .011       | .423    | 1.3344  | .006    | 1        |
| S5        | 5.0000       | 4.9830      | -.017      | -.340   | 2.6499  | .016    | 1        |



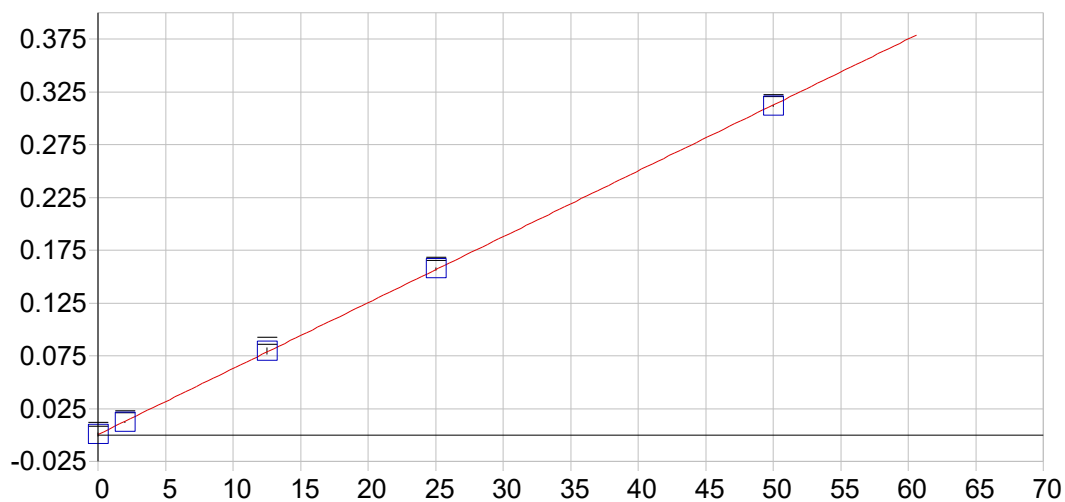
Ag 328.068 {103}

Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

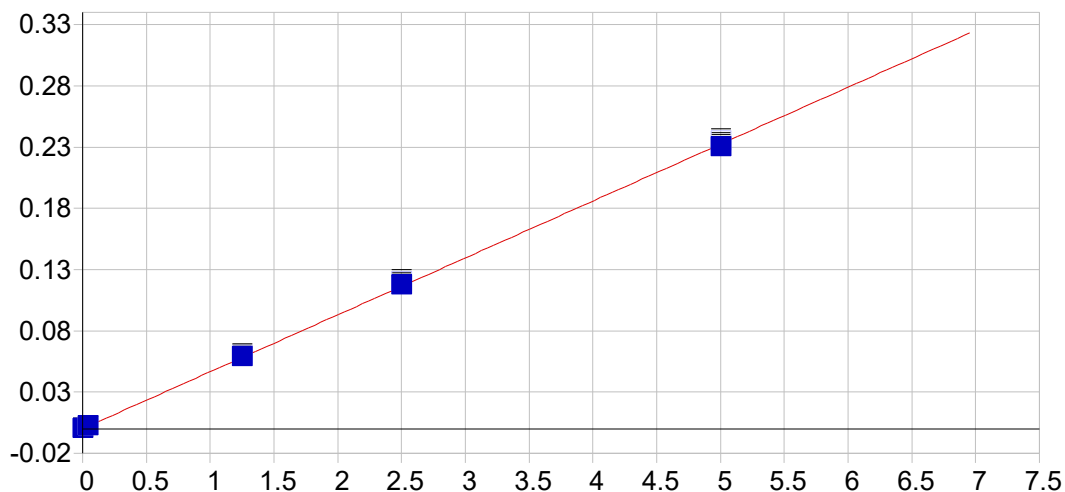
A0 (Offset): -0.000939 Re-Slope: 1.000000  
 A1 (Gain): 0.160252 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999997 Status: OK.  
 Std Error of Est: 0.000003  
 Predicted MDL: 0.000704  
 Predicted MQL: 0.002348

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00094 | .000    | 1        |
| S1        | .01000       | .01009      | .000       | .939    | .00068  | .000    | 1        |
| S3        | .62500       | .62161      | -.003      | -.543   | .09859  | .001    | 1        |
| S4        | 1.2500       | 1.2518      | .002       | .145    | .19949  | .002    | 1        |
| S5        | 2.5000       | 2.5015      | .001       | .059    | .39958  | .003    | 1        |





| Na 818.326 { 41}  |              |                     |            |              |        |            |          |
|-------------------|--------------|---------------------|------------|--------------|--------|------------|----------|
| Date of Fit:      |              | 03/19/2019 11:25:07 |            | Type of Fit: | Linear | Weighting: | 1/Conc   |
| A0 (Offset):      |              | 0.000491            |            | Re-Slope:    |        | 1.000000   |          |
| A1 (Gain):        |              | 0.006243            |            | Y-int:       |        | 0.000000   |          |
| A2 (Curvature):   |              | 0.000000            |            |              |        |            |          |
| n (Exponent):     |              | 1.000000            |            |              |        |            |          |
| Correlation:      |              | 0.999926            |            | Status:      | OK.    |            |          |
| Std Error of Est: |              | 0.000041            |            |              |        |            |          |
| Predicted MDL:    |              | 0.402918            |            |              |        |            |          |
| Predicted MQL:    |              | 1.343061            |            |              |        |            |          |
|                   |              |                     |            |              |        |            |          |
| Std. Name         | Stated Conc. | Found Conc.         | Difference | % Diff.      | (S)IR  | Std Dev    | Emphasis |
| S0                | .00000       | .00011              | .000       | .000         | .00049 | .002       | 1        |
| S2                | 2.0000       | 1.8608              | -.139      | -6.96        | .01211 | .001       | 1        |
| S3                | 12.500       | 12.669              | .169       | 1.35         | .07958 | .003       | 1        |
| S4                | 25.000       | 25.131              | .131       | .525         | .15739 | .002       | 1        |
| S5                | 50.000       | 49.839              | -.161      | -.321        | .31164 | .001       | 1        |

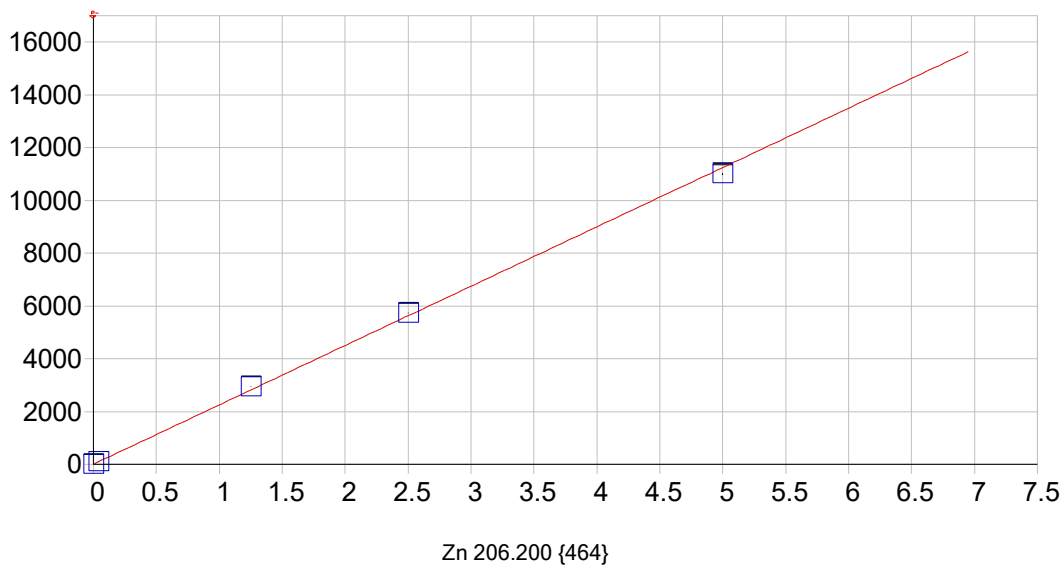


| V 292.402 {115} |                     |              |           |            |        |
|-----------------|---------------------|--------------|-----------|------------|--------|
| Date of Fit:    | 03/19/2019 11:25:07 | Type of Fit: | Linear    | Weighting: | 1/Conc |
| A0 (Offset):    | 0.000140            |              | Re-Slope: | 1.000000   |        |
| A1 (Gain):      | 0.046453            |              | Y-int:    | 0.000000   |        |

A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999899  
 Std Error of Est: 0.000016  
 Predicted MDL: 0.007986  
 Predicted MQL: 0.026620

Status: OK.

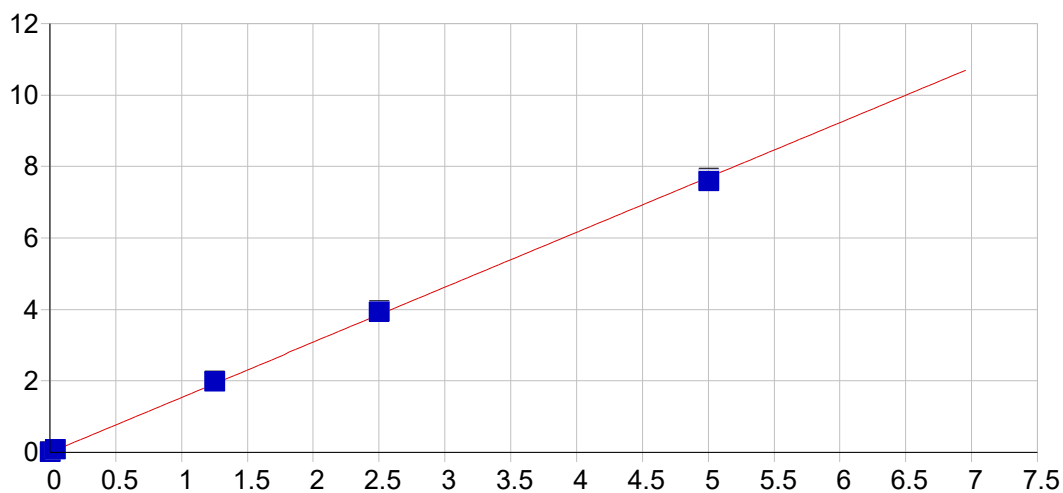
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00014 | .000    | 1        |
| S1        | .04000       | .04612      | .006       | 15.3    | .00238 | .000    | 1        |
| S3        | 1.2500       | 1.2637      | .014       | 1.10    | .06000 | .001    | 1        |
| S4        | 2.5000       | 2.5277      | .028       | 1.11    | .11987 | .002    | 1        |
| S5        | 5.0000       | 4.9523      | -.048      | -.955   | .23481 | .002    | 1        |



Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5.180388 Re-Slope: 1.000000  
 A1 (Gain): 2248.185763 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999636 Status: OK.  
 Std Error of Est: 1.468517  
 Predicted MDL: 0.000282  
 Predicted MQL: 0.000941

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | 5.1679 | .632    | 1        |
| S1        | .04000       | .04379      | .004       | 9.48    | 103.63 | .524    | 1        |
| S3        | 1.2500       | 1.3078      | .058       | 4.62    | 2945.3 | 4.61    | 1        |
| S4        | 2.5000       | 2.5486      | .049       | 1.95    | 5735.0 | 10.3    | 1        |
| S5        | 5.0000       | 4.8898      | -.110      | -2.20   | 10998. | 31.9    | 1        |

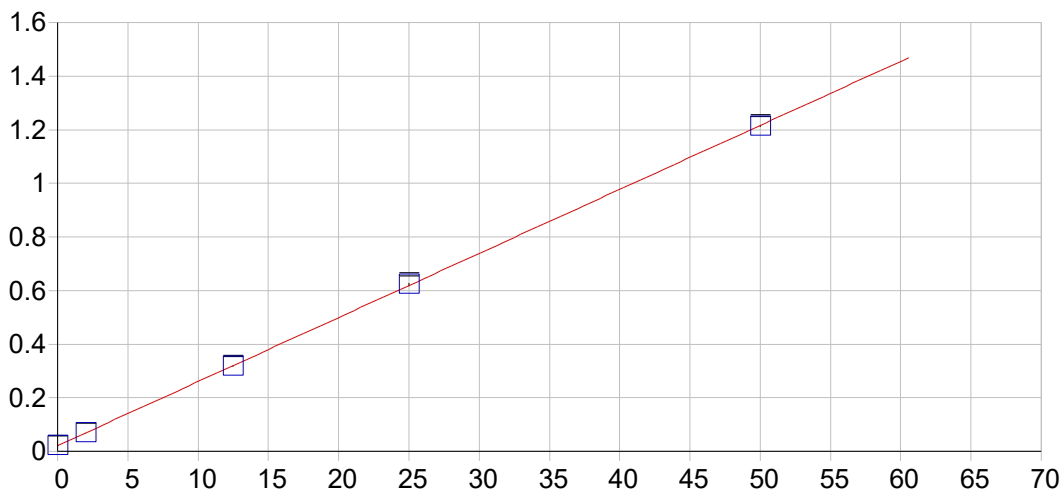


Zn 213.856 {158}

Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005581 Re-Slope: 1.000000  
 A1 (Gain): 1.537082 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999857 Status: OK.  
 Std Error of Est: 0.000632  
 Predicted MDL: 0.000435  
 Predicted MQL: 0.001450

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00558 | .000    | 1        |
| S1        | .04000       | .04152      | .002       | 3.80    | .06975 | .001    | 1        |
| S3        | 1.2500       | 1.2759      | .026       | 2.07    | 1.9776 | .008    | 1        |
| S4        | 2.5000       | 2.5462      | .046       | 1.85    | 3.9410 | .017    | 1        |
| S5        | 5.0000       | 4.9263      | -.074      | -1.47   | 7.6211 | .047    | 1        |



K 769.896 {44}

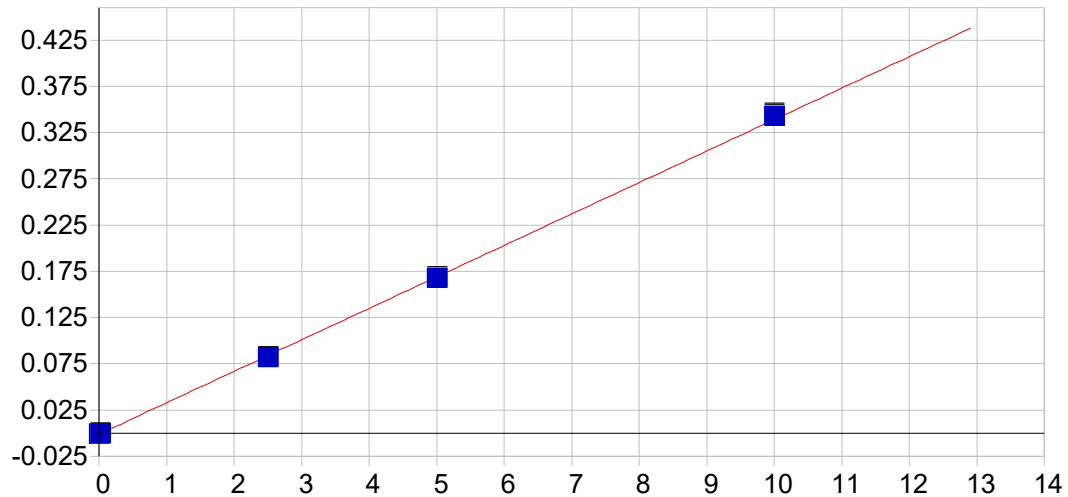
Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.021187 Re-Slope: 1.000000  
 A1 (Gain): 0.023898 Y-int: 0.000000

A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999991  
 Std Error of Est: 0.000056  
 Predicted MDL: 0.093990  
 Predicted MQL: 0.313300

Status: OK.

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .02119 | .001    | 1        |
| S2        | 2.0000       | 2.0066      | .007       | .329    | .06914 | .001    | 1        |
| S3        | 12.500       | 12.427      | -.073      | -.587   | .31816 | .003    | 1        |
| S4        | 25.000       | 25.161      | .161       | .645    | .62248 | .006    | 1        |
| S5        | 50.000       | 49.906      | -.094      | -.189   | 1.2138 | .003    | 1        |



P 177.495 {490}

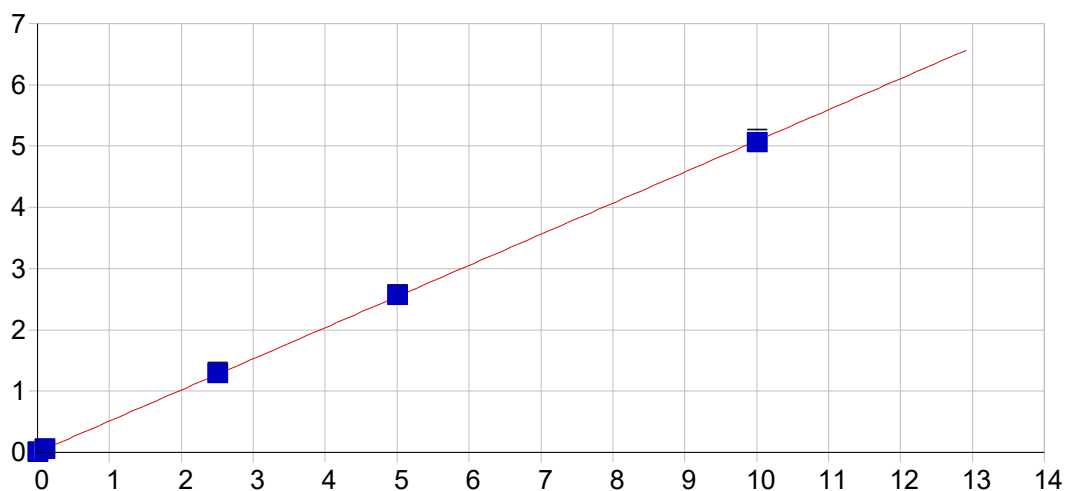
Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001168  
 A1 (Gain): 0.034012  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999913  
 Std Error of Est: 0.000011  
 Predicted MDL: 0.003126  
 Predicted MQL: 0.010421

Re-Slope: 1.000000  
 Y-int: 0.000000

Status: OK.

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00117 | .000    | 1        |
| S1        | .02000       | .01985      | -.000      | -.768   | -.00049 | .000    | 1        |
| S3        | 2.5000       | 2.4347      | -.065      | -2.61   | .08184  | .001    | 1        |
| S4        | 5.0000       | 4.9625      | -.037      | -.749   | .16801  | .001    | 1        |
| S5        | 10.000       | 10.103      | .103       | 1.03    | .34324  | .002    | 1        |

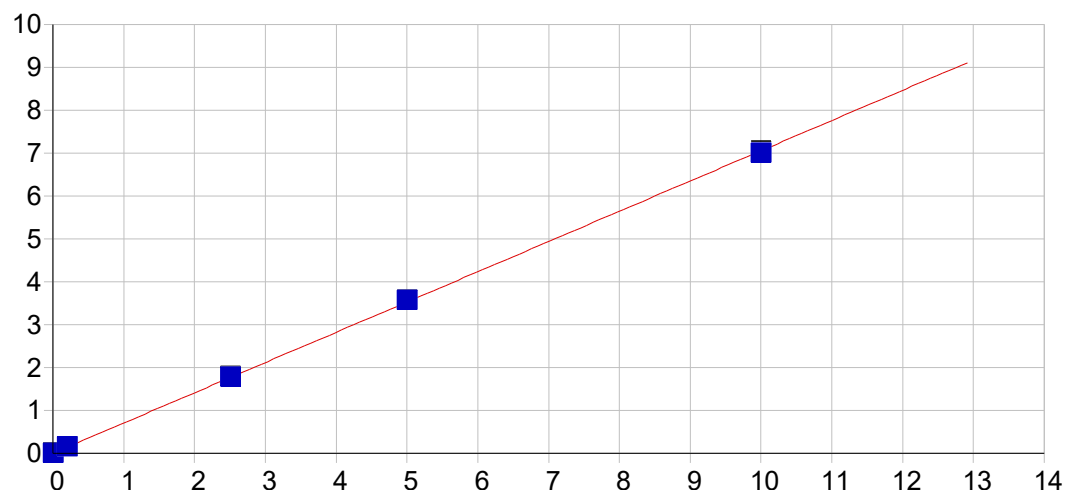


B 249.678 {135}

Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003232 Re-Slope: 1.000000  
 A1 (Gain): 0.508152 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999973 Status: OK.  
 Std Error of Est: 0.000202  
 Predicted MDL: 0.001281  
 Predicted MQL: 0.004270

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00323 | .001    | 1        |
| S1        | .10000       | .10258      | .003       | 2.58    | .05516 | .000    | 1        |
| S3        | 2.5000       | 2.5240      | .024       | .961    | 1.2829 | .016    | 1        |
| S4        | 5.0000       | 5.0361      | .036       | .722    | 2.5565 | .013    | 1        |
| S5        | 10.000       | 9.9373      | -.063      | -.627   | 5.0413 | .054    | 1        |



Mo 202.030 {467}

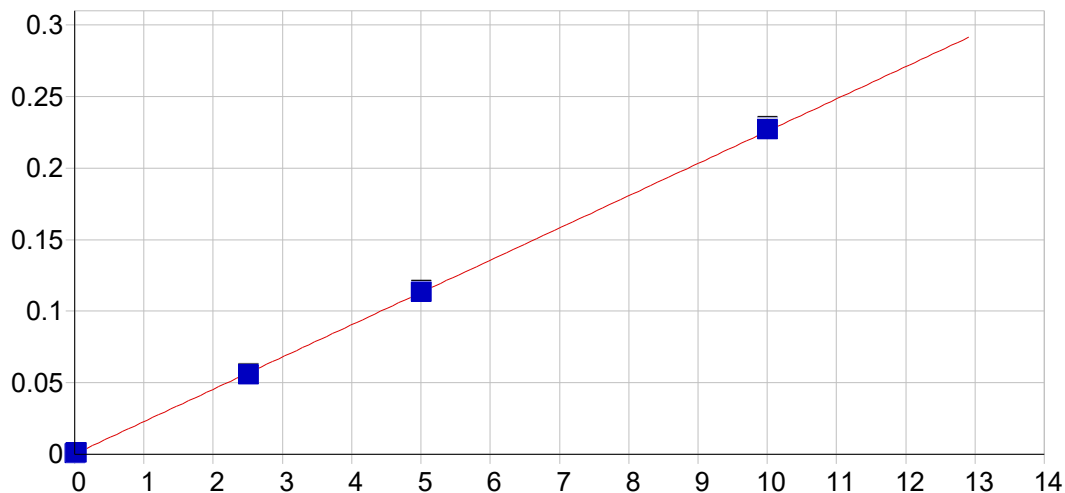
Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000460 Re-Slope: 1.000000  
 A1 (Gain): 0.705534 Y-int: 0.000000

A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999945  
 Std Error of Est: 0.000568  
 Predicted MDL: 0.000340  
 Predicted MQL: 0.001135

Status: OK.

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00045 | .000    | 1        |
| S1        | .20000       | .21058      | .011       | 5.29    | .14904 | .002    | 1        |
| S3        | 2.5000       | 2.5253      | .025       | 1.01    | 1.7825 | .005    | 1        |
| S4        | 5.0000       | 5.0470      | .047       | .940    | 3.5621 | .010    | 1        |
| S5        | 10.000       | 9.9171      | -.083      | -.829   | 6.9989 | .048    | 1        |



S 182.034 {485}

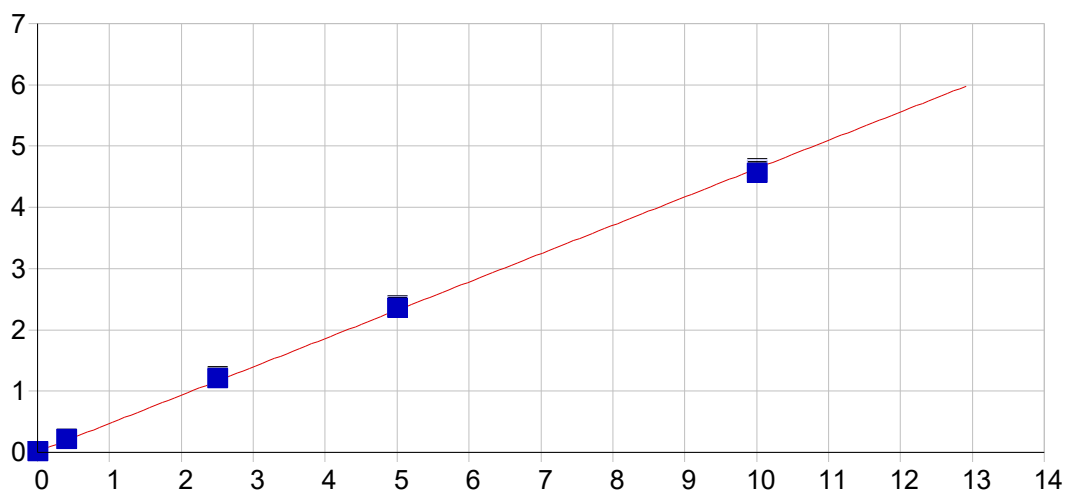
Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000335  
 A1 (Gain): 0.022550  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999963  
 Std Error of Est: 0.000005  
 Predicted MDL: 0.005159  
 Predicted MQL: 0.017196

Re-Slope: 1.000000  
 Y-int: 0.000000

Status: OK.

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00033 | .000    | 1        |
| S1        | .02000       | .02068      | .001       | 3.38    | .00079 | .000    | 1        |
| S3        | 2.5000       | 2.4490      | -.051      | -2.04   | .05583 | .000    | 1        |
| S4        | 5.0000       | 5.0011      | .001       | .022    | .11364 | .001    | 1        |
| S5        | 10.000       | 10.049      | .049       | .493    | .22801 | .001    | 1        |

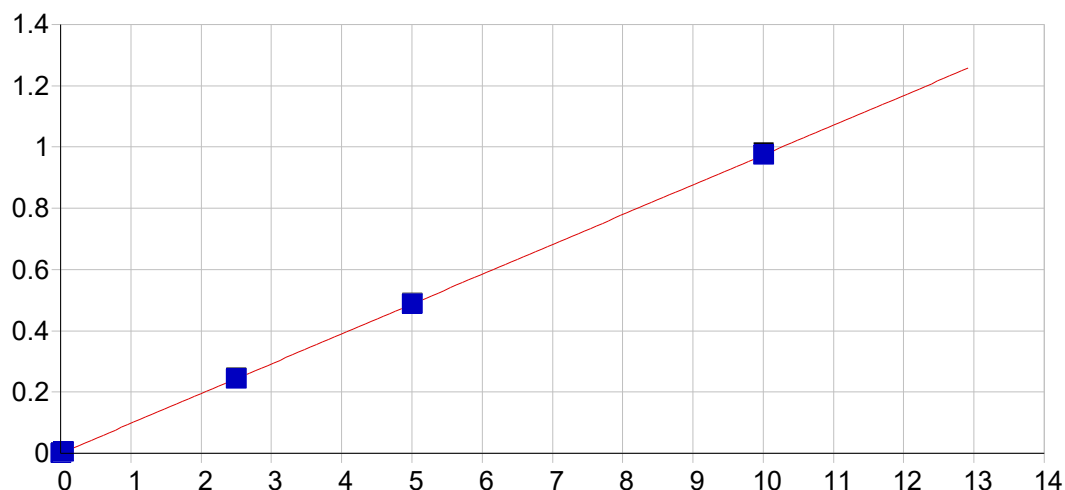


Si 251.611 {134}

Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009614 Re-Slope: 1.000000  
 A1 (Gain): 0.462200 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999784 Status: OK.  
 Std Error of Est: 0.001061  
 Predicted MDL: 0.001438  
 Predicted MQL: 0.004793

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | .00960 | .000    | 1        |
| S1        | .40000       | .42150      | .021       | 5.37    | .20532 | .001    | 1        |
| S3        | 2.5000       | 2.5811      | .081       | 3.24    | 1.2162 | .017    | 1        |
| S4        | 5.0000       | 5.0727      | .073       | 1.45    | 2.3814 | .016    | 1        |
| S5        | 10.000       | 9.8249      | -.175      | -1.75   | 4.6051 | .027    | 1        |



Sn 189.989 {478}

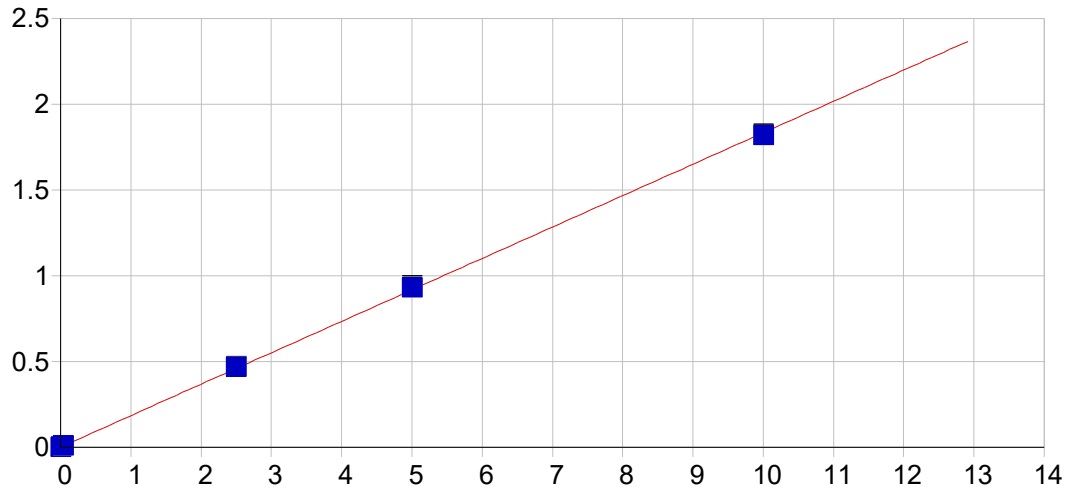
Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000280 Re-Slope: 1.000000  
 A1 (Gain): 0.097340 Y-int: 0.000000

A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999999  
 Std Error of Est: 0.000005  
 Predicted MDL: 0.001188  
 Predicted MQL: 0.003961

Status: OK.

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00028 | .000    | 1        |
| S1        | .04000       | .04044      | .000       | 1.09    | .00422 | .000    | 1        |
| S3        | 2.5000       | 2.4915      | -.009      | -.341   | .24261 | .001    | 1        |
| S4        | 5.0000       | 5.0020      | .002       | .041    | .48680 | .002    | 1        |
| S5        | 10.000       | 10.006      | .006       | .061    | .97351 | .005    | 1        |



Ti 336.121 {100}

Date of Fit: 03/19/2019 11:25:07

Type of Fit: Linear

Weighting: 1/Conc

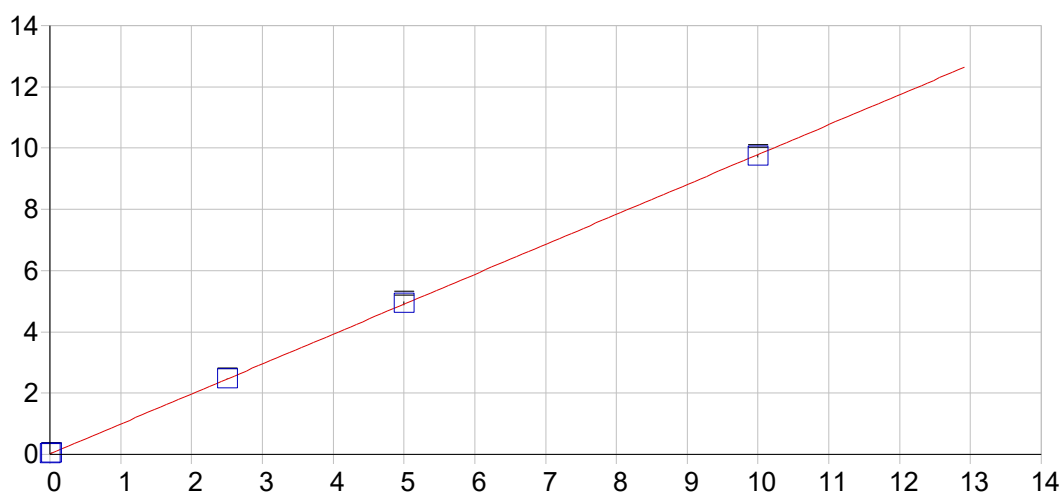
A0 (Offset): 0.001612  
 A1 (Gain): 0.183213  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999942  
 Std Error of Est: 0.000067  
 Predicted MDL: 0.003023  
 Predicted MQL: 0.010077

Re-Slope: 1.000000  
 Y-int: 0.000000

Status: OK.

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00161 | .000    | 1        |
| S1        | .04000       | .03971      | -.000      | -.737   | .00888 | .000    | 1        |
| S3        | 2.5000       | 2.5351      | .035       | 1.40    | .46591 | .003    | 1        |
| S4        | 5.0000       | 5.0581      | .058       | 1.16    | .92802 | .012    | 1        |
| S5        | 10.000       | 9.9071      | -.093      | -.929   | 1.8161 | .008    | 1        |



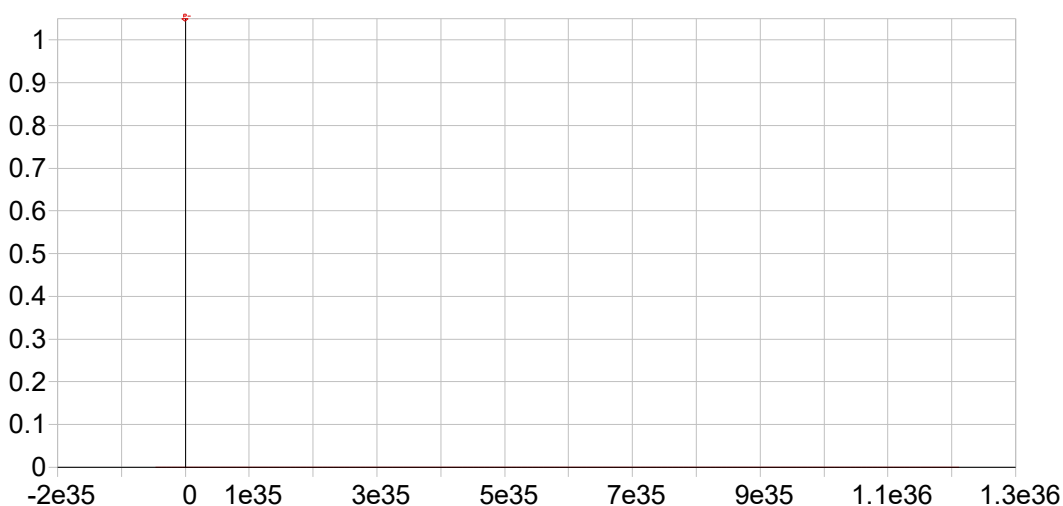


Li 670.784 { 50}

Date of Fit: 03/19/2019 11:25:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015831 Re-Slope: 1.000000  
 A1 (Gain): 0.977295 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999983 Status: OK.  
 Std Error of Est: 0.000137  
 Predicted MDL: 0.002569  
 Predicted MQL: 0.008563

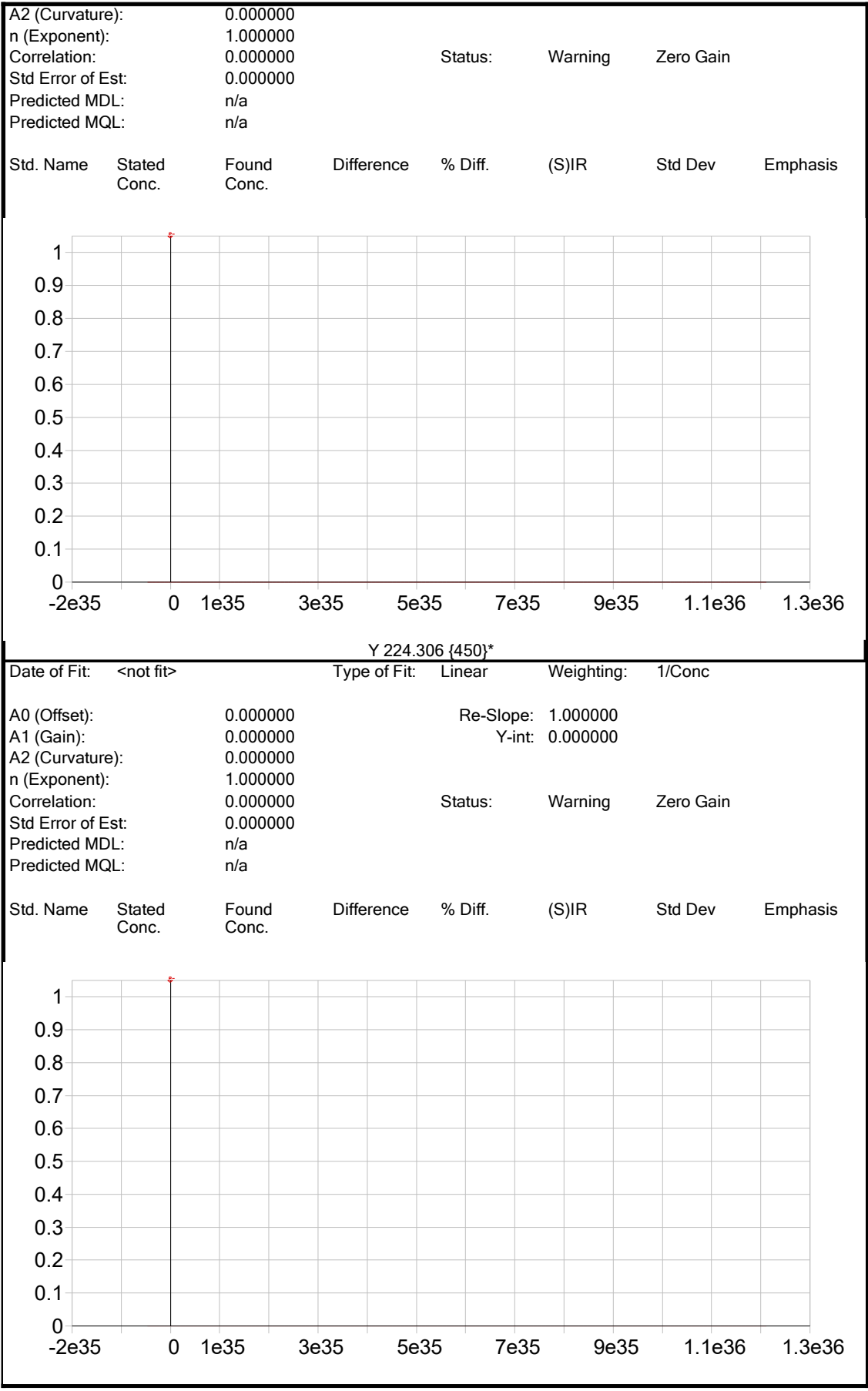
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .01583 | .003    | 1        |
| S5        | 10.000       | 9.9518      | -.048      | -.482   | 9.7417 | .039    | 1        |
| S4        | 5.0000       | 5.0343      | .034       | .686    | 4.9358 | .063    | 1        |
| S3        | 2.5000       | 2.5148      | .015       | .591    | 2.4735 | .004    | 1        |
| S1        | .02000       | .01911      | -.001      | -4.43   | .03451 | .002    | 1        |

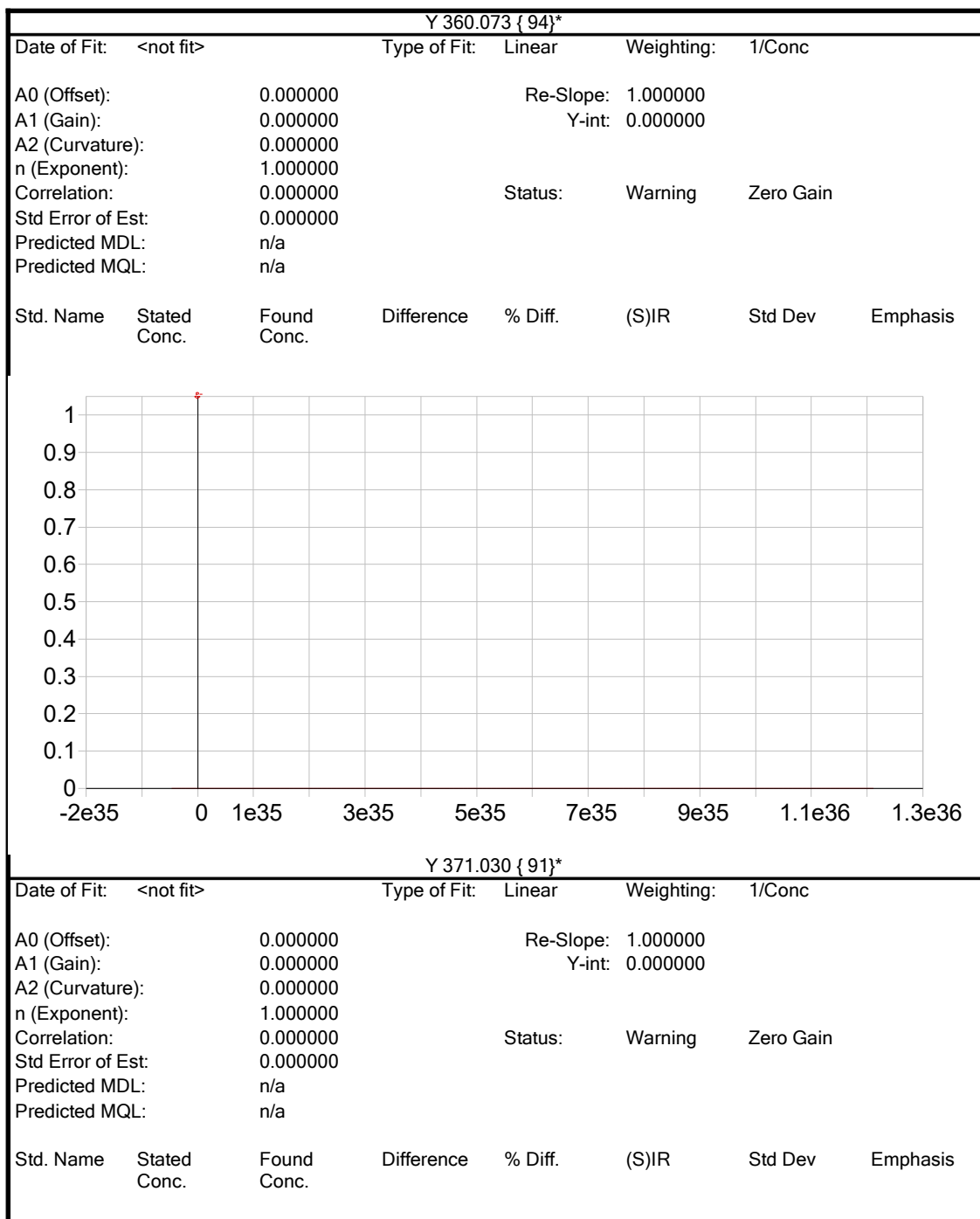


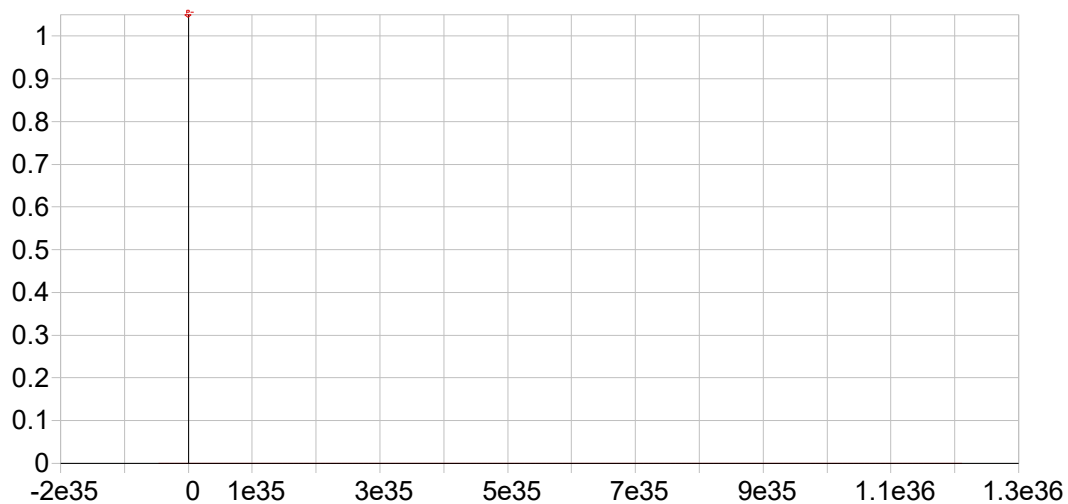
Y 224.306 {150}\*

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







In 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

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

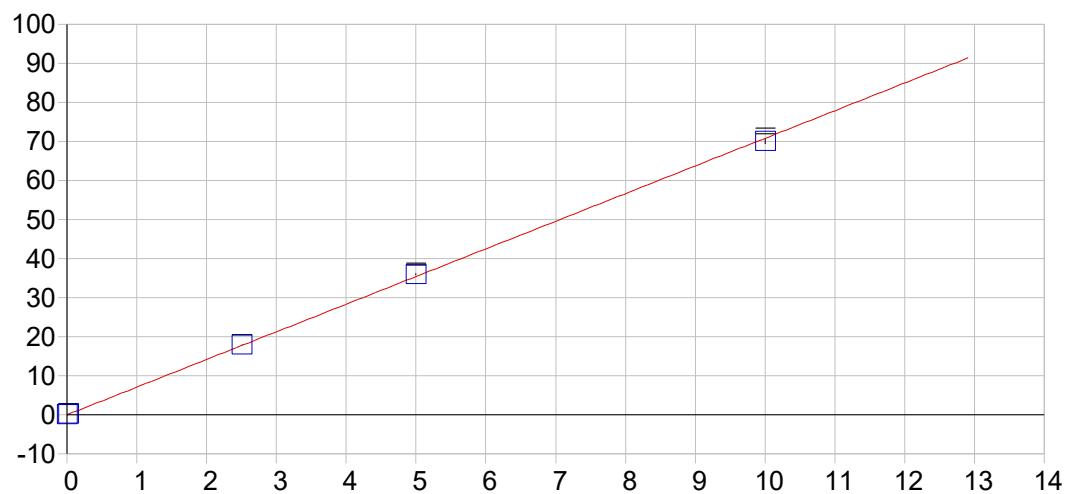
Status: Warning Zero Gain

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 |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



Sr 407.771 {83}

Date of Fit: 03/19/2019 11:25:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000835

Re-Slope: 1.000000

A1 (Gain): 7.080636

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999923

Status: OK.

Std Error of Est: 0.002119

Predicted MDL: 0.000147

| Predicted MQL: |              | 0.000490    |            |         |         |         |          |
|----------------|--------------|-------------|------------|---------|---------|---------|----------|
| Std. Name      | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
| S0             | .00000       | -.00000     | -.000      | .000    | -.00085 | .000    | 1        |
| S1             | .02000       | .02118      | .001       | 5.88    | .14910  | .001    | 1        |
| S3             | 2.5000       | 2.5268      | .027       | 1.07    | 17.890  | .054    | 1        |
| S4             | 5.0000       | 5.0779      | .078       | 1.56    | 35.954  | .219    | 1        |
| S5             | 10.000       | 9.8942      | -.106      | -1.06   | 70.056  | .718    | 1        |

Sample Name: S0      Acquired: 03/19/2019 11:02:46      Type: Cal  
Method: NON EPA-6010-200.7(v84)      Mode: IR      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                |                |                |               |               |               |               |                |
|--------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|
| Elem   | As1890         | Tl1908         | Pb2203         | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348         |
| Units  | Cts/S          | Cts/S          | Cts/S          | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S          |
| Avg    | <b>-.00023</b> | <b>-.00048</b> | <b>-.00040</b> | <b>.00026</b> | <b>.00058</b> | <b>.00410</b> | <b>.03456</b> | <b>-.00272</b> |
| Stddev | .00001         | .00015         | .00017         | .00004        | .00011        | .00082        | .00177        | .00063         |
| %RSD   | 4.3395         | 31.213         | 42.204         | 16.688        | 19.621        | 19.896        | 5.1299        | 23.191         |

|    |                |                |                |               |               |               |               |                |
|----|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|
| #1 | <b>-.00022</b> | <b>-.00064</b> | <b>-.00046</b> | <b>.00022</b> | <b>.00069</b> | <b>.00491</b> | <b>.03660</b> | <b>-.00230</b> |
| #2 | <b>-.00024</b> | <b>-.00034</b> | <b>-.00021</b> | <b>.00025</b> | <b>.00046</b> | <b>.00412</b> | <b>.03342</b> | <b>-.00345</b> |
| #3 | <b>-.00023</b> | <b>-.00047</b> | <b>-.00053</b> | <b>.00031</b> | <b>.00057</b> | <b>.00328</b> | <b>.03365</b> | <b>-.00243</b> |

|        |               |               |               |               |               |               |               |                |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| 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    | <b>.00033</b> | <b>.00176</b> | <b>.00003</b> | <b>.00030</b> | <b>.00089</b> | <b>.00030</b> | <b>.00003</b> | <b>-.00028</b> |
| Stddev | .00007        | .00050        | .00006        | .00011        | .00039        | .00017        | .00017        | .00008         |
| %RSD   | 21.614        | 28.286        | 180.44        | 38.294        | 43.261        | 58.081        | 591.37        | 29.677         |

|    |               |               |                |               |               |               |                |                |
|----|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|
| #1 | <b>.00040</b> | <b>.00217</b> | <b>.00002</b>  | <b>.00017</b> | <b>.00068</b> | <b>.00037</b> | <b>-.00014</b> | <b>-.00018</b> |
| #2 | <b>.00027</b> | <b>.00121</b> | <b>.00010</b>  | <b>.00039</b> | <b>.00134</b> | <b>.00010</b> | <b>.00019</b>  | <b>-.00032</b> |
| #3 | <b>.00031</b> | <b>.00189</b> | <b>-.00002</b> | <b>.00034</b> | <b>.00066</b> | <b>.00043</b> | <b>.00003</b>  | <b>-.00034</b> |

|        |                |                |               |               |               |               |                |               |
|--------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|
| 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    | <b>-.00142</b> | <b>-.00094</b> | <b>.00049</b> | <b>.00014</b> | <b>.00558</b> | <b>.02119</b> | <b>-.00117</b> | <b>.00323</b> |
| Stddev | .00014         | .00005         | .00169        | .00014        | .00044        | .00122        | .00009         | .00070        |
| %RSD   | 9.7254         | 4.9431         | 344.02        | 100.36        | 7.9277        | 5.7430        | 7.5640         | 21.685        |

|    |                |                |                |               |               |               |                |               |
|----|----------------|----------------|----------------|---------------|---------------|---------------|----------------|---------------|
| #1 | <b>-.00137</b> | <b>-.00097</b> | <b>.00180</b>  | <b>.00013</b> | <b>.00599</b> | <b>.02028</b> | <b>-.00107</b> | <b>.00341</b> |
| #2 | <b>-.00131</b> | <b>-.00089</b> | <b>-.00142</b> | <b>.00029</b> | <b>.00511</b> | <b>.02257</b> | <b>-.00119</b> | <b>.00382</b> |
| #3 | <b>-.00158</b> | <b>-.00097</b> | <b>.00109</b>  | <b>.00001</b> | <b>.00564</b> | <b>.02071</b> | <b>-.00124</b> | <b>.00246</b> |

|        |               |               |               |               |               |               |                |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|--|
| 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    | <b>.00045</b> | <b>.00033</b> | <b>.00960</b> | <b>.00028</b> | <b>.00161</b> | <b>.01583</b> | <b>-.00085</b> |  |
| Stddev | .00019        | .00001        | .00023        | .00014        | .00014        | .00303        | .00022         |  |
| %RSD   | 42.072        | 3.9142        | 2.4443        | 48.300        | 8.9707        | 19.134        | 26.530         |  |

|    |               |               |               |               |               |               |                |  |
|----|---------------|---------------|---------------|---------------|---------------|---------------|----------------|--|
| #1 | <b>.00049</b> | <b>.00035</b> | <b>.00951</b> | <b>.00038</b> | <b>.00156</b> | <b>.01315</b> | <b>-.00086</b> |  |
| #2 | <b>.00062</b> | <b>.00033</b> | <b>.00942</b> | <b>.00034</b> | <b>.00178</b> | <b>.01912</b> | <b>-.00106</b> |  |
| #3 | <b>.00025</b> | <b>.00033</b> | <b>.00987</b> | <b>.00013</b> | <b>.00150</b> | <b>.01523</b> | <b>-.00061</b> |  |

Sample Name: S0      Acquired: 03/19/2019 11:02:46      Type: Cal  
Method: NON EPA-6010-200.7(v84)      Mode: IR      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2478.1 | 2711.8 | 53008. | 4686.3 | 3969.7 |
| Stddev    | 40.2   | 7.9    | 596.   | 42.3   | 13.2   |
| %RSD      | 1.6238 | .29253 | 1.1241 | .90263 | .33327 |
| #1        | 2466.8 | 2718.8 | 52652. | 4733.4 | 3977.8 |
| #2        | 2522.8 | 2713.3 | 53696. | 4651.4 | 3976.9 |
| #3        | 2444.8 | 2703.2 | 52676. | 4674.2 | 3954.4 |

Sample Name: S1      Acquired: 03/19/2019 11:06:39      Type: Cal  
Method: NON EPA-6010-200.7(v84)      Mode: IR      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .00015 | .00180 | .00116 | .00189 | .00826 | .01075 | .34500 | .05418 |
| Stddev | .00005 | .00008 | .00003 | .00023 | .00012 | .00054 | .00199 | .00054 |
| %RSD   | 34.663 | 4.4786 | 2.4479 | 12.112 | 1.4978 | 5.0462 | .57821 | .99732 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00016 | .00172 | .00113 | .00200 | .00812 | .01013 | .34318 | .05474 |
| #2 | .00020 | .00178 | .00119 | .00203 | .00832 | .01114 | .34713 | .05415 |
| #3 | .00009 | .00188 | .00115 | .00162 | .00834 | .01097 | .34469 | .05366 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Ni2316 | Ag3280 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .01561 | .00139 | .01690 | .00312 | .00128 | .00238 | .02075 | .00068 |
| Stddev | .00020 | .00007 | .00014 | .00004 | .00013 | .00003 | .00020 | .00006 |
| %RSD   | 1.2711 | 4.8509 | .84461 | 1.4293 | 10.298 | 1.1490 | .97526 | 8.6384 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01564 | .00143 | .01682 | .00312 | .00143 | .00239 | .02071 | .00061 |
| #2 | .01540 | .00144 | .01707 | .00308 | .00118 | .00239 | .02057 | .00073 |
| #3 | .01579 | .00132 | .01682 | .00317 | .00124 | .00235 | .02097 | .00068 |

|        |        |        |         |        |        |        |        |        |
|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| Elem   | V_2924 | Zn2138 | P_1774  | B_2496 | Mo2020 | S_1820 | Si2516 | Sn1899 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .00238 | .06975 | -.00049 | .05516 | .14904 | .00079 | .20532 | .00422 |
| Stddev | .00033 | .00078 | .00007  | .00025 | .00163 | .00010 | .00122 | .00014 |
| %RSD   | 13.686 | 1.1172 | 13.477  | .45827 | 1.0943 | 12.982 | .59214 | 3.3913 |

|    |        |        |         |        |        |        |        |        |
|----|--------|--------|---------|--------|--------|--------|--------|--------|
| #1 | .00209 | .07054 | -.00041 | .05493 | .14799 | .00091 | .20398 | .00406 |
| #2 | .00273 | .06973 | -.00051 | .05514 | .14822 | .00073 | .20635 | .00425 |
| #3 | .00230 | .06898 | -.00054 | .05543 | .15092 | .00073 | .20563 | .00434 |

|        |        |        |        |
|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .00888 | .03451 | .14910 |
| Stddev | .00006 | .00165 | .00109 |
| %RSD   | .64331 | 4.7927 | .73218 |

|    |        |        |        |
|----|--------|--------|--------|
| #1 | .00883 | .03261 | .14797 |
| #2 | .00888 | .03560 | .15015 |
| #3 | .00894 | .03533 | .14919 |



Sample Name: S1      Acquired: 03/19/2019 11:06:39      Type: Cal  
Method: NON EPA-6010-200.7(v84)      Mode: IR      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2469.9 | 2739.2 | 53112. | 4728.5 | 4030.8 |
| Stddev    | 39.3   | 12.6   | 550.   | 31.6   | 19.0   |
| %RSD      | 1.5929 | .46074 | 1.0359 | .66738 | .47138 |
| #1        | 2434.5 | 2750.1 | 52576. | 4705.2 | 4051.1 |
| #2        | 2463.0 | 2742.3 | 53085. | 4715.9 | 4027.7 |
| #3        | 2512.3 | 2725.4 | 53675. | 4764.4 | 4013.5 |

Sample Name: S2      Acquired: 03/19/2019 11:10:32      Type: Cal  
Method: NON EPA-6010-200.7(v84)      Mode: IR      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|
| Elem   | Ca3736        | Mg2790        | Na8183        | K_7698        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.05460</b> | <b>.00771</b> | <b>.01211</b> | <b>.06914</b> |
| Stddev | .00106        | .00047        | .00082        | .00124        |
| %RSD   | 1.9473        | 6.0827        | 6.7658        | 1.7949        |

|    |               |               |               |               |
|----|---------------|---------------|---------------|---------------|
| #1 | <b>.05529</b> | <b>.00805</b> | <b>.01127</b> | <b>.06863</b> |
| #2 | <b>.05337</b> | <b>.00791</b> | <b>.01291</b> | <b>.07055</b> |
| #3 | <b>.05513</b> | <b>.00717</b> | <b>.01215</b> | <b>.06823</b> |

|           |               |
|-----------|---------------|
| Int. Std. | Y_3710        |
| Units     | Cts/S         |
| Avg       | <b>4698.1</b> |
| Stddev    | 20.2          |
| %RSD      | .43009        |

|    |               |
|----|---------------|
| #1 | <b>4695.2</b> |
| #2 | <b>4719.6</b> |
| #3 | <b>4679.5</b> |

Sample Name: S3      Acquired: 03/19/2019 11:14:19      Type: Cal  
Method: NON EPA-6010-200.7(v84)      Mode: IR      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.03957</b> | <b>.15186</b> | <b>.32863</b> | <b>.16909</b> | <b>.37970</b> | <b>.31378</b> | <b>14.763</b> | <b>1.1300</b> |
| Stddev | .00020        | .00070        | .00133        | .00059        | .00146        | .00218        | .013          | .0142         |
| %RSD   | .51489        | .46284        | .40385        | .35187        | .38407        | .69341        | .09053        | 1.2531        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.03952</b> | <b>.15126</b> | <b>.32818</b> | <b>.16846</b> | <b>.37900</b> | <b>.31250</b> | <b>14.758</b> | <b>1.1209</b> |
| #2 | <b>.03940</b> | <b>.15168</b> | <b>.32758</b> | <b>.16915</b> | <b>.37873</b> | <b>.31256</b> | <b>14.752</b> | <b>1.1227</b> |
| #3 | <b>.03979</b> | <b>.15263</b> | <b>.33012</b> | <b>.16965</b> | <b>.38138</b> | <b>.31630</b> | <b>14.778</b> | <b>1.1463</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>3.0068</b> | <b>.32005</b> | <b>.06870</b> | <b>.68715</b> | <b>.06449</b> | <b>.02286</b> | <b>.13380</b> | <b>.04782</b> |
| Stddev | .0149         | .00409        | .00050        | .00211        | .00063        | .00030        | .00218        | .00108        |
| %RSD   | .49448        | 1.2793        | .72709        | .30659        | .97510        | 1.3229        | 1.6322        | 2.2507        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>2.9984</b> | <b>.31533</b> | <b>.06813</b> | <b>.68662</b> | <b>.06400</b> | <b>.02253</b> | <b>.13128</b> | <b>.04660</b> |
| #2 | <b>2.9981</b> | <b>.32221</b> | <b>.06905</b> | <b>.68535</b> | <b>.06519</b> | <b>.02293</b> | <b>.13502</b> | <b>.04861</b> |
| #3 | <b>3.0240</b> | <b>.32261</b> | <b>.06891</b> | <b>.68947</b> | <b>.06427</b> | <b>.02312</b> | <b>.13511</b> | <b>.04826</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>.66620</b> | <b>.09859</b> | <b>.07958</b> | <b>.06000</b> | <b>1.9776</b> | <b>.31816</b> | <b>.08184</b> | <b>1.2829</b> |
| Stddev | .00199        | .00074        | .00304        | .00090        | .0083         | .00280        | .00072        | .0161         |
| %RSD   | .29851        | .75247        | 3.8230        | 1.5064        | .42199        | .88014        | .88050        | 1.2547        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.66618</b> | <b>.09795</b> | <b>.08108</b> | <b>.05899</b> | <b>1.9825</b> | <b>.32127</b> | <b>.08200</b> | <b>1.2689</b> |
| #2 | <b>.66422</b> | <b>.09940</b> | <b>.07608</b> | <b>.06027</b> | <b>1.9824</b> | <b>.31585</b> | <b>.08105</b> | <b>1.2793</b> |
| #3 | <b>.66820</b> | <b>.09841</b> | <b>.08158</b> | <b>.06074</b> | <b>1.9680</b> | <b>.31735</b> | <b>.08247</b> | <b>1.3005</b> |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| 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    | <b>1.7825</b> | <b>.05583</b> | <b>1.2162</b> | <b>.24261</b> | <b>.46591</b> | <b>2.4735</b> | <b>17.890</b> |  |
| Stddev | .0049         | .00034        | .0167         | .00114        | .00336        | .0043         | .054          |  |
| %RSD   | .27187        | .61272        | 1.3715        | .47106        | .72223        | .17338        | .29912        |  |

|    |               |               |               |               |               |               |               |  |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| #1 | <b>1.7786</b> | <b>.05558</b> | <b>1.2022</b> | <b>.24307</b> | <b>.46207</b> | <b>2.4704</b> | <b>17.949</b> |  |
| #2 | <b>1.7811</b> | <b>.05569</b> | <b>1.2117</b> | <b>.24131</b> | <b>.46835</b> | <b>2.4717</b> | <b>17.845</b> |  |
| #3 | <b>1.7879</b> | <b>.05622</b> | <b>1.2347</b> | <b>.24345</b> | <b>.46732</b> | <b>2.4784</b> | <b>17.876</b> |  |

Sample Name: S3      Acquired: 03/19/2019 11:14:19      Type: Cal  
Method: NON EPA-6010-200.7(v84)      Mode: IR      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2506.0 | 2712.7 | 54032. | 4735.3 | 3997.4 |
| Stddev    | 33.5   | 17.9   | 505.   | 25.6   | 27.9   |
| %RSD      | 1.3350 | .65863 | .93448 | .54124 | .69828 |
| #1        | 2475.2 | 2720.9 | 53599. | 4718.9 | 4007.2 |
| #2        | 2501.3 | 2724.9 | 53911. | 4764.9 | 4019.1 |
| #3        | 2541.6 | 2692.2 | 54587. | 4722.2 | 3965.9 |

Sample Name: S4      Acquired: 03/19/2019 11:17:56      Type: Cal  
Method: NON EPA-6010-200.7(v84)      Mode: IR      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.07946</b> | <b>.30752</b> | <b>.66398</b> | <b>.33556</b> | <b>.75637</b> | <b>.61811</b> | <b>29.687</b> | <b>2.2350</b> |
| Stddev | .00034        | .00136        | .00319        | .00170        | .00338        | .01105        | .346          | .0050         |
| %RSD   | .42277        | .44113        | .48040        | .50756        | .44714        | 1.7874        | 1.1642        | .22439        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.07926</b> | <b>.30606</b> | <b>.66129</b> | <b>.33540</b> | <b>.75448</b> | <b>.61237</b> | <b>29.515</b> | <b>2.2325</b> |
| #2 | <b>.07928</b> | <b>.30777</b> | <b>.66315</b> | <b>.33393</b> | <b>.75436</b> | <b>.61111</b> | <b>29.462</b> | <b>2.2317</b> |
| #3 | <b>.07985</b> | <b>.30874</b> | <b>.66750</b> | <b>.33733</b> | <b>.76027</b> | <b>.63084</b> | <b>30.085</b> | <b>2.2408</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>5.9914</b> | <b>.63603</b> | <b>.13578</b> | <b>1.3785</b> | <b>.12834</b> | <b>.04487</b> | <b>.26594</b> | <b>.09434</b> |
| Stddev | .0261         | .00757        | .00094        | .0057         | .00267        | .00045        | .00518        | .00173        |
| %RSD   | .43553        | 1.1902        | .68893        | .41058        | 2.0769        | 1.0120        | 1.9491        | 1.8291        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>5.9788</b> | <b>.63050</b> | <b>.13472</b> | <b>1.3744</b> | <b>.12735</b> | <b>.04455</b> | <b>.26222</b> | <b>.09301</b> |
| #2 | <b>5.9740</b> | <b>.63293</b> | <b>.13649</b> | <b>1.3761</b> | <b>.12631</b> | <b>.04466</b> | <b>.26373</b> | <b>.09371</b> |
| #3 | <b>6.0214</b> | <b>.64466</b> | <b>.13614</b> | <b>1.3849</b> | <b>.13135</b> | <b>.04539</b> | <b>.27186</b> | <b>.09629</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>1.3344</b> | <b>.19949</b> | <b>.15739</b> | <b>.11987</b> | <b>3.9410</b> | <b>.62248</b> | <b>.16801</b> | <b>2.5565</b> |
| Stddev | .0058         | .00164        | .00152        | .00192        | .0170         | .00583        | .00090        | .0126         |
| %RSD   | .43165        | .82454        | .96281        | 1.6002        | .43044        | .93714        | .53668        | .49422        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>1.3313</b> | <b>.19760</b> | <b>.15904</b> | <b>.11822</b> | <b>3.9533</b> | <b>.61827</b> | <b>.16698</b> | <b>2.5489</b> |
| #2 | <b>1.3308</b> | <b>.20026</b> | <b>.15606</b> | <b>.11942</b> | <b>3.9217</b> | <b>.62004</b> | <b>.16842</b> | <b>2.5496</b> |
| #3 | <b>1.3410</b> | <b>.20061</b> | <b>.15706</b> | <b>.12198</b> | <b>3.9481</b> | <b>.62914</b> | <b>.16863</b> | <b>2.5711</b> |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>3.5621</b> | <b>.11364</b> | <b>2.3814</b> | <b>.48680</b> | <b>.92802</b> | <b>4.9358</b> | <b>35.954</b> |
| Stddev | .0101         | .00078        | .0161         | .00237        | .01212        | .0630         | .219          |
| %RSD   | .28376        | .69042        | .67593        | .48594        | 1.3055        | 1.2774        | .61020        |

|    |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>3.5578</b> | <b>.11291</b> | <b>2.3676</b> | <b>.48488</b> | <b>.92280</b> | <b>4.9055</b> | <b>35.900</b> |
| #2 | <b>3.5548</b> | <b>.11355</b> | <b>2.3776</b> | <b>.48608</b> | <b>.91939</b> | <b>4.8937</b> | <b>35.767</b> |
| #3 | <b>3.5736</b> | <b>.11447</b> | <b>2.3991</b> | <b>.48944</b> | <b>.94187</b> | <b>5.0083</b> | <b>36.195</b> |

Sample Name: S4      Acquired: 03/19/2019 11:17:56      Type: Cal  
Method: NON EPA-6010-200.7(v84)      Mode: IR      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2447.4 | 2671.0 | 53272. | 4701.3 | 3910.3 |
| Stddev    | 13.5   | 10.7   | 158.   | 16.5   | 16.7   |
| %RSD      | .55284 | .39882 | .29685 | .35032 | .42703 |
| #1        | 2437.2 | 2669.8 | 53454. | 4690.6 | 3913.0 |
| #2        | 2462.7 | 2682.3 | 53178. | 4720.3 | 3925.5 |
| #3        | 2442.3 | 2661.1 | 53184. | 4693.1 | 3892.4 |

Sample Name: S5      Acquired: 03/19/2019 11:21:30      Type: Cal  
Method: NON EPA-6010-200.7(v84)      Mode: IR      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.15705</b> | <b>.61254</b> | <b>1.3216</b> | <b>.65066</b> | <b>1.4890</b> | <b>1.2153</b> | <b>58.716</b> | <b>4.3388</b> |
| Stddev | .00104        | .00385        | .0088         | .00382        | .0093         | .0035         | .266          | .0483         |
| %RSD   | .66010        | .62774        | .66724        | .58707        | .62610        | .28895        | .45240        | 1.1143        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .15701 | .61058 | 1.3166 | .64835 | 1.4851 | 1.2179 | 58.659 | 4.3843 |
| #2 | .15604 | .61007 | 1.3164 | .64857 | 1.4822 | 1.2166 | 59.006 | 4.3441 |
| #3 | .15811 | .61697 | 1.3318 | .65507 | 1.4996 | 1.2113 | 58.484 | 4.2881 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>11.782</b> | <b>1.2347</b> | <b>.26536</b> | <b>2.7448</b> | <b>.25025</b> | <b>.08650</b> | <b>.51375</b> | <b>.18443</b> |
| Stddev | .082          | .0067         | .00093        | .0189         | .00144        | .00028        | .00045        | .00034        |
| %RSD   | .69927        | .54434        | .35035        | .68921        | .57398        | .32812        | .08673        | .18641        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 11.723 | 1.2416 | .26640 | 2.7346 | .24971 | .08619 | .51424 | .18404 |
| #2 | 11.746 | 1.2341 | .26509 | 2.7332 | .25188 | .08673 | .51366 | .18461 |
| #3 | 11.876 | 1.2282 | .26460 | 2.7666 | .24917 | .08659 | .51336 | .18465 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>2.6499</b> | <b>.39958</b> | <b>.31164</b> | <b>.23481</b> | <b>7.6211</b> | <b>1.2138</b> | <b>.34324</b> | <b>5.0413</b> |
| Stddev | .0157         | .00298        | .00090        | .00160        | .0468         | .0029         | .00230        | .0543         |
| %RSD   | .59221        | .74485        | .28848        | .68077        | .61456        | .23991        | .66872        | 1.0777        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.6413 | .40071 | .31261 | .23562 | 7.6058 | 1.2129 | .34282 | 5.1033 |
| #2 | 2.6405 | .39620 | .31083 | .23585 | 7.5838 | 1.2171 | .34118 | 5.0184 |
| #3 | 2.6681 | .40183 | .31147 | .23297 | 7.6736 | 1.2115 | .34572 | 5.0022 |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| 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    | <b>6.9989</b> | <b>.22801</b> | <b>4.6051</b> | <b>.97351</b> | <b>1.8161</b> | <b>9.7417</b> | <b>70.056</b> |  |
| Stddev | .0482         | .00121        | .0274         | .00485        | .0078         | .0388         | .718          |  |
| %RSD   | .68915        | .53132        | .59495        | .49816        | .42905        | .39783        | 1.0242        |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 6.9749 | .22733 | 4.6364 | .97053 | 1.8187 | 9.7500 | 70.818 |  |
| #2 | 6.9673 | .22730 | 4.5933 | .97089 | 1.8223 | 9.7757 | 69.393 |  |
| #3 | 7.0544 | .22941 | 4.5856 | .97911 | 1.8073 | 9.6995 | 69.958 |  |

Sample Name: S5      Acquired: 03/19/2019 11:21:30      Type: Cal  
Method: NON EPA-6010-200.7(v84)      Mode: IR      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2467.9 | 2646.0 | 54043. | 4790.6 | 3812.0 |
| Stddev    | 32.7   | 26.5   | 427.   | 16.7   | 35.5   |
| %RSD      | 1.3270 | 1.0024 | .79077 | .34761 | .93059 |
| #1        | 2490.7 | 2665.3 | 54280. | 4771.9 | 3842.0 |
| #2        | 2482.7 | 2656.9 | 54298. | 4795.9 | 3821.1 |
| #3        | 2430.4 | 2615.7 | 53549. | 4803.9 | 3772.8 |



Sample Name: ICV01      Acquired: 03/19/2019 11:29:54      Type: Unk  
Method: NON EPA-6010-200.7(v84)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.008386</b> | <b>1.019684</b> | <b>.9779941</b> | <b>1.021860</b> | <b>.9862388</b> | <b>2.540252</b> |
| Stddev | .010193         | .010257         | .0064043        | .010959         | .0073041        | .015609         |
| %RSD   | 1.010842        | 1.005891        | .6548405        | 1.072446        | .7406050        | .6144783        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .999637  | 1.012165 | .9775230 | 1.017454 | .9804155 | 2.537528 |
| #2 | 1.005943 | 1.015519 | .9718383 | 1.013790 | .9838668 | 2.557044 |
| #3 | 1.019579 | 1.031368 | .9846209 | 1.034337 | .9944341 | 2.526184 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4975136</b> | <b>.4912759</b> | <b>.4919248</b> | <b>10.14393</b> | <b>.4965637</b> | <b>.4937742</b> |
| Stddev | .0010440        | .0038497        | .0045477        | .08105          | .0011119        | .0039492        |
| %RSD   | .2098438        | .7836088        | .9244667        | .7989996        | .2239108        | .7998029        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4966333 | .4869394 | .4899962 | 10.06232 | .4962218 | .4920982 |
| #2 | .4986671 | .4925979 | .4886592 | 10.22440 | .4956629 | .4909393 |
| #3 | .4972405 | .4942904 | .4971189 | 10.14509 | .4978063 | .4982850 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5145264</b> | <b>5.205368</b> | <b>.5064921</b> | <b>5.939401</b> | <b>.4992712</b> | <b>.5116443</b> |
| Stddev | .0041509        | .049135         | .0040799        | .126268         | .0047123        | .0021169        |
| %RSD   | .8067388        | .9439289        | .8055315        | 2.125944        | .9438279        | .4137466        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5183024 | 5.149015 | .5030477 | 5.794157 | .4969462 | .5132651 |
| #2 | .5151950 | 5.239245 | .5109978 | 6.023060 | .4961733 | .5092493 |
| #3 | .5100818 | 5.227844 | .5054308 | 6.000985 | .5046941 | .5124186 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>9.995928</b> | <b>.4780756</b> | <b>1.027830</b> | <b>9.950873</b> | <b>2.527707</b> | <b>2.533909</b> |
| Stddev | .286457         | .0043775        | .005448         | .099965         | .026895         | .028091         |
| %RSD   | 2.865741        | .9156461        | .5300681        | 1.004590        | 1.064002        | 1.108623        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.919860 | .4749455 | 1.033773 | 9.897851 | 2.508133 | 2.501508 |
| #2 | 10.31274 | .4830778 | 1.023073 | 9.888588 | 2.516613 | 2.548776 |
| #3 | 9.75518  | .4762034 | 1.026643 | 10.06618 | 2.558374 | 2.551443 |

Sample Name: ICV01      Acquired: 03/19/2019 11:29:54      Type: Unk  
Method: NON EPA-6010-200.7(v84)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                   |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm               |
| Avg    | <b>2.490895</b> | <b>2.505362</b> | <b>2.467762</b> | <b>2.497964</b> | <b>2.560501</b> | <b>W 2.501344</b> |
| Stddev | .027342         | .025841         | .021452         | .012957         | .018742         | .013096           |
| %RSD   | 1.097660        | 1.031440        | .8693014        | .5187164        | .7319566        | .5235460          |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.479743 | 2.482459 | 2.443108 | 2.494705 | 2.546029 | 2.486337 |
| #2 | 2.470893 | 2.500248 | 2.478010 | 2.486947 | 2.581672 | 2.510457 |
| #3 | 2.522050 | 2.533377 | 2.482168 | 2.512239 | 2.553802 | 2.507238 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>2.521765</b> |
| Stddev | .002190         |
| %RSD   | .0868402        |

|    |          |
|----|----------|
| #1 | 2.519467 |
| #2 | 2.523829 |
| #3 | 2.521999 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2458.389</b> | <b>2684.114</b> | <b>53146.80</b> | <b>4742.049</b> | <b>3976.695</b> |
| Stddev    | 12.258          | 18.450          | 203.07          | 38.129          | 23.148          |
| %RSD      | .4986079        | .6873678        | .3820984        | .8040705        | .5820910        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2445.339 | 2681.224 | 52921.31 | 4784.908 | 3969.895 |
| #2 | 2469.660 | 2703.838 | 53315.27 | 4729.348 | 4002.481 |
| #3 | 2460.168 | 2667.280 | 53203.82 | 4711.891 | 3957.708 |

Sample Name: LLICV01      Acquired: 03/19/2019 11:38:30      Type: Unk  
Method: NON EPA-6010-200.7(v84)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0229876</b> | <b>.0403378</b> | <b>.0139325</b> | <b>.0197037</b> | <b>.0532987</b> | <b>.1097102</b> | <b>.1059757</b> |
| Stddev | .0056686        | .0021784        | .0010874        | .0034932        | .0010043        | .0159794        | .0005535        |
| %RSD   | 24.65930        | 5.400453        | 7.804546        | 17.72856        | 1.884369        | 14.56510        | .5223098        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0259486</b> | <b>.0398323</b> | <b>.0132407</b> | <b>.0157622</b> | <b>.0527477</b> | <b>.1169848</b> | <b>.1066087</b> |
| #2 | <b>.0164517</b> | <b>.0384566</b> | <b>.0133710</b> | <b>.0224165</b> | <b>.0526904</b> | <b>.0913878</b> | <b>.1055823</b> |
| #3 | <b>.0265625</b> | <b>.0427245</b> | <b>.0151859</b> | <b>.0209325</b> | <b>.0544579</b> | <b>.1207578</b> | <b>.1057362</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0065415</b> | <b>.0064393</b> | <b>2.175015</b> | <b>.0100981</b> | <b>.0311645</b> | <b>.0224568</b> | <b>.0976048</b> |
| Stddev | .0000717        | .0000314        | .036049         | .0007777        | .0003286        | .0041668        | .0336492        |
| %RSD   | 1.095721        | .4869597        | 1.657430        | 7.701353        | 1.054370        | 18.55479        | 34.47498        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0064695</b> | <b>.0064386</b> | <b>2.142763</b> | <b>.0109704</b> | <b>.0310795</b> | <b>.0269047</b> | <b>.1100065</b> |
| #2 | <b>.0066128</b> | <b>.0064710</b> | <b>2.168350</b> | <b>.0098465</b> | <b>.0308868</b> | <b>.0186439</b> | <b>.0595147</b> |
| #3 | <b>.0065421</b> | <b>.0064083</b> | <b>2.213932</b> | <b>.0094773</b> | <b>.0315272</b> | <b>.0218218</b> | <b>.1232931</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0227506</b> | <b>2.094853</b> | <b>.0428819</b> | <b>.0101233</b> | <b>2.026809</b> | <b>.0388784</b> | <b>.0432868</b> |
| Stddev | .0009267        | .083012         | .0005518        | .0004920        | .317315         | .0088010        | .0002547        |
| %RSD   | 4.073367        | 3.962658        | 1.286714        | 4.859597        | 15.65588        | 22.63725        | .5883663        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0237586</b> | <b>2.170772</b> | <b>.0425562</b> | <b>.0096446</b> | <b>2.376093</b> | <b>.0483574</b> | <b>.0434581</b> |
| #2 | <b>.0225575</b> | <b>2.006216</b> | <b>.0425705</b> | <b>.0106275</b> | <b>1.948028</b> | <b>.0309657</b> | <b>.0429941</b> |
| #3 | <b>.0219356</b> | <b>2.107571</b> | <b>.0435189</b> | <b>.0100976</b> | <b>1.756307</b> | <b>.0373121</b> | <b>.0434082</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.113920</b> | <b>.0183169</b> | <b>.1143616</b> | <b>.2150905</b> | <b>.0172566</b> | <b>.4205298</b> | <b>.0413824</b> |
| Stddev | .088202         | .0025478        | .0015972        | .0021016        | .0018182        | .0005566        | .0018677        |
| %RSD   | 4.172415        | 13.90970        | 1.396647        | .9770941        | 10.53628        | .1323648        | 4.513345        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2.069524</b> | <b>.0185839</b> | <b>.1159312</b> | <b>.2144464</b> | <b>.0180712</b> | <b>.4206500</b> | <b>.0404488</b> |
| #2 | <b>2.056738</b> | <b>.0207207</b> | <b>.1144155</b> | <b>.2133863</b> | <b>.0151736</b> | <b>.4210166</b> | <b>.0401656</b> |
| #3 | <b>2.215499</b> | <b>.0156461</b> | <b>.1127381</b> | <b>.2174388</b> | <b>.0185251</b> | <b>.4199229</b> | <b>.0435329</b> |

Sample Name: LLICV01      Acquired: 03/19/2019 11:38:30      Type: Unk  
Method: NON EPA-6010-200.7(v84)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0422441</b> | <b>.0173777</b> | <b>.0212954</b> |
| Stddev | .0018736        | .0003841        | .0000100        |
| %RSD   | 4.435122        | 2.210283        | .0468762        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0400812</b> | <b>.0176434</b> | <b>.0212917</b> |
| #2 | <b>.0432849</b> | <b>.0169373</b> | <b>.0213067</b> |
| #3 | <b>.0433663</b> | <b>.0175523</b> | <b>.0212877</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2451.090</b> | <b>2681.579</b> | <b>53166.35</b> | <b>4766.323</b> | <b>3983.882</b> |
| Stddev    | 36.873          | 15.838          | 466.70          | 24.858          | 24.850          |
| %RSD      | 1.504341        | .5906237        | .8778196        | .5215410        | .6237704        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2411.096</b> | <b>2690.322</b> | <b>52630.89</b> | <b>4738.230</b> | <b>3996.528</b> |
| #2 | <b>2483.734</b> | <b>2691.118</b> | <b>53486.75</b> | <b>4785.470</b> | <b>3999.865</b> |
| #3 | <b>2458.441</b> | <b>2663.296</b> | <b>53381.41</b> | <b>4775.270</b> | <b>3955.252</b> |

Sample Name: ICB01      Acquired: 03/19/2019 11:43:37      Type: Unk  
Method: NON EPA-6010-200.7(v84)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002065</b> | <b>-.000799</b> | <b>.0005116</b> | <b>.0053530</b> | <b>-.001444</b> | <b>-.012354</b> | <b>.0000070</b> |
| Stddev | .005457         | .002182         | .0021737        | .0012511        | .002367         | .015612         | .0003968        |
| %RSD   | 264.2806        | 273.1402        | 424.9208        | 23.37124        | 163.9140        | 126.3688        | 5703.323        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001012</b> | <b>-.002650</b> | <b>-.000117</b> | <b>.0048264</b> | <b>.001181</b>  | <b>-.004397</b> | <b>-.000428</b> |
| #2 | <b>.002789</b>  | <b>.001607</b>  | <b>-.001278</b> | <b>.0067812</b> | <b>-.003417</b> | <b>-.002324</b> | <b>.000100</b>  |
| #3 | <b>-.007972</b> | <b>-.001355</b> | <b>.002930</b>  | <b>.0044513</b> | <b>-.002097</b> | <b>-.030341</b> | <b>.000349</b>  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000808</b> | <b>.0000457</b> | <b>.0012144</b> | <b>.0000187</b> | <b>-.000033</b> | <b>.0018905</b> | <b>-.004205</b> |
| Stddev | .0000749        | .0000368        | .0172803        | .0004681        | .000150         | .0043562        | .013644         |
| %RSD   | 92.62145        | 80.52320        | 1422.908        | 2496.527        | 458.7374        | 230.4251        | 324.5014        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000189</b> | <b>.0000124</b> | <b>.0053670</b> | <b>.0001022</b> | <b>-.000141</b> | <b>-.002878</b> | <b>-.001108</b> |
| #2 | <b>.0001640</b> | <b>.0000851</b> | <b>-.017764</b> | <b>.0004395</b> | <b>-.000096</b> | <b>.002890</b>  | <b>.007625</b>  |
| #3 | <b>.0000596</b> | <b>.0000395</b> | <b>.016040</b>  | <b>-.000485</b> | <b>.000139</b>  | <b>.005660</b>  | <b>-.019131</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0005008</b> | <b>.0656033</b> | <b>-.000125</b> | <b>.0002956</b> | <b>-.263533</b> | <b>-.003663</b> | <b>-.001089</b> |
| Stddev | .0030182        | .0129132        | .000048         | .0002983        | .274660         | .003367         | .000236         |
| %RSD   | 602.7270        | 19.68370        | 38.37735        | 100.9218        | 104.2221        | 91.91788        | 21.66061        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002261</b> | <b>.0719038</b> | <b>-.000121</b> | <b>.0002698</b> | <b>-.551288</b> | <b>.000214</b>  | <b>-.000987</b> |
| #2 | <b>.000041</b>  | <b>.0507493</b> | <b>-.000175</b> | <b>.0000110</b> | <b>-.235137</b> | <b>-.005352</b> | <b>-.001359</b> |
| #3 | <b>.003723</b>  | <b>.0741567</b> | <b>-.000079</b> | <b>.0006060</b> | <b>-.004175</b> | <b>-.005853</b> | <b>-.000921</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.035039</b> | <b>-.004426</b> | <b>.0023398</b> | <b>-.000041</b> | <b>-.004021</b> | <b>-.003814</b> | <b>-.000166</b> |
| Stddev | .107147         | .001341         | .0008182        | .000116         | .002996         | .001267         | .001392         |
| %RSD   | 305.7934        | 30.30951        | 34.97004        | 279.1526        | 74.50494        | 33.22350        | 839.0806        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.127814</b> | <b>-.003100</b> | <b>.0030672</b> | <b>-.000107</b> | <b>-.006826</b> | <b>-.003765</b> | <b>.000273</b>  |
| #2 | <b>-.059539</b> | <b>-.004396</b> | <b>.0024983</b> | <b>.000092</b>  | <b>-.004372</b> | <b>-.005106</b> | <b>-.001724</b> |
| #3 | <b>.082236</b>  | <b>-.005782</b> | <b>.0014540</b> | <b>-.000109</b> | <b>-.000865</b> | <b>-.002572</b> | <b>.000954</b>  |

Sample Name: ICB01      Acquired: 03/19/2019 11:43:37      Type: Unk  
Method: NON EPA-6010-200.7(v84)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001955</b> | <b>-.002179</b> | <b>.0000051</b> |
| Stddev | .000968         | .002464         | .0000665        |
| %RSD   | 49.52174        | 113.0841        | 1298.360        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002419</b> | <b>-.005010</b> | <b>-.000036</b> |
| #2 | <b>-.000842</b> | <b>-.001001</b> | <b>-.000030</b> |
| #3 | <b>-.002604</b> | <b>-.000525</b> | <b>.000082</b>  |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2401.788</b> | <b>2643.346</b> | <b>52294.64</b> | <b>4766.033</b> | <b>3905.856</b> |
| Stddev    | 26.096          | 20.998          | 340.98          | 25.861          | 25.288          |
| %RSD      | 1.086530        | .7943826        | .6520307        | .5426061        | .6474480        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2420.495</b> | <b>2656.939</b> | <b>52646.55</b> | <b>4737.450</b> | <b>3921.957</b> |
| #2 | <b>2371.976</b> | <b>2653.939</b> | <b>51965.76</b> | <b>4787.810</b> | <b>3918.903</b> |
| #3 | <b>2412.892</b> | <b>2619.162</b> | <b>52271.60</b> | <b>4772.840</b> | <b>3876.709</b> |

Sample Name: CRI01      Acquired: 03/19/2019 11:57:55      Type: Unk  
Method: NON EPA-6010-200.7(v84)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0256696</b> | <b>.0392978</b> | <b>.0112432</b> | <b>.0217290</b> | <b>.0537363</b> | <b>.1033368</b> | <b>.1045730</b> |
| Stddev | .0043216        | .0007443        | .0016762        | .0034165        | .0008758        | .0049514        | .0012532        |
| %RSD   | 16.83557        | 1.893911        | 14.90873        | 15.72309        | 1.629777        | 4.791517        | 1.198416        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0299311 | .0385310 | .0104710 | .0235427 | .0527406 | .1032425 | .1031507 |
| #2 | .0257874 | .0400172 | .0131664 | .0177881 | .0543874 | .1083347 | .1055153 |
| #3 | .0212903 | .0393452 | .0100923 | .0238560 | .0540809 | .0984333 | .1050529 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0064560</b> | <b>.0062000</b> | <b>2.170388</b> | <b>.0106173</b> | <b>.0310244</b> | <b>.0213902</b> | <b>.0923309</b> |
| Stddev | .0000659        | .0000467        | .001801         | .0000334        | .0005919        | .0053963        | .0214011        |
| %RSD   | 1.020318        | .7531705        | .0830010        | .3143055        | 1.907776        | 25.22770        | 23.17873        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0063886 | .0062537 | 2.168389 | .0105936 | .0308032 | .0218993 | .1057086 |
| #2 | .0065203 | .0061767 | 2.171886 | .0106030 | .0305749 | .0265139 | .0676480 |
| #3 | .0064593 | .0061695 | 2.170889 | .0106555 | .0316950 | .0157574 | .1036362 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0231908</b> | <b>2.133948</b> | <b>.0427419</b> | <b>.0105181</b> | <b>1.787530</b> | <b>.0357221</b> | <b>.0428673</b> |
| Stddev | .0009633        | .063833         | .0006392        | .0000666        | .447755         | .0037106        | .0009277        |
| %RSD   | 4.153750        | 2.991318        | 1.495392        | .6336889        | 25.04882        | 10.38748        | 2.164169        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0242888 | 2.067476 | .0427449 | .0105766 | 1.602946 | .0380879 | .0418687 |
| #2 | .0227956 | 2.194766 | .0421013 | .0104455 | 1.461574 | .0314455 | .0437024 |
| #3 | .0224879 | 2.139603 | .0433796 | .0105321 | 2.298070 | .0376329 | .0430308 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.048258</b> | <b>.0182998</b> | <b>.1037400</b> | <b>.2124051</b> | <b>.0142807</b> | <b>.4135712</b> | <b>.0400834</b> |
| Stddev | .013187         | .0002630        | .0026590        | .0030803        | .0023769        | .0052487        | .0008163        |
| %RSD   | .6438006        | 1.437235        | 2.563156        | 1.450195        | 16.64390        | 1.269109        | 2.036547        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.040109 | .0181230 | .1029990 | .2122271 | .0115519 | .4088721 | .0399962 |
| #2 | 2.041193 | .0186020 | .1015301 | .2094177 | .0158996 | .4126061 | .0393142 |
| #3 | 2.063472 | .0181742 | .1066909 | .2155706 | .0153904 | .4192355 | .0409399 |

Sample Name: CRI01      Acquired: 03/19/2019 11:57:55      Type: Unk  
 Method: NON EPA-6010-200.7(v84)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0425736</b> | <b>.0142391</b> | <b>.0207101</b> |
| Stddev | .0013929        | .0011220        | .0002433        |
| %RSD   | 3.271848        | 7.879481        | 1.174795        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0437075</b> | <b>.0130266</b> | <b>.0205111</b> |
| #2 | <b>.0410187</b> | <b>.0144502</b> | <b>.0209813</b> |
| #3 | <b>.0429947</b> | <b>.0152405</b> | <b>.0206379</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2433.900</b> | <b>2674.490</b> | <b>53006.74</b> | <b>4818.083</b> | <b>3976.994</b> |
| Stddev    | 23.901          | 23.228          | 236.54          | 44.944          | 26.188          |
| %RSD      | .9820206        | .8685167        | .4462374        | .9328163        | .6584779        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2415.476 | 2669.716 | 52852.50 | 4835.180 | 3978.213 |
| #2 | 2425.315 | 2699.734 | 52888.65 | 4851.970 | 4002.551 |
| #3 | 2460.908 | 2654.019 | 53279.07 | 4767.100 | 3950.219 |



Sample Name: ICSA01      Acquired: 03/19/2019 12:01:46      Type: Unk  
Method: NON EPA-6010-200.7(v84)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.011726</b> | <b>-.008661</b> | <b>.0006223</b> | <b>.0015894</b> | <b>.0029865</b> | <b>270.4541</b> |
| Stddev | .006807         | .001341         | .0010977        | .0019056        | .0008785        | 2.4891          |
| %RSD   | 58.04955        | 15.48094        | 176.4022        | 119.8929        | 29.41598        | .9203479        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.006104</b> | <b>-.009358</b> | <b>.0018672</b> | <b>.0032368</b> | <b>.0029459</b> | <b>267.5809</b> |
| #2 | <b>-.009781</b> | <b>-.009511</b> | <b>-.000206</b> | <b>-.000498</b> | <b>.0021290</b> | <b>271.9550</b> |
| #3 | <b>-.019294</b> | <b>-.007116</b> | <b>.000206</b>  | <b>.002029</b>  | <b>.0038846</b> | <b>271.8265</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0026584</b> | <b>.0009416</b> | <b>.0006800</b> | <b>258.8932</b> | <b>.0495873</b> | <b>.0015459</b> |
| Stddev | .0010879        | .0000267        | .0001497        | 1.9332          | .0001697        | .0002141        |
| %RSD   | 40.92249        | 2.830468        | 22.01658        | .7467318        | .3422731        | 13.84914        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0017329</b> | <b>.0009151</b> | <b>.0006706</b> | <b>256.6808</b> | <b>.0494699</b> | <b>.0017931</b> |
| #2 | <b>.0023855</b> | <b>.0009413</b> | <b>.0005352</b> | <b>259.7415</b> | <b>.0497819</b> | <b>.0014207</b> |
| #3 | <b>.0038567</b> | <b>.0009683</b> | <b>.0008341</b> | <b>260.2572</b> | <b>.0495102</b> | <b>.0014239</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0166127</b> | <b>105.2387</b> | <b>.0124505</b> | <b>271.1813</b> | <b>.0011420</b> | <b>-.001662</b> |
| Stddev | .0056730        | 1.1067          | .0024488        | 2.4170          | .0002787        | .000669         |
| %RSD   | 34.14858        | 1.051619        | 19.66829        | .8912804        | 24.40359        | 40.22284        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0155207</b> | <b>103.9617</b> | <b>.0096277</b> | <b>268.4015</b> | <b>.0013697</b> | <b>-.000955</b> |
| #2 | <b>.0227523</b> | <b>105.8344</b> | <b>.0140042</b> | <b>272.3561</b> | <b>.0012251</b> | <b>-.002284</b> |
| #3 | <b>.0115651</b> | <b>105.9200</b> | <b>.0137197</b> | <b>272.7864</b> | <b>.0008312</b> | <b>-.001749</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3131643</b> | <b>.0036599</b> | <b>.0065829</b> | <b>-.066349</b> | <b>-.008506</b> | <b>-.047952</b> |
| Stddev | .1758569        | .0046445        | .0002142        | .047502         | .000232         | .006514         |
| %RSD   | 56.15482        | 126.9041        | 3.253361        | 71.59426        | 2.723851        | 13.58374        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2335565</b> | <b>-.001641</b> | <b>.0063890</b> | <b>-.113042</b> | <b>-.008251</b> | <b>-.046361</b> |
| #2 | <b>.1911888</b> | <b>.005603</b>  | <b>.0068127</b> | <b>-.018077</b> | <b>-.008561</b> | <b>-.055113</b> |
| #3 | <b>.5147477</b> | <b>.007018</b>  | <b>.0065469</b> | <b>-.067928</b> | <b>-.008705</b> | <b>-.042381</b> |

Sample Name: ICSA01      Acquired: 03/19/2019 12:01:46      Type: Unk  
Method: NON EPA-6010-200.7(v84)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0008345 | .0034128 | -.003948 | -.003322 | -.001990 | W .0044552 |
| Stddev | .0003814 | .0061968 | .000795  | .001039  | .001000  | .0019329   |
| %RSD   | 45.69914 | 181.5743 | 20.14095 | 31.29027 | 50.24298 | 43.38380   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0010035 | .0067412 | -.003159 | -.003041 | -.001828 | .0027086 |
| #2 | .0011022 | .0072343 | -.003935 | -.004473 | -.001081 | .0041253 |
| #3 | .0003979 | -.003737 | -.004749 | -.002452 | -.003061 | .0065318 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .1019015 |
| Stddev | .0013050   |
| %RSD   | 1.280639   |

|    |          |
|----|----------|
| #1 | .1004139 |
| #2 | .1028533 |
| #3 | .1024374 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2331.111 | 2519.218 | 51915.09 | 4750.764 | 3563.825 |
| Stddev    | 25.991   | 29.342   | 467.54   | 27.676   | 38.454   |
| %RSD      | 1.114946 | 1.164734 | .9005846 | .5825528 | 1.079013 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2340.816 | 2538.607 | 52257.99 | 4770.062 | 3587.061 |
| #2 | 2350.853 | 2533.586 | 52104.77 | 4719.055 | 3584.975 |
| #3 | 2301.665 | 2485.461 | 51382.52 | 4763.175 | 3519.438 |

Sample Name: ICSAB01      Acquired: 03/19/2019 12:05:35      Type: Unk  
Method: NON EPA-6010-200.7(v84)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0885278 | .1110281 | .0566685 | .0476811 | .6347404 | 271.4752 |
| Stddev | .0029846 | .0024658 | .0012185 | .0043898 | .0083176 | 1.1268   |
| %RSD   | 3.371383 | 2.220926 | 2.150291 | 9.206468 | 1.310395 | .4150559 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0919742 | .1120685 | .0580015 | .0523925 | .6266705 | 271.1810 |
| #2 | .0868078 | .1082126 | .0556119 | .0437061 | .6342654 | 270.5246 |
| #3 | .0868016 | .1128032 | .0563922 | .0469449 | .6432853 | 272.7198 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5340487 | .5210112 | 1.028270 | 261.1563 | .5685635 | .5368465 |
| Stddev | .0022868 | .0038178 | .006747  | 2.8972   | .0036537 | .0026730 |
| %RSD   | .4281934 | .7327589 | .6561306 | 1.109367 | .6426272 | .4979146 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5366887 | .5238407 | 1.024347 | 260.5344 | .5698883 | .5350089 |
| #2 | .5326813 | .5166689 | 1.024402 | 258.6206 | .5644321 | .5356175 |
| #3 | .5327762 | .5225239 | 1.036060 | 264.3139 | .5713700 | .5399129 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5570209 | 105.3426 | .5465083 | 272.5086 | 1.065656 | .1629213 |
| Stddev | .0054979 | .8785    | .0035059 | 1.7933   | .008508  | .0022369 |
| %RSD   | .9870251 | .8339068 | .6415059 | .6580532 | .7983431 | 1.373013 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5589798 | 105.2533 | .5489643 | 272.3575 | 1.059321 | .1628133 |
| #2 | .5508118 | 104.5122 | .5424933 | 270.7957 | 1.062321 | .1607403 |
| #3 | .5612711 | 106.2623 | .5480674 | 274.3727 | 1.075326 | .1652103 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.076513 | .5337427 | 1.104873 | -.211405 | F .2047338 | 1.050665 |
| Stddev | .265422  | .0071314 | .008511  | .105753  | .0054737   | .008489  |
| %RSD   | 346.8990 | 1.336116 | .7702775 | 50.02374 | 2.673591   | .8079913 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.335532 | .5342430 | 1.112066 | -.096864 | .2005430 | 1.054537 |
| #2 | -.088885 | .5263743 | 1.095478 | -.305335 | .2027317 | 1.040930 |
| #3 | .194879  | .5406108 | 1.107075 | -.232017 | .2109267 | 1.056528 |

Sample Name: ICSAB01      Acquired: 03/19/2019 12:05:35      Type: Unk  
Method: NON EPA-6010-200.7(v84)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |            |
|--------|----------|------------|----------|----------|----------|------------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707     |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm        |
| Avg    | 1.067927 | F .2114754 | 1.041397 | 1.112207 | 1.084637 | F .2124975 |
| Stddev | .010427  | .0069641   | .004995  | .008641  | .007683  | .0029180   |
| %RSD   | .9763880 | 3.293080   | .4796684 | .7769249 | .7083353 | 1.373172   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.058045 | .2044377 | 1.044328 | 1.108208 | 1.076687 | .2110632 |
| #2 | 1.066912 | .2183634 | 1.035629 | 1.106290 | 1.085203 | .2105744 |
| #3 | 1.078825 | .2116250 | 1.044233 | 1.122123 | 1.092022 | .2158551 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .3030935 |
| Stddev | .0005241   |
| %RSD   | .1729236   |

|    |          |
|----|----------|
| #1 | .3035830 |
| #2 | .3031569 |
| #3 | .3025405 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2315.380 | 2512.665 | 51814.26 | 4698.494 | 3549.683 |
| Stddev    | 18.543   | 2.182    | 438.04   | 25.828   | 10.865   |
| %RSD      | .8008683 | .0868417 | .8454040 | .5496993 | .3060772 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2315.361 | 2510.988 | 51978.31 | 4706.596 | 3540.046 |
| #2 | 2333.933 | 2515.132 | 52146.60 | 4719.300 | 3561.458 |
| #3 | 2296.847 | 2511.875 | 51317.88 | 4669.587 | 3547.545 |

Sample Name: CCV01      Acquired: 03/19/2019 12:09:14      Type: Unk  
Method: NON EPA-6010-200.7(v84)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.027938</b> | <b>5.013481</b> | <b>4.937735</b> | <b>4.908668</b> | <b>5.027428</b> | <b>9.813968</b> | <b>9.878024</b> |
| Stddev | .060465         | .053149         | .065674         | .039347         | .050481         | .090713         | .102918         |
| %RSD   | 1.202585        | 1.060131        | 1.330048        | .8015753        | 1.004117        | .9243209        | 1.041886        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.974209 | 4.960371 | 4.883114 | 4.870435 | 4.978778 | 9.883390 | 9.962008 |
| #2 | 5.016190 | 5.013402 | 4.919487 | 4.906527 | 5.023944 | 9.847185 | 9.908846 |
| #3 | 5.093415 | 5.066670 | 5.010603 | 4.949041 | 5.079560 | 9.711329 | 9.763217 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2435386</b> | <b>2.427075</b> | <b>24.85331</b> | <b>.9839118</b> | <b>2.478382</b> | <b>1.263035</b> | <b>4.960373</b> |
| Stddev | .0011189        | .026480         | .31081          | .0021681        | .029923         | .006337         | .093541         |
| %RSD   | .4594373        | 1.091017        | 1.250574        | .2203532        | 1.207348        | .5017659        | 1.885759        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2432956 | 2.404076 | 25.08563 | .9824295 | 2.450368 | 1.269439 | 5.059686 |
| #2 | .2447591 | 2.421125 | 24.97406 | .9829058 | 2.474873 | 1.262899 | 4.947496 |
| #3 | .2425612 | 2.456024 | 24.50025 | .9864002 | 2.509904 | 1.256766 | 4.873939 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.487403</b> | <b>24.39784</b> | <b>2.492896</b> | <b>1.236040</b> | <b>23.94639</b> | <b>2.488579</b> | <b>2.524716</b> |
| Stddev | .027484         | .48641          | .030009         | .002486         | .10210          | .028186         | .008000         |
| %RSD   | 1.104942        | 1.993658        | 1.203773        | .2011625        | .4263522        | 1.132625        | .3168534        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.512145 | 24.71214 | 2.465875 | 1.238911 | 23.87519 | 2.513435 | 2.530536 |
| #2 | 2.492244 | 24.64381 | 2.487620 | 1.234626 | 23.90062 | 2.494347 | 2.515594 |
| #3 | 2.457820 | 23.83757 | 2.525193 | 1.234584 | 24.06336 | 2.457955 | 2.528019 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>24.81398</b> | <b>5.218567</b> | <b>4.867328</b> | <b>4.932381</b> | <b>4.896950</b> | <b>4.842491</b> | <b>4.909658</b> |
| Stddev | .31338          | .074600         | .039644         | .047644         | .059848         | .026005         | .058114         |
| %RSD   | 1.262923        | 1.429517        | .8144995        | .9659392        | 1.222143        | .5370261        | 1.183663        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.11586 | 5.156241 | 4.877198 | 4.885510 | 4.850515 | 4.831836 | 4.860946 |
| #2 | 24.83584 | 5.198235 | 4.901105 | 4.930870 | 4.875844 | 4.872131 | 4.894043 |
| #3 | 24.49024 | 5.301226 | 4.823681 | 4.980762 | 4.964492 | 4.823504 | 4.973984 |

Sample Name: CCV01      Acquired: 03/19/2019 12:09:14      Type: Unk  
Method: NON EPA-6010-200.7(v84)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>4.925070</b> | <b>4.861084</b> | <b>4.854902</b> |
| Stddev | .050211         | .056636         | .065847         |
| %RSD   | 1.019489        | 1.165087        | 1.356304        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>4.970595</b> | <b>4.901089</b> | <b>4.904378</b> |
| #2 | <b>4.933398</b> | <b>4.885884</b> | <b>4.880163</b> |
| #3 | <b>4.871215</b> | <b>4.796278</b> | <b>4.780165</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2442.226</b> | <b>2677.259</b> | <b>53873.16</b> | <b>4839.747</b> | <b>3927.118</b> |
| Stddev    | 16.880          | 20.545          | 252.26          | 39.692          | 37.211          |
| %RSD      | .6911770        | .7673781        | .4682397        | .8201178        | .9475479        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2422.747</b> | <b>2692.664</b> | <b>53608.78</b> | <b>4813.591</b> | <b>3954.840</b> |
| #2 | <b>2452.575</b> | <b>2685.180</b> | <b>54111.22</b> | <b>4820.232</b> | <b>3941.688</b> |
| #3 | <b>2451.356</b> | <b>2653.933</b> | <b>53899.47</b> | <b>4885.418</b> | <b>3884.826</b> |

Sample Name: LLCCV01      Acquired: 03/19/2019 12:12:48      Type: Unk  
Method: NON EPA-6010-200.7(v84)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0174054 | .0396878 | .0128868 | .0228044 | .0485315 | .0900579 | .0982123 |
| Stddev | .0040747 | .0017727 | .0019123 | .0012537 | .0008694 | .0071196 | .0013432 |
| %RSD   | 23.41061 | 4.466536 | 14.83933 | 5.497500 | 1.791360 | 7.905548 | 1.367602 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0203860 | .0384946 | .0149603 | .0241973 | .0492163 | .0977807 | .0966614 |
| #2 | .0190679 | .0417247 | .0125075 | .0224495 | .0475534 | .0886370 | .0990001 |
| #3 | .0127623 | .0388441 | .0111925 | .0217665 | .0488249 | .0837559 | .0989753 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060306 | .0058616 | 1.998463 | .0096023 | .0290562 | .0198964 | .0827534 |
| Stddev | .0000065 | .0000365 | .031810  | .0008377 | .0006489 | .0051044 | .0341593 |
| %RSD   | .1084770 | .6232125 | 1.591720 | 8.723754 | 2.233292 | 25.65470 | 41.27840 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0060242 | .0058530 | 1.962485 | .0099682 | .0290728 | .0163417 | .0433974 |
| #2 | .0060373 | .0058302 | 2.010044 | .0101948 | .0283992 | .0257454 | .1001538 |
| #3 | .0060303 | .0059017 | 2.022860 | .0086439 | .0296967 | .0176022 | .1047090 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0189845 | 1.927739 | .0401662 | .0099790 | 1.664485 | .0358636 | .0397297 |
| Stddev | .0014421 | .062178  | .0000726 | .0003905 | .341727  | .0029831 | .0005971 |
| %RSD   | 7.596237 | 3.225443 | .1806684 | 3.912794 | 20.53053 | 8.317745 | 1.503014 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0203825 | 1.895913 | .0401602 | .0097954 | 1.824654 | .0334971 | .0401254 |
| #2 | .0190690 | 1.999387 | .0402415 | .0097142 | 1.896709 | .0392144 | .0390429 |
| #3 | .0175020 | 1.887916 | .0400967 | .0104274 | 1.272091 | .0348794 | .0400210 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.021608 | .0147661 | .1078241 | .1989145 | .0184023 | .3937644 | .0388779 |
| Stddev | .167523  | .0017602 | .0004508 | .0025572 | .0028178 | .0029299 | .0009761 |
| %RSD   | 8.286609 | 11.92050 | .4181266 | 1.285598 | 15.31244 | .7440630 | 2.510619 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.836642 | .0141355 | .1074400 | .1978903 | .0164430 | .3962915 | .0399973 |
| #2 | 2.163129 | .0167548 | .1083205 | .1970282 | .0216316 | .3944488 | .0382048 |
| #3 | 2.065051 | .0134081 | .1077119 | .2018251 | .0171323 | .3905529 | .0384316 |

Sample Name: LLCCV01      Acquired: 03/19/2019 12:12:48      Type: Unk  
Method: NON EPA-6010-200.7(v84)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0374412</b> | <b>.0165655</b> | <b>.0196095</b> |
| Stddev | .0023621        | .0014033        | .0001563        |
| %RSD   | 6.308747        | 8.471113        | .7971375        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0391189</b> | <b>.0165637</b> | <b>.0196298</b> |
| #2 | <b>.0384647</b> | <b>.0179697</b> | <b>.0197546</b> |
| #3 | <b>.0347400</b> | <b>.0151631</b> | <b>.0194440</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2442.889</b> | <b>2688.629</b> | <b>53655.46</b> | <b>4801.970</b> | <b>3988.779</b> |
| Stddev    | 33.993          | 7.267           | 306.46          | 16.452          | 6.262           |
| %RSD      | 1.391514        | .2702887        | .5711720        | .3426039        | .1569781        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2476.553</b> | <b>2690.900</b> | <b>53955.80</b> | <b>4820.360</b> | <b>3992.410</b> |
| #2 | <b>2443.536</b> | <b>2694.490</b> | <b>53667.37</b> | <b>4796.900</b> | <b>3992.379</b> |
| #3 | <b>2408.576</b> | <b>2680.498</b> | <b>53343.22</b> | <b>4788.650</b> | <b>3981.549</b> |



Sample Name: CCB01      Acquired: 03/19/2019 12:25:07      Type: Unk  
Method: NON EPA-6010-200.7(v84)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016541 | .0001530 | -.000846 | .0035436 | -.001722 | -.020983 | -.001908 |
| Stddev | .0073793 | .0012605 | .001037  | .0011105 | .000419  | .006744  | .000897  |
| %RSD   | 446.1374 | 823.6428 | 122.5259 | 31.33654 | 24.30679 | 32.14178 | 47.00081 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0090178 | -.001091 | -.001444 | .0048247 | -.002098 | -.022909 | -.002275 |
| #2 | -.005741 | .000120  | -.001446 | .0029506 | -.001271 | -.013485 | -.000886 |
| #3 | .001685  | .001430  | .000351  | .0028556 | -.001797 | -.026554 | -.002564 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000349 | .0000849 | .0000874 | -.000057 | -.000149 | .0000385 | .0068113 |
| Stddev | .0000720 | .0000843 | .0317940 | .000174  | .000091  | .0013361 | .0263894 |
| %RSD   | 206.5331 | 99.28790 | 36386.59 | 306.1753 | 60.86357 | 3472.872 | 387.4358 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000349 | .0000020 | .0352919 | -.000114 | -.000190 | .0015016 | .0358441 |
| #2 | .0001069 | .0001705 | -.026534 | .000139  | -.000045 | -.000269 | -.015719 |
| #3 | -.000037 | .0000822 | -.008496 | -.000196 | -.000211 | -.001117 | .000309  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006050 | .0652835 | -.000111 | .0000125 | -.548930 | -.000620 | .0003848 |
| Stddev | .0021294 | .0733389 | .000253  | .0010901 | .148651  | .005011  | .0001962 |
| %RSD   | 351.9844 | 112.3391 | 228.9171 | 8750.225 | 27.08017 | 808.1416 | 50.97396 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0017130 | .0340505 | -.000246 | -.001162 | -.676658 | .004359  | .0001862 |
| #2 | .0019519 | .0127313 | .000182  | .000993  | -.385762 | -.000557 | .0003899 |
| #3 | -.001850 | .1490686 | -.000268 | .000206  | -.584370 | -.005662 | .0005784 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.109375 | -.003511 | -.001895 | .0000652 | -.000220 | -.003265 | -.001631 |
| Stddev | .090038  | .001622  | .001153  | .0004670 | .004157  | .001326  | .001311  |
| %RSD   | 82.31998 | 46.18793 | 60.83466 | 716.2714 | 1888.978 | 40.61129 | 80.39895 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.212619 | -.004594 | -.001750 | -.000302 | -.001545 | -.001827 | -.002626 |
| #2 | -.047158 | -.001647 | -.000822 | -.000093 | -.003553 | -.003528 | -.002121 |
| #3 | -.068348 | -.004293 | -.003114 | .000591  | .004438  | -.004440 | -.000145 |

Sample Name: CCB01      Acquired: 03/19/2019 12:25:07      Type: Unk  
 Method: NON EPA-6010-200.7(v84)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: CB01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0002798 | -.003615 | .0000727 |
| Stddev | .0006064 | .001362  | .0000793 |
| %RSD   | 216.7054 | 37.67003 | 109.1958 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0001563 | -.002158 | .0001150 |
| #2 | .0009384 | -.004856 | .0001218 |
| #3 | -.000255 | -.003831 | -.000019 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2441.928 | 2679.195 | 53340.81 | 4806.950 | 3966.974 |
| Stddev    | 13.978   | 22.281   | 242.35   | 15.860   | 30.957   |
| %RSD      | .5724259 | .8316286 | .4543517 | .3299411 | .7803663 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2426.039 | 2683.456 | 53131.94 | 4790.300 | 3974.022 |
| #2 | 2447.416 | 2699.038 | 53283.95 | 4821.880 | 3993.799 |
| #3 | 2452.330 | 2655.091 | 53606.54 | 4808.670 | 3933.101 |

Sample Name: LR CHECK 1      Acquired: 03/19/2019 12:32:28      Type: Unk  
Method: NON EPA-6010-200.7(v85)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                   |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm               |
| Avg    | <b>-.058200</b> | <b>-.087773</b> | <b>-.028432</b> | <b>-.005550</b> | <b>.0467548</b> | <b>F 1817.942</b> |
| Stddev | .010559         | .006882         | .002329         | .005869         | .0048854        | 23.900            |
| %RSD   | 18.14307        | 7.840651        | 8.191434        | 105.7473        | 10.44904        | 1.314653          |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.057437</b> | <b>-.086435</b> | <b>-.030671</b> | <b>-.004531</b> | <b>.0484802</b> | <b>1791.311</b> |
| #2 | <b>-.069120</b> | <b>-.095226</b> | <b>-.028603</b> | <b>-.011863</b> | <b>.0505434</b> | <b>1824.988</b> |
| #3 | <b>-.048043</b> | <b>-.081659</b> | <b>-.026023</b> | <b>-.000258</b> | <b>.0412408</b> | <b>1837.526</b> |

|        |                 |                 |                 |                   |                 |                 |
|--------|-----------------|-----------------|-----------------|-------------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736            | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm               | ppm             | ppm             |
| Avg    | <b>.0029613</b> | <b>.0070048</b> | <b>.0097809</b> | <b>F 1961.403</b> | <b>-.068656</b> | <b>.0841633</b> |
| Stddev | .0016095        | .0001430        | .0006211        | 2.552             | .000562         | .0010702        |
| %RSD   | 54.35336        | 2.041720        | 6.349689        | .1300949          | .8184532        | 1.271560        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0048182</b> | <b>.0069489</b> | <b>.0091588</b> | <b>1963.375</b> | <b>-.068011</b> | <b>.0830406</b> |
| #2 | <b>.0021001</b> | <b>.0071673</b> | <b>.0097829</b> | <b>1958.521</b> | <b>-.069041</b> | <b>.0842773</b> |
| #3 | <b>.0019655</b> | <b>.0068981</b> | <b>.0104009</b> | <b>1962.313</b> | <b>-.068915</b> | <b>.0851719</b> |

|        |                 |                   |                 |                   |                 |                 |
|--------|-----------------|-------------------|-----------------|-------------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598            | Mn2576          | Mg2790            | Ni2316          | Ag3280          |
| Units  | ppm             | ppm               | ppm             | ppm               | ppm             | ppm             |
| Avg    | <b>.1366867</b> | <b>F 960.2564</b> | <b>-.023898</b> | <b>F 1640.012</b> | <b>.0558248</b> | <b>-.068348</b> |
| Stddev | .0046390        | 8.7970            | .000899         | 21.921            | .0015424        | .001565         |
| %RSD   | 3.393899        | .9161080          | 3.760768        | 1.336661          | 2.762863        | 2.289099        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1313300</b> | <b>954.7842</b> | <b>-.024536</b> | <b>1620.552</b> | <b>.0574991</b> | <b>-.069666</b> |
| #2 | <b>.1393623</b> | <b>955.5811</b> | <b>-.022870</b> | <b>1635.722</b> | <b>.0555135</b> | <b>-.068759</b> |
| #3 | <b>.1393677</b> | <b>970.4038</b> | <b>-.024288</b> | <b>1663.761</b> | <b>.0544619</b> | <b>-.066619</b> |

|        |                   |                 |                 |                   |                 |                 |
|--------|-------------------|-----------------|-----------------|-------------------|-----------------|-----------------|
| Elem   | Na8183            | V_2924          | Zn2138          | K_7698            | P_1774          | B_2496          |
| Units  | ppm               | ppm             | ppm             | ppm               | ppm             | ppm             |
| Avg    | <b>F 1954.651</b> | <b>.0138728</b> | <b>.0252177</b> | <b>F 1072.212</b> | <b>-.031184</b> | <b>-.715886</b> |
| Stddev | 13.224            | .0083161        | .0007938        | .924              | .005497         | .040909         |
| %RSD   | .6765613          | 59.94511        | 3.147683        | .0861523          | 17.62861        | 5.714468        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1944.744</b> | <b>.0068484</b> | <b>.0259445</b> | <b>1072.262</b> | <b>-.031772</b> | <b>-.706128</b> |
| #2 | <b>1949.541</b> | <b>.0117148</b> | <b>.0253378</b> | <b>1071.264</b> | <b>-.025417</b> | <b>-.760791</b> |
| #3 | <b>1969.668</b> | <b>.0230551</b> | <b>.0243707</b> | <b>1073.109</b> | <b>-.036364</b> | <b>-.680737</b> |

Sample Name: LR CHECK 1      Acquired: 03/19/2019 12:32:28      Type: Unk  
Method: NON EPA-6010-200.7(v85)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0023043</b> | <b>.2414168</b> | <b>-.014370</b> | <b>.0119907</b> | <b>-.057655</b> | <b>.0659191</b> |
| Stddev | .0006137        | .0205052        | .001236         | .0034253        | .004632         | .0034188        |
| %RSD   | 26.63143        | 8.493690        | 8.604199        | 28.56632        | 8.034133        | 5.186390        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0016189 | .2361285 | -.014744 | .0111654 | -.054649 | .0624413 |
| #2 | .0028027 | .2240737 | -.012990 | .0090535 | -.055326 | .0660404 |
| #3 | .0024915 | .2640482 | -.015377 | .0157533 | -.062989 | .0692757 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0158780</b> |
| Stddev | .0001832        |
| %RSD   | 1.153656        |

|    |          |
|----|----------|
| #1 | .0157179 |
| #2 | .0158384 |
| #3 | .0160778 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2026.768</b> | <b>2135.717</b> | <b>46422.29</b> | <b>4286.163</b> | <b>2632.435</b> |
| Stddev    | 13.384          | 4.609           | 184.70          | 36.309          | 3.099           |
| %RSD      | .6603518        | .2157865        | .3978723        | .8471291        | .1177097        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2031.499 | 2135.879 | 46590.41 | 4327.349 | 2632.085 |
| #2 | 2037.143 | 2140.242 | 46451.88 | 4258.775 | 2635.694 |
| #3 | 2011.661 | 2131.029 | 46224.58 | 4272.367 | 2629.527 |

Sample Name: LR CHECK 2      Acquired: 03/19/2019 12:36:33      Type: Unk  
Method: NON EPA-6010-200.7(v85)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203     | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0014869 | .0143028 | F 260.5065 | -.001413 | -.018662 | .1658782 |
| Stddev | .0041096 | .0029642 | 2.5140     | .001865  | .000659  | .0686826 |
| %RSD   | 276.3948 | 20.72463 | .9650469   | 131.9562 | 3.528823 | 41.40542 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000853 | .0112627 | 260.4381 | -.002961 | -.018733 | .1169891 |
| #2 | -.000919 | .0144609 | 258.0274 | .000658  | -.019282 | .1362424 |
| #3 | .006232  | .0171848 | 263.0540 | -.001937 | -.017971 | .2444032 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Ba4934     | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 100.9926 | -.002094 | -.000386 | .3824240 | -.184237 | .0044778 |
| Stddev | .4769      | .000076  | .000087  | .0908037 | .000149  | .0003682 |
| %RSD   | .4722014   | 3.606725 | 22.57180 | 23.74424 | .0808797 | 8.222163 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 101.3497 | -.002078 | -.000455 | .3204603 | -.184115 | .0042403 |
| #2 | 101.1771 | -.002177 | -.000415 | .3401551 | -.184193 | .0049020 |
| #3 | 100.4511 | -.002028 | -.000288 | .4866567 | -.184403 | .0042913 |

|        |            |          |            |          |            |          |
|--------|------------|----------|------------|----------|------------|----------|
| Elem   | Cu3247     | Fe2598   | Mn2576     | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm        | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | F 263.1580 | -.546556 | F 43.26136 | .0522965 | F 52.31677 | .0035986 |
| Stddev | .3815      | .062579  | .12951     | .1147546 | .49262     | .0003147 |
| %RSD   | .1449637   | 11.44969 | .2993666   | 219.4309 | .9416193   | 8.744796 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 263.5983 | -.594016 | 43.38342 | -.024274 | 52.31447 | .0033859 |
| #2 | 262.9263 | -.570016 | 43.27514 | -.003073 | 51.82530 | .0039601 |
| #3 | 262.9493 | -.475637 | 43.12551 | .184237  | 52.81055 | .0034499 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 1.303141 | -.128222 | F 35.37795 | .0301266 | -3.05725 | -.008428 |
| Stddev | .080534  | .010596  | .01051     | .0168883 | .01801   | .001252  |
| %RSD   | 6.179980 | 8.263937 | .0297100   | 56.05789 | .5890398 | 14.84991 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.245701 | -.120275 | 35.38558 | .0242228 | -3.04255 | -.007984 |
| #2 | 1.268526 | -.140252 | 35.38231 | .0491743 | -3.05186 | -.007458 |
| #3 | 1.395195 | -.124138 | 35.36596 | .0169827 | -3.07734 | -.009841 |

Sample Name: LR CHECK 2      Acquired: 03/19/2019 12:36:33      Type: Unk  
Method: NON EPA-6010-200.7(v85)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.039505</b> | <b>-.601918</b> | <b>.0011473</b> | <b>-.003525</b> | <b>-.022578</b> | <b>-.010835</b> |
| Stddev | .000219         | .001910         | .0014592        | .001045         | .002117         | .000908         |
| %RSD   | .5531072        | .3173484        | 127.1893        | 29.63541        | 9.378124        | 8.381039        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.039604</b> | <b>-.600659</b> | <b>.0025794</b> | <b>-.003472</b> | <b>-.022956</b> | <b>-.010639</b> |
| #2 | <b>-.039656</b> | <b>-.604116</b> | <b>.0012001</b> | <b>-.004595</b> | <b>-.024481</b> | <b>-.010041</b> |
| #3 | <b>-.039254</b> | <b>-.600980</b> | <b>-.000338</b> | <b>-.002508</b> | <b>-.020297</b> | <b>-.011825</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0018511</b> |
| Stddev | .0000352        |
| %RSD   | 1.898837        |

|    |                 |
|----|-----------------|
| #1 | <b>.0018178</b> |
| #2 | <b>.0018879</b> |
| #3 | <b>.0018477</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2471.357</b> | <b>2594.604</b> | <b>55937.01</b> | <b>4912.614</b> | <b>4072.798</b> |
| Stddev    | 12.938          | 15.079          | 330.53          | 44.964          | 22.775          |
| %RSD      | .5235269        | .5811558        | .5908898        | .9152749        | .5592073        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2462.046</b> | <b>2585.923</b> | <b>55664.37</b> | <b>4864.985</b> | <b>4057.924</b> |
| #2 | <b>2465.893</b> | <b>2612.015</b> | <b>55842.04</b> | <b>4918.532</b> | <b>4099.017</b> |
| #3 | <b>2486.131</b> | <b>2585.873</b> | <b>56304.63</b> | <b>4954.327</b> | <b>4061.451</b> |

Sample Name: K1938-01      Acquired: 03/19/2019 12:40:09      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0176540 | -.001212 | .5526494 | .0035328 | .0013847 | 18.45644 |
| Stddev | .0014331 | .001524  | .0073018 | .0029655 | .0034206 | .04381   |
| %RSD   | 8.117657 | 125.7741 | 1.321243 | 83.94141 | 247.0260 | .2373658 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0173798 | .000548  | .5525724 | .0007851 | .0023270 | 18.49568 |
| #2 | .0163779 | -.002075 | .5453864 | .0031369 | .0042355 | 18.46446 |
| #3 | .0192044 | -.002109 | .5599895 | .0066762 | -.002408 | 18.40917 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.181501 | .0003079 | .0075565 | 584.1729 | .0249300 | .0062895 |
| Stddev | .005022  | .0000299 | .0002286 | .9562    | .0005539 | .0003245 |
| %RSD   | .4250173 | 9.723083 | 3.024682 | .1636900 | 2.221946 | 5.158690 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.187294 | .0003389 | .0074288 | 583.1035 | .0255323 | .0064557 |
| #2 | 1.178824 | .0002791 | .0074203 | 584.4695 | .0244424 | .0059156 |
| #3 | 1.178386 | .0003059 | .0078204 | 584.9457 | .0248152 | .0064972 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0911575 | 21.78263 | .5067439 | F 1595.732 | .0156476 | -.000275 |
| Stddev | .0032207 | .06902   | .0015685 | 3.413      | .0006209 | .000170  |
| %RSD   | 3.533126 | .3168723 | .3095345 | .2138561   | 3.968186 | 61.61153 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0942527 | 21.83330 | .5049390 | 1592.052 | .0149306 | -.000128 |
| #2 | .0913952 | 21.81058 | .5075154 | 1598.792 | .0160135 | -.000461 |
| #3 | .0878245 | 21.70401 | .5077773 | 1596.354 | .0159985 | -.000238 |

|        |            |          |          |            |          |          |
|--------|------------|----------|----------|------------|----------|----------|
| Elem   | Na8183     | V_2924   | Zn2138   | K_7698     | P_1774   | B_2496   |
| Units  | ppm        | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | F 13920.99 | .0220766 | .5904862 | F 627.1373 | 1.075596 | 5.674431 |
| Stddev | 97.02      | .0035988 | .0020883 | 2.1751     | .018078  | .064812  |
| %RSD   | .6969189   | 16.30158 | .3536592 | .3468295   | 1.680779 | 1.142170 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 13886.76 | .0179372 | .5926486 | 625.5798 | 1.073088 | 5.729576 |
| #2 | 13845.73 | .0238285 | .5884808 | 626.2096 | 1.058903 | 5.690675 |
| #3 | 14030.49 | .0244641 | .5903291 | 629.6224 | 1.094798 | 5.603043 |

Sample Name: K1938-01      Acquired: 03/19/2019 12:40:09      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0172582</b> | <b>1378.268</b> | <b>12.39436</b> | <b>.0512060</b> | <b>.1478522</b> | <b>.5366700</b> |
| Stddev | .0004241        | 16.981          | .13064          | .0010884        | .0106187        | .0613694        |
| %RSD   | 2.457218        | 1.232061        | 1.054036        | 2.125599        | 7.181935        | 11.43521        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0170916 | 1373.488 | 12.52296 | .0516808 | .1600786 | .4730148 |
| #2 | .0169427 | 1364.190 | 12.39836 | .0499608 | .1425404 | .5415308 |
| #3 | .0177403 | 1397.128 | 12.26177 | .0519764 | .1409377 | .5954644 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>9.178933</b> |
| Stddev | .186547         |
| %RSD   | 2.032337        |

|    |                 |
|----|-----------------|
| #1 | <b>9.148244</b> |
| #2 | <b>9.378922</b> |
| #3 | <b>9.009634</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2047.045</b> | <b>2092.572</b> | <b>45953.89</b> | <b>4430.258</b> | <b>2507.039</b> |
| Stddev    | 11.906          | 20.039          | 103.37          | 45.112          | 22.793          |
| %RSD      | .5816355        | .9576097        | .2249406        | 1.018262        | .9091457        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2034.003 | 2089.094 | 45835.64 | 4379.781 | 2505.420 |
| #2 | 2057.332 | 2114.122 | 46027.10 | 4444.356 | 2530.599 |
| #3 | 2049.800 | 2074.501 | 45998.93 | 4466.637 | 2485.100 |



Sample Name: PB118017BS      Acquired: 03/19/2019 12:44:13      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8393034 | 2.031806 | 1.002903 | 2.251865 | .8378862 | 2.034312 |
| Stddev | .0069588 | .012705  | .007808  | .020594  | .0052236 | .023949  |
| %RSD   | .8291130 | .6253205 | .7785471 | .9145398 | .6234256 | 1.177272 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8312927 | 2.017703 | .996812  | 2.242001 | .8340368 | 2.027586 |
| #2 | .8438534 | 2.035360 | 1.000192 | 2.238058 | .8357893 | 2.014446 |
| #3 | .8427640 | 2.042356 | 1.011705 | 2.275536 | .8438324 | 2.060906 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2030298 | .2007091 | .1986678 | 1.043872 | .4063739 | .2056432 |
| Stddev | .0012977 | .0010852 | .0015341 | .014131  | .0024171 | .0015862 |
| %RSD   | .6391677 | .5406765 | .7721974 | 1.353699 | .5948093 | .7713551 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2015377 | .1997149 | .1972429 | 1.033767 | .4084966 | .2043238 |
| #2 | .2036565 | .2005457 | .1984690 | 1.060020 | .4068820 | .2052026 |
| #3 | .2038953 | .2018668 | .2002917 | 1.037830 | .4037431 | .2074031 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3363320 | 3.217870 | .2109721 | 1.996195 | .5195680 | .0746531 |
| Stddev | .0023834 | .026248  | .0010308 | .096652  | .0054633 | .0010055 |
| %RSD   | .7086491 | .8156986 | .4886073 | 4.841810 | 1.051500 | 1.346843 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3359152 | 3.245348 | .2120762 | 2.058975 | .5139861 | .0750034 |
| #2 | .3388964 | 3.193055 | .2108052 | 2.044715 | .5198135 | .0754366 |
| #3 | .3341845 | 3.215208 | .2100349 | 1.884895 | .5249043 | .0735194 |

|        |            |          |          |            |          |          |
|--------|------------|----------|----------|------------|----------|----------|
| Elem   | Na8183     | V_2924   | Zn2138   | K_7698     | P_1774   | B_2496   |
| Units  | ppm        | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | F 4.632248 | .3144980 | .2186072 | F 12.32381 | 6.368204 | .3100501 |
| Stddev | .215218    | .0072264 | .0019101 | .15343     | .049756  | .0012984 |
| %RSD   | 4.646082   | 2.297753 | .8737521 | 1.245013   | .7813248 | .4187744 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.386121 | .3083415 | .2195817 | 12.18791 | 6.323682 | .3085774 |
| #2 | 4.725562 | .3126986 | .2198335 | 12.29331 | 6.359015 | .3105428 |
| #3 | 4.785061 | .3224541 | .2164064 | 12.49020 | 6.421914 | .3110300 |

Sample Name: PB118017BS      Acquired: 03/19/2019 12:44:13      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4051292 | .0101437 | .9457241 | .7121811 | .2038596 | .2216181 |
| Stddev | .0024942 | .0072042 | .0059049 | .0062843 | .0019727 | .0046625 |
| %RSD   | .6156576 | 71.02145 | .6243815 | .8823968 | .9676853 | 2.103842 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4028607 | .0169723 | .9398716 | .7054082 | .2022235 | .2163372 |
| #2 | .4047267 | .0026150 | .9456208 | .7133119 | .2060502 | .2233514 |
| #3 | .4078002 | .0108439 | .9516801 | .7178232 | .2033050 | .2251656 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1970171 |
| Stddev | .0010180 |
| %RSD   | .5167330 |

|    |          |
|----|----------|
| #1 | .1958869 |
| #2 | .1978622 |
| #3 | .1973022 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2639.992 | 2870.711 | 58466.30 | 5320.813 | 4303.252 |
| Stddev    | 29.559   | 13.590   | 572.08   | 30.952   | 23.075   |
| %RSD      | 1.119678 | .4733941 | .9784727 | .5817241 | .5362271 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2615.052 | 2883.453 | 58060.94 | 5350.620 | 4324.503 |
| #2 | 2632.282 | 2872.273 | 58217.28 | 5322.990 | 4306.545 |
| #3 | 2672.643 | 2856.408 | 59120.68 | 5288.830 | 4278.707 |

Sample Name: K1692-03      Acquired: 03/19/2019 12:51:34      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1720989 | -.005261 | .3545996 | .0083885 | .0094398 | 127.3202 |
| Stddev | .0094340 | .000832  | .0070465 | .0013715 | .0012627 | .9849    |
| %RSD   | 5.481724 | 15.81140 | 1.987156 | 16.35008 | 13.37630 | .7735559 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1614534 | -.005983 | .3535493 | .0089029 | .0100025 | 126.2406 |
| #2 | .1754202 | -.005448 | .3481373 | .0068342 | .0103233 | 128.1697 |
| #3 | .1794231 | -.004351 | .3621123 | .0094286 | .0079936 | 127.5501 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .5132288 | .0061698 | .0063706 | F 1659.638 | .1517151 | .1025659 |
| Stddev | .0028168 | .0000832 | .0000200 | 19.548     | .0005697 | .0006877 |
| %RSD   | .5488364 | 1.347707 | .3139095 | 1.177831   | .3755319 | .6705482 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5103720 | .0060980 | .0063835 | 1638.545 | .1517471 | .1027640 |
| #2 | .5160038 | .0062609 | .0063476 | 1663.225 | .1511300 | .1018008 |
| #3 | .5133105 | .0061506 | .0063807 | 1677.144 | .1522681 | .1031328 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3200378 | 212.7816 | 7.140587 | 386.7448 | .1966231 | -.012232 |
| Stddev | .0013525 | 1.8080   | .080193  | 3.3333   | .0018151 | .000331  |
| %RSD   | .4226069 | .8497004 | 1.123057 | .8618966 | .9231337 | 2.709474 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3188064 | 210.7122 | 7.049703 | 382.9637 | .1975963 | -.011951 |
| #2 | .3214854 | 214.0550 | 7.201390 | 388.0120 | .1945290 | -.012597 |
| #3 | .3198216 | 213.5777 | 7.170668 | 389.2586 | .1977441 | -.012146 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 28.97197 | .3224093 | .8927178 | 11.55082 | 7.158871 | -.075565 |
| Stddev | .31891   | .0038838 | .0031888 | .11492   | .052383  | .002521  |
| %RSD   | 1.100750 | 1.204632 | .3572056 | .9948713 | .7317244 | 3.336556 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 28.60700 | .3211668 | .8957543 | 11.42676 | 7.155475 | -.073125 |
| #2 | 29.11199 | .3267623 | .8893958 | 11.65363 | 7.108269 | -.075410 |
| #3 | 29.19691 | .3192987 | .8930033 | 11.57206 | 7.212870 | -.078160 |

Sample Name: K1692-03      Acquired: 03/19/2019 12:51:34      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0052785</b> | <b>5.374693</b> | <b>2.307197</b> | <b>.0160030</b> | <b>2.835175</b> | <b>.2323566</b> |
| Stddev | .0003483        | .072269         | .036031         | .0014729        | .013966         | .0057940        |
| %RSD   | 6.598036        | 1.344624        | 1.561663        | 9.203907        | .4925818        | 2.493561        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0051675 | 5.384050 | 2.317200 | .0174847 | 2.819539 | .2256699 |
| #2 | .0049992 | 5.298202 | 2.337169 | .0145391 | 2.846409 | .2355124 |
| #3 | .0056687 | 5.441829 | 2.267222 | .0159852 | 2.839577 | .2358877 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>5.609934</b> |
| Stddev | .031379         |
| %RSD   | .5593411        |

|    |                 |
|----|-----------------|
| #1 | <b>5.592862</b> |
| #2 | <b>5.590793</b> |
| #3 | <b>5.646147</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2722.607</b> | <b>2899.778</b> | <b>63347.31</b> | <b>5907.041</b> | <b>3349.421</b> |
| Stddev    | .244            | 18.902          | 103.35          | 52.793          | 25.416          |
| %RSD      | .0089649        | .6518397        | .1631461        | .8937265        | .7588144        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2722.880 | 2891.253 | 63451.33 | 5967.170 | 3337.798 |
| #2 | 2722.411 | 2921.441 | 63345.94 | 5885.662 | 3378.570 |
| #3 | 2722.530 | 2886.640 | 63244.65 | 5868.291 | 3331.895 |

Sample Name: K1693-09      Acquired: 03/19/2019 12:55:25      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0179419 | .0003266 | .2028325 | .0106386 | .0062550 | 113.4419 | .4177797 |
| Stddev | .0005993 | .0019939 | .0053523 | .0037141 | .0028183 | 1.7720   | .0053567 |
| %RSD   | 3.340335 | 610.4466 | 2.638775 | 34.91171 | 45.05699 | 1.561995 | 1.282186 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0183801 | -.001850 | .2036767 | .0067188 | .0030340 | 112.3900 | .4150649 |
| #2 | .0181866 | .000765  | .1971083 | .0110915 | .0074632 | 112.4481 | .4143239 |
| #3 | .0172589 | .002065  | .2077125 | .0141054 | .0082678 | 115.4877 | .4239502 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060717 | .0033160 | 85.42277 | .1674572 | .1084004 | .2665027 | 233.0497 |
| Stddev | .0000677 | .0000624 | 1.39044  | .0012651 | .0009428 | .0014469 | 3.1025   |
| %RSD   | 1.115871 | 1.881202 | 1.627712 | .7554676 | .8697742 | .5429175 | 1.331245 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0061156 | .0033871 | 84.62517 | .1683127 | .1082450 | .2680495 | 231.4077 |
| #2 | .0061059 | .0032905 | 84.61483 | .1680549 | .1075449 | .2651824 | 231.1134 |
| #3 | .0059937 | .0032705 | 87.02829 | .1660040 | .1094113 | .2662761 | 236.6281 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.292967 | 60.14593 | .1887619 | -.011647 | 8.594773 | .3406339 | .4943435 |
| Stddev | .053326  | .56999   | .0016538 | .000275  | .083968  | .0091399 | .0058733 |
| %RSD   | 1.619377 | .9476856 | .8761481 | 2.358587 | .9769686 | 2.683217 | 1.188107 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.260930 | 59.91512 | .1889750 | -.011942 | 8.514665 | .3424157 | .4945507 |
| #2 | 3.263446 | 59.72755 | .1870119 | -.011599 | 8.587522 | .3307342 | .5001104 |
| #3 | 3.354524 | 60.79514 | .1902989 | -.011399 | 8.682132 | .3487517 | .4883692 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.178308 | 6.226265 | .0732416 | .0025317 | 3.006925 | 2.381574 | .0063234 |
| Stddev | .099983  | .074870  | .0069767 | .0001224 | .029293  | .049556  | .0008278 |
| %RSD   | 1.089341 | 1.202486 | 9.525648 | 4.836374 | .9741990 | 2.080814 | 13.09184 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.157398 | 6.215188 | .0712690 | .0024213 | 2.997168 | 2.383036 | .0053734 |
| #2 | 9.090434 | 6.157551 | .0674635 | .0025105 | 2.983755 | 2.331303 | .0068909 |
| #3 | 9.287093 | 6.306056 | .0809922 | .0026634 | 3.039852 | 2.430383 | .0067056 |

Sample Name: K1693-09      Acquired: 03/19/2019 12:55:25      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>3.374857</b> | <b>.1366957</b> | <b>.2006975</b> |
| Stddev | .045644         | .0019899        | .0019415        |
| %RSD   | 1.352463        | 1.455720        | .9673933        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>3.369549</b> | <b>.1346923</b> | <b>.1999698</b> |
| #2 | <b>3.332099</b> | <b>.1367229</b> | <b>.1992250</b> |
| #3 | <b>3.422922</b> | <b>.1386718</b> | <b>.2028978</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2975.241</b> | <b>3221.415</b> | <b>66768.92</b> | <b>6122.537</b> | <b>4175.530</b> |
| Stddev    | 41.740          | 29.150          | 523.40          | 35.451          | 43.840          |
| %RSD      | 1.402928        | .9048807        | .7839032        | .5790205        | 1.049930        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3007.982</b> | <b>3231.653</b> | <b>67195.32</b> | <b>6160.654</b> | <b>4193.217</b> |
| #2 | <b>2928.239</b> | <b>3244.065</b> | <b>66184.79</b> | <b>6116.404</b> | <b>4207.764</b> |
| #3 | <b>2989.502</b> | <b>3188.527</b> | <b>66926.64</b> | <b>6090.553</b> | <b>4125.609</b> |

Sample Name: K1693-11      Acquired: 03/19/2019 12:59:09      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0260802</b> | <b>-.001572</b> | <b>.1645633</b> | <b>.0095415</b> | <b>.0070355</b> | <b>136.8527</b> | <b>.6253574</b> |
| Stddev | .0058627        | .003985         | .0025547        | .0008914        | .0005801        | .5538           | .0025106        |
| %RSD   | 22.47956        | 253.4513        | 1.552421        | 9.341888        | 8.245797        | .4046460        | .4014692        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0323805 | .000675  | .1670681 | .0104713 | .0076891 | 137.3312 | .6280339 |
| #2 | .0250750 | .000781  | .1619614 | .0094589 | .0068359 | 136.9807 | .6249839 |
| #3 | .0207851 | -.006173 | .1646605 | .0086943 | .0065815 | 136.2461 | .6230545 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0064641</b> | <b>.0041537</b> | <b>193.7798</b> | <b>.1330179</b> | <b>.1303221</b> | <b>.3641780</b> | <b>254.0435</b> |
| Stddev | .0002222        | .0003320        | 1.3545          | .0011844        | .0029678        | .0042242        | 2.0237          |
| %RSD   | 3.438098        | 7.993415        | .6989924        | .8904139        | 2.277267        | 1.159921        | .7965886        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0067048 | .0042155 | 194.2669 | .1343788 | .1315667 | .3674632 | 255.1326 |
| #2 | .0064211 | .0037951 | 194.8235 | .1322198 | .1269347 | .3656577 | 255.2894 |
| #3 | .0062666 | .0044505 | 192.2491 | .1324551 | .1324650 | .3594130 | 251.7085 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.884377</b> | <b>64.85405</b> | <b>.2021404</b> | <b>-.013452</b> | <b>10.22272</b> | <b>.4359953</b> | <b>.5003283</b> |
| Stddev | .017102         | .66656          | .0045142        | .000315         | .19043          | .0049288        | .0036848        |
| %RSD   | .4402806        | 1.027789        | 2.233198        | 2.339871        | 1.862832        | 1.130463        | .7364801        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.901858 | 65.18223 | .2039774 | -.013509 | 10.41421 | .4400489 | .5008956 |
| #2 | 3.883592 | 65.29289 | .1969973 | -.013734 | 10.22059 | .4305089 | .5036966 |
| #3 | 3.867681 | 64.08702 | .2054464 | -.013112 | 10.03337 | .4374282 | .4963927 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>8.688180</b> | <b>6.876293</b> | <b>-.020487</b> | <b>.0038900</b> | <b>3.976820</b> | <b>2.680713</b> | <b>.0057023</b> |
| Stddev | .051901         | .162750         | .005099         | .0002408        | .093925         | .035779         | .0005894        |
| %RSD   | .5973750        | 2.366821        | 24.88999        | 6.189301        | 2.361815        | 1.334697        | 10.33674        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.685082 | 6.983690 | -.025848 | .0037024 | 4.025425 | 2.713551 | .0053151 |
| #2 | 8.741560 | 6.689040 | -.015698 | .0038060 | 3.868553 | 2.686006 | .0063807 |
| #3 | 8.637897 | 6.956149 | -.019914 | .0041615 | 4.036483 | 2.642582 | .0054112 |

Sample Name: K1693-11      Acquired: 03/19/2019 12:59:09      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>3.449063</b> | <b>.1328925</b> | <b>.6637772</b> |
| Stddev | .025127         | .0017040        | .0032121        |
| %RSD   | .7285251        | 1.282227        | .4839048        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>3.472670</b> | <b>.1346357</b> | <b>.6659369</b> |
| #2 | <b>3.451866</b> | <b>.1328112</b> | <b>.6653086</b> |
| #3 | <b>3.422651</b> | <b>.1312306</b> | <b>.6600860</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2968.120</b> | <b>3245.047</b> | <b>67002.85</b> | <b>6243.133</b> | <b>4058.487</b> |
| Stddev    | 12.203          | 36.782          | 78.57           | 29.829          | 64.567          |
| %RSD      | .4111243        | 1.133478        | .1172607        | .4777863        | 1.590910        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2977.505</b> | <b>3229.128</b> | <b>66997.15</b> | <b>6214.873</b> | <b>4027.206</b> |
| #2 | <b>2954.326</b> | <b>3287.107</b> | <b>67084.12</b> | <b>6274.316</b> | <b>4132.737</b> |
| #3 | <b>2972.531</b> | <b>3218.906</b> | <b>66927.29</b> | <b>6240.210</b> | <b>4015.518</b> |



Sample Name: K1914-02      Acquired: 03/19/2019 13:02:50      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CONCRETE-PIL Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003016 | -.002468 | .0020127 | .0033776 | .0008359 | .0997842 | .0835295 |
| Stddev | .0055095 | .000618  | .0010644 | .0020004 | .0006419 | .0039372 | .0007649 |
| %RSD   | 1826.699 | 25.02966 | 52.88546 | 59.22475 | 76.78925 | 3.945718 | .9156732 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0063923 | -.003082 | .0032418 | .0048393 | .0014795 | .0955380 | .0827952 |
| #2 | -.004335 | -.002475 | .0013887 | .0041956 | .0001957 | .1005008 | .0843217 |
| #3 | -.001152 | -.001846 | .0014077 | .0010979 | .0008324 | .1033140 | .0834716 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000260 | .0000246 | 141.8667 | .0189022 | -.001828 | .0000552 | .0102199 |
| Stddev | .000017  | .0000072 | 2.4936   | .0007062 | .000069  | .0034572 | .0178407 |
| %RSD   | 6.669974 | 29.25855 | 1.757676 | 3.735850 | 3.759548 | 6265.679 | 174.5684 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000280 | .0000312 | 139.0071 | .0180918 | -.001754 | .0016656 | -.000240 |
| #2 | -.000250 | .0000169 | 143.0052 | .0193858 | -.001840 | -.003913 | .000080  |
| #3 | -.000250 | .0000257 | 143.5878 | .0192288 | -.001891 | .002413  | .030820  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026553 | .1455763 | .0003306 | .0007305 | 277.4569 | .0007219 | .0041365 |
| Stddev | .0007938 | .0403960 | .0001502 | .0003808 | 3.2898   | .0023520 | .0000579 |
| %RSD   | 29.89495 | 27.74899 | 45.43667 | 52.12264 | 1.185681 | 325.8124 | 1.399264 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0031149 | .0992957 | .0002873 | .0011628 | 273.7433 | -.001904 | .0041960 |
| #2 | .0017387 | .1737578 | .0002068 | .0005838 | 278.6211 | .002635  | .0040805 |
| #3 | .0031123 | .1636753 | .0004978 | .0004449 | 280.0062 | .001435  | .0041329 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.638382 | .0007103 | .0188773 | .0013350 | 3.660872 | 2.880047 | -.005113 |
| Stddev | .067980  | .0024586 | .0002456 | .0001091 | .050020  | .034799  | .000497  |
| %RSD   | 4.149218 | 346.1208 | 1.301166 | 8.170586 | 1.366342 | 1.208275 | 9.722643 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.579702 | .0032673 | .0186029 | .0012120 | 3.635790 | 2.839877 | -.005191 |
| #2 | 1.622569 | .0005003 | .0190768 | .0013730 | 3.628355 | 2.900997 | -.005566 |
| #3 | 1.712875 | -.001637 | .0189521 | .0014200 | 3.718470 | 2.899267 | -.004581 |

Sample Name: K1914-02      Acquired: 03/19/2019 13:02:50      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CONCRETE-PIL Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.005019</b> | <b>.0117736</b> | <b>1.260584</b> |
| Stddev | .001218         | .0009983        | .005257         |
| %RSD   | 24.25836        | 8.479321        | .4170256        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.006342</b> | <b>.0124798</b> | <b>1.255522</b> |
| #2 | <b>-.003945</b> | <b>.0106315</b> | <b>1.260216</b> |
| #3 | <b>-.004770</b> | <b>.0122096</b> | <b>1.266016</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2539.646</b> | <b>2744.202</b> | <b>57738.88</b> | <b>5357.161</b> | <b>4005.387</b> |
| Stddev    | 5.039           | 26.833          | 252.26          | 44.585          | 35.275          |
| %RSD      | .1984154        | .9777984        | .4369009        | .8322491        | .8806882        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2534.297</b> | <b>2754.645</b> | <b>57999.18</b> | <b>5406.842</b> | <b>4021.548</b> |
| #2 | <b>2544.304</b> | <b>2764.244</b> | <b>57721.95</b> | <b>5320.629</b> | <b>4029.686</b> |
| #3 | <b>2540.336</b> | <b>2713.718</b> | <b>57495.51</b> | <b>5344.014</b> | <b>3964.927</b> |

Sample Name: K1921-04      Acquired: 03/19/2019 13:06:40      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 282-346      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001579</b> | <b>-.002945</b> | <b>.0309186</b> | <b>.0049473</b> | <b>-.000484</b> | <b>.0555921</b> | <b>.1351773</b> |
| Stddev | .004467         | .001188         | .0013146        | .0011686        | .002163         | .0115499        | .0004419        |
| %RSD   | 282.9185        | 40.33987        | 4.251922        | 23.62106        | 446.5858        | 20.77615        | .3268849        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000993</b> | <b>-.004315</b> | <b>.0314745</b> | <b>.0037810</b> | <b>-.001502</b> | <b>.0618126</b> | <b>.1356854</b> |
| #2 | <b>.002566</b>  | <b>-.002331</b> | <b>.0318639</b> | <b>.0049427</b> | <b>-.001951</b> | <b>.0626985</b> | <b>.1348835</b> |
| #3 | <b>-.006310</b> | <b>-.002191</b> | <b>.0294173</b> | <b>.0061182</b> | <b>.002000</b>  | <b>.0422652</b> | <b>.1349629</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000131</b> | <b>.0006606</b> | <b>10.66819</b> | <b>.0007861</b> | <b>.0065798</b> | <b>.0113874</b> | <b>.0936199</b> |
| Stddev | .000077         | .0000689        | .08277          | .0002625        | .0000858        | .0035755        | .0035255        |
| %RSD   | 58.22182        | 10.42948        | .7758821        | 33.39361        | 1.303621        | 31.39818        | 3.765797        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000121</b> | <b>.0007344</b> | <b>10.60981</b> | <b>.0004835</b> | <b>.0064949</b> | <b>.0087290</b> | <b>.0903609</b> |
| #2 | <b>-.000061</b> | <b>.0006493</b> | <b>10.63185</b> | <b>.0009526</b> | <b>.0066664</b> | <b>.0099811</b> | <b>.0931365</b> |
| #3 | <b>-.000213</b> | <b>.0005980</b> | <b>10.76292</b> | <b>.0009223</b> | <b>.0065783</b> | <b>.0154522</b> | <b>.0973621</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4719384</b> | <b>2.422136</b> | <b>.0105138</b> | <b>.0003415</b> | <b>289.4512</b> | <b>-.005184</b> | <b>.2384424</b> |
| Stddev | .0055501        | .126770         | .0000547        | .0002511        | 1.5907          | .007071         | .0022000        |
| %RSD   | 1.176014        | 5.233802        | .5197667        | 73.51877        | .5495466        | 136.3933        | .9226485        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.4672205</b> | <b>2.279656</b> | <b>.0104575</b> | <b>.0006145</b> | <b>287.9769</b> | <b>-.005923</b> | <b>.2377107</b> |
| #2 | <b>.4705410</b> | <b>2.464303</b> | <b>.0105666</b> | <b>.0002894</b> | <b>289.2396</b> | <b>-.011857</b> | <b>.2409151</b> |
| #3 | <b>.4780536</b> | <b>2.522449</b> | <b>.0105174</b> | <b>.0001206</b> | <b>291.1371</b> | <b>.002227</b>  | <b>.2367016</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3947700</b> | <b>.0068093</b> | <b>.0063203</b> | <b>-.000122</b> | <b>.1138967</b> | <b>.3829385</b> | <b>-.001658</b> |
| Stddev | .0127386        | .0032998        | .0009537        | .000250         | .0017239        | .0007970        | .000802         |
| %RSD   | 3.226834        | 48.46042        | 15.08961        | 205.9413        | 1.513578        | .2081404        | 48.38658        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.3971921</b> | <b>.0055682</b> | <b>.0066874</b> | <b>.000139</b>  | <b>.1138487</b> | <b>.3838357</b> | <b>-.001420</b> |
| #2 | <b>.4061237</b> | <b>.0105497</b> | <b>.0052376</b> | <b>-.000361</b> | <b>.1121974</b> | <b>.3826674</b> | <b>-.002552</b> |
| #3 | <b>.3809943</b> | <b>.0043100</b> | <b>.0070360</b> | <b>-.000142</b> | <b>.1156442</b> | <b>.3823124</b> | <b>-.001001</b> |

Sample Name: K1921-04      Acquired: 03/19/2019 13:06:40      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 282-346      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001739</b> | <b>.0035476</b> | <b>.0428588</b> |
| Stddev | .001250         | .0023632        | .0000500        |
| %RSD   | 71.86049        | 66.61438        | .1166235        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002971</b> | <b>.0012715</b> | <b>.0428404</b> |
| #2 | <b>-.000472</b> | <b>.0059893</b> | <b>.0428206</b> |
| #3 | <b>-.001775</b> | <b>.0033821</b> | <b>.0429153</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2583.804</b> | <b>2786.583</b> | <b>58421.79</b> | <b>5334.160</b> | <b>4087.002</b> |
| Stddev    | 21.816          | 21.782          | 223.30          | 12.022          | 32.939          |
| %RSD      | .8443372        | .7816867        | .3822268        | .2253826        | .8059418        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2583.508</b> | <b>2795.830</b> | <b>58315.07</b> | <b>5327.010</b> | <b>4102.429</b> |
| #2 | <b>2562.138</b> | <b>2802.217</b> | <b>58271.88</b> | <b>5327.430</b> | <b>4109.395</b> |
| #3 | <b>2605.767</b> | <b>2761.703</b> | <b>58678.43</b> | <b>5348.040</b> | <b>4049.180</b> |

Sample Name: PB118015BS      Acquired: 03/19/2019 13:14:40      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7387719</b> | <b>1.830359</b> | <b>.8995153</b> | <b>1.857215</b> | <b>.7401223</b> | <b>1.809944</b> | <b>.1791906</b> |
| Stddev | .0074240        | .012166         | .0121925        | .023796         | .0079583        | .014951         | .0006220        |
| %RSD   | 1.004910        | .6646922        | 1.355450        | 1.281278        | 1.075271        | .8260354        | .3470930        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7307644 | 1.821881 | .8923471 | 1.845400 | .7365004 | 1.818446 | .1798826 |
| #2 | .7401251 | 1.824896 | .8926057 | 1.841639 | .7346191 | 1.792681 | .1790111 |
| #3 | .7454262 | 1.844299 | .9135932 | 1.884607 | .7492473 | 1.818705 | .1786781 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1756753</b> | <b>.1755872</b> | <b>1.014537</b> | <b>.3661235</b> | <b>.1847846</b> | <b>.2935010</b> | <b>2.836808</b> |
| Stddev | .0003549        | .0023834        | .009075         | .0039544        | .0024406        | .0022229        | .021654         |
| %RSD   | .2020219        | 1.357372        | .8944495        | 1.080069        | 1.320752        | .7573586        | .7633296        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1754196 | .1743426 | 1.023273 | .3615587 | .1839958 | .2937954 | 2.846095 |
| #2 | .1760805 | .1740838 | 1.015179 | .3685023 | .1828361 | .2911455 | 2.812059 |
| #3 | .1755259 | .1783352 | 1.005159 | .3683094 | .1875221 | .2955619 | 2.852269 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1872301</b> | <b>1.775929</b> | <b>.4675377</b> | <b>.0673004</b> | <b>2.948513</b> | <b>.2750632</b> | <b>.1934521</b> |
| Stddev | .0020914        | .056005         | .0051763        | .0007204        | .451231         | .0049614        | .0017485        |
| %RSD   | 1.117018        | 3.153546        | 1.107145        | 1.070349        | 15.30367        | 1.803740        | .9038248        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1885842 | 1.839861 | .4643995 | .0669054 | 2.982895 | .2794184 | .1925083 |
| #2 | .1848214 | 1.735536 | .4647014 | .0681319 | 3.381569 | .2696622 | .1923783 |
| #3 | .1882847 | 1.752389 | .4735123 | .0668640 | 2.481074 | .2761088 | .1954696 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>9.220616</b> | <b>5.749160</b> | <b>.2623260</b> | <b>.3621394</b> | <b>.0023685</b> | <b>.8581145</b> | <b>.6389957</b> |
| Stddev | .034830         | .059344         | .0016265        | .0043036        | .0027878        | .0018796        | .0076755        |
| %RSD   | .3777365        | 1.032220        | .6200436        | 1.188392        | 117.7013        | .2190410        | 1.201174        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.213926 | 5.725218 | .2606303 | .3614823 | .0013771 | .8582821 | .6344770 |
| #2 | 9.189616 | 5.705527 | .2638732 | .3582021 | .0055165 | .8599048 | .6346521 |
| #3 | 9.258305 | 5.816735 | .2624746 | .3667338 | .0002120 | .8561568 | .6478580 |

Sample Name: PB118015BS      Acquired: 03/19/2019 13:14:40      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1797048</b> | <b>.1752655</b> | <b>.1732122</b> |
| Stddev | .0018417        | .0021199        | .0007297        |
| %RSD   | 1.024857        | 1.209534        | .4212943        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1793903</b> | <b>.1735378</b> | <b>.1736704</b> |
| #2 | <b>.1816836</b> | <b>.1746275</b> | <b>.1723707</b> |
| #3 | <b>.1780407</b> | <b>.1776311</b> | <b>.1735956</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2573.008</b> | <b>2840.601</b> | <b>56998.44</b> | <b>5252.417</b> | <b>4244.511</b> |
| Stddev    | 7.018           | 17.035          | 203.49          | 35.723          | 25.395          |
| %RSD      | .2727367        | .5996912        | .3570086        | .6801205        | .5983103        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2567.662</b> | <b>2839.687</b> | <b>57002.50</b> | <b>5212.150</b> | <b>4253.254</b> |
| #2 | <b>2580.954</b> | <b>2858.075</b> | <b>56792.95</b> | <b>5264.800</b> | <b>4264.380</b> |
| #3 | <b>2570.407</b> | <b>2824.042</b> | <b>57199.87</b> | <b>5280.300</b> | <b>4215.899</b> |

Sample Name: CCV02      Acquired: 03/19/2019 13:19:45      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCV14703      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.111157 | 5.091722 | 4.970977 | 5.002144 | 5.157442 | 9.917253 |
| Stddev | .048316  | .041866  | .047162  | .048666  | .047723  | .162294  |
| %RSD   | .9453031 | .8222323 | .9487493 | .9728948 | .9253184 | 1.636478 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.077616 | 5.056654 | 4.934665 | 4.971737 | 5.126211 | 10.09316 |
| #2 | 5.089318 | 5.080438 | 4.953986 | 4.976421 | 5.133739 | 9.88527  |
| #3 | 5.166537 | 5.138073 | 5.024281 | 5.058273 | 5.212376 | 9.77333  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.21632 | .2373430 | 2.378548 | 24.89722 | .9746547 | 2.504765 |
| Stddev | .17869   | .0037056 | .017370  | .39977   | .0074800 | .021981  |
| %RSD   | 1.749043 | 1.561265 | .7302646 | 1.605692 | .7674534 | .8775477 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.40389 | .2415604 | 2.371923 | 25.34790 | .9829627 | 2.491954 |
| #2 | 10.19699 | .2358602 | 2.365465 | 24.75840 | .9684552 | 2.492196 |
| #3 | 10.04808 | .2346085 | 2.398255 | 24.58537 | .9725463 | 2.530146 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.277531 | 4.878124 | 2.505933 | 24.01764 | 2.513774 | 1.241160 |
| Stddev | .023621  | .146716  | .044720  | .43606   | .022757  | .008900  |
| %RSD   | 1.848984 | 3.007634 | 1.784547 | 1.815594 | .9052931 | .7170315 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.304087 | 5.047407 | 2.556126 | 24.50678 | 2.499300 | 1.251418 |
| #2 | 1.269645 | 4.799244 | 2.491340 | 23.87657 | 2.502018 | 1.235503 |
| #3 | 1.258862 | 4.787722 | 2.470332 | 23.66958 | 2.540005 | 1.236559 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 24.88552 | 2.500557 | 2.526463 | 25.17091 | F 5.507594 | 4.817280 |
| Stddev | .46905   | .041768  | .019493  | .42296   | .051564    | .077938  |
| %RSD   | 1.884825 | 1.670345 | .7715343 | 1.680349 | .9362346   | 1.617888 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 25.23663 | 2.545843 | 2.548853 | 25.62180 | 5.465304 | 4.904655 |
| #2 | 25.06710 | 2.492281 | 2.513272 | 25.10799 | 5.492441 | 4.792264 |
| #3 | 24.35283 | 2.463546 | 2.517264 | 24.78293 | 5.565037 | 4.754922 |

Sample Name: CCV02      Acquired: 03/19/2019 13:19:45      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCV14703      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.940489 | 4.956997 | 4.737487 | 4.929429 | 5.006972 | 4.923442 |
| Stddev | .046965  | .032398  | .089595  | .041271  | .090269  | .083292  |
| %RSD   | .9506162 | .6535832 | 1.891188 | .8372360 | 1.802858 | 1.691737 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.907146 | 4.932371 | 4.838427 | 4.899697 | 5.104650 | 5.012383 |
| #2 | 4.920123 | 4.944921 | 4.706657 | 4.912040 | 4.989641 | 4.910668 |
| #3 | 4.994200 | 4.993699 | 4.667379 | 4.976548 | 4.926625 | 4.847275 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.862801 |
| Stddev | .087832  |
| %RSD   | 1.806205 |

|    |          |
|----|----------|
| #1 | 4.948874 |
| #2 | 4.866219 |
| #3 | 4.773309 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2599.508 | 2792.972 | 57497.66 | 5271.536 | 4102.879 |
| Stddev    | 10.881   | 17.511   | 113.05   | 50.764   | 22.491   |
| %RSD      | .4185771 | .6269801 | .1966227 | .9629896 | .5481838 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2590.017 | 2798.783 | 57433.41 | 5214.890 | 4104.723 |
| #2 | 2611.383 | 2806.839 | 57628.20 | 5286.803 | 4124.391 |
| #3 | 2597.122 | 2773.294 | 57431.38 | 5312.914 | 4079.522 |



Sample Name: CCB02      Acquired: 03/19/2019 13:23:16      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCB14703      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0040836 | -.001056 | .0009714 | .0045617 | -.001846 | -.022791 | -.004218 |
| Stddev | .0015044 | .001001  | .0002520 | .0037124 | .001822  | .004670  | .000220  |
| %RSD   | 36.83955 | 94.82053 | 25.94064 | 81.38218 | 98.70296 | 20.49173 | 5.207004 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0026488 | -.002195 | .0008087 | .0002750 | -.002101 | -.027730 | -.004197 |
| #2 | .0039530 | -.000316 | .0008438 | .0067228 | -.003526 | -.022196 | -.004010 |
| #3 | .0056491 | -.000656 | .0012616 | .0066874 | .000090  | -.018447 | -.004448 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000667 | -.000051 | .0113339 | -.000176 | -.000149 | -.001668 | -.011432 |
| Stddev | .0000458 | .000086  | .0141642 | .000480  | .000280  | .004342  | .014620  |
| %RSD   | 68.59930 | 168.1485 | 124.9713 | 271.9373 | 187.4985 | 260.3820 | 127.8830 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000406 | -.000144 | -.004226 | -.000574 | .000039  | -.004569 | -.028310 |
| #2 | .0001196 | .000026  | .023478  | .000356  | -.000471 | .003324  | -.002696 |
| #3 | .0000400 | -.000035 | .014750  | -.000312 | -.000016 | -.003758 | -.003291 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011240 | .0636368 | -.000037 | .0007586 | -.298910 | -.004672 | -.000720 |
| Stddev | .0021077 | .1151118 | .000358  | .0007017 | .300808  | .005049  | .000413  |
| %RSD   | 187.5150 | 180.8885 | 960.9697 | 92.49658 | 100.6348 | 108.0566 | 57.34377 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004780 | -.048521 | -.000071 | .0003400 | -.361211 | -.009119 | -.000661 |
| #2 | -.000585 | .057940  | -.000377 | .0003672 | .028170  | -.005714 | -.001159 |
| #3 | .003479  | .181491  | .000337  | .0015687 | -.563689 | .000816  | -.000339 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0566844 | -.004981 | .0075330 | .0002895 | -.005124 | -.002220 | -.000778 |
| Stddev | .0448875 | .002383  | .0007273 | .0002827 | .002753  | .000428  | .000559  |
| %RSD   | 79.18838 | 47.83330 | 9.655057 | 97.65447 | 53.72854 | 19.29357 | 71.86085 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0416959 | -.005967 | .0077183 | -.000018 | -.002043 | -.001729 | -.000201 |
| #2 | .0212090 | -.002264 | .0081497 | .000347  | -.007343 | -.002413 | -.001317 |
| #3 | .1071483 | -.006712 | .0067310 | .000539  | -.005987 | -.002518 | -.000817 |

Sample Name: CCB02      Acquired: 03/19/2019 13:23:16      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCB14703      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000402</b> | <b>.0018281</b> | <b>.0000292</b> |
| Stddev | .001465         | .0024687        | .0000896        |
| %RSD   | 364.1947        | 135.0442        | 306.3940        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .001146  | -.000894 | -.000073 |
| #2 | -.001767 | .002455  | .000094  |
| #3 | -.000586 | .003923  | .000067  |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2621.857</b> | <b>2844.082</b> | <b>57886.12</b> | <b>5235.417</b> | <b>4212.212</b> |
| Stddev    | 10.383          | 25.486          | 469.41          | 25.984          | 36.730          |
| %RSD      | .3960231        | .8961022        | .8109173        | .4963207        | .8719847        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2613.362 | 2857.096 | 57516.32 | 5220.210 | 4237.365 |
| #2 | 2633.432 | 2860.434 | 58414.21 | 5265.420 | 4229.208 |
| #3 | 2618.776 | 2814.717 | 57727.83 | 5220.620 | 4170.062 |

Sample Name: K1687-10      Acquired: 03/19/2019 13:27:08      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: HR-05-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001343</b> | <b>-.002685</b> | <b>.0075329</b> | <b>.0065546</b> | <b>-.000224</b> | <b>.0688976</b> | <b>.0990299</b> |
| Stddev | .003333         | .001049         | .0018954        | .0014307        | .000372         | .0187374        | .0001824        |
| %RSD   | 248.1877        | 39.06686        | 25.16176        | 21.82762        | 165.6590        | 27.19596        | .1842044        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000837</b> | <b>-.003264</b> | <b>.0078377</b> | <b>.0073985</b> | <b>-.000532</b> | <b>.0511537</b> | <b>.0989611</b> |
| #2 | <b>-.004900</b> | <b>-.001474</b> | <b>.0092574</b> | <b>.0073627</b> | <b>.000189</b>  | <b>.0884912</b> | <b>.0992367</b> |
| #3 | <b>.001708</b>  | <b>-.003317</b> | <b>.0055035</b> | <b>.0049027</b> | <b>-.000330</b> | <b>.0670477</b> | <b>.0988919</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000150</b> | <b>.0002854</b> | <b>34.40128</b> | <b>.0013796</b> | <b>.0020849</b> | <b>.0094786</b> | <b>.0269493</b> |
| Stddev | .000059         | .0000872        | .53992          | .0001053        | .0001557        | .0041985        | .0032883        |
| %RSD   | 39.45099        | 30.54464        | 1.569489        | 7.635501        | 7.468805        | 44.29447        | 12.20168        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000154</b> | <b>.0002131</b> | <b>34.54736</b> | <b>.0014758</b> | <b>.0022527</b> | <b>.0132269</b> | <b>.0282212</b> |
| #2 | <b>-.000208</b> | <b>.0003822</b> | <b>33.80335</b> | <b>.0012670</b> | <b>.0020569</b> | <b>.0102671</b> | <b>.0232150</b> |
| #3 | <b>-.000090</b> | <b>.0002609</b> | <b>34.85314</b> | <b>.0013962</b> | <b>.0019451</b> | <b>.0049418</b> | <b>.0294116</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5952750</b> | <b>1.231597</b> | <b>.0037312</b> | <b>.0005991</b> | <b>260.7469</b> | <b>-.002241</b> | <b>.0216106</b> |
| Stddev | .0114557        | .047362         | .0002450        | .0001042        | 2.6743          | .013815         | .0001283        |
| %RSD   | 1.924433        | 3.845555        | 6.566728        | 17.38959        | 1.025646        | 616.5917        | .5938036        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.5935614</b> | <b>1.248585</b> | <b>.0035451</b> | <b>.0006156</b> | <b>260.9460</b> | <b>-.005183</b> | <b>.0214625</b> |
| #2 | <b>.5847726</b> | <b>1.178084</b> | <b>.0036396</b> | <b>.0004876</b> | <b>257.9786</b> | <b>-.014347</b> | <b>.0216888</b> |
| #3 | <b>.6074909</b> | <b>1.268121</b> | <b>.0040088</b> | <b>.0006940</b> | <b>263.3162</b> | <b>.012809</b>  | <b>.0216805</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5724257</b> | <b>.0012557</b> | <b>.0103270</b> | <b>.0000319</b> | <b>.3941581</b> | <b>1.109785</b> | <b>-.001856</b> |
| Stddev | .1050044        | .0015156        | .0005881        | .0000614        | .0103714        | .011445         | .000854         |
| %RSD   | 18.34376        | 120.7038        | 5.694617        | 192.4859        | 2.631273        | 1.031302        | 46.04418        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.4527901</b> | <b>.0026626</b> | <b>.0104634</b> | <b>.0000560</b> | <b>.3873398</b> | <b>1.098336</b> | <b>-.002552</b> |
| #2 | <b>.6151728</b> | <b>.0014537</b> | <b>.0108349</b> | <b>.0000776</b> | <b>.3890408</b> | <b>1.109791</b> | <b>-.002113</b> |
| #3 | <b>.6493143</b> | <b>-.000349</b> | <b>.0096827</b> | <b>-.000038</b> | <b>.4060936</b> | <b>1.121227</b> | <b>-.000902</b> |

Sample Name: K1687-10      Acquired: 03/19/2019 13:27:08      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: HR-05-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000552</b> | <b>.0020175</b> | <b>.1852798</b> |
| Stddev | .000642         | .0027386        | .0009968        |
| %RSD   | 116.2827        | 135.7454        | .5380035        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000181  | -.000909 | .1843232 |
| #2 | -.001013 | .002442  | .1852037 |
| #3 | -.000823 | .004519  | .1863125 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2610.155</b> | <b>2797.733</b> | <b>58597.01</b> | <b>5429.690</b> | <b>4090.008</b> |
| Stddev    | 22.227          | 35.407          | 327.24          | 21.494          | 45.224          |
| %RSD      | .8515625        | 1.265572        | .5584605        | .3958652        | 1.105725        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2585.574 | 2807.516 | 58302.09 | 5434.710 | 4111.847 |
| #2 | 2616.052 | 2827.220 | 58539.88 | 5448.230 | 4120.168 |
| #3 | 2628.838 | 2758.463 | 58949.05 | 5406.130 | 4038.009 |

Sample Name: K1687-12      Acquired: 03/19/2019 13:30:59      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: HR-05-031519 Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019899 | -.002855 | .0246381 | .0033380 | -.000158 | .0756591 | .1426826 |
| Stddev | .0049449 | .001938  | .0010710 | .0037651 | .001006  | .0080620 | .0015542 |
| %RSD   | 248.5011 | 67.90059 | 4.346878 | 112.7969 | 638.3714 | 10.65564 | 1.089301 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003517 | -.001327 | .0255514 | .0055816 | -.001237 | .0849443 | .1430507 |
| #2 | .006050  | -.005035 | .0234593 | .0054412 | .000752  | .0715952 | .1440198 |
| #3 | .003436  | -.002202 | .0249035 | -.001009 | .000012  | .0704380 | .1409774 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000072 | .0003220 | 30.42539 | .0010604 | .0026829 | .0057163 | .0221731 |
| Stddev | .000063  | .0000509 | .28675   | .0004043 | .0002286 | .0032279 | .0025240 |
| %RSD   | 87.53861 | 15.80832 | .9424825 | 38.12999 | 8.522176 | 56.46843 | 11.38297 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000112 | .0003595 | 30.09865 | .0007215 | .0029291 | .0094365 | .0250827 |
| #2 | -.000105 | .0003425 | 30.63523 | .0015079 | .0026425 | .0036573 | .0208630 |
| #3 | .000001  | .0002641 | 30.54228 | .0009517 | .0024772 | .0040551 | .0205735 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7395693 | 1.328988 | .0045884 | .0003234 | 300.1744 | -.003695 | .0395144 |
| Stddev | .0041721 | .113695  | .0000809 | .0002317 | 1.7109   | .007452  | .0008890 |
| %RSD   | .5641213 | 8.555009 | 1.763851 | 71.64450 | .5699545 | 201.6743 | 2.249833 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7349635 | 1.375584 | .0046694 | .0001015 | 298.6713 | -.012161 | .0392345 |
| #2 | .7430953 | 1.411983 | .0045882 | .0003049 | 302.0361 | -.000795 | .0387990 |
| #3 | .7406491 | 1.199397 | .0045075 | .0005638 | 299.8158 | .001871  | .0405097 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6621034 | .0055838 | .0084468 | .0002342 | .3233507 | 1.104589 | -.002461 |
| Stddev | .0346233 | .0012639 | .0003933 | .0002249 | .0041321 | .008102  | .000450  |
| %RSD   | 5.229290 | 22.63529 | 4.656053 | 96.03920 | 1.277892 | .7334759 | 18.29135 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6763250 | .0047244 | .0081398 | .0000286 | .3278173 | 1.096240 | -.002047 |
| #2 | .6226340 | .0049920 | .0088901 | .0001995 | .3225704 | 1.112419 | -.002940 |
| #3 | .6873514 | .0070351 | .0083105 | .0004745 | .3196644 | 1.105107 | -.002395 |

Sample Name: K1687-12      Acquired: 03/19/2019 13:30:59      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: HR-05-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.004145</b> | <b>.0032469</b> | <b>.1359173</b> |
| Stddev | .001337         | .0012751        | .0008963        |
| %RSD   | 32.25943        | 39.27045        | .6594846        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.004845</b> | <b>.0018363</b> | <b>.1367202</b> |
| #2 | <b>-.004987</b> | <b>.0035869</b> | <b>.1360817</b> |
| #3 | <b>-.002603</b> | <b>.0043175</b> | <b>.1349502</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2581.978</b> | <b>2802.755</b> | <b>58286.93</b> | <b>5400.953</b> | <b>4081.236</b> |
| Stddev    | 24.460          | 37.046          | 416.69          | 21.263          | 49.436          |
| %RSD      | .9473345        | 1.321755        | .7148984        | .3936853        | 1.211307        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2575.780</b> | <b>2822.302</b> | <b>58071.58</b> | <b>5425.150</b> | <b>4102.690</b> |
| #2 | <b>2608.941</b> | <b>2825.933</b> | <b>58767.23</b> | <b>5385.250</b> | <b>4116.320</b> |
| #3 | <b>2561.214</b> | <b>2760.030</b> | <b>58021.98</b> | <b>5392.460</b> | <b>4024.696</b> |

Sample Name: K1691-10      Acquired: 03/19/2019 13:34:51      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CL-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014259 | -.002493 | .0024804 | .0041656 | -.000445 | .0379463 | .0726134 |
| Stddev | .0014892 | .002519  | .0023921 | .0021922 | .000265  | .0032710 | .0005175 |
| %RSD   | 104.4424 | 101.0252 | 96.43919 | 52.62546 | 59.42382 | 8.620028 | .7126074 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000278 | -.000304 | .0013013 | .0025462 | -.000426 | .0380068 | .0729326 |
| #2 | .002477  | -.005246 | .0052332 | .0066602 | -.000719 | .0411866 | .0728912 |
| #3 | .002078  | -.001929 | .0009068 | .0032904 | -.000191 | .0346455 | .0720164 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000112 | .0000991 | 151.7531 | .0012920 | -.000615 | .0002214 | .0022141 |
| Stddev | .000060  | .0000320 | .1905    | .0003266 | .000380  | .0030727 | .0227054 |
| %RSD   | 53.43735 | 32.26145 | .1255373 | 25.27467 | 61.75305 | 1388.047 | 1025.466 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000063 | .0001344 | 151.5915 | .0016263 | -.001027 | -.001837 | .0019146 |
| #2 | -.000095 | .0000908 | 151.9631 | .0012760 | -.000278 | -.001252 | -.020340 |
| #3 | -.000179 | .0000721 | 151.7047 | .0009738 | -.000540 | .003753  | .025068  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3018443 | 2.646129 | .0030601 | .0003676 | 270.3698 | -.000262 | .0107937 |
| Stddev | .0004483 | .083407  | .0002224 | .0005047 | .2357    | .003104  | .0005120 |
| %RSD   | .1485355 | 3.152041 | 7.267928 | 137.2812 | .0871671 | 1183.371 | 4.743263 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3022730 | 2.740493 | .0029410 | .0001868 | 270.3494 | .002864  | .0102405 |
| #2 | .3018812 | 2.615629 | .0033167 | -.000022 | 270.6150 | -.003343 | .0112508 |
| #3 | .3013786 | 2.582264 | .0029226 | .000938  | 270.1449 | -.000308 | .0108899 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2632861 | -.000273 | .0029125 | .0002062 | .2657233 | .4528866 | -.005519 |
| Stddev | .0843800 | .003756  | .0006186 | .0000721 | .0052848 | .0071135 | .001430  |
| %RSD   | 32.04879 | 1375.493 | 21.23883 | 34.96296 | 1.988843 | 1.570711 | 25.91376 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3606972 | -.001226 | .0022586 | .0002788 | .2695347 | .4495222 | -.005592 |
| #2 | .2163948 | -.003461 | .0034884 | .0002053 | .2596903 | .4480794 | -.006911 |
| #3 | .2127663 | .003868  | .0029907 | .0001346 | .2679447 | .4610583 | -.004053 |

Sample Name: K1691-10      Acquired: 03/19/2019 13:34:51      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CL-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.004874</b> | <b>.0014870</b> | <b>.6498862</b> |
| Stddev | .001787         | .0023302        | .0024992        |
| %RSD   | 36.66565        | 156.7089        | .3845655        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.004372</b> | <b>-.000934</b> | <b>.6526541</b> |
| #2 | <b>-.006858</b> | <b>.001681</b>  | <b>.6477951</b> |
| #3 | <b>-.003391</b> | <b>.003714</b>  | <b>.6492093</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2577.900</b> | <b>2763.314</b> | <b>58062.03</b> | <b>5389.366</b> | <b>4003.721</b> |
| Stddev    | 36.752          | 23.826          | 507.52          | 8.372           | 30.580          |
| %RSD      | 1.425672        | .8622327        | .8741003        | .1553422        | .7637886        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2581.603</b> | <b>2777.627</b> | <b>58225.57</b> | <b>5391.816</b> | <b>4023.894</b> |
| #2 | <b>2539.436</b> | <b>2776.505</b> | <b>57492.91</b> | <b>5396.239</b> | <b>4018.733</b> |
| #3 | <b>2612.660</b> | <b>2735.809</b> | <b>58467.63</b> | <b>5380.042</b> | <b>3968.537</b> |



Sample Name: K1691-10DUP      Acquired: 03/19/2019 13:38:41      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CL-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013933 | -.003720 | .0010296 | .0052135 | -.000861 | .0605771 | .0737012 |
| Stddev | .0033891 | .000900  | .0014109 | .0005664 | .001867  | .0216693 | .0006857 |
| %RSD   | 243.2425 | 24.19976 | 137.0370 | 10.86388 | 216.8644 | 35.77141 | .9303313 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000968 | -.002682 | -.000579 | .0058265 | -.000743 | .0828558 | .0733096 |
| #2 | .0052392 | -.004189 | .002059  | .0047095 | .000945  | .0395737 | .0744930 |
| #3 | -.001156 | -.004288 | .001608  | .0051044 | -.002784 | .0593017 | .0733012 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000165 | .0000663 | 153.0620 | .0014125 | -.000645 | .0003269 | .0210663 |
| Stddev | .000039  | .0000992 | 1.3166   | .0002372 | .000399  | .0019892 | .0502455 |
| %RSD   | 23.86562 | 149.5702 | .8601879 | 16.79088 | 61.85578 | 608.4288 | 238.5109 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000128 | -.000048 | 151.6020 | .0016612 | -.000205 | .0015824 | -.023061 |
| #2 | -.000206 | .000129  | 154.1591 | .0011889 | -.000747 | .0013650 | .075752  |
| #3 | -.000162 | .000118  | 153.4248 | .0013874 | -.000983 | -.001967 | .010508  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3045610 | 2.641237 | .0028027 | .0011428 | 273.3709 | -.006524 | .0097881 |
| Stddev | .0049048 | .008897  | .0002674 | .0002449 | 1.0577   | .002522  | .0003974 |
| %RSD   | 1.610447 | .3368604 | 9.540641 | 21.43329 | .3869112 | 38.66570 | 4.060104 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2992615 | 2.633074 | .0031113 | .0011491 | 272.1685 | -.009385 | .0102148 |
| #2 | .3054805 | 2.639916 | .0026401 | .0013845 | 274.1576 | -.005564 | .0094286 |
| #3 | .3089409 | 2.650720 | .0026567 | .0008947 | 273.7866 | -.004622 | .0097210 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3094303 | .0022166 | .0021186 | .0000762 | .2628173 | .4579002 | -.005452 |
| Stddev | .0229408 | .0016812 | .0003447 | .0004887 | .0099634 | .0051819 | .001032  |
| %RSD   | 7.413890 | 75.84316 | 16.26896 | 641.6037 | 3.791011 | 1.131666 | 18.92101 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2850097 | .0003410 | .0020165 | .0002392 | .2717009 | .4545913 | -.004409 |
| #2 | .3127520 | .0027210 | .0025028 | .0004625 | .2520445 | .4638721 | -.005474 |
| #3 | .3305292 | .0035878 | .0018366 | -.000473 | .2647064 | .4552372 | -.006472 |

Sample Name: K1691-10DUP      Acquired: 03/19/2019 13:38:41      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CL-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.005627</b> | <b>.0009903</b> | <b>.6562860</b> |
| Stddev | .002687         | .0021118        | .0021071        |
| %RSD   | 47.74528        | 213.2566        | .3210606        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.008458</b> | <b>.0033109</b> | <b>.6541358</b> |
| #2 | <b>-.005311</b> | <b>-.000819</b> | <b>.6583471</b> |
| #3 | <b>-.003113</b> | <b>.000478</b>  | <b>.6563751</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2561.606</b> | <b>2755.926</b> | <b>57692.92</b> | <b>5322.633</b> | <b>3988.293</b> |
| Stddev    | 10.141          | 23.240          | 391.10          | 65.162          | 29.634          |
| %RSD      | .3958892        | .8432844        | .6779062        | 1.224238        | .7430270        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2551.857</b> | <b>2763.707</b> | <b>57255.69</b> | <b>5364.534</b> | <b>3997.144</b> |
| #2 | <b>2560.864</b> | <b>2774.277</b> | <b>58009.44</b> | <b>5247.560</b> | <b>4012.492</b> |
| #3 | <b>2572.098</b> | <b>2729.794</b> | <b>57813.62</b> | <b>5355.806</b> | <b>3955.241</b> |

Sample Name: K1691-10LX5      Acquired: 03/19/2019 13:42:30      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: PB118008BL      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011675 | -.003286 | .0007850 | .0027438 | -.001848 | .0044180 | .0115139 |
| Stddev | .0010748 | .001597  | .0031630 | .0018124 | .001204  | .0132700 | .0003010 |
| %RSD   | 92.05857 | 48.58614 | 402.9483 | 66.05593 | 65.17930 | 300.3626 | 2.614144 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000073 | -.002713 | -.000366 | .0007755 | -.003216 | .0189957 | .0111792 |
| #2 | .001766  | -.005090 | .004362  | .0043438 | -.001379 | .0012170 | .0116000 |
| #3 | .001809  | -.002055 | -.001642 | .0031120 | -.000948 | -.006959 | .0117624 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000011 | .0000290 | 31.67923 | .0001712 | -.000824 | .0024190 | -.013483 |
| Stddev | .000030  | .0000356 | .31579   | .0000804 | .000182  | .0026611 | .002584  |
| %RSD   | 280.2277 | 122.7398 | .9968296 | 46.96514 | 22.12915 | 110.0070 | 19.16396 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000045 | .0000673 | 31.65234 | .0001813 | -.000811 | .0023665 | -.015911 |
| #2 | -.000000 | .0000229 | 31.37775 | .0002461 | -.001012 | .0051060 | -.010767 |
| #3 | .000013  | -.000003 | 32.00761 | .0000862 | -.000648 | -.000215 | -.013771 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0632753 | .5618724 | .0004078 | .0009745 | 55.82307 | .0019643 | .0043397 |
| Stddev | .0011790 | .1066703 | .0001748 | .0003042 | .24184   | .0049263 | .0006086 |
| %RSD   | 1.863255 | 18.98479 | 42.86980 | 31.21505 | .4332280 | 250.7928 | 14.02525 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0631682 | .6589706 | .0005146 | .0006561 | 56.02849 | .0021878 | .0047347 |
| #2 | .0621536 | .5789548 | .0002060 | .0010053 | 55.88418 | -.003070 | .0046455 |
| #3 | .0645042 | .4476917 | .0005027 | .0012622 | 55.55654 | .006775  | .0036388 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1001657 | -.002502 | -.003169 | .0000785 | .0542313 | .0914753 | -.002668 |
| Stddev | .0197952 | .002758  | .000898  | .0002395 | .0049721 | .0010938 | .000873  |
| %RSD   | 19.76240 | 110.2128 | 28.34339 | 305.1123 | 9.168224 | 1.195685 | 32.70016 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1093855 | -.002246 | -.002260 | .0002356 | .0564379 | .0924751 | -.001932 |
| #2 | .0774425 | .000119  | -.004056 | -.000197 | .0485378 | .0903071 | -.003632 |
| #3 | .1136693 | -.005379 | -.003190 | .000197  | .0577181 | .0916436 | -.002441 |

Sample Name: K1691-10LX5      Acquired: 03/19/2019 13:42:30      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: PB118008BL      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.002122</b> | <b>.0020155</b> | <b>.1352418</b> |
| Stddev | .002390         | .0029427        | .0005454        |
| %RSD   | 112.6656        | 146.0016        | .4032836        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.004113</b> | <b>.0002306</b> | <b>.1349906</b> |
| #2 | <b>.000529</b>  | <b>.0004040</b> | <b>.1358675</b> |
| #3 | <b>-.002781</b> | <b>.0054120</b> | <b>.1348672</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2630.305</b> | <b>2853.638</b> | <b>58431.55</b> | <b>5396.883</b> | <b>4239.810</b> |
| Stddev    | 17.843          | 18.846          | 587.03          | 31.727          | 26.450          |
| %RSD      | .6783781        | .6604295        | 1.004644        | .5878754        | .6238602        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2625.200</b> | <b>2865.363</b> | <b>58199.79</b> | <b>5361.200</b> | <b>4255.211</b> |
| #2 | <b>2615.571</b> | <b>2863.653</b> | <b>57995.78</b> | <b>5407.540</b> | <b>4254.950</b> |
| #3 | <b>2650.145</b> | <b>2831.899</b> | <b>59099.08</b> | <b>5421.910</b> | <b>4209.267</b> |

Sample Name: K1691-10MS      Acquired: 03/19/2019 13:46:19      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CL-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7439777</b> | <b>1.834514</b> | <b>.9195202</b> | <b>1.621057</b> | <b>.7365979</b> | <b>1.958511</b> | <b>.2716780</b> |
| Stddev | .0086666        | .025453         | .0107230        | .013569         | .0098105        | .012462         | .0012852        |
| %RSD   | 1.164905        | 1.387439        | 1.166149        | .8370517        | 1.331869        | .6362846        | .4730798        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7497024 | 1.824002 | .9196572 | 1.610436 | .7370379 | 1.945056 | .2731574 |
| #2 | .7340068 | 1.816000 | .9087293 | 1.616392 | .7265747 | 1.969656 | .2710403 |
| #3 | .7482238 | 1.863539 | .9301740 | 1.636343 | .7461809 | 1.960820 | .2708362 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1688185</b> | <b>.1737836</b> | <b>158.7525</b> | <b>.3665055</b> | <b>.1896384</b> | <b>.2991672</b> | <b>2.856615</b> |
| Stddev | .0003477        | .0023311        | .9653           | .0013051        | .0030003        | .0040936        | .035009         |
| %RSD   | .2059757        | 1.341363        | .6080668        | .3560835        | 1.582133        | 1.368327        | 1.225547        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1684181 | .1729513 | 157.6944 | .3672564 | .1888862 | .3038032 | 2.834495 |
| #2 | .1689937 | .1719830 | 158.9780 | .3672615 | .1870857 | .2976485 | 2.896978 |
| #3 | .1690439 | .1764166 | 159.5851 | .3649986 | .1929432 | .2960501 | 2.838372 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5035456</b> | <b>4.501511</b> | <b>.4753527</b> | <b>.0716095</b> | <b>284.8315</b> | <b>.2969020</b> | <b>.2036990</b> |
| Stddev | .0044505        | .060373         | .0068091        | .0011950        | .3497           | .0020914        | .0020869        |
| %RSD   | .8838394        | 1.341179        | 1.432440        | 1.668831        | .1227671        | .7044111        | 1.024515        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4992386 | 4.454456 | .4724094 | .0705921 | 284.8629 | .2962370 | .2030659 |
| #2 | .5032711 | 4.480494 | .4705103 | .0729255 | 284.4672 | .2952240 | .2060292 |
| #3 | .5081270 | 4.569584 | .4831384 | .0713108 | 285.1644 | .2992451 | .2020020 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.44165</b> | <b>6.200382</b> | <b>.2598969</b> | <b>.3755904</b> | <b>.2576061</b> | <b>1.283143</b> | <b>.6584474</b> |
| Stddev | .07415          | .074555         | .0015842        | .0051541        | .0043489        | .006031         | .0095283        |
| %RSD   | .7101143        | 1.202425        | .6095645        | 1.372272        | 1.688196        | .4700164        | 1.447087        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.35662 | 6.160604 | .2586916 | .3739915 | .2603817 | 1.276293 | .6550305 |
| #2 | 10.49279 | 6.154153 | .2593078 | .3714252 | .2598426 | 1.287653 | .6510987 |
| #3 | 10.47556 | 6.286390 | .2616913 | .3813545 | .2525941 | 1.285485 | .6692130 |

Sample Name: K1691-10MS      Acquired: 03/19/2019 13:46:19      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CL-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1826558</b> | <b>.1951304</b> | <b>.8625853</b> |
| Stddev | .0021991        | .0008657        | .0061110        |
| %RSD   | 1.203979        | .4436662        | .7084561        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1802548</b> | <b>.1945655</b> | <b>.8668641</b> |
| #2 | <b>.1845723</b> | <b>.1946987</b> | <b>.8653052</b> |
| #3 | <b>.1831404</b> | <b>.1961271</b> | <b>.8555865</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2531.065</b> | <b>2748.234</b> | <b>57696.41</b> | <b>5333.448</b> | <b>3988.447</b> |
| Stddev    | 27.074          | 27.513          | 445.88          | 16.401          | 37.548          |
| %RSD      | 1.069659        | 1.001123        | .7728117        | .3075206        | .9414120        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2540.561 | 2747.560 | 57586.01 | 5336.625 | 3990.928 |
| #2 | 2500.523 | 2776.077 | 57316.10 | 5315.690 | 4024.693 |
| #3 | 2552.113 | 2721.063 | 58187.12 | 5348.028 | 3949.720 |

Sample Name: K1691-10MSD      Acquired: 03/19/2019 13:50:00      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CL-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7505209</b> | <b>1.856480</b> | <b>.9277800</b> | <b>1.631547</b> | <b>.7402815</b> | <b>1.960532</b> | <b>.2713146</b> |
| Stddev | .0163501        | .021821         | .0123700        | .018206         | .0116684        | .027051         | .0012395        |
| %RSD   | 2.178493        | 1.175381        | 1.333286        | 1.115898        | 1.576205        | 1.379769        | .4568449        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7464633 | 1.847116 | .9209718 | 1.620424 | .7340046 | 1.959135 | .2701364 |
| #2 | .7365818 | 1.840905 | .9203097 | 1.621658 | .7330951 | 1.988254 | .2726074 |
| #3 | .7685177 | 1.881420 | .9420584 | 1.652558 | .7537447 | 1.934207 | .2711999 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1697774</b> | <b>.1752403</b> | <b>157.8650</b> | <b>.3713757</b> | <b>.1914332</b> | <b>.2971920</b> | <b>2.845660</b> |
| Stddev | .0009314        | .0025470        | 1.5177          | .0009997        | .0026775        | .0054744        | .018824         |
| %RSD   | .5485935        | 1.453455        | .9614136        | .2691779        | 1.398636        | 1.842036        | .6614925        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1707730 | .1738990 | 157.1286 | .3705770 | .1898748 | .2909247 | 2.867293 |
| #2 | .1689274 | .1736443 | 159.6104 | .3710534 | .1898999 | .3010393 | 2.836669 |
| #3 | .1696317 | .1781777 | 156.8560 | .3724968 | .1945248 | .2996121 | 2.833018 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5005595</b> | <b>4.531681</b> | <b>.4789902</b> | <b>.0717763</b> | <b>284.1974</b> | <b>.2910951</b> | <b>.2031257</b> |
| Stddev | .0066850        | .014615         | .0061382        | .0002311        | 2.3902          | .0063776        | .0004446        |
| %RSD   | 1.335515        | .3225173        | 1.281492        | .3219580        | .8410449        | 2.190909        | .2188990        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4961799 | 4.541927 | .4756824 | .0719995 | 282.9258 | .2935277 | .2034698 |
| #2 | .5082542 | 4.538171 | .4752152 | .0717913 | 286.9547 | .2958983 | .2032837 |
| #3 | .4972443 | 4.514944 | .4860729 | .0715381 | 282.7118 | .2838591 | .2026237 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.53948</b> | <b>6.261108</b> | <b>.2615032</b> | <b>.3775598</b> | <b>.2581464</b> | <b>1.291901</b> | <b>.6618168</b> |
| Stddev | .06558          | .101873         | .0017115        | .0057391        | .0050953        | .004250         | .0095383        |
| %RSD   | .6221906        | 1.627069        | .6544726        | 1.520047        | 1.973792        | .3289903        | 1.441237        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.53333 | 6.220264 | .2629574 | .3747006 | .2550911 | 1.295031 | .6557367 |
| #2 | 10.60791 | 6.185996 | .2619350 | .3738119 | .2553196 | 1.287062 | .6569035 |
| #3 | 10.47719 | 6.377065 | .2596172 | .3841668 | .2640284 | 1.293611 | .6728101 |

Sample Name: K1691-10MSD      Acquired: 03/19/2019 13:50:00      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CL-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1826813</b> | <b>.1950442</b> | <b>.8633840</b> |
| Stddev | .0049459        | .0014381        | .0025447        |
| %RSD   | 2.707370        | .7373105        | .2947373        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1796090</b> | <b>.1933870</b> | <b>.8651796</b> |
| #2 | <b>.1883867</b> | <b>.1959646</b> | <b>.8645004</b> |
| #3 | <b>.1800484</b> | <b>.1957810</b> | <b>.8604719</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2536.050</b> | <b>2726.065</b> | <b>57397.81</b> | <b>5331.749</b> | <b>3958.400</b> |
| Stddev    | 13.675          | 27.767          | 409.38          | 33.653          | 37.538          |
| %RSD      | .5392168        | 1.018575        | .7132299        | .6311900        | .9483189        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2537.243</b> | <b>2736.020</b> | <b>57657.60</b> | <b>5315.045</b> | <b>3971.893</b> |
| #2 | <b>2521.817</b> | <b>2747.482</b> | <b>56925.91</b> | <b>5309.715</b> | <b>3987.326</b> |
| #3 | <b>2549.089</b> | <b>2694.693</b> | <b>57609.93</b> | <b>5370.486</b> | <b>3915.980</b> |



Sample Name: K1691-10A      Acquired: 03/19/2019 13:53:42      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: PB118008BS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7467302</b> | <b>1.852624</b> | <b>.9263328</b> | <b>1.613921</b> | <b>.7402914</b> | <b>1.976866</b> | <b>.2680740</b> |
| Stddev | .0149937        | .018357         | .0116742        | .022835         | .0083713        | .018419         | .0007414        |
| %RSD   | 2.007908        | .9908885        | 1.260265        | 1.414880        | 1.130810        | .9317047        | .2765508        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7397023 | 1.839274 | .9194397 | 1.601760 | .7381784 | 1.998050 | .2681386 |
| #2 | .7365414 | 1.845039 | .9197469 | 1.599740 | .7331790 | 1.967913 | .2687809 |
| #3 | .7639470 | 1.873558 | .9398119 | 1.640263 | .7495167 | 1.964636 | .2673024 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1690507</b> | <b>.1749343</b> | <b>152.3227</b> | <b>.3707984</b> | <b>.1907681</b> | <b>.3004347</b> | <b>2.893635</b> |
| Stddev | .0003413        | .0024786        | .6035           | .0004353        | .0017711        | .0055965        | .030025         |
| %RSD   | .2018908        | 1.416900        | .3961706        | .1173865        | .9284114        | 1.862790        | 1.037625        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1692047 | .1731998 | 152.9950 | .3712957 | .1902617 | .3024515 | 2.928126 |
| #2 | .1692878 | .1738299 | 152.1451 | .3706123 | .1893054 | .2941093 | 2.879441 |
| #3 | .1686595 | .1777731 | 151.8280 | .3704871 | .1927373 | .3047432 | 2.873339 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4922774</b> | <b>4.551135</b> | <b>.4787137</b> | <b>.0713411</b> | <b>273.0096</b> | <b>.2902366</b> | <b>.2012829</b> |
| Stddev | .0030525        | .027496         | .0049622        | .0001371        | .4334           | .0029626        | .0003165        |
| %RSD   | .6200854        | .6041603        | 1.036580        | .1921728        | .1587513        | 1.020748        | .1572628        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4957244 | 4.537292 | .4760905 | .0714867 | 272.6993 | .2912288 | .2010708 |
| #2 | .4899161 | 4.533312 | .4756137 | .0712145 | 273.5048 | .2925757 | .2011311 |
| #3 | .4911918 | 4.582802 | .4844370 | .0713222 | 272.8248 | .2869053 | .2016468 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.46529</b> | <b>6.240025</b> | <b>.2603012</b> | <b>.3786330</b> | <b>.2430754</b> | <b>1.273966</b> | <b>.6603038</b> |
| Stddev | .01640          | .059536         | .0015528        | .0053341        | .0037950        | .005485         | .0082952        |
| %RSD   | .1566881        | .9541051        | .5965404        | 1.408790        | 1.561226        | .4305645        | 1.256272        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.44661 | 6.214547 | .2620806 | .3754750 | .2409440 | 1.280287 | .6572583 |
| #2 | 10.47195 | 6.197466 | .2596025 | .3756323 | .2408253 | 1.270452 | .6539618 |
| #3 | 10.47731 | 6.308060 | .2592204 | .3847916 | .2474569 | 1.271160 | .6696913 |

Sample Name: K1691-10A      Acquired: 03/19/2019 13:53:42      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: PB118008BS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1845796</b> | <b>.1938992</b> | <b>.8299200</b> |
| Stddev | .0032421        | .0024881        | .0017241        |
| %RSD   | 1.756488        | 1.283201        | .2077372        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1880262</b> | <b>.1910275</b> | <b>.8318952</b> |
| #2 | <b>.1841222</b> | <b>.1952599</b> | <b>.8291472</b> |
| #3 | <b>.1815905</b> | <b>.1954103</b> | <b>.8287175</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2527.854</b> | <b>2732.522</b> | <b>57476.31</b> | <b>5318.275</b> | <b>3969.385</b> |
| Stddev    | 6.013           | 18.297          | 179.88          | 36.582          | 32.886          |
| %RSD      | .2378872        | .6695956        | .3129696        | .6878468        | .8284946        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2523.370 | 2741.496 | 57269.15 | 5277.749 | 3982.532 |
| #2 | 2525.504 | 2744.600 | 57592.93 | 5328.223 | 3993.663 |
| #3 | 2534.688 | 2711.471 | 57566.85 | 5348.855 | 3931.959 |

Sample Name: K1691-12      Acquired: 03/19/2019 13:57:22      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CL-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000061</b> | <b>-.002579</b> | <b>.0023175</b> | <b>.0033551</b> | <b>-.000889</b> | <b>.0290686</b> | <b>.1035144</b> |
| Stddev | .002839         | .002362         | .0028130        | .0006286        | .000366         | .0093477        | .0002792        |
| %RSD   | 4619.297        | 91.59402        | 121.3772        | 18.73505        | 41.10070        | 32.15742        | .2696857        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000539  | -.001813 | -.000717 | .0028973 | -.000691 | .0224418 | .1032332 |
| #2 | .002429  | -.000695 | .002832  | .0040718 | -.001311 | .0250034 | .1035186 |
| #3 | -.003152 | -.005230 | .004838  | .0030962 | -.000666 | .0397606 | .1037914 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000271</b> | <b>.0002085</b> | <b>150.4148</b> | <b>.0015266</b> | <b>.0013439</b> | <b>.0042602</b> | <b>.0334121</b> |
| Stddev | .000054         | .0000115        | .5308           | .0002120        | .0001808        | .0038245        | .0299035        |
| %RSD   | 20.10931        | 5.512799        | .3528727        | 13.88444        | 13.45596        | 89.77227        | 89.49899        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000214 | .0001973 | 150.9765 | .0012844 | .0014599 | -.000075 | .0330379 |
| #2 | -.000323 | .0002078 | 150.3461 | .0016175 | .0014363 | .005697  | .0036975 |
| #3 | -.000275 | .0002203 | 149.9217 | .0016780 | .0011355 | .007158  | .0635010 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6543067</b> | <b>2.970890</b> | <b>.0044193</b> | <b>.0007660</b> | <b>311.1270</b> | <b>-.000859</b> | <b>.0163276</b> |
| Stddev | .0064785        | .082230         | .0007026        | .0002879        | .5494           | .004836         | .0001778        |
| %RSD   | .9901270        | 2.767848        | 15.89924        | 37.58664        | .1765889        | 562.7307        | 1.088683        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6605117 | 2.887862 | .0038981 | .0009028 | 311.5393 | .004711  | .0162025 |
| #2 | .6548228 | 3.052298 | .0041414 | .0004352 | 311.3385 | -.003984 | .0162492 |
| #3 | .6475856 | 2.972510 | .0052184 | .0009600 | 310.5033 | -.003306 | .0165311 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.113692</b> | <b>.0064260</b> | <b>.0040369</b> | <b>.0004301</b> | <b>.8235483</b> | <b>.7262338</b> | <b>-.005451</b> |
| Stddev | .006314         | .0028305        | .0012626        | .0001696        | .0167450        | .0065377        | .001362         |
| %RSD   | .5669186        | 44.04831        | 31.27571        | 39.43125        | 2.033274        | .9002136        | 24.97555        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.111667 | .0090154 | .0054644 | .0005164 | .8238300 | .7336156 | -.006644 |
| #2 | 1.108639 | .0034041 | .0030667 | .0005392 | .8066643 | .7239117 | -.003968 |
| #3 | 1.120770 | .0068585 | .0035795 | .0002347 | .8401507 | .7211743 | -.005742 |

Sample Name: K1691-12      Acquired: 03/19/2019 13:57:22      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CL-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.005578</b> | <b>.0050659</b> | <b>.5232404</b> |
| Stddev | .001937         | .0006580        | .0034917        |
| %RSD   | 34.72977        | 12.98907        | .6673223        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.005795</b> | <b>.0048427</b> | <b>.5203800</b> |
| #2 | <b>-.007397</b> | <b>.0045486</b> | <b>.5271314</b> |
| #3 | <b>-.003541</b> | <b>.0058065</b> | <b>.5222098</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2534.996</b> | <b>2734.735</b> | <b>57466.98</b> | <b>5360.848</b> | <b>3947.333</b> |
| Stddev    | 20.902          | 29.434          | 461.52          | 32.938          | 42.143          |
| %RSD      | .8245277        | 1.076304        | .8031052        | .6144126        | 1.067622        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2557.531</b> | <b>2746.096</b> | <b>57851.32</b> | <b>5322.942</b> | <b>3959.837</b> |
| #2 | <b>2531.213</b> | <b>2756.795</b> | <b>57594.54</b> | <b>5377.110</b> | <b>3981.808</b> |
| #3 | <b>2516.245</b> | <b>2701.313</b> | <b>56955.10</b> | <b>5382.493</b> | <b>3900.353</b> |

Sample Name: K1691-14      Acquired: 03/19/2019 14:01:12      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CL-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000005 | -.004912 | .0064743 | .0050342 | -.002020 | .0365315 | .0888582 |
| Stddev | .0017855 | .001503  | .0019095 | .0017231 | .001686  | .0115938 | .0017545 |
| %RSD   | 363577.4 | 30.60707 | 29.49311 | 34.22891 | 83.45972 | 31.73662 | 1.974547 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011747 | -.004309 | .0043879 | .0067596 | -.000119 | .0335130 | .0868345 |
| #2 | .0008810 | -.006623 | .0069001 | .0033133 | -.003334 | .0267454 | .0897858 |
| #3 | -.002054 | -.003804 | .0081350 | .0050296 | -.002606 | .0493360 | .0899541 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000171 | .0002460 | 81.96534 | .0009484 | .0016209 | .0031428 | .0162124 |
| Stddev | .000049  | .0000759 | .75934   | .0003473 | .0001861 | .0011778 | .0097220 |
| %RSD   | 29.01599 | 30.86821 | .9264163 | 36.61806 | 11.47923 | 37.47766 | 59.96647 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000122 | .0001583 | 81.27144 | .0006747 | .0014518 | .0018569 | .0058348 |
| #2 | -.000169 | .0002912 | 81.84809 | .0013391 | .0015906 | .0034020 | .0251088 |
| #3 | -.000221 | .0002884 | 82.77648 | .0008316 | .0018202 | .0041693 | .0176935 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5993485 | 2.580175 | .0045502 | .0007043 | 264.7259 | -.003907 | .0189236 |
| Stddev | .0054726 | .139196  | .0002939 | .0003152 | 2.4924   | .001779  | .0007834 |
| %RSD   | .9130883 | 5.394826 | 6.458105 | 44.75014 | .9414929 | 45.53639 | 4.139981 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5963977 | 2.454590 | .0045180 | .0010406 | 261.9206 | -.005246 | .0194080 |
| #2 | .5959845 | 2.729840 | .0048588 | .0006568 | 265.5716 | -.001888 | .0193431 |
| #3 | .6056631 | 2.556094 | .0042737 | .0004156 | 266.6853 | -.004586 | .0180198 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7256456 | -.000536 | .0031563 | .0003751 | .6471274 | .5389677 | -.004786 |
| Stddev | .0821038 | .001243  | .0010749 | .0002735 | .0074353 | .0026766 | .000364  |
| %RSD   | 11.31459 | 231.9076 | 34.05587 | 72.91505 | 1.148976 | .4966163 | 7.605463 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7776493 | .000233  | .0020131 | .0004507 | .6436584 | .5375422 | -.004635 |
| #2 | .7682933 | .000129  | .0033092 | .0006028 | .6420605 | .5373056 | -.005202 |
| #3 | .6309943 | -.001970 | .0041466 | .0000717 | .6556633 | .5420554 | -.004522 |

Sample Name: K1691-14      Acquired: 03/19/2019 14:01:12      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CL-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.005350</b> | <b>.0017954</b> | <b>.2798354</b> |
| Stddev | .000932         | .0021986        | .0013679        |
| %RSD   | 17.41338        | 122.4588        | .4888232        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.004992</b> | <b>-.000449</b> | <b>.2783867</b> |
| #2 | <b>-.004651</b> | <b>.001889</b>  | <b>.2811049</b> |
| #3 | <b>-.006407</b> | <b>.003946</b>  | <b>.2800146</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2559.471</b> | <b>2760.379</b> | <b>57922.49</b> | <b>5344.391</b> | <b>4004.257</b> |
| Stddev    | 12.410          | 33.280          | 431.00          | 47.192          | 52.344          |
| %RSD      | .4848513        | 1.205620        | .7440906        | .8830163        | 1.307203        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2568.077</b> | <b>2773.747</b> | <b>57950.44</b> | <b>5379.792</b> | <b>4023.952</b> |
| #2 | <b>2565.091</b> | <b>2784.895</b> | <b>58338.83</b> | <b>5362.567</b> | <b>4043.896</b> |
| #3 | <b>2545.246</b> | <b>2722.494</b> | <b>57478.20</b> | <b>5290.814</b> | <b>3944.922</b> |

Sample Name: CCV03      Acquired: 03/19/2019 14:05:01      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.139658</b> | <b>5.139311</b> | <b>4.987570</b> | <b>4.970334</b> | <b>5.197626</b> | <b>9.809108</b> |
| Stddev | .030657         | .042540         | .041450         | .030934         | .037689         | .118630         |
| %RSD   | .5964859        | .8277369        | .8310591        | .6223796        | .7251123        | 1.209383        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.113298 | 5.101359 | 4.963315 | 4.946914 | 5.163836 | 9.946065 |
| #2 | 5.132374 | 5.131280 | 4.963964 | 4.958687 | 5.190769 | 9.738380 |
| #3 | 5.173301 | 5.185294 | 5.035430 | 5.005401 | 5.238272 | 9.742878 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.37713</b> | <b>.2343182</b> | <b>2.348269</b> | <b>24.60270</b> | <b>.9782232</b> | <b>2.513534</b> |
| Stddev | .07662          | .0017396        | .018264         | .23583          | .0042429        | .020211         |
| %RSD   | .7383937        | .7423956        | .7777553        | .9585604        | .4337388        | .8040684        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.46211 | .2362687 | 2.336258 | 24.87452 | .9812908 | 2.499594 |
| #2 | 10.35600 | .2329273 | 2.339263 | 24.45265 | .9733811 | 2.504295 |
| #3 | 10.31329 | .2337586 | 2.369287 | 24.48092 | .9799978 | 2.536713 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.289141</b> | <b>4.815049</b> | <b>2.479210</b> | <b>23.54432</b> | <b>2.516429</b> | <b>1.244499</b> |
| Stddev | .008728         | .040625         | .028214         | .14762          | .020019         | .005704         |
| %RSD   | .6770608        | .8437017        | 1.138043        | .6269700        | .7955302        | .4583192        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.299130 | 4.822983 | 2.510010 | 23.71381 | 2.503460 | 1.248752 |
| #2 | 1.282986 | 4.771042 | 2.454613 | 23.47528 | 2.506342 | 1.238017 |
| #3 | 1.285308 | 4.851121 | 2.473007 | 23.44387 | 2.539485 | 1.246727 |

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774            | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>24.91293</b> | <b>2.474210</b> | <b>2.578272</b> | <b>25.35722</b> | <b>F 5.654771</b> | <b>4.763699</b> |
| Stddev | .27762          | .007360         | .016338         | .17776          | .056807           | .037279         |
| %RSD   | 1.114359        | .2974557        | .6336632        | .7010322        | 1.004593          | .7825583        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 25.21769 | 2.482695 | 2.592690 | 25.56236 | 5.612960 | 4.800224 |
| #2 | 24.84667 | 2.470376 | 2.560527 | 25.24852 | 5.631905 | 4.725710 |
| #3 | 24.67444 | 2.469560 | 2.581598 | 25.26079 | 5.719448 | 4.765163 |

Sample Name: CCV03      Acquired: 03/19/2019 14:05:01      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.859368</b> | <b>4.949794</b> | <b>4.668737</b> | <b>4.931189</b> | <b>4.971413</b> | <b>4.914826</b> |
| Stddev | .031783         | .062934         | .034211         | .044229         | .046069         | .040597         |
| %RSD   | .6540598        | 1.271438        | .7327614        | .8969290        | .9266868        | .8260139        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.836094 | 4.909656 | 4.695420 | 4.903694 | 5.024169 | 4.961373 |
| #2 | 4.846430 | 4.917400 | 4.630169 | 4.907663 | 4.939121 | 4.896369 |
| #3 | 4.895580 | 5.022325 | 4.680623 | 4.982209 | 4.950948 | 4.886737 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>4.766917</b> |
| Stddev | .026128         |
| %RSD   | .5481196        |

|    |          |
|----|----------|
| #1 | 4.794755 |
| #2 | 4.763070 |
| #3 | 4.742925 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2583.574</b> | <b>2826.781</b> | <b>57511.42</b> | <b>5366.178</b> | <b>4123.561</b> |
| Stddev    | 18.987          | 10.673          | 390.89          | 56.743          | 22.130          |
| %RSD      | .7349281        | .3775531        | .6796796        | 1.057425        | .5366803        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2561.651 | 2834.388 | 57068.14 | 5300.769 | 4138.164 |
| #2 | 2594.754 | 2831.374 | 57659.36 | 5395.574 | 4134.420 |
| #3 | 2594.318 | 2814.581 | 57806.74 | 5402.193 | 4098.099 |



Sample Name: CCB03      Acquired: 03/19/2019 14:08:33      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000421</b> | <b>-.000406</b> | <b>-.000421</b> | <b>.0036623</b> | <b>-.001368</b> | <b>-.023170</b> | <b>-.004862</b> |
| Stddev | .002593         | .000987         | .000991         | .0015904        | .001691         | .008228         | .000964         |
| %RSD   | 615.9168        | 243.1172        | 235.1615        | 43.42720        | 123.5836        | 35.51401        | 19.82766        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002601</b> | <b>-.000923</b> | <b>.000436</b>  | <b>.0046253</b> | <b>.000576</b>  | <b>-.013939</b> | <b>-.005165</b> |
| #2 | <b>.002446</b>  | <b>.000732</b>  | <b>-.001507</b> | <b>.0018266</b> | <b>-.002498</b> | <b>-.025836</b> | <b>-.005637</b> |
| #3 | <b>-.001107</b> | <b>-.001026</b> | <b>-.000194</b> | <b>.0045350</b> | <b>-.002182</b> | <b>-.029734</b> | <b>-.003782</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000035</b> | <b>.0000340</b> | <b>.0020359</b> | <b>-.000134</b> | <b>.0000194</b> | <b>.0009768</b> | <b>-.027673</b> |
| Stddev | .000068         | .0000666        | .0154126        | .000286         | .0002624        | .0023536        | .013473         |
| %RSD   | 191.3787        | 195.7407        | 757.0623        | 213.3823        | 1355.251        | 240.9419        | 48.68544        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000003</b> | <b>.0000486</b> | <b>-.014437</b> | <b>-.000103</b> | <b>.0001058</b> | <b>.0010267</b> | <b>-.043154</b> |
| #2 | <b>.000010</b>  | <b>.0000921</b> | <b>.004440</b>  | <b>.000135</b>  | <b>-.000275</b> | <b>-.001401</b> | <b>-.018604</b> |
| #3 | <b>-.000113</b> | <b>-.000039</b> | <b>.016105</b>  | <b>-.000434</b> | <b>.000228</b>  | <b>.003305</b>  | <b>-.021262</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0004998</b> | <b>.0655501</b> | <b>-.000038</b> | <b>.0011007</b> | <b>-.265062</b> | <b>.0016266</b> | <b>-.000862</b> |
| Stddev | .0014958        | .0378398        | .000322         | .0002989        | .426201         | .0019626        | .000124         |
| %RSD   | 299.2974        | 57.72647        | 853.7057        | 27.15031        | 160.7929        | 120.6603        | 14.35781        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000653</b> | <b>.1052303</b> | <b>-.000136</b> | <b>.0011087</b> | <b>.169214</b>  | <b>.0038655</b> | <b>-.001002</b> |
| #2 | <b>.002190</b>  | <b>.0298683</b> | <b>.000322</b>  | <b>.0007980</b> | <b>-.682702</b> | <b>.0002028</b> | <b>-.000822</b> |
| #3 | <b>-.000037</b> | <b>.0615517</b> | <b>-.000299</b> | <b>.0013955</b> | <b>-.281699</b> | <b>.0008115</b> | <b>-.000764</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0767771</b> | <b>-.004833</b> | <b>.0061760</b> | <b>.0002199</b> | <b>-.009634</b> | <b>-.001503</b> | <b>-.000472</b> |
| Stddev | .0722617        | .000885         | .0007579        | .0003924        | .001220         | .000418         | .000574         |
| %RSD   | 94.11881        | 18.30342        | 12.27205        | 178.4439        | 12.66371        | 27.81123        | 121.4469        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1566856</b> | <b>-.003895</b> | <b>.0059906</b> | <b>.0006653</b> | <b>-.010526</b> | <b>-.001945</b> | <b>-.000205</b> |
| #2 | <b>.0576250</b> | <b>-.004952</b> | <b>.0070094</b> | <b>.0000688</b> | <b>-.008243</b> | <b>-.001114</b> | <b>-.000081</b> |
| #3 | <b>.0160208</b> | <b>-.005652</b> | <b>.0055280</b> | <b>-.000075</b> | <b>-.010132</b> | <b>-.001451</b> | <b>-.001131</b> |

Sample Name: CCB03      Acquired: 03/19/2019 14:08:33      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.003533</b> | <b>-.001394</b> | <b>-.000008</b> |
| Stddev | .001871         | .000595         | .000143         |
| %RSD   | 52.96207        | 42.68335        | 1779.175        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.005000</b> | <b>-.001983</b> | <b>.000062</b>  |
| #2 | <b>-.001426</b> | <b>-.001408</b> | <b>-.000172</b> |
| #3 | <b>-.004173</b> | <b>-.000793</b> | <b>.000086</b>  |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2590.783</b> | <b>2871.783</b> | <b>57315.53</b> | <b>5374.857</b> | <b>4210.444</b> |
| Stddev    | 21.962          | 32.036          | 500.80          | 71.846          | 43.620          |
| %RSD      | .8476972        | 1.115536        | .8737631        | 1.336714        | 1.035991        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2608.976</b> | <b>2880.561</b> | <b>57769.74</b> | <b>5409.930</b> | <b>4220.185</b> |
| #2 | <b>2596.987</b> | <b>2898.515</b> | <b>57398.40</b> | <b>5422.430</b> | <b>4248.371</b> |
| #3 | <b>2566.387</b> | <b>2836.273</b> | <b>56778.47</b> | <b>5292.210</b> | <b>4162.778</b> |

Sample Name: K1691-16      Acquired: 03/19/2019 14:12:26      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CL-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007742 | -.003737 | .0036568 | .0039423 | -.000318 | .0483701 | .0898727 |
| Stddev | .0065543 | .003222  | .0012608 | .0008160 | .000397  | .0110343 | .0001768 |
| %RSD   | 846.6111 | 86.21245 | 34.47879 | 20.69757 | 124.7988 | 22.81220 | .1967081 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0007475 | -.007085 | .0026311 | .0038270 | -.000541 | .0474166 | .0900496 |
| #2 | .0073418 | -.000659 | .0050644 | .0031901 | .000140  | .0378436 | .0896960 |
| #3 | -.005767 | -.003466 | .0032750 | .0048097 | -.000553 | .0598503 | .0898726 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000186 | .0002292 | 134.3686 | .0018348 | .0013474 | .0054489 | .0871637 |
| Stddev | .000031  | .0000108 | 1.8923   | .0001647 | .0002826 | .0015448 | .0242630 |
| %RSD   | 16.46743 | 4.693704 | 1.408289 | 8.976800 | 20.97491 | 28.35030 | 27.83610 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000217 | .0002172 | 134.4661 | .0020130 | .0013413 | .0040846 | .0967855 |
| #2 | -.000157 | .0002380 | 132.4294 | .0018034 | .0016330 | .0051359 | .0595656 |
| #3 | -.000183 | .0002324 | 136.2103 | .0016881 | .0010679 | .0071262 | .1051401 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5944030 | 2.512937 | .0043025 | .0011739 | 309.1080 | -.007187 | .0173289 |
| Stddev | .0090335 | .044163  | .0004740 | .0003009 | 2.2077   | .004104  | .0001896 |
| %RSD   | 1.519755 | 1.757438 | 11.01699 | 25.63024 | .7142163 | 57.10213 | 1.094378 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5945393 | 2.559700 | .0048478 | .0008802 | 309.3579 | -.009506 | .0174900 |
| #2 | .5853021 | 2.507169 | .0040701 | .0011601 | 306.7860 | -.002448 | .0173768 |
| #3 | .6033675 | 2.471940 | .0039895 | .0014814 | 311.1802 | -.009605 | .0171199 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.108268 | -.000456 | .0072928 | .0003746 | .5972758 | .3942463 | -.004582 |
| Stddev | .039156  | .003393  | .0002768 | .0003285 | .0079917 | .0045315 | .001336  |
| %RSD   | 3.533050 | 743.3492 | 3.796236 | 87.68223 | 1.338023 | 1.149415 | 29.15869 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.073087 | -.001476 | .0072939 | .0005923 | .5927005 | .3971113 | -.004220 |
| #2 | 1.150453 | -.003223 | .0075691 | -.000003 | .5926231 | .3890219 | -.003464 |
| #3 | 1.101264 | .003330  | .0070154 | .000535  | .6065037 | .3966057 | -.006061 |

Sample Name: K1691-16      Acquired: 03/19/2019 14:12:26      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CL-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.007663</b> | <b>.0046069</b> | <b>.4837227</b> |
| Stddev | .000575         | .0013657        | .0029983        |
| %RSD   | 7.509434        | 29.64381        | .6198394        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.007894</b> | <b>.0050897</b> | <b>.4834507</b> |
| #2 | <b>-.008087</b> | <b>.0030654</b> | <b>.4808696</b> |
| #3 | <b>-.007008</b> | <b>.0056656</b> | <b>.4868477</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2514.638</b> | <b>2736.870</b> | <b>57382.76</b> | <b>5388.187</b> | <b>3937.252</b> |
| Stddev    | 25.235          | 21.679          | 625.51          | 44.959          | 32.194          |
| %RSD      | 1.003512        | .7921104        | 1.090065        | .8343907        | .8176812        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2540.470</b> | <b>2739.017</b> | <b>57993.82</b> | <b>5358.079</b> | <b>3946.576</b> |
| #2 | <b>2490.047</b> | <b>2757.395</b> | <b>56743.74</b> | <b>5439.866</b> | <b>3963.755</b> |
| #3 | <b>2513.397</b> | <b>2714.197</b> | <b>57410.72</b> | <b>5366.617</b> | <b>3901.425</b> |

Sample Name: K1691-18      Acquired: 03/19/2019 14:16:18      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CL-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001697</b> | <b>-.003964</b> | <b>.0022579</b> | <b>.0036452</b> | <b>-.000847</b> | <b>.0531469</b> | <b>.1279712</b> |
| Stddev | .004110         | .002336         | .0014754        | .0014972        | .002402         | .0016254        | .0010979        |
| %RSD   | 242.1918        | 58.92209        | 65.34521        | 41.07375        | 283.4929        | 3.058246        | .8579073        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000523  | -.003824 | .0032850 | .0028457 | -.001949 | .0549443 | .1292143 |
| #2 | .000825  | -.006366 | .0029215 | .0053724 | .001908  | .0517805 | .1271343 |
| #3 | -.006440 | -.001701 | .0005672 | .0027174 | -.002502 | .0527159 | .1275650 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000217</b> | <b>.0002254</b> | <b>121.1439</b> | <b>.0019996</b> | <b>.0016928</b> | <b>.0001751</b> | <b>.1381145</b> |
| Stddev | .000089         | .0000802        | 1.2152          | .0006601        | .0003102        | .0043166        | .0180721        |
| %RSD   | 41.17984        | 35.60250        | 1.003092        | 33.01086        | 18.32225        | 2465.690        | 13.08490        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000189 | .0003179 | 122.5354 | .0023100 | .0014487 | .0051198 | .1505881 |
| #2 | -.000145 | .0001740 | 120.2920 | .0024472 | .0020418 | -.002841 | .1463658 |
| #3 | -.000317 | .0001843 | 120.6042 | .0012415 | .0015880 | -.001753 | .1173894 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6824688</b> | <b>2.379295</b> | <b>.0055426</b> | <b>.0006420</b> | <b>314.5824</b> | <b>-.006986</b> | <b>.0294944</b> |
| Stddev | .0029827        | .077133         | .0005228        | .0006404        | 2.3882          | .005043         | .0006135        |
| %RSD   | .4370495        | 3.241832        | 9.431976        | 99.74697        | .7591673        | 72.19400        | 2.079903        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6852194 | 2.416637 | .0054648 | .0011882 | 317.0683 | -.007909 | .0293604 |
| #2 | .6792984 | 2.290598 | .0050631 | .0008006 | 314.3731 | -.011503 | .0301638 |
| #3 | .6828884 | 2.430649 | .0060999 | -.000063 | 312.3057 | -.001545 | .0289591 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.199996</b> | <b>.0012790</b> | <b>.0072137</b> | <b>.0003529</b> | <b>.8611428</b> | <b>.6611296</b> | <b>-.004091</b> |
| Stddev | .040844         | .0044515        | .0007891        | .0003604        | .0190300        | .0082516        | .000651         |
| %RSD   | 3.403641        | 348.0526        | 10.93820        | 102.1269        | 2.209852        | 1.248105        | 15.90464        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.201920 | .0061514 | .0069620 | .0007404 | .8447316 | .6706562 | -.004817 |
| #2 | 1.239844 | -.002575 | .0080980 | .0002905 | .8566935 | .6565123 | -.003561 |
| #3 | 1.158225 | .000261  | .0065813 | .0000278 | .8820032 | .6562203 | -.003895 |

Sample Name: K1691-18      Acquired: 03/19/2019 14:16:18      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CL-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.004759</b> | <b>.0042910</b> | <b>.3786748</b> |
| Stddev | .002599         | .0029480        | .0017075        |
| %RSD   | 54.62269        | 68.70227        | .4509061        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.004943</b> | <b>.0008988</b> | <b>.3795293</b> |
| #2 | <b>-.002072</b> | <b>.0057405</b> | <b>.3797863</b> |
| #3 | <b>-.007261</b> | <b>.0062336</b> | <b>.3767088</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2512.505</b> | <b>2740.637</b> | <b>57405.00</b> | <b>5383.586</b> | <b>3939.999</b> |
| Stddev    | 5.379           | 23.459          | 38.47           | 56.438          | 40.251          |
| %RSD      | .2140985        | .8559521        | .0670153        | 1.048343        | 1.021603        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2518.405</b> | <b>2750.876</b> | <b>57437.19</b> | <b>5323.361</b> | <b>3962.992</b> |
| #2 | <b>2507.873</b> | <b>2757.236</b> | <b>57415.41</b> | <b>5392.134</b> | <b>3963.483</b> |
| #3 | <b>2511.237</b> | <b>2713.800</b> | <b>57362.39</b> | <b>5435.263</b> | <b>3893.522</b> |

Sample Name: K1908-02      Acquired: 03/19/2019 14:20:09      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: MH-02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017037 | -.004140 | .1023557 | .0038792 | -.001208 | .2440112 | .2347492 |
| Stddev | .0008526 | .001722  | .0015337 | .0005927 | .000905  | .0051402 | .0010150 |
| %RSD   | 50.04731 | 41.59662 | 1.498398 | 15.27834 | 74.97253 | 2.106553 | .4323694 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0009645 | -.002176 | .1008850 | .0044193 | -.002008 | .2408344 | .2341613 |
| #2 | .0026364 | -.004854 | .1022367 | .0039733 | -.000225 | .2499416 | .2359212 |
| #3 | .0015101 | -.005391 | .1039454 | .0032451 | -.001390 | .2412575 | .2341651 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000211 | .0005042 | 15.92580 | .0013299 | .0128104 | .0055817 | 1.675797 |
| Stddev | .0000348 | .0000368 | .22005   | .0003592 | .0006848 | .0024635 | .054166  |
| %RSD   | 164.6933 | 7.291863 | 1.381735 | 27.00556 | 5.345402 | 44.13473 | 3.232235 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000016 | .0005349 | 15.98178 | .0011122 | .0120945 | .0052489 | 1.638761 |
| #2 | .000053  | .0004635 | 16.11246 | .0017445 | .0128776 | .0081947 | 1.737963 |
| #3 | .000027  | .0005143 | 15.68317 | .0011332 | .0134591 | .0033016 | 1.650668 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9136622 | 1.664285 | .0298284 | .0003416 | 310.4634 | -.002286 | .0837356 |
| Stddev | .0101749 | .042624  | .0003743 | .0001809 | 2.7697   | .001895  | .0011321 |
| %RSD   | 1.113642 | 2.561087 | 1.254691 | 52.94795 | .8921061 | 82.87997 | 1.351967 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9134154 | 1.708102 | .0295694 | .0004167 | 310.6577 | -.003861 | .0841513 |
| #2 | .9239583 | 1.661790 | .0296582 | .0001353 | 313.1309 | -.002814 | .0846011 |
| #3 | .9036129 | 1.622964 | .0302575 | .0004728 | 307.6018 | -.000183 | .0824545 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8933389 | .0023959 | .0090717 | .0000542 | .3006677 | .5879590 | -.002371 |
| Stddev | .0239941 | .0020595 | .0003020 | .0000730 | .0146591 | .0067484 | .000881  |
| %RSD   | 2.685887 | 85.95573 | 3.328543 | 134.5667 | 4.875517 | 1.147767 | 37.14014 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9083417 | .0016364 | .0090701 | -.000017 | .2858098 | .5912433 | -.003387 |
| #2 | .8656657 | .0008242 | .0093745 | .000129  | .3010735 | .5924366 | -.001875 |
| #3 | .9060094 | .0047273 | .0087706 | .000050  | .3151196 | .5801972 | -.001850 |

Sample Name: K1908-02      Acquired: 03/19/2019 14:20:09      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: MH-02      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0039387</b> | <b>.0006470</b> | <b>.0567624</b> |
| Stddev | .0016679        | .0027176        | .0001911        |
| %RSD   | 42.34545        | 420.0311        | .3366340        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0058636</b> | <b>-.001600</b> | <b>.0568551</b> |
| #2 | <b>.0030290</b> | <b>-.000126</b> | <b>.0568894</b> |
| #3 | <b>.0029235</b> | <b>.003668</b>  | <b>.0565426</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2571.157</b> | <b>2785.182</b> | <b>58176.60</b> | <b>5394.462</b> | <b>4021.223</b> |
| Stddev    | 5.905           | 25.219          | 239.53          | 48.477          | 33.671          |
| %RSD      | .2296698        | .9054745        | .4117281        | .8986420        | .8373444        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2565.158</b> | <b>2789.800</b> | <b>57942.88</b> | <b>5368.544</b> | <b>4035.045</b> |
| #2 | <b>2571.350</b> | <b>2807.772</b> | <b>58165.37</b> | <b>5364.454</b> | <b>4045.783</b> |
| #3 | <b>2576.963</b> | <b>2757.972</b> | <b>58421.54</b> | <b>5450.389</b> | <b>3982.840</b> |



Sample Name: K1908-04      Acquired: 03/19/2019 14:23:59      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 101-102      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000287</b> | <b>-.005317</b> | <b>.5147264</b> | <b>.0047734</b> | <b>-.001315</b> | <b>.0497260</b> | <b>.2830059</b> |
| Stddev | .003217         | .001855         | .0046465        | .0016236        | .001222         | .0214263        | .0028075        |
| %RSD   | 1122.458        | 34.88571        | .9027143        | 34.01425        | 92.91627        | 43.08866        | .9920141        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003791</b> | <b>-.005292</b> | <b>.5120150</b> | <b>.0041978</b> | <b>-.001551</b> | <b>.0665609</b> | <b>.2812008</b> |
| #2 | <b>.002534</b>  | <b>-.003475</b> | <b>.5120726</b> | <b>.0066064</b> | <b>.000008</b>  | <b>.0570097</b> | <b>.2862404</b> |
| #3 | <b>.000397</b>  | <b>-.007185</b> | <b>.5200916</b> | <b>.0035159</b> | <b>-.002401</b> | <b>.0256075</b> | <b>.2815765</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000073</b> | <b>.0005464</b> | <b>29.09812</b> | <b>.0015761</b> | <b>.0038455</b> | <b>.0093180</b> | <b>3.604414</b> |
| Stddev | .000028         | .0000565        | .14725          | .0003177        | .0000566        | .0042191        | .030105         |
| %RSD   | 38.28425        | 10.35015        | .5060493        | 20.15473        | 1.471714        | 45.27887        | .8352129        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000046</b> | <b>.0005774</b> | <b>29.01780</b> | <b>.0012689</b> | <b>.0038855</b> | <b>.0096958</b> | <b>3.614183</b> |
| #2 | <b>-.000073</b> | <b>.0004811</b> | <b>29.26807</b> | <b>.0015563</b> | <b>.0037807</b> | <b>.0133355</b> | <b>3.628421</b> |
| #3 | <b>-.000102</b> | <b>.0005807</b> | <b>29.00851</b> | <b>.0019033</b> | <b>.0038702</b> | <b>.0049227</b> | <b>3.570638</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.279939</b> | <b>5.609272</b> | <b>.0124960</b> | <b>.0004379</b> | <b>289.7642</b> | <b>-.005218</b> | <b>.0845042</b> |
| Stddev | .005338         | .098439         | .0006087        | .0002792        | .6905           | .001286         | .0002302        |
| %RSD   | .4170444        | 1.754933        | 4.871254        | 63.74747        | .2382904        | 24.65405        | .2723782        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.276309</b> | <b>5.590850</b> | <b>.0123749</b> | <b>.0001156</b> | <b>289.2294</b> | <b>-.004208</b> | <b>.0845926</b> |
| #2 | <b>1.286068</b> | <b>5.715620</b> | <b>.0119569</b> | <b>.0006034</b> | <b>290.5437</b> | <b>-.006666</b> | <b>.0846772</b> |
| #3 | <b>1.277440</b> | <b>5.521345</b> | <b>.0131561</b> | <b>.0005947</b> | <b>289.5194</b> | <b>-.004779</b> | <b>.0842430</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5604756</b> | <b>-.000824</b> | <b>.0044941</b> | <b>-.000013</b> | <b>.1653329</b> | <b>.3797557</b> | <b>-.003531</b> |
| Stddev | .0348078        | .002471         | .0003236        | .000255         | .0048765        | .0049996        | .000857         |
| %RSD   | 6.210409        | 299.9710        | 7.200681        | 1978.502        | 2.949472        | 1.316523        | 24.26237        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.5342529</b> | <b>-.003455</b> | <b>.0042760</b> | <b>-.000039</b> | <b>.1608014</b> | <b>.3833499</b> | <b>-.002740</b> |
| #2 | <b>.5999662</b> | <b>.001447</b>  | <b>.0043403</b> | <b>-.000253</b> | <b>.1647041</b> | <b>.3818710</b> | <b>-.003412</b> |
| #3 | <b>.5472078</b> | <b>-.000463</b> | <b>.0048659</b> | <b>.000254</b>  | <b>.1704932</b> | <b>.3740462</b> | <b>-.004441</b> |

Sample Name: K1908-04      Acquired: 03/19/2019 14:23:59      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 101-102      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.004810</b> | <b>-.001707</b> | <b>.0660220</b> |
| Stddev | .002047         | .001709         | .0005242        |
| %RSD   | 42.55049        | 100.1293        | .7939004        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.007119</b> | <b>-.003670</b> | <b>.0655972</b> |
| #2 | <b>-.003221</b> | <b>-.000899</b> | <b>.0666078</b> |
| #3 | <b>-.004089</b> | <b>-.000552</b> | <b>.0658610</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2567.813</b> | <b>2795.435</b> | <b>58120.31</b> | <b>5517.196</b> | <b>4029.133</b> |
| Stddev    | 5.574           | 27.437          | 201.37          | 26.187          | 32.816          |
| %RSD      | .2170545        | .9814759        | .3464697        | .4746434        | .8144598        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2562.375</b> | <b>2805.188</b> | <b>58298.34</b> | <b>5504.156</b> | <b>4042.526</b> |
| #2 | <b>2567.551</b> | <b>2816.662</b> | <b>57901.77</b> | <b>5500.090</b> | <b>4053.133</b> |
| #3 | <b>2573.513</b> | <b>2764.454</b> | <b>58160.82</b> | <b>5547.343</b> | <b>3991.739</b> |

Sample Name: K1908-06      Acquired: 03/19/2019 14:27:49      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 93-94      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0022172 | -.002929 | .0419778 | .0046428 | -.000378 | .1004416 | .1284318 |
| Stddev | .0026170 | .002855  | .0017796 | .0001942 | .002029  | .0054222 | .0008937 |
| %RSD   | 118.0300 | 97.47351 | 4.239387 | 4.182749 | 536.2690 | 5.398329 | .6958435 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0017237 | -.002050 | .0418062 | .0046701 | .000593  | .0957135 | .1274016 |
| #2 | -.000118 | -.006121 | .0402902 | .0044364 | .000983  | .1063601 | .1289986 |
| #3 | .005046  | -.000617 | .0438369 | .0048219 | -.002711 | .0992513 | .1288952 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000028 | .0002992 | 4.250819 | .0007988 | .0155374 | .0056021 | 7.901165 |
| Stddev | .0000262 | .0000266 | .041165  | .0001224 | .0002846 | .0052800 | .067224  |
| %RSD   | 943.9591 | 8.894270 | .9683977 | 15.32240 | 1.831541 | 94.25051 | .8508168 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000018 | .0002851 | 4.285592 | .0008471 | .0152604 | .0103670 | 7.978788 |
| #2 | -.000006 | .0002827 | 4.205367 | .0008897 | .0155228 | -.000074 | 7.861921 |
| #3 | .000032  | .0003299 | 4.261497 | .0006597 | .0158290 | .006514  | 7.862787 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5035056 | .9264584 | .0457377 | .0001600 | 262.9473 | -.000379 | .0510618 |
| Stddev | .0065237 | .0047388 | .0003517 | .0002987 | 1.2564   | .003783  | .0004132 |
| %RSD   | 1.295657 | .5114914 | .7690263 | 186.6344 | .4777989 | 997.4781 | .8093168 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5084701 | .9220026 | .0458401 | .0001172 | 264.3927 | -.004068 | .0513651 |
| #2 | .4961168 | .9259357 | .0453462 | .0004778 | 262.3320 | -.000561 | .0505911 |
| #3 | .5059299 | .9314368 | .0460269 | -.000115 | 262.1171 | .003491  | .0512293 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5990820 | -.001378 | .0000601 | .0002727 | .0857814 | .3444854 | -.002444 |
| Stddev | .0356243 | .001053  | .0009664 | .0003761 | .0066052 | .0029931 | .000925  |
| %RSD   | 5.946487 | 76.36035 | 1607.585 | 137.9329 | 7.700060 | .8688582 | 37.85473 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6108720 | -.002525 | .0010070 | .0007066 | .0784333 | .3479329 | -.002663 |
| #2 | .5590573 | -.001153 | .0000980 | .0000414 | .0876852 | .3425501 | -.003240 |
| #3 | .6273168 | -.000457 | -.000925 | .0000699 | .0912256 | .3429732 | -.001429 |

Sample Name: K1908-06      Acquired: 03/19/2019 14:27:49      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 93-94      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000595</b> | <b>-.001075</b> | <b>.0247350</b> |
| Stddev | .001314         | .003183         | .0001089        |
| %RSD   | 220.9594        | 296.1251        | .4404267        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002080</b> | <b>-.003173</b> | <b>.0246535</b> |
| #2 | <b>-.000122</b> | <b>-.002640</b> | <b>.0248587</b> |
| #3 | <b>.000418</b>  | <b>.002588</b>  | <b>.0246928</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2605.297</b> | <b>2837.895</b> | <b>58952.53</b> | <b>5466.243</b> | <b>4119.256</b> |
| Stddev    | 12.623          | 19.441          | 271.29          | 15.970          | 26.109          |
| %RSD      | .4845062        | .6850368        | .4601893        | .2921582        | .6338364        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2612.864</b> | <b>2837.874</b> | <b>59263.76</b> | <b>5447.810</b> | <b>4126.413</b> |
| #2 | <b>2612.303</b> | <b>2857.347</b> | <b>58766.07</b> | <b>5475.910</b> | <b>4141.040</b> |
| #3 | <b>2590.725</b> | <b>2818.465</b> | <b>58827.75</b> | <b>5475.010</b> | <b>4090.314</b> |

Sample Name: K1931-03      Acquired: 03/19/2019 14:31:40      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: LSP-1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0025163 | -.004446 | .0028364 | .0065240 | -.001810 | .0186918 | .4393060 |
| Stddev | .0009407 | .001065  | .0015409 | .0013459 | .000793  | .0040129 | .0035750 |
| %RSD   | 37.38217 | 23.96618 | 54.32573 | 20.62939 | 43.82379 | 21.46874 | .8137744 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0036021 | -.003665 | .0029418 | .0059320 | -.000919 | .0196688 | .4357154 |
| #2 | .0019988 | -.005660 | .0012455 | .0080644 | -.002072 | .0142807 | .4393375 |
| #3 | .0019480 | -.004012 | .0043219 | .0055757 | -.002439 | .0221260 | .4428651 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000190 | .0005314 | 10.19821 | -.002525 | .0021464 | .0061871 | 34.82961 |
| Stddev | .0000407 | .0000601 | .17634   | .000507  | .0002431 | .0020870 | .41598   |
| %RSD   | 214.8777 | 11.31833 | 1.729127 | 20.09361 | 11.32713 | 33.73158 | 1.194338 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000026 | .0004878 | 9.99775  | -.002400 | .0022672 | .0039807 | 34.35587 |
| #2 | .000029  | .0005064 | 10.26747 | -.002092 | .0018665 | .0081296 | 34.99778 |
| #3 | .000054  | .0006000 | 10.32941 | -.003084 | .0023055 | .0064510 | 35.13518 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1780065 | 1.685217 | .0137453 | -.000785 | 266.2782 | -.000692 | .1949050 |
| Stddev | .0028459 | .043726  | .0005206 | .000386  | 3.1226   | .001654  | .0010555 |
| %RSD   | 1.598756 | 2.594662 | 3.787136 | 49.09055 | 1.172676 | 239.1230 | .5415211 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1776777 | 1.687401 | .0142986 | -.000878 | 262.6963 | -.000372 | .1961237 |
| #2 | .1753393 | 1.640440 | .0136722 | -.000362 | 267.7110 | .000780  | .1942881 |
| #3 | .1810025 | 1.727809 | .0132652 | -.001116 | 268.4272 | -.002482 | .1943031 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8680974 | .5619885 | .0650537 | -.000149 | .5460205 | .6992039 | -.001315 |
| Stddev | .0700728 | .0076567 | .0023888 | .000296  | .0068268 | .0025929 | .000951  |
| %RSD   | 8.071999 | 1.362437 | 3.671996 | 198.1303 | 1.250288 | .3708365 | 72.29004 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8188722 | .5581566 | .0624015 | .000173  | .5415745 | .6976882 | -.002316 |
| #2 | .8370966 | .5570042 | .0670360 | -.000410 | .5426061 | .7021978 | -.001203 |
| #3 | .9483235 | .5708047 | .0657236 | -.000211 | .5538809 | .6977256 | -.000425 |

Sample Name: K1931-03      Acquired: 03/19/2019 14:31:40      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: LSP-1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001991</b> | <b>-.000226</b> | <b>.0616704</b> |
| Stddev | .002383         | .001054         | .0004688        |
| %RSD   | 119.6746        | 465.7267        | .7601342        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000720</b> | <b>-.001430</b> | <b>.0612023</b> |
| #2 | <b>-.004740</b> | <b>.000530</b>  | <b>.0616691</b> |
| #3 | <b>-.000513</b> | <b>.000221</b>  | <b>.0621399</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2622.149</b> | <b>2837.916</b> | <b>59238.52</b> | <b>5500.170</b> | <b>4137.471</b> |
| Stddev    | 20.598          | 17.801          | 284.73          | 66.289          | 30.589          |
| %RSD      | .7855396        | .6272420        | .4806485        | 1.205221        | .7393215        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2611.501</b> | <b>2850.460</b> | <b>58964.91</b> | <b>5574.060</b> | <b>4151.264</b> |
| #2 | <b>2645.892</b> | <b>2845.746</b> | <b>59533.20</b> | <b>5480.530</b> | <b>4158.735</b> |
| #3 | <b>2609.054</b> | <b>2817.543</b> | <b>59217.46</b> | <b>5445.920</b> | <b>4102.414</b> |

Sample Name: K1940-01      Acquired: 03/19/2019 14:35:29      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: OWS      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0030270 | -.004901 | .0039363 | .0048502 | .0037766 | .1227162 | .1506328 |
| Stddev | .0048024 | .002549  | .0011513 | .0045536 | .0021054 | .0040730 | .0007107 |
| %RSD   | 158.6551 | 52.01026 | 29.24921 | 93.88387 | 55.74793 | 3.319075 | .4717873 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012859 | -.005347 | .0026472 | .0067606 | .0019108 | .1186799 | .1513704 |
| #2 | .0084570 | -.002159 | .0048624 | -.000347 | .0033599 | .1226436 | .1505754 |
| #3 | -.000662 | -.007198 | .0042993 | .008137  | .0060592 | .1268250 | .1499526 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000188 | .0001955 | 11.59126 | .0024295 | .0038621 | .0088073 | 4.647709 |
| Stddev | .000021  | .0000462 | .08087   | .0004375 | .0002441 | .0041175 | .014991  |
| %RSD   | 11.33467 | 23.66184 | .6976511 | 18.00922 | 6.321241 | 46.75092 | .3225557 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000177 | .0002413 | 11.53920 | .0020968 | .0040786 | .0041436 | 4.638634 |
| #2 | -.000174 | .0001963 | 11.68442 | .0029252 | .0039101 | .0103387 | 4.665012 |
| #3 | -.000212 | .0001488 | 11.55016 | .0022666 | .0035975 | .0119397 | 4.639479 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0175549 | .2545338 | .0270122 | .0005952 | 299.5018 | -.000136 | .1644897 |
| Stddev | .0016272 | .0431292 | .0003952 | .0006592 | 1.1362   | .002615  | .0005992 |
| %RSD   | 9.269303 | 16.94438 | 1.463201 | 110.7586 | .3793574 | 1922.311 | .3643073 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0193561 | .2111821 | .0266804 | .0004318 | 298.9722 | -.003023 | .1647811 |
| #2 | .0161911 | .2549824 | .0269068 | .0000330 | 300.8060 | .000543  | .1648875 |
| #3 | .0171176 | .2974369 | .0274495 | .0013207 | 298.7270 | .002072  | .1638005 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2328842 | .1213373 | .0124441 | .0062417 | 1.449439 | .2144574 | -.002439 |
| Stddev | .0891874 | .0016743 | .0017271 | .0001746 | .018764  | .0019884 | .001169  |
| %RSD   | 38.29689 | 1.379860 | 13.87865 | 2.796892 | 1.294603 | .9271614 | 47.92923 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1306143 | .1209234 | .0112801 | .0060886 | 1.431813 | .2129064 | -.002663 |
| #2 | .2735288 | .1231797 | .0116237 | .0062048 | 1.447340 | .2137668 | -.003481 |
| #3 | .2945096 | .1199088 | .0144285 | .0064319 | 1.469165 | .2166990 | -.001175 |

Sample Name: K1940-01      Acquired: 03/19/2019 14:35:29      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: OWS      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0004446 | .0029577 | .0391446 |
| Stddev | .0011739 | .0008151 | .0002326 |
| %RSD   | 264.0160 | 27.55912 | .5941621 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000339 | .0021022 | .0393804 |
| #2 | -.000121 | .0030457 | .0391379 |
| #3 | .001794  | .0037253 | .0389154 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2515.372 | 2724.837 | 56782.21 | 5313.194 | 3953.350 |
| Stddev    | 23.238   | 17.174   | 389.54   | 22.276   | 26.617   |
| %RSD      | .9238372 | .6302699 | .6860247 | .4192578 | .6732821 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2515.556 | 2729.183 | 57044.10 | 5335.700 | 3961.855 |
| #2 | 2492.043 | 2739.420 | 56334.56 | 5291.155 | 3974.676 |
| #3 | 2538.517 | 2705.907 | 56967.98 | 5312.727 | 3923.520 |



Sample Name: K1958-02      Acquired: 03/19/2019 14:39:19      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TP-1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003249</b> | <b>-.003956</b> | <b>.0033866</b> | <b>.0032308</b> | <b>-.001692</b> | <b>.1314706</b> | <b>.1280897</b> |
| Stddev | .002741         | .001328         | .0024315        | .0028898        | .001367         | .0143030        | .0019350        |
| %RSD   | 84.37524        | 33.56377        | 71.79832        | 89.44377        | 80.79140        | 10.87920        | 1.510640        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000469</b> | <b>-.002585</b> | <b>.0009592</b> | <b>.0056741</b> | <b>-.000225</b> | <b>.1329843</b> | <b>.1279364</b> |
| #2 | <b>-.005950</b> | <b>-.004047</b> | <b>.0033784</b> | <b>.0039774</b> | <b>-.002930</b> | <b>.1449565</b> | <b>.1300968</b> |
| #3 | <b>-.003328</b> | <b>-.005235</b> | <b>.0058223</b> | <b>.0000410</b> | <b>-.001920</b> | <b>.1164710</b> | <b>.1262360</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000092</b> | <b>.0001550</b> | <b>2.971657</b> | <b>.0007842</b> | <b>-.000326</b> | <b>.0022046</b> | <b>-.000084</b> |
| Stddev | .000008         | .0000339        | .013499         | .0006155        | .000216         | .0048519        | .018714         |
| %RSD   | 9.006709        | 21.89121        | .4542610        | 78.48281        | 66.24626        | 220.0821        | 22354.97        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000100</b> | <b>.0001574</b> | <b>2.986682</b> | <b>.0005106</b> | <b>-.000575</b> | <b>.0061463</b> | <b>.020517</b>  |
| #2 | <b>-.000083</b> | <b>.0001200</b> | <b>2.967741</b> | <b>.0014890</b> | <b>-.000201</b> | <b>-.003214</b> | <b>-.004736</b> |
| #3 | <b>-.000093</b> | <b>.0001877</b> | <b>2.960550</b> | <b>.0003530</b> | <b>-.000202</b> | <b>.003682</b>  | <b>-.016033</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0102581</b> | <b>.9078114</b> | <b>.0012685</b> | <b>.0009205</b> | <b>273.1834</b> | <b>-.001754</b> | <b>.0130292</b> |
| Stddev | .0020792        | .0772958        | .0002668        | .0006597        | .7200           | .004556         | .0003697        |
| %RSD   | 20.26841        | 8.514522        | 21.03118        | 71.66665        | .2635495        | 259.8132        | 2.837477        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0108079</b> | <b>.9053933</b> | <b>.0009666</b> | <b>.0011491</b> | <b>272.4711</b> | <b>.001889</b>  | <b>.0128730</b> |
| #2 | <b>.0120071</b> | <b>.9862880</b> | <b>.0013662</b> | <b>.0001769</b> | <b>273.9108</b> | <b>-.000288</b> | <b>.0127633</b> |
| #3 | <b>.0079593</b> | <b>.8317531</b> | <b>.0014726</b> | <b>.0014355</b> | <b>273.1683</b> | <b>-.006862</b> | <b>.0134514</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4122343</b> | <b>-.000168</b> | <b>.0009913</b> | <b>.0002826</b> | <b>.2142695</b> | <b>.1131819</b> | <b>-.001888</b> |
| Stddev | .0152667        | .003046         | .0009816        | .0003253        | .0031242        | .0019403        | .000794         |
| %RSD   | 3.703402        | 1813.266        | 99.02253        | 115.1253        | 1.458079        | 1.714330        | 42.07052        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.4130933</b> | <b>-.001505</b> | <b>.0018302</b> | <b>-.000080</b> | <b>.2135379</b> | <b>.1125047</b> | <b>-.001747</b> |
| #2 | <b>.4270534</b> | <b>-.002317</b> | <b>-.000088</b> | <b>.000550</b>  | <b>.2115760</b> | <b>.1116709</b> | <b>-.002744</b> |
| #3 | <b>.3965563</b> | <b>.003318</b>  | <b>.001232</b>  | <b>.000377</b>  | <b>.2176946</b> | <b>.1153700</b> | <b>-.001174</b> |

Sample Name: K1958-02      Acquired: 03/19/2019 14:39:19      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TP-1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000673</b> | <b>-.003175</b> | <b>.0161618</b> |
| Stddev | .001538         | .002668         | .0001905        |
| %RSD   | 228.4146        | 84.03507        | 1.178793        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002351</b> | <b>-.004982</b> | <b>.0163280</b> |
| #2 | <b>-.000340</b> | <b>-.004431</b> | <b>.0159538</b> |
| #3 | <b>.000671</b>  | <b>-.000111</b> | <b>.0162035</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2567.348</b> | <b>2808.046</b> | <b>57884.71</b> | <b>5369.747</b> | <b>4082.660</b> |
| Stddev    | 11.218          | 14.898          | 110.85          | 5.109           | 20.351          |
| %RSD      | .4369505        | .5305508        | .1915007        | .0951466        | .4984807        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2580.243</b> | <b>2808.521</b> | <b>58010.19</b> | <b>5364.060</b> | <b>4080.428</b> |
| #2 | <b>2559.838</b> | <b>2822.700</b> | <b>57843.81</b> | <b>5373.950</b> | <b>4104.035</b> |
| #3 | <b>2561.963</b> | <b>2792.915</b> | <b>57800.11</b> | <b>5371.230</b> | <b>4063.517</b> |

Sample Name: K1958-04      Acquired: 03/19/2019 14:43:12      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TP-2      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002024</b> | <b>-.002962</b> | <b>.0000147</b> | <b>.0042045</b> | <b>-.002749</b> | <b>.1204642</b> | <b>.1145489</b> |
| Stddev | .000980         | .001137         | .0011511        | .0012588        | .001299         | .0113410        | .0020392        |
| %RSD   | 48.41636        | 38.40040        | 7814.258        | 29.93818        | 47.25645        | 9.414444        | 1.780240        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002506</b> | <b>-.004185</b> | <b>-.000333</b> | <b>.0049089</b> | <b>-.002569</b> | <b>.1085494</b> | <b>.1122112</b> |
| #2 | <b>-.002670</b> | <b>-.002765</b> | <b>-.000922</b> | <b>.0049533</b> | <b>-.004129</b> | <b>.1217153</b> | <b>.1159622</b> |
| #3 | <b>-.000896</b> | <b>-.001936</b> | <b>.001300</b>  | <b>.0027512</b> | <b>-.001550</b> | <b>.1311277</b> | <b>.1154733</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000087</b> | <b>.0001800</b> | <b>2.060431</b> | <b>.0012336</b> | <b>-.000488</b> | <b>.0039143</b> | <b>-.010751</b> |
| Stddev | .000038         | .0000193        | .021047         | .0004331        | .000035         | .0034187        | .010635         |
| %RSD   | 43.91064        | 10.71339        | 1.021484        | 35.10881        | 7.091652        | 87.34082        | 98.92452        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000063</b> | <b>.0002004</b> | <b>2.036652</b> | <b>.0007724</b> | <b>-.000469</b> | <b>.0023228</b> | <b>-.004417</b> |
| #2 | <b>-.000131</b> | <b>.0001620</b> | <b>2.076670</b> | <b>.0012968</b> | <b>-.000466</b> | <b>.0078386</b> | <b>-.023030</b> |
| #3 | <b>-.000067</b> | <b>.0001777</b> | <b>2.067969</b> | <b>.0016317</b> | <b>-.000528</b> | <b>.0015814</b> | <b>-.004806</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0220278</b> | <b>.6121328</b> | <b>.0019029</b> | <b>.0006516</b> | <b>295.2099</b> | <b>.0029203</b> | <b>.0171838</b> |
| Stddev | .0000883        | .0354914        | .0001272        | .0001273        | 2.7454          | .0055838        | .0001461        |
| %RSD   | .4006577        | 5.797989        | 6.684521        | 19.54259        | .9299980        | 191.2087        | .8499859        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0219902</b> | <b>.5916424</b> | <b>.0019346</b> | <b>.0006874</b> | <b>292.0465</b> | <b>.0091259</b> | <b>.0171313</b> |
| #2 | <b>.0219645</b> | <b>.6531147</b> | <b>.0020113</b> | <b>.0005102</b> | <b>296.9706</b> | <b>-.001698</b> | <b>.0170711</b> |
| #3 | <b>.0221286</b> | <b>.5916413</b> | <b>.0017629</b> | <b>.0007573</b> | <b>296.6127</b> | <b>.001333</b>  | <b>.0173488</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0602442</b> | <b>-.002412</b> | <b>-.000184</b> | <b>.0001619</b> | <b>.2179320</b> | <b>.0808891</b> | <b>-.001769</b> |
| Stddev | .0372607        | .002274         | .001038         | .0000901        | .0020790        | .0014597        | .001487         |
| %RSD   | 61.84947        | 94.29702        | 563.8913        | 55.67626        | .9539506        | 1.804615        | 84.08202        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0178357</b> | <b>-.003852</b> | <b>-.001137</b> | <b>.0002653</b> | <b>.2164161</b> | <b>.0821669</b> | <b>-.003365</b> |
| #2 | <b>.0877332</b> | <b>.000210</b>  | <b>-.000337</b> | <b>.0001207</b> | <b>.2170781</b> | <b>.0812022</b> | <b>-.000421</b> |
| #3 | <b>.0751638</b> | <b>-.003594</b> | <b>.000922</b>  | <b>.0000997</b> | <b>.2203020</b> | <b>.0792982</b> | <b>-.001521</b> |

Sample Name: K1958-04      Acquired: 03/19/2019 14:43:12      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: TP-2      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000822</b> | <b>-.001530</b> | <b>.0117678</b> |
| Stddev | .001090         | .001851         | .0001204        |
| %RSD   | 132.6400        | 121.0165        | 1.022748        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002023</b> | <b>-.001209</b> | <b>.0117048</b> |
| #2 | <b>-.000547</b> | <b>.000140</b>  | <b>.0116920</b> |
| #3 | <b>.000105</b>  | <b>-.003520</b> | <b>.0119066</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2596.923</b> | <b>2811.629</b> | <b>58552.73</b> | <b>5437.124</b> | <b>4070.160</b> |
| Stddev    | 5.122           | 16.826          | 115.22          | 20.773          | 24.319          |
| %RSD      | .1972412        | .5984430        | .1967785        | .3820584        | .5975025        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2591.009</b> | <b>2823.685</b> | <b>58459.88</b> | <b>5429.650</b> | <b>4084.440</b> |
| #2 | <b>2599.930</b> | <b>2818.795</b> | <b>58681.68</b> | <b>5421.122</b> | <b>4083.959</b> |
| #3 | <b>2599.830</b> | <b>2792.406</b> | <b>58516.64</b> | <b>5460.600</b> | <b>4042.080</b> |

Sample Name: K1958-06      Acquired: 03/19/2019 14:47:05      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TP-3      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.006116</b> | <b>-.004617</b> | <b>.0021164</b> | <b>.0030732</b> | <b>-.002773</b> | <b>.1185833</b> | <b>.0922424</b> |
| Stddev | .003195         | .000906         | .0005984        | .0008610        | .002268         | .0074794        | .0010618        |
| %RSD   | 52.24553        | 19.63134        | 28.27213        | 28.01737        | 81.80362        | 6.307272        | 1.151065        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002857</b> | <b>-.005649</b> | <b>.0017353</b> | <b>.0039925</b> | <b>-.003475</b> | <b>.1125969</b> | <b>.0916117</b> |
| #2 | <b>-.006247</b> | <b>-.004249</b> | <b>.0018079</b> | <b>.0022856</b> | <b>-.004607</b> | <b>.1161854</b> | <b>.0916473</b> |
| #3 | <b>-.009243</b> | <b>-.003952</b> | <b>.0028061</b> | <b>.0029415</b> | <b>-.000237</b> | <b>.1269675</b> | <b>.0934683</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000148</b> | <b>.0001744</b> | <b>1.962009</b> | <b>.0005525</b> | <b>-.000317</b> | <b>.0025306</b> | <b>.0015184</b> |
| Stddev | .000050         | .0000807        | .031593         | .0002560        | .000262         | .0033938        | .0239629        |
| %RSD   | 33.54867        | 46.27451        | 1.610224        | 46.33439        | 82.56411        | 134.1100        | 1578.170        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000204</b> | <b>.0002666</b> | <b>1.931047</b> | <b>.0003426</b> | <b>-.000380</b> | <b>.0063231</b> | <b>.0285873</b> |
| #2 | <b>-.000133</b> | <b>.0001398</b> | <b>1.994197</b> | <b>.0004772</b> | <b>-.000030</b> | <b>.0014886</b> | <b>-.016984</b> |
| #3 | <b>-.000108</b> | <b>.0001168</b> | <b>1.960782</b> | <b>.0008378</b> | <b>-.000542</b> | <b>-.000220</b> | <b>-.007048</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0130057</b> | <b>.6730844</b> | <b>.0021810</b> | <b>.0012283</b> | <b>279.8981</b> | <b>-.001552</b> | <b>.0114225</b> |
| Stddev | .0007159        | .1170841        | .0004906        | .0003078        | 1.7572          | .004082         | .0002865        |
| %RSD   | 5.504669        | 17.39517        | 22.49450        | 25.05770        | .6277899        | 263.0664        | 2.507903        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0128571</b> | <b>.7014345</b> | <b>.0016183</b> | <b>.0014142</b> | <b>278.0581</b> | <b>.001259</b>  | <b>.0113470</b> |
| #2 | <b>.0123757</b> | <b>.5444283</b> | <b>.0025194</b> | <b>.0013977</b> | <b>280.0774</b> | <b>-.006233</b> | <b>.0117391</b> |
| #3 | <b>.0137843</b> | <b>.7733903</b> | <b>.0024052</b> | <b>.0008730</b> | <b>281.5587</b> | <b>.000319</b>  | <b>.0111813</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0648796</b> | <b>-.002227</b> | <b>-.000221</b> | <b>-.000073</b> | <b>.3126091</b> | <b>.0939905</b> | <b>-.001505</b> |
| Stddev | .0759013        | .000339         | .000746         | .000204         | .0035175        | .0001743        | .000491         |
| %RSD   | 116.9880        | 15.21434        | 337.1282        | 280.2706        | 1.125197        | .1854686        | 32.59129        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0873709</b> | <b>-.002093</b> | <b>.000118</b>  | <b>-.000298</b> | <b>.3132608</b> | <b>.0938726</b> | <b>-.001070</b> |
| #2 | <b>.1269934</b> | <b>-.001975</b> | <b>-.001076</b> | <b>-.000018</b> | <b>.3088114</b> | <b>.0941907</b> | <b>-.001409</b> |
| #3 | <b>-.019726</b> | <b>-.002612</b> | <b>.000294</b>  | <b>.000099</b>  | <b>.3157552</b> | <b>.0939081</b> | <b>-.002037</b> |

Sample Name: K1958-06      Acquired: 03/19/2019 14:47:05      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: TP-3      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000931</b> | <b>-.002732</b> | <b>.0112959</b> |
| Stddev | .000905         | .000564         | .0000941        |
| %RSD   | 97.29322        | 20.63809        | .8328930        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.001551</b> | <b>-.002311</b> | <b>.0113687</b> |
| #2 | <b>-.001349</b> | <b>-.002513</b> | <b>.0113293</b> |
| #3 | <b>.000108</b>  | <b>-.003373</b> | <b>.0111897</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2569.885</b> | <b>2794.714</b> | <b>58064.12</b> | <b>5353.290</b> | <b>4061.158</b> |
| Stddev    | 19.543          | 16.064          | 377.35          | 15.080          | 22.283          |
| %RSD      | .7604681        | .5748132        | .6498811        | .2816933        | .5486943        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2557.781</b> | <b>2803.419</b> | <b>57879.79</b> | <b>5351.340</b> | <b>4071.163</b> |
| #2 | <b>2559.444</b> | <b>2804.547</b> | <b>57814.36</b> | <b>5339.280</b> | <b>4076.685</b> |
| #3 | <b>2592.431</b> | <b>2776.176</b> | <b>58498.20</b> | <b>5369.250</b> | <b>4035.626</b> |

Sample Name: CCV04      Acquired: 03/19/2019 14:50:57      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCV14704      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.151900</b> | <b>5.157193</b> | <b>5.002303</b> | <b>4.974978</b> | <b>5.209390</b> | <b>9.958911</b> |
| Stddev | .041966         | .051634         | .050945         | .038897         | .047968         | .098935         |
| %RSD   | .8145680        | 1.001207        | 1.018431        | .7818478        | .9207895        | .9934316        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.120685 | 5.129839 | 4.973139 | 4.936680 | 5.178132 | 10.00252 |
| #2 | 5.135408 | 5.124989 | 4.972642 | 4.973806 | 5.185421 | 9.84566  |
| #3 | 5.199606 | 5.216749 | 5.061129 | 5.014447 | 5.264619 | 10.02855 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.46094</b> | <b>.2334209</b> | <b>2.356653</b> | <b>24.89501</b> | <b>.9753235</b> | <b>2.525251</b> |
| Stddev | .10150          | .0016741        | .019145         | .07888          | .0079995        | .022748         |
| %RSD   | .9702308        | .7171997        | .8123948        | .3168417        | .8201906        | .9008265        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.50494 | .2350937 | 2.343962 | 24.82441 | .9796026 | 2.508950 |
| #2 | 10.34487 | .2334236 | 2.347322 | 24.88048 | .9660946 | 2.515564 |
| #3 | 10.53302 | .2317455 | 2.378675 | 24.98015 | .9802733 | 2.551239 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.313661</b> | <b>4.854439</b> | <b>2.514099</b> | <b>23.74047</b> | <b>2.524285</b> | <b>1.233109</b> |
| Stddev | .015261         | .064229         | .023154         | .25569          | .023067         | .011000         |
| %RSD   | 1.161716        | 1.323091        | .9209726        | 1.077027        | .9138023        | .8920190        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.325101 | 4.837457 | 2.492057 | 23.94170 | 2.507931 | 1.243139 |
| #2 | 1.296333 | 4.800407 | 2.512017 | 23.45275 | 2.514256 | 1.221346 |
| #3 | 1.319549 | 4.925452 | 2.538224 | 23.82696 | 2.550669 | 1.234842 |

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774            | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>25.32343</b> | <b>2.504097</b> | <b>2.556519</b> | <b>25.51055</b> | <b>F 5.689979</b> | <b>4.736999</b> |
| Stddev | .28772          | .029069         | .010462         | .16117          | .057530           | .036479         |
| %RSD   | 1.136170        | 1.160845        | .4092151        | .6317703        | 1.011083          | .7700954        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 25.32771 | 2.499992 | 2.564134 | 25.59653 | 5.649170 | 4.778852 |
| #2 | 25.03360 | 2.477300 | 2.544590 | 25.32462 | 5.664989 | 4.720192 |
| #3 | 25.60899 | 2.535000 | 2.560832 | 25.61049 | 5.755779 | 4.711952 |

Sample Name: CCV04      Acquired: 03/19/2019 14:50:57      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCV14704      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.884939</b> | <b>4.987375</b> | <b>4.632385</b> | <b>4.949356</b> | <b>5.023234</b> | <b>4.970067</b> |
| Stddev | .040781         | .051331         | .028141         | .050550         | .040077         | .048809         |
| %RSD   | .8348302        | 1.029226        | .6074850        | 1.021355        | .7978381        | .9820625        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.851040 | 4.946064 | 4.664762 | 4.920602 | 5.024362 | 4.983110 |
| #2 | 4.873582 | 4.971221 | 4.618591 | 4.919741 | 4.982605 | 4.916062 |
| #3 | 4.930194 | 5.044841 | 4.613803 | 5.007725 | 5.062736 | 5.011030 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>4.800792</b> |
| Stddev | .040230         |
| %RSD   | .8379767        |

|    |          |
|----|----------|
| #1 | 4.819539 |
| #2 | 4.754611 |
| #3 | 4.828227 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2594.060</b> | <b>2822.575</b> | <b>57766.07</b> | <b>5351.736</b> | <b>4120.018</b> |
| Stddev    | 14.829          | 18.920          | 429.83          | 12.944          | 31.094          |
| %RSD      | .5716390        | .6703201        | .7440871        | .2418694        | .7546954        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2592.554 | 2834.604 | 57647.03 | 5336.790 | 4134.739 |
| #2 | 2609.584 | 2832.355 | 58242.88 | 5359.067 | 4141.016 |
| #3 | 2580.042 | 2800.767 | 57408.31 | 5359.350 | 4084.297 |



Sample Name: CCB04      Acquired: 03/19/2019 14:54:30      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCB14704      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0041600 | -.001733 | -.001383 | .0033985 | -.001864 | -.015908 | -.005017 |
| Stddev | .0039956 | .002200  | .001709  | .0023426 | .000504  | .007877  | .000986  |
| %RSD   | 96.04770 | 126.9492 | 123.5754 | 68.93220 | 27.04662 | 49.51819 | 19.65814 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001068 | .000658  | -.002213 | .0026999 | -.001577 | -.024679 | -.003972 |
| #2 | .0080954 | -.002186 | -.002518 | .0060109 | -.001569 | -.013608 | -.005931 |
| #3 | .0042779 | -.003670 | .000582  | .0014846 | -.002446 | -.009436 | -.005147 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000299 | .0000263 | .0144206 | .0001071 | -.000094 | -.001949 | .0032674 |
| Stddev | .0000680 | .0000871 | .0262997 | .0001178 | .000146  | .002165  | .0077344 |
| %RSD   | 227.5718 | 330.6822 | 182.3755 | 109.9782 | 155.5092 | 111.0658 | 236.7117 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000343 | .0000791 | -.015938 | .0000331 | .000046  | -.000334 | -.005618 |
| #2 | -.000040 | -.000074 | .030247  | .0000452 | -.000245 | -.001104 | .008491  |
| #3 | .000096  | .000074  | .028953  | .0002429 | -.000083 | -.004409 | .006929  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005001 | -.017575 | -.000152 | .0012999 | -.398656 | .0004495 | -.001088 |
| Stddev | .0020727 | .020665  | .000167  | .0002169 | .194463  | .0099196 | .000137  |
| %RSD   | 414.4228 | 117.5802 | 110.1602 | 16.68492 | 48.77968 | 2207.018 | 12.60900 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0028636 | .005497  | .000011  | .0015240 | -.538302 | .0083889 | -.001247 |
| #2 | -.000354 | -.023839 | -.000143 | .0012846 | -.176550 | .0036296 | -.001001 |
| #3 | -.001009 | -.034384 | -.000323 | .0010911 | -.481117 | -.010670 | -.001017 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0678111 | -.006250 | .0049987 | .0002615 | -.001810 | -.002503 | -.000597 |
| Stddev | .0296350 | .001053  | .0006423 | .0002862 | .001430  | .000756  | .000480  |
| %RSD   | 43.70230 | 16.85083 | 12.84876 | 109.4682 | 78.99647 | 30.20433 | 80.34067 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0343620 | -.007313 | .0057277 | .0002312 | -.000615 | -.002184 | -.000081 |
| #2 | .0782825 | -.005207 | .0045159 | -.000008 | -.003394 | -.001958 | -.000681 |
| #3 | .0907889 | -.006230 | .0047526 | .000562  | -.001422 | -.003365 | -.001030 |

Sample Name: CCB04      Acquired: 03/19/2019 14:54:30      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: CCB14704      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.002834</b> | <b>-.000152</b> | <b>.0000300</b> |
| Stddev | .001381         | .003099         | .0000039        |
| %RSD   | 48.72247        | 2040.653        | 12.80594        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.004421</b> | <b>-.003695</b> | <b>.0000342</b> |
| #2 | <b>-.001912</b> | <b>.001186</b>  | <b>.0000266</b> |
| #3 | <b>-.002168</b> | <b>.002053</b>  | <b>.0000294</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2605.514</b> | <b>2850.580</b> | <b>57675.34</b> | <b>5289.217</b> | <b>4176.186</b> |
| Stddev    | 24.635          | 21.045          | 671.09          | 32.208          | 30.800          |
| %RSD      | .9455029        | .7382586        | 1.163562        | .6089333        | .7375205        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2631.454</b> | <b>2857.657</b> | <b>58187.58</b> | <b>5324.260</b> | <b>4178.830</b> |
| #2 | <b>2602.655</b> | <b>2867.173</b> | <b>57922.79</b> | <b>5282.480</b> | <b>4205.579</b> |
| #3 | <b>2582.433</b> | <b>2826.909</b> | <b>56915.67</b> | <b>5260.910</b> | <b>4144.149</b> |

Sample Name: K1697-10      Acquired: 03/19/2019 14:58:22      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SU-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001311</b> | <b>-.002397</b> | <b>.0045142</b> | <b>.0034169</b> | <b>-.001146</b> | <b>.0514083</b> | <b>.1022312</b> |
| Stddev | .004557         | .000870         | .0003014        | .0016578        | .002540         | .0119982        | .0008287        |
| %RSD   | 347.6441        | 36.30082        | 6.677018        | 48.51771        | 221.7217        | 23.33900        | .8105760        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004505</b> | <b>-.003321</b> | <b>.0047303</b> | <b>.0021346</b> | <b>-.003738</b> | <b>.0388546</b> | <b>.1017954</b> |
| #2 | <b>.003907</b>  | <b>-.002274</b> | <b>.0046424</b> | <b>.0028271</b> | <b>-.001038</b> | <b>.0627607</b> | <b>.1031868</b> |
| #3 | <b>-.003335</b> | <b>-.001594</b> | <b>.0041699</b> | <b>.0052889</b> | <b>.001339</b>  | <b>.0526096</b> | <b>.1017114</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000111</b> | <b>.0002127</b> | <b>21.54226</b> | <b>.0007861</b> | <b>.0049617</b> | <b>.0059502</b> | <b>1.179128</b> |
| Stddev | .000026         | .0000171        | .16263          | .0002843        | .0000322        | .0037044        | .033546         |
| %RSD   | 23.52161        | 8.042995        | .7549134        | 36.16367        | .6481183        | 62.25630        | 2.844986        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000085</b> | <b>.0001982</b> | <b>21.44351</b> | <b>.0005558</b> | <b>.0049459</b> | <b>.0102213</b> | <b>1.196975</b> |
| #2 | <b>-.000137</b> | <b>.0002084</b> | <b>21.45331</b> | <b>.0011038</b> | <b>.0049404</b> | <b>.0036122</b> | <b>1.140431</b> |
| #3 | <b>-.000111</b> | <b>.0002316</b> | <b>21.72996</b> | <b>.0006986</b> | <b>.0049987</b> | <b>.0040172</b> | <b>1.199978</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.045521</b> | <b>1.529108</b> | <b>.0036833</b> | <b>.0013286</b> | <b>271.6065</b> | <b>-.006584</b> | <b>.0288580</b> |
| Stddev | .004707         | .108186         | .0002992        | .0002423        | 2.0134          | .003557         | .0002398        |
| %RSD   | .4502473        | 7.075074        | 8.123440        | 18.24043        | .7412757        | 54.01983        | .8308184        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.043265</b> | <b>1.514573</b> | <b>.0039925</b> | <b>.0015503</b> | <b>270.1739</b> | <b>-.007658</b> | <b>.0286086</b> |
| #2 | <b>1.042366</b> | <b>1.428925</b> | <b>.0036623</b> | <b>.0013656</b> | <b>270.7372</b> | <b>-.002614</b> | <b>.0288785</b> |
| #3 | <b>1.050932</b> | <b>1.643826</b> | <b>.0033952</b> | <b>.0010698</b> | <b>273.9085</b> | <b>-.009480</b> | <b>.0290868</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7697224</b> | <b>.0020514</b> | <b>.0098882</b> | <b>.0002058</b> | <b>.3718101</b> | <b>.9041264</b> | <b>-.002852</b> |
| Stddev | .0489316        | .0008559        | .0012294        | .0000903        | .0094304        | .0022021        | .000748         |
| %RSD   | 6.357049        | 41.72325        | 12.43255        | 43.89744        | 2.536353        | .2435651        | 26.24072        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.7803513</b> | <b>.0012099</b> | <b>.0111419</b> | <b>.0001614</b> | <b>.3632325</b> | <b>.9024718</b> | <b>-.002670</b> |
| #2 | <b>.8124660</b> | <b>.0020232</b> | <b>.0086848</b> | <b>.0003097</b> | <b>.3702894</b> | <b>.9066259</b> | <b>-.003674</b> |
| #3 | <b>.7163499</b> | <b>.0029210</b> | <b>.0098379</b> | <b>.0001462</b> | <b>.3819085</b> | <b>.9032816</b> | <b>-.002211</b> |

Sample Name: K1697-10      Acquired: 03/19/2019 14:58:22      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SU-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.003215</b> | <b>-.004430</b> | <b>.0951595</b> |
| Stddev | .001062         | .000243         | .0007339        |
| %RSD   | 33.04241        | 5.490182        | .7712248        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.004388</b> | <b>-.004531</b> | <b>.0943124</b> |
| #2 | <b>-.002319</b> | <b>-.004606</b> | <b>.0955630</b> |
| #3 | <b>-.002936</b> | <b>-.004152</b> | <b>.0956031</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2565.837</b> | <b>2787.246</b> | <b>57740.48</b> | <b>5374.307</b> | <b>4028.297</b> |
| Stddev    | 2.052           | 17.172          | 198.15          | 15.362          | 30.724          |
| %RSD      | .0799821        | .6161048        | .3431683        | .2858433        | .7627056        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2566.402 | 2789.861 | 57776.43 | 5375.900 | 4043.884 |
| #2 | 2567.547 | 2802.961 | 57918.19 | 5388.810 | 4048.104 |
| #3 | 2563.561 | 2768.916 | 57526.82 | 5358.210 | 3992.904 |

Sample Name: K1697-10DUP      Acquired: 03/19/2019 15:02:13      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SU-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000430</b> | <b>-.002071</b> | <b>.0057777</b> | <b>.0038094</b> | <b>-.001433</b> | <b>.0464419</b> | <b>.1039569</b> |
| Stddev | .004162         | .002824         | .0020071        | .0005101        | .000839         | .0176562        | .0008238        |
| %RSD   | 966.9755        | 136.3941        | 34.73894        | 13.39169        | 58.59022        | 38.01788        | .7924219        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003196</b> | <b>-.005274</b> | <b>.0080610</b> | <b>.0037410</b> | <b>-.001859</b> | <b>.0554933</b> | <b>.1048290</b> |
| #2 | <b>.004357</b>  | <b>.000060</b>  | <b>.0049800</b> | <b>.0043503</b> | <b>-.001974</b> | <b>.0577371</b> | <b>.1031920</b> |
| #3 | <b>-.002452</b> | <b>-.000998</b> | <b>.0042920</b> | <b>.0033369</b> | <b>-.000466</b> | <b>.0260955</b> | <b>.1038498</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000093</b> | <b>.0003198</b> | <b>21.41358</b> | <b>.0007254</b> | <b>.0050868</b> | <b>.0008477</b> | <b>1.153598</b> |
| Stddev | .000025         | .0000179        | .11244          | .0000767        | .0004552        | .0033463        | .018836         |
| %RSD   | 26.97405        | 5.583153        | .5251088        | 10.57315        | 8.949184        | 394.7258        | 1.632766        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000081</b> | <b>.0003075</b> | <b>21.46568</b> | <b>.0006375</b> | <b>.0047206</b> | <b>-.002478</b> | <b>1.174479</b> |
| #2 | <b>-.000077</b> | <b>.0003117</b> | <b>21.28454</b> | <b>.0007784</b> | <b>.0049433</b> | <b>.004214</b>  | <b>1.148426</b> |
| #3 | <b>-.000122</b> | <b>.0003403</b> | <b>21.49053</b> | <b>.0007604</b> | <b>.0055965</b> | <b>.000808</b>  | <b>1.137888</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.036959</b> | <b>1.502190</b> | <b>.0038718</b> | <b>.0007536</b> | <b>271.9487</b> | <b>-.005503</b> | <b>.0286381</b> |
| Stddev | .010581         | .043015         | .0001675        | .0003731        | 1.2450          | .005299         | .0001932        |
| %RSD   | 1.020392        | 2.863464        | 4.324975        | 49.51327        | .4578066        | 96.29318        | .6746892        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.037198</b> | <b>1.545975</b> | <b>.0040456</b> | <b>.0009567</b> | <b>272.7366</b> | <b>.000615</b>  | <b>.0286688</b> |
| #2 | <b>1.026260</b> | <b>1.459989</b> | <b>.0037116</b> | <b>.0009811</b> | <b>270.5134</b> | <b>-.008511</b> | <b>.0284314</b> |
| #3 | <b>1.047418</b> | <b>1.500607</b> | <b>.0038581</b> | <b>.0003230</b> | <b>272.5961</b> | <b>-.008612</b> | <b>.0288142</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7998540</b> | <b>.0037854</b> | <b>.0077440</b> | <b>.0002433</b> | <b>.3726211</b> | <b>.9060030</b> | <b>-.002871</b> |
| Stddev | .1013973        | .0014617        | .0008471        | .0002060        | .0076357        | .0044787        | .000409         |
| %RSD   | 12.67698        | 38.61336        | 10.93830        | 84.66968        | 2.049192        | .4943367        | 14.26119        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.9093098</b> | <b>.0031318</b> | <b>.0087212</b> | <b>.0003320</b> | <b>.3659305</b> | <b>.9111695</b> | <b>-.002412</b> |
| #2 | <b>.7811258</b> | <b>.0054598</b> | <b>.0072208</b> | <b>.0000078</b> | <b>.3709935</b> | <b>.9032219</b> | <b>-.003199</b> |
| #3 | <b>.7091263</b> | <b>.0027645</b> | <b>.0072898</b> | <b>.0003902</b> | <b>.3809395</b> | <b>.9036175</b> | <b>-.003001</b> |

Sample Name: K1697-10DUP      Acquired: 03/19/2019 15:02:13      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SU-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.002033</b> | <b>-.005229</b> | <b>.0949567</b> |
| Stddev | .001222         | .001101         | .0009278        |
| %RSD   | 60.12172        | 21.04834        | .9770369        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002050</b> | <b>-.006466</b> | <b>.0958101</b> |
| #2 | <b>-.000802</b> | <b>-.004359</b> | <b>.0939692</b> |
| #3 | <b>-.003246</b> | <b>-.004862</b> | <b>.0950907</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2568.113</b> | <b>2783.131</b> | <b>57734.83</b> | <b>5406.460</b> | <b>4017.800</b> |
| Stddev    | 11.848          | 24.005          | 286.14          | 12.816          | 36.721          |
| %RSD      | .4613643        | .8625119        | .4956034        | .2370508        | .9139594        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2579.552</b> | <b>2790.067</b> | <b>57918.10</b> | <b>5393.550</b> | <b>4034.140</b> |
| #2 | <b>2568.893</b> | <b>2802.904</b> | <b>57405.11</b> | <b>5406.650</b> | <b>4043.515</b> |
| #3 | <b>2555.894</b> | <b>2756.422</b> | <b>57881.27</b> | <b>5419.180</b> | <b>3975.745</b> |

Sample Name: K1697-10LX5      Acquired: 03/19/2019 15:06:05      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSA8038      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001057</b> | <b>-.001598</b> | <b>.0000584</b> | <b>.0046141</b> | <b>-.001501</b> | <b>-.009252</b> | <b>.0170929</b> |
| Stddev | .000643         | .001390         | .0016021        | .0021164        | .000974         | .009639         | .0004808        |
| %RSD   | 60.86386        | 86.96690        | 2744.579        | 45.86785        | 64.91939        | 104.1819        | 2.813000        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000804</b> | <b>-.000622</b> | <b>-.001250</b> | <b>.0067770</b> | <b>-.001224</b> | <b>-.001233</b> | <b>.0176011</b> |
| #2 | <b>-.000578</b> | <b>-.000983</b> | <b>-.000420</b> | <b>.0025476</b> | <b>-.000695</b> | <b>-.019947</b> | <b>.0170324</b> |
| #3 | <b>-.001788</b> | <b>-.003190</b> | <b>.001845</b>  | <b>.0045176</b> | <b>-.002584</b> | <b>-.006577</b> | <b>.0166452</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000015</b> | <b>.0000317</b> | <b>4.441948</b> | <b>-.000237</b> | <b>.0008250</b> | <b>.0023380</b> | <b>.2389010</b> |
| Stddev | .000074         | .0000689        | .033192         | .000313         | .0001401        | .0034014        | .0391058        |
| %RSD   | 489.1237        | 217.2989        | .7472319        | 132.0551        | 16.98215        | 145.4825        | 16.36904        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000078</b> | <b>-.000040</b> | <b>4.453759</b> | <b>-.000255</b> | <b>.0008525</b> | <b>-.001520</b> | <b>.2496239</b> |
| #2 | <b>-.000033</b> | <b>.000098</b>  | <b>4.404466</b> | <b>-.000541</b> | <b>.0006731</b> | <b>.004905</b>  | <b>.1955524</b> |
| #3 | <b>.000066</b>  | <b>.000037</b>  | <b>4.467618</b> | <b>.000084</b>  | <b>.0009493</b> | <b>.003629</b>  | <b>.2715268</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2153775</b> | <b>.3731720</b> | <b>.0008810</b> | <b>.0012098</b> | <b>55.93185</b> | <b>-.003125</b> | <b>.0054401</b> |
| Stddev | .0029224        | .0268108        | .0002052        | .0003097        | .31254          | .005837         | .0002507        |
| %RSD   | 1.356850        | 7.184579        | 23.29472        | 25.60294        | .5587830        | 186.8111        | 4.608139        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2168203</b> | <b>.3425896</b> | <b>.0008698</b> | <b>.0009892</b> | <b>55.82278</b> | <b>-.009861</b> | <b>.0056375</b> |
| #2 | <b>.2120143</b> | <b>.3926297</b> | <b>.0006816</b> | <b>.0015638</b> | <b>55.68846</b> | <b>.000439</b>  | <b>.0055247</b> |
| #3 | <b>.2172978</b> | <b>.3842967</b> | <b>.0010915</b> | <b>.0010763</b> | <b>56.28431</b> | <b>.000048</b>  | <b>.0051581</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2619996</b> | <b>-.003024</b> | <b>-.001903</b> | <b>.0000641</b> | <b>.0712786</b> | <b>.1874715</b> | <b>-.002225</b> |
| Stddev | .0307349        | .001604         | .000276         | .0001470        | .0010352        | .0014078        | .000681         |
| %RSD   | 11.73091        | 53.05374        | 14.49358        | 229.3647        | 1.452329        | .7509565        | 30.62221        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2275587</b> | <b>-.004869</b> | <b>-.002199</b> | <b>.0001317</b> | <b>.0701138</b> | <b>.1864294</b> | <b>-.001439</b> |
| #2 | <b>.2718034</b> | <b>-.002242</b> | <b>-.001857</b> | <b>.0001651</b> | <b>.0716284</b> | <b>.1869120</b> | <b>-.002631</b> |
| #3 | <b>.2866367</b> | <b>-.001961</b> | <b>-.001653</b> | <b>-.000105</b> | <b>.0720935</b> | <b>.1890731</b> | <b>-.002606</b> |

Sample Name: K1697-10LX5      Acquired: 03/19/2019 15:06:05      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSA8038      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001265</b> | <b>-.003074</b> | <b>.0196132</b> |
| Stddev | .001459         | .000352         | .0000764        |
| %RSD   | 115.2982        | 11.43911        | .3896893        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000550</b> | <b>-.002919</b> | <b>.0195905</b> |
| #2 | <b>-.000302</b> | <b>-.003477</b> | <b>.0195506</b> |
| #3 | <b>-.002943</b> | <b>-.002827</b> | <b>.0196984</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2592.397</b> | <b>2819.416</b> | <b>57645.84</b> | <b>5299.763</b> | <b>4166.068</b> |
| Stddev    | 29.555          | 20.593          | 493.75          | 41.243          | 32.304          |
| %RSD      | 1.140081        | .7304108        | .8565260        | .7782111        | .7754190        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2574.960</b> | <b>2830.421</b> | <b>57376.40</b> | <b>5288.320</b> | <b>4188.773</b> |
| #2 | <b>2626.522</b> | <b>2832.169</b> | <b>58215.70</b> | <b>5345.520</b> | <b>4180.346</b> |
| #3 | <b>2575.708</b> | <b>2795.658</b> | <b>57345.44</b> | <b>5265.450</b> | <b>4129.085</b> |



Sample Name: K1697-10MS      Acquired: 03/19/2019 15:09:58      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SU-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7632469</b> | <b>1.945384</b> | <b>.9617061</b> | <b>1.644994</b> | <b>.7531121</b> | <b>2.009742</b> | <b>.3026701</b> |
| Stddev | .0010862        | .018659         | .0094305        | .005287         | .0057262        | .011028         | .0024954        |
| %RSD   | .1423143        | .9591357        | .9805970        | .3214155        | .7603446        | .5487119        | .8244645        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7635990 | 1.938673 | .9571605 | 1.642810 | .7479241 | 2.000676 | .2997928 |
| #2 | .7641134 | 1.931009 | .9554094 | 1.641148 | .7521560 | 2.022018 | .3039749 |
| #3 | .7620283 | 1.966470 | .9725485 | 1.651023 | .7592562 | 2.006531 | .3042427 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1710914</b> | <b>.1806806</b> | <b>21.85261</b> | <b>.3840396</b> | <b>.2048557</b> | <b>.3206100</b> | <b>4.083120</b> |
| Stddev | .0020991        | .0025195        | .16402          | .0016748        | .0022451        | .0037790        | .047805         |
| %RSD   | 1.226871        | 1.394428        | .7505669        | .4360999        | 1.095930        | 1.178707        | 1.170795        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1687507 | .1795203 | 21.67839 | .3832174 | .2034950 | .3162643 | 4.095223 |
| #2 | .1728068 | .1789503 | 21.87539 | .3829348 | .2036252 | .3231255 | 4.030427 |
| #3 | .1717167 | .1835711 | 22.00405 | .3859666 | .2074470 | .3224402 | 4.123710 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.214691</b> | <b>3.262020</b> | <b>.4994419</b> | <b>.0728502</b> | <b>266.0888</b> | <b>.2954672</b> | <b>.2286185</b> |
| Stddev | .016393         | .066655         | .0051743        | .0006717        | 2.3360          | .0080228        | .0016859        |
| %RSD   | 1.349536        | 2.043351        | 1.036008        | .9219900        | .8779127        | 2.715297        | .7374469        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.196617 | 3.289756 | .4965088 | .0732220 | 263.3956 | .2910457 | .2280970 |
| #2 | 1.218856 | 3.185976 | .4964006 | .0720748 | 267.3050 | .2906280 | .2272548 |
| #3 | 1.228599 | 3.310328 | .5054163 | .0732537 | 267.5658 | .3047280 | .2305035 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>11.12482</b> | <b>6.442865</b> | <b>.2679750</b> | <b>.3799800</b> | <b>.3400705</b> | <b>1.697626</b> | <b>.6796122</b> |
| Stddev | .10848          | .094360         | .0011490        | .0026236        | .0048576        | .019430         | .0075614        |
| %RSD   | .9751345        | 1.464560        | .4287672        | .6904654        | 1.428424        | 1.144560        | 1.112609        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.00247 | 6.400440 | .2668771 | .3784224 | .3370332 | 1.678116 | .6742566 |
| #2 | 11.20924 | 6.377165 | .2678789 | .3785085 | .3375053 | 1.716976 | .6763181 |
| #3 | 11.16277 | 6.550990 | .2691690 | .3830091 | .3456730 | 1.697785 | .6882618 |

Sample Name: K1697-10MS      Acquired: 03/19/2019 15:09:58      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: SU-01-031519 Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1928758</b> | <b>.1939893</b> | <b>.2758393</b> |
| Stddev | .0013764        | .0027633        | .0011400        |
| %RSD   | .7136060        | 1.424442        | .4132686        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1931214</b> | <b>.1908208</b> | <b>.2745324</b> |
| #2 | <b>.1913931</b> | <b>.1952479</b> | <b>.2763569</b> |
| #3 | <b>.1941128</b> | <b>.1958993</b> | <b>.2766286</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2503.072</b> | <b>2748.720</b> | <b>56889.07</b> | <b>5329.315</b> | <b>3979.467</b> |
| Stddev    | 11.946          | 5.855           | 299.49          | 47.330          | 7.388           |
| %RSD      | .4772458        | .2129939        | .5264536        | .8881073        | .1856582        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2502.275</b> | <b>2744.300</b> | <b>56881.90</b> | <b>5381.603</b> | <b>3976.029</b> |
| #2 | <b>2515.397</b> | <b>2746.500</b> | <b>57192.09</b> | <b>5289.402</b> | <b>3987.948</b> |
| #3 | <b>2491.545</b> | <b>2755.360</b> | <b>56593.23</b> | <b>5316.939</b> | <b>3974.424</b> |

Sample Name: K1697-10MSD      Acquired: 03/19/2019 15:13:39      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SU-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7647227</b> | <b>1.954107</b> | <b>.9623799</b> | <b>1.655005</b> | <b>.7573321</b> | <b>1.985358</b> | <b>.3020167</b> |
| Stddev | .0130541        | .016185         | .0039514        | .013156         | .0080626        | .006572         | .0009254        |
| %RSD   | 1.707042        | .8282632        | .4105851        | .7949254        | 1.064600        | .3310192        | .3064077        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7500885 | 1.937503 | .9580908 | 1.644643 | .7483301 | 1.977937 | .3022441 |
| #2 | .7751688 | 1.954982 | .9631769 | 1.650565 | .7597771 | 1.990444 | .3009987 |
| #3 | .7689107 | 1.969837 | .9658721 | 1.669806 | .7638892 | 1.987692 | .3028071 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1691698</b> | <b>.1812664</b> | <b>21.55614</b> | <b>.3811046</b> | <b>.2041836</b> | <b>.3134356</b> | <b>3.999639</b> |
| Stddev | .0009711        | .0018356        | .20551          | .0019930        | .0010602        | .0021873        | .066742         |
| %RSD   | .5740625        | 1.012675        | .9533685        | .5229649        | .5192386        | .6978383        | 1.668704        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1692459 | .1791898 | 21.76162 | .3788816 | .2030178 | .3148663 | 4.019680 |
| #2 | .1701006 | .1819367 | 21.35060 | .3817002 | .2044431 | .3109178 | 4.054064 |
| #3 | .1681628 | .1826727 | 21.55621 | .3827319 | .2050900 | .3145228 | 3.925172 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.193733</b> | <b>3.191165</b> | <b>.4999869</b> | <b>.0712088</b> | <b>264.7557</b> | <b>.2927603</b> | <b>.2244132</b> |
| Stddev | .017911         | .072215         | .0042929        | .0001533        | 1.1386          | .0011976        | .0028299        |
| %RSD   | 1.500388        | 2.262973        | .8586073        | .2153205        | .4300688        | .4090649        | 1.260999        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.212409 | 3.219063 | .4950301 | .0713617 | 266.0702 | .2937110 | .2216167 |
| #2 | 1.176701 | 3.245271 | .5025082 | .0712096 | 264.1205 | .2914153 | .2272753 |
| #3 | 1.192090 | 3.109163 | .5024224 | .0710551 | 264.0763 | .2931547 | .2243477 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>11.15409</b> | <b>6.433104</b> | <b>.2644951</b> | <b>.3806298</b> | <b>.3377526</b> | <b>1.679507</b> | <b>.6810426</b> |
| Stddev | .09578          | .035881         | .0009412        | .0037841        | .0073205        | .009249         | .0047402        |
| %RSD   | .8586568        | .5577575        | .3558340        | .9941589        | 2.167417        | .5507157        | .6960152        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.12914 | 6.393446 | .2644495 | .3769198 | .3303675 | 1.682500 | .6760787 |
| #2 | 11.07325 | 6.442544 | .2654582 | .3804857 | .3378835 | 1.686890 | .6855218 |
| #3 | 11.25987 | 6.463321 | .2635775 | .3844838 | .3450068 | 1.669132 | .6815272 |

Sample Name: K1697-10MSD      Acquired: 03/19/2019 15:13:39      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SU-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1903400</b> | <b>.1923307</b> | <b>.2771460</b> |
| Stddev | .0005615        | .0018155        | .0011819        |
| %RSD   | .2950244        | .9439652        | .4264507        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1897195</b> | <b>.1905206</b> | <b>.2783966</b> |
| #2 | <b>.1908132</b> | <b>.1941517</b> | <b>.2760475</b> |
| #3 | <b>.1904871</b> | <b>.1923198</b> | <b>.2769939</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2546.959</b> | <b>2754.569</b> | <b>57716.80</b> | <b>5384.170</b> | <b>3979.388</b> |
| Stddev    | 16.477          | 16.914          | 478.19          | 6.006           | 22.109          |
| %RSD      | .6469345        | .6140462        | .8285075        | .1115536        | .5555785        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2561.390 | 2770.605 | 58013.29 | 5377.681 | 4004.830 |
| #2 | 2550.480 | 2756.207 | 57971.96 | 5389.535 | 3968.487 |
| #3 | 2529.005 | 2736.895 | 57165.15 | 5385.295 | 3964.846 |

Sample Name: K1697-10A      Acquired: 03/19/2019 15:17:20      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSAB8038      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7565198</b> | <b>1.919482</b> | <b>.9499807</b> | <b>1.627156</b> | <b>.7470550</b> | <b>1.995303</b> | <b>.2996715</b> |
| Stddev | .0091858        | .015996         | .0096562        | .017826         | .0055783        | .004721         | .0021569        |
| %RSD   | 1.214220        | .8333606        | 1.016459        | 1.095538        | .7466999        | .2366108        | .7197382        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7484498 | 1.914502 | .9490778 | 1.617189 | .7452874 | 1.997312 | .3020201 |
| #2 | .7545935 | 1.906568 | .9408077 | 1.616542 | .7425746 | 1.989909 | .2992148 |
| #3 | .7665160 | 1.937376 | .9600566 | 1.647736 | .7533028 | 1.998687 | .2977796 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1693534</b> | <b>.1779398</b> | <b>21.60015</b> | <b>.3794150</b> | <b>.2012836</b> | <b>.3155708</b> | <b>4.020796</b> |
| Stddev | .0009653        | .0019123        | .20664          | .0021333        | .0017158        | .0025860        | .029143         |
| %RSD   | .5699799        | 1.074711        | .9566774        | .5622511        | .8524057        | .8194501        | .7247970        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1704674 | .1765178 | 21.58819 | .3788604 | .1998038 | .3174658 | 4.029133 |
| #2 | .1687652 | .1771878 | 21.81252 | .3776138 | .2008828 | .3126248 | 4.044861 |
| #3 | .1688276 | .1801139 | 21.39975 | .3817708 | .2031643 | .3166218 | 3.988393 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.197892</b> | <b>3.281296</b> | <b>.4913811</b> | <b>.0715137</b> | <b>263.1742</b> | <b>.2931402</b> | <b>.2221640</b> |
| Stddev | .014133         | .075034         | .0059205        | .0003088        | 1.5448          | .0057528        | .0011456        |
| %RSD   | 1.179802        | 2.286713        | 1.204869        | .4317666        | .5869815        | 1.962471        | .5156410        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.194246 | 3.272884 | .4871565 | .0713836 | 264.0196 | .2969846 | .2231893 |
| #2 | 1.213491 | 3.210824 | .4888387 | .0718663 | 264.1118 | .2959095 | .2223750 |
| #3 | 1.185940 | 3.360182 | .4981482 | .0712913 | 261.3912 | .2865265 | .2209276 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>11.01359</b> | <b>6.363232</b> | <b>.2678933</b> | <b>.3749738</b> | <b>.3337790</b> | <b>1.684774</b> | <b>.6701505</b> |
| Stddev | .06327          | .042482         | .0013051        | .0048312        | .0082886        | .008558         | .0071811        |
| %RSD   | .5744934        | .6676244        | .4871810        | 1.288424        | 2.483269        | .5079890        | 1.071568        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.94425 | 6.350581 | .2684331 | .3706463 | .3265095 | 1.694214 | .6652517 |
| #2 | 11.06819 | 6.328513 | .2664049 | .3740887 | .3320224 | 1.677522 | .6668059 |
| #3 | 11.02833 | 6.410603 | .2688419 | .3801864 | .3428052 | 1.682587 | .6783938 |

Sample Name: K1697-10A      Acquired: 03/19/2019 15:17:20      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: ICSAB8038      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1907005</b> | <b>.1892786</b> | <b>.2739328</b> |
| Stddev | .0024368        | .0024912        | .0017666        |
| %RSD   | 1.277799        | 1.316143        | .6449165        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1885560</b> | <b>.1869160</b> | <b>.2748604</b> |
| #2 | <b>.1933503</b> | <b>.1918810</b> | <b>.2750425</b> |
| #3 | <b>.1901953</b> | <b>.1890389</b> | <b>.2718956</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2571.186</b> | <b>2779.286</b> | <b>58072.34</b> | <b>5387.942</b> | <b>4019.792</b> |
| Stddev    | 13.405          | 20.319          | 328.17          | 28.040          | 24.299          |
| %RSD      | .5213561        | .7310893        | .5651071        | .5204284        | .6044748        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2568.874 | 2794.458 | 58274.84 | 5366.690 | 4035.004 |
| #2 | 2559.088 | 2787.198 | 57693.71 | 5377.414 | 4032.604 |
| #3 | 2585.597 | 2756.200 | 58248.48 | 5419.723 | 3991.769 |

Sample Name: K1697-12      Acquired: 03/19/2019 15:21:01      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SU-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002464</b> | <b>-.000209</b> | <b>.0016216</b> | <b>.0074353</b> | <b>-.001601</b> | <b>.0371157</b> | <b>.1219381</b> |
| Stddev | .003534         | .001394         | .0021391        | .0032577        | .000565         | .0075713        | .0005269        |
| %RSD   | 143.4413        | 667.4698        | 131.9170        | 43.81313        | 35.32364        | 20.39930        | .4320869        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.005006</b> | <b>.000568</b>  | <b>.0040850</b> | <b>.0044368</b> | <b>-.002252</b> | <b>.0408649</b> | <b>.1218144</b> |
| #2 | <b>.001572</b>  | <b>-.001819</b> | <b>.0005463</b> | <b>.0109015</b> | <b>-.001233</b> | <b>.0284013</b> | <b>.1214841</b> |
| #3 | <b>-.003957</b> | <b>.000624</b>  | <b>.0002334</b> | <b>.0069677</b> | <b>-.001317</b> | <b>.0420810</b> | <b>.1225158</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000205</b> | <b>.0002891</b> | <b>11.16595</b> | <b>.0015168</b> | <b>.0056120</b> | <b>.0056655</b> | <b>.0357326</b> |
| Stddev | .000032         | .0000283        | .06180          | .0003176        | .0002867        | .0028251        | .0101380        |
| %RSD   | 15.73705        | 9.803445        | .5534579        | 20.93887        | 5.108560        | 49.86574        | 28.37175        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000228</b> | <b>.0002819</b> | <b>11.12317</b> | <b>.0016663</b> | <b>.0054092</b> | <b>.0044145</b> | <b>.0440999</b> |
| #2 | <b>-.000219</b> | <b>.0002651</b> | <b>11.13787</b> | <b>.0011521</b> | <b>.0054868</b> | <b>.0036819</b> | <b>.0244589</b> |
| #3 | <b>-.000168</b> | <b>.0003204</b> | <b>11.23680</b> | <b>.0017321</b> | <b>.0059400</b> | <b>.0089001</b> | <b>.0386392</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9521553</b> | <b>2.624560</b> | <b>.0034178</b> | <b>.0010188</b> | <b>269.4851</b> | <b>-.005391</b> | <b>.0177022</b> |
| Stddev | .0029720        | .041905         | .0005073        | .0000828        | .8728           | .006913         | .0006762        |
| %RSD   | .3121384        | 1.596664        | 14.84279        | 8.127185        | .3238667        | 128.2351        | 3.820174        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.9550923</b> | <b>2.667402</b> | <b>.0038545</b> | <b>.0010489</b> | <b>269.3551</b> | <b>-.013362</b> | <b>.0169737</b> |
| #2 | <b>.9491495</b> | <b>2.583658</b> | <b>.0035377</b> | <b>.0010824</b> | <b>268.6846</b> | <b>-.001042</b> | <b>.0178230</b> |
| #3 | <b>.9522242</b> | <b>2.622620</b> | <b>.0028613</b> | <b>.0009252</b> | <b>270.4155</b> | <b>-.001768</b> | <b>.0183099</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4012033</b> | <b>-.000675</b> | <b>.0037303</b> | <b>.0001040</b> | <b>.2175051</b> | <b>.3510318</b> | <b>-.002259</b> |
| Stddev | .0457394        | .000373         | .0012223        | .0001479        | .0053732        | .0019087        | .000991         |
| %RSD   | 11.40056        | 55.21549        | 32.76569        | 142.2295        | 2.470387        | .5437460        | 43.85354        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.3694184</b> | <b>-.000878</b> | <b>.0023363</b> | <b>-.000009</b> | <b>.2236270</b> | <b>.3532002</b> | <b>-.001174</b> |
| #2 | <b>.3805665</b> | <b>-.000245</b> | <b>.0046182</b> | <b>.000049</b>  | <b>.2135704</b> | <b>.3502893</b> | <b>-.003115</b> |
| #3 | <b>.4536250</b> | <b>-.000902</b> | <b>.0042363</b> | <b>.000271</b>  | <b>.2153179</b> | <b>.3496059</b> | <b>-.002490</b> |

Sample Name: K1697-12      Acquired: 03/19/2019 15:21:01      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SU-01-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001415</b> | <b>-.002710</b> | <b>.0402771</b> |
| Stddev | .003018         | .002781         | .0002834        |
| %RSD   | 213.3652        | 102.6385        | .7037113        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.003685</b> | <b>-.005901</b> | <b>.0405152</b> |
| #2 | <b>-.002570</b> | <b>-.000806</b> | <b>.0399636</b> |
| #3 | <b>.002011</b>  | <b>-.001422</b> | <b>.0403526</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2562.430</b> | <b>2782.542</b> | <b>58066.55</b> | <b>5378.493</b> | <b>4044.150</b> |
| Stddev    | 8.820           | 24.023          | 162.72          | 19.383          | 32.687          |
| %RSD      | .3441946        | .8633501        | .2802278        | .3603823        | .8082460        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2571.040</b> | <b>2788.429</b> | <b>58244.61</b> | <b>5359.850</b> | <b>4052.006</b> |
| #2 | <b>2562.837</b> | <b>2803.075</b> | <b>58029.49</b> | <b>5377.090</b> | <b>4072.192</b> |
| #3 | <b>2553.414</b> | <b>2756.123</b> | <b>57925.57</b> | <b>5398.540</b> | <b>4008.251</b> |



Sample Name: K1942-02      Acquired: 03/19/2019 15:24:51      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CH-WALLS      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0298518 | .0067164 | .3897210 | .0074371 | .0026291 | .2283406 |
| Stddev | .0038829 | .0020107 | .0045258 | .0011915 | .0010719 | .0079091 |
| %RSD   | 13.00726 | 29.93645 | 1.161292 | 16.02148 | 40.76919 | 3.463720 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0304261 | .0061775 | .3872240 | .0061002 | .0029544 | .2277402 |
| #2 | .0334156 | .0050301 | .3869937 | .0078240 | .0035006 | .2207489 |
| #3 | .0257138 | .0089416 | .3949452 | .0083871 | .0014323 | .2365328 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0187373 | -.000143 | .0118709 | 153.0885 | -.000215 | .1660636 |
| Stddev | .0001776 | .000028  | .0001939 | 1.3996   | .000289  | .0015010 |
| %RSD   | .9480388 | 19.91211 | 1.633111 | .9142699 | 134.3669 | .9038539 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0188935 | -.000110 | .0117951 | 151.6430 | .000116  | .1652397 |
| #2 | .0185441 | -.000156 | .0117264 | 154.4372 | -.000415 | .1651550 |
| #3 | .0187742 | -.000162 | .0120912 | 153.1852 | -.000347 | .1677961 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0506552 | -.116089 | .3427396 | 18.88228 | -.015154 | .0013418 |
| Stddev | .0037271 | .017199  | .0034071 | .27333   | .000268  | .0002815 |
| %RSD   | 7.357813 | 14.81532 | .9940828 | 1.447544 | 1.767934 | 20.98292 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0487265 | -.099945 | .3392780 | 18.56868 | -.015063 | .0013298 |
| #2 | .0549514 | -.134178 | .3460895 | 19.06988 | -.015456 | .0016291 |
| #3 | .0482876 | -.114146 | .3428512 | 19.00830 | -.014944 | .0010664 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 334.3065 | .4104483 | F 39.58333 | 9.321415 | .3737911 | .1891094 |
| Stddev | 2.2937   | .0055444 | .37474     | .077282  | .0082567 | .0016170 |
| %RSD   | .6861031 | 1.350814 | .9467211   | .8290794 | 2.208900 | .8550317 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 331.8757 | .4053683 | 39.74739 | 9.244752 | .3658614 | .1909755 |
| #2 | 336.4325 | .4163625 | 39.15453 | 9.320191 | .3731719 | .1881239 |
| #3 | 334.6115 | .4096141 | 39.84806 | 9.399301 | .3823399 | .1882288 |

Sample Name: K1942-02      Acquired: 03/19/2019 15:24:51      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CH-WALLS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0047950</b> | <b>118.9828</b> | <b>1.175333</b> | <b>-.004888</b> | <b>-.003299</b> | <b>.2417932</b> |
| Stddev | .0002582        | 1.1760          | .005234         | .000706         | .000533         | .0031607        |
| %RSD   | 5.384000        | .9884119        | .4453631        | 14.45214        | 16.16676        | 1.307171        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0050690 | 118.2640 | 1.178961 | -.005077 | -.002952 | .2383296 |
| #2 | .0045563 | 118.3444 | 1.177706 | -.005482 | -.003913 | .2425289 |
| #3 | .0047598 | 120.3400 | 1.169333 | -.004107 | -.003032 | .2445212 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.6181929</b> |
| Stddev | .0018487        |
| %RSD   | .2990410        |

|    |          |
|----|----------|
| #1 | .6200200 |
| #2 | .6163234 |
| #3 | .6182353 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2485.736</b> | <b>2674.643</b> | <b>57043.13</b> | <b>5296.903</b> | <b>3830.885</b> |
| Stddev    | 21.844          | 17.038          | 399.98          | 33.569          | 27.896          |
| %RSD      | .8787760        | .6370335        | .7011949        | .6337481        | .7281907        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2478.926 | 2686.646 | 56665.28 | 5294.302 | 3850.508 |
| #2 | 2510.173 | 2682.141 | 57462.07 | 5264.711 | 3843.197 |
| #3 | 2468.108 | 2655.141 | 57002.04 | 5331.697 | 3798.951 |

Sample Name: K1942-04      Acquired: 03/19/2019 15:28:38      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CH-CEILING      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0173603 | -.005272 | .1097353 | .0060795 | -.003329 | .0870957 |
| Stddev | .0023835 | .001490  | .0032250 | .0002825 | .001501  | .0114077 |
| %RSD   | 13.72981 | 28.26831 | 2.938926 | 4.647115 | 45.08871 | 13.09795 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0148482 | -.004325 | .1069649 | .0063431 | -.003772 | .0770987 |
| #2 | .0195901 | -.006990 | .1132756 | .0057813 | -.004558 | .0995226 |
| #3 | .0176427 | -.004502 | .1089653 | .0061140 | -.001656 | .0846657 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0639006 | -.000244 | .0102740 | 60.43026 | -.062505 | .1078546 |
| Stddev | .0007391 | .000020  | .0002646 | .42696   | .000222  | .0013021 |
| %RSD   | 1.156692 | 8.128798 | 2.575702 | .7065323 | .3557724 | 1.207292 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0630490 | -.000225 | .0100970 | 60.22441 | -.062712 | .1070643 |
| #2 | .0642780 | -.000243 | .0101469 | 60.14522 | -.062533 | .1071421 |
| #3 | .0643748 | -.000265 | .0105783 | 60.92114 | -.062269 | .1093575 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0204627 | -.284993 | .0742069 | 1.812834 | -.033053 | .0015878 |
| Stddev | .0063487 | .008550  | .0008904 | .037017  | .000212  | .0001793 |
| %RSD   | 31.02551 | 3.000114 | 1.199938 | 2.041964 | .6411184 | 11.29200 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0145281 | -.275770 | .0733434 | 1.776723 | -.033170 | .0017314 |
| #2 | .0271570 | -.292655 | .0741554 | 1.811084 | -.032808 | .0013869 |
| #3 | .0197030 | -.286554 | .0751220 | 1.850695 | -.033180 | .0016452 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 287.2894 | .0031231 | F 56.29267 | 1.672443 | .1328536 | .0357208 |
| Stddev | 2.3215   | .0055501 | .28764     | .075006  | .0004950 | .0007592 |
| %RSD   | .8080864 | 177.7084 | .5109766   | 4.484810 | .3725842 | 2.125365 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 285.2174 | .0094939 | 56.60660 | 1.598390 | .1328984 | .0365508 |
| #2 | 286.8525 | -.000665 | 56.04178 | 1.670572 | .1333247 | .0355499 |
| #3 | 289.7984 | .000540  | 56.22963 | 1.748367 | .1323378 | .0350616 |

Sample Name: K1942-04      Acquired: 03/19/2019 15:28:38      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CH-CEILING      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.010487</b> | <b>30.29602</b> | <b>.3092306</b> | <b>-.004261</b> | <b>-.000283</b> | <b>.0031853</b> |
| Stddev | .000262         | .43073          | .0043315        | .000611         | .000993         | .0009025        |
| %RSD   | 2.495506        | 1.421748        | 1.400731        | 14.32890        | 351.2335        | 28.33302        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.010246</b> | <b>30.01478</b> | <b>.3059916</b> | <b>-.004268</b> | <b>-.001415</b> | <b>.0028898</b> |
| #2 | <b>-.010450</b> | <b>30.08139</b> | <b>.3075497</b> | <b>-.004867</b> | <b>.000131</b>  | <b>.0024676</b> |
| #3 | <b>-.010765</b> | <b>30.79190</b> | <b>.3141506</b> | <b>-.003646</b> | <b>.000436</b>  | <b>.0041985</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.1339452</b> |
| Stddev | .0004488        |
| %RSD   | .3350812        |

|    |                 |
|----|-----------------|
| #1 | <b>.1334462</b> |
| #2 | <b>.1340738</b> |
| #3 | <b>.1343158</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2506.441</b> | <b>2716.226</b> | <b>57240.31</b> | <b>5329.072</b> | <b>3919.579</b> |
| Stddev    | 18.209          | 18.251          | 259.15          | 32.069          | 25.845          |
| %RSD      | .7264727        | .6719176        | .4527463        | .6017737        | .6593927        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2485.467</b> | <b>2724.530</b> | <b>57049.34</b> | <b>5351.428</b> | <b>3930.547</b> |
| #2 | <b>2515.650</b> | <b>2728.849</b> | <b>57136.28</b> | <b>5343.458</b> | <b>3938.132</b> |
| #3 | <b>2518.206</b> | <b>2695.300</b> | <b>57535.32</b> | <b>5292.328</b> | <b>3890.059</b> |

Sample Name: K1956-04      Acquired: 03/19/2019 15:32:25      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TP-7      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002241</b> | <b>-.002711</b> | <b>.0017586</b> | <b>.0071388</b> | <b>-.000886</b> | <b>.0373773</b> | <b>.1297695</b> |
| Stddev | .002838         | .002120         | .0021028        | .0027456        | .000261         | .0139591        | .0003582        |
| %RSD   | 126.6590        | 78.19850        | 119.5714        | 38.46087        | 29.47967        | 37.34641        | .2760386        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001809</b> | <b>-.000686</b> | <b>.0040952</b> | <b>.0097368</b> | <b>-.000981</b> | <b>.0239695</b> | <b>.1301746</b> |
| #2 | <b>-.005270</b> | <b>-.004915</b> | <b>.0011622</b> | <b>.0074134</b> | <b>-.001086</b> | <b>.0518291</b> | <b>.1296392</b> |
| #3 | <b>.000357</b>  | <b>-.002533</b> | <b>.0000185</b> | <b>.0042662</b> | <b>-.000591</b> | <b>.0363334</b> | <b>.1294947</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000198</b> | <b>.0001572</b> | <b>3.966609</b> | <b>.0008011</b> | <b>.0042037</b> | <b>.0064950</b> | <b>.0224028</b> |
| Stddev | .000005         | .0000289        | .031815         | .0002626        | .0000945        | .0031184        | .0081858        |
| %RSD   | 2.323470        | 18.40936        | .8020687        | 32.78142        | 2.249249        | 48.01219        | 36.53945        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000199</b> | <b>.0001873</b> | <b>4.002739</b> | <b>.0006085</b> | <b>.0041189</b> | <b>.0067203</b> | <b>.0149799</b> |
| #2 | <b>-.000193</b> | <b>.0001296</b> | <b>3.954302</b> | <b>.0006946</b> | <b>.0041865</b> | <b>.0032701</b> | <b>.0210462</b> |
| #3 | <b>-.000202</b> | <b>.0001548</b> | <b>3.942786</b> | <b>.0011002</b> | <b>.0043057</b> | <b>.0094947</b> | <b>.0311821</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1718963</b> | <b>.3009783</b> | <b>.0025019</b> | <b>.0009072</b> | <b>285.1881</b> | <b>-.002318</b> | <b>.0202083</b> |
| Stddev | .0015912        | .0649168        | .0002857        | .0006785        | 2.0136          | .003567         | .0008151        |
| %RSD   | .9256642        | 21.56861        | 11.42107        | 74.78220        | .7060550        | 153.9019        | 4.033259        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1724455</b> | <b>.3034877</b> | <b>.0027525</b> | <b>.0005932</b> | <b>287.1091</b> | <b>-.000998</b> | <b>.0207552</b> |
| #2 | <b>.1731401</b> | <b>.2348432</b> | <b>.0025625</b> | <b>.0004427</b> | <b>285.3618</b> | <b>-.006356</b> | <b>.0205981</b> |
| #3 | <b>.1701032</b> | <b>.3646041</b> | <b>.0021907</b> | <b>.0016858</b> | <b>283.0932</b> | <b>.000402</b>  | <b>.0192715</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1390257</b> | <b>-.003383</b> | <b>.0057001</b> | <b>.0001290</b> | <b>.0964849</b> | <b>.2709808</b> | <b>-.001807</b> |
| Stddev | .1296149        | .002380         | .0005975        | .0003338        | .0030176        | .0015026        | .000491         |
| %RSD   | 93.23093        | 70.34482        | 10.48153        | 258.7225        | 3.127497        | .5545003        | 27.15723        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2573702</b> | <b>-.001096</b> | <b>.0063733</b> | <b>-.000210</b> | <b>.0930258</b> | <b>.2726346</b> | <b>-.001268</b> |
| #2 | <b>.1592005</b> | <b>-.005847</b> | <b>.0052329</b> | <b>.000140</b>  | <b>.0985773</b> | <b>.2696995</b> | <b>-.002228</b> |
| #3 | <b>.0005063</b> | <b>-.003207</b> | <b>.0054941</b> | <b>.000457</b>  | <b>.0978516</b> | <b>.2706084</b> | <b>-.001925</b> |

Sample Name: K1956-04      Acquired: 03/19/2019 15:32:25      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TP-7      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001337</b> | <b>-.001764</b> | <b>.0243606</b> |
| Stddev | .000822         | .001555         | .0002039        |
| %RSD   | 61.47421        | 88.14222        | .8368531        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.001598</b> | <b>-.000676</b> | <b>.0245429</b> |
| #2 | <b>-.001998</b> | <b>-.003546</b> | <b>.0243985</b> |
| #3 | <b>-.000417</b> | <b>-.001071</b> | <b>.0241405</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2544.353</b> | <b>2750.222</b> | <b>57536.35</b> | <b>5330.520</b> | <b>3983.560</b> |
| Stddev    | 22.860          | 19.651          | 219.00          | 47.015          | 26.957          |
| %RSD      | .8984411        | .7145352        | .3806233        | .8820000        | .6766950        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2548.021</b> | <b>2762.432</b> | <b>57567.91</b> | <b>5294.080</b> | <b>3998.149</b> |
| #2 | <b>2519.881</b> | <b>2760.681</b> | <b>57303.28</b> | <b>5313.890</b> | <b>4000.078</b> |
| #3 | <b>2565.157</b> | <b>2727.553</b> | <b>57737.85</b> | <b>5383.590</b> | <b>3952.453</b> |

Sample Name: CCV05      Acquired: 03/19/2019 15:36:17      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 38-WC-S-1-0-      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.158294</b> | <b>5.180096</b> | <b>5.007389</b> | <b>4.925796</b> | <b>5.215796</b> | <b>9.961524</b> |
| Stddev | .059727         | .056093         | .058013         | .057023         | .063223         | .104391         |
| %RSD   | 1.157880        | 1.082850        | 1.158553        | 1.157635        | 1.212136        | 1.047938        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.121055 | 5.151928 | 4.970904 | 4.896963 | 5.179647 | 9.873383 |
| #2 | 5.126641 | 5.143669 | 4.976979 | 4.888948 | 5.178944 | 9.934385 |
| #3 | 5.227185 | 5.244691 | 5.074285 | 4.991478 | 5.288798 | 10.07680 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.52708</b> | <b>.2352615</b> | <b>2.329902</b> | <b>24.84461</b> | <b>.9748000</b> | <b>2.523520</b> |
| Stddev | .10303          | .0018455        | .024682         | .34504          | .0074020        | .027922         |
| %RSD   | .9787503        | .7844602        | 1.059355        | 1.388779        | .7593316        | 1.106453        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.44354 | .2335258 | 2.313668 | 24.56436 | .9748764 | 2.506406 |
| #2 | 10.49548 | .2350585 | 2.317732 | 24.73949 | .9821635 | 2.508413 |
| #3 | 10.64221 | .2372001 | 2.358305 | 25.22998 | .9673601 | 2.555740 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.330315</b> | <b>4.780080</b> | <b>2.496015</b> | <b>23.57513</b> | <b>2.522456</b> | <b>1.227246</b> |
| Stddev | .017221         | .064207         | .030195         | .11461          | .029034         | .009588         |
| %RSD   | 1.294525        | 1.343224        | 1.209711        | .4861635        | 1.151026        | .7812351        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.320842 | 4.780166 | 2.463193 | 23.56878 | 2.505330 | 1.223001 |
| #2 | 1.319910 | 4.715830 | 2.502241 | 23.46382 | 2.506060 | 1.238223 |
| #3 | 1.350193 | 4.844245 | 2.522612 | 23.69278 | 2.555980 | 1.220514 |

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774            | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>25.02805</b> | <b>2.476562</b> | <b>2.566718</b> | <b>25.84399</b> | <b>F 5.744302</b> | <b>4.785705</b> |
| Stddev | .45294          | .016081         | .016065         | .33134          | .084977           | .042994         |
| %RSD   | 1.809748        | .6493218        | .6258832        | 1.282092        | 1.479323          | .8983831        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 24.72328 | 2.461294 | 2.570866 | 25.54651 | 5.677299 | 4.741854 |
| #2 | 24.81235 | 2.475043 | 2.580302 | 25.78437 | 5.715723 | 4.787474 |
| #3 | 25.54854 | 2.493348 | 2.548986 | 26.20110 | 5.839884 | 4.827787 |

Sample Name: CCV05      Acquired: 03/19/2019 15:36:17      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 38-WC-S-1-0-      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.846695</b> | <b>4.941709</b> | <b>4.691116</b> | <b>4.938621</b> | <b>5.040841</b> | <b>5.007487</b> |
| Stddev | .057265         | .048289         | .052398         | .058531         | .071166         | .047698         |
| %RSD   | 1.181523        | .9771700        | 1.116954        | 1.185162        | 1.411796        | .9525319        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.821656 | 4.909476 | 4.635650 | 4.906052 | 4.979116 | 4.965553 |
| #2 | 4.806215 | 4.918422 | 4.697918 | 4.903619 | 5.024723 | 4.997530 |
| #3 | 4.912215 | 4.997229 | 4.739781 | 5.006192 | 5.118685 | 5.059377 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>4.814101</b> |
| Stddev | .060979         |
| %RSD   | 1.266681        |

|    |          |
|----|----------|
| #1 | 4.785394 |
| #2 | 4.772772 |
| #3 | 4.884135 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2580.687</b> | <b>2810.088</b> | <b>57718.74</b> | <b>5276.623</b> | <b>4093.043</b> |
| Stddev    | 14.410          | 28.713          | 366.00          | 48.847          | 39.168          |
| %RSD      | .5583963        | 1.021772        | .6341094        | .9257217        | .9569315        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2571.864 | 2825.794 | 57753.72 | 5317.920 | 4120.543 |
| #2 | 2572.881 | 2827.522 | 57336.50 | 5289.244 | 4110.389 |
| #3 | 2597.317 | 2776.949 | 58065.99 | 5222.704 | 4048.198 |



Sample Name: CCB05      Acquired: 03/19/2019 15:39:51      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 38-WC-S-2-2-      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000338</b> | <b>-.002153</b> | <b>.0002538</b> | <b>.0038989</b> | <b>-.000944</b> | <b>-.013217</b> | <b>-.006223</b> |
| Stddev | .003106         | .001082         | .0009478        | .0020768        | .001968         | .001686         | .000448         |
| %RSD   | 918.4527        | 50.23691        | 373.4255        | 53.26741        | 208.4093        | 12.75713        | 7.195773        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .002242  | -.001391 | .0000901 | .0062086 | .000277  | -.014981 | -.006237 |
| #2 | -.003786 | -.003391 | .0012729 | .0021856 | .000105  | -.013047 | -.005768 |
| #3 | .000530  | -.001677 | -.000602 | .0033024 | -.003214 | -.011622 | -.006664 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000113</b> | <b>.0000256</b> | <b>-.004325</b> | <b>.0000712</b> | <b>-.000195</b> | <b>.0019243</b> | <b>-.012079</b> |
| Stddev | .0000267        | .0000227        | .011541         | .0001934        | .000171         | .0021221        | .014826         |
| %RSD   | 235.3154        | 88.55331        | 266.8300        | 271.6206        | 87.76091        | 110.2789        | 122.7459        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000006 | .0000315 | .008989  | .0002754 | -.000079 | .0008841 | -.017962 |
| #2 | .000042  | .0000006 | -.010492 | .0000473 | -.000392 | .0043657 | -.023060 |
| #3 | -.000002 | .0000447 | -.011473 | -.000109 | -.000115 | .0005230 | .004786  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000743</b> | <b>.0326522</b> | <b>-.000279</b> | <b>.0008258</b> | <b>-.285382</b> | <b>.0041247</b> | <b>.0012484</b> |
| Stddev | .002170         | .0330078        | .000270         | .0004362        | .140861         | .0028114        | .0004753        |
| %RSD   | 292.0582        | 101.0889        | 96.44999        | 52.82409        | 49.35892        | 68.16061        | 38.07694        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000003 | -.004758 | -.000591 | .0012625 | -.439294 | .0048023 | .0017920 |
| #2 | .000960  | .045043  | -.000128 | .0008249 | -.253980 | .0010364 | .0009113 |
| #3 | -.003186 | .057672  | -.000119 | .0003901 | -.162871 | .0065354 | .0010417 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1230666</b> | <b>-.008048</b> | <b>.0064142</b> | <b>.0001174</b> | <b>-.004658</b> | <b>-.001347</b> | <b>.0002221</b> |
| Stddev | .0484086        | .001282         | .0005132        | .0000848        | .001219         | .001562         | .0006278        |
| %RSD   | 39.33529        | 15.92749        | 8.001170        | 72.23484        | 26.16708        | 115.9070        | 282.6369        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1778890 | -.008811 | .0069224 | .0001829 | -.004736 | -.000297 | .0009069 |
| #2 | .1051034 | -.008765 | .0064239 | .0001475 | -.003402 | -.000603 | .0000860 |
| #3 | .0862073 | -.006568 | .0058961 | .0000216 | -.005836 | -.003142 | -.000326 |

Sample Name: CCB05      Acquired: 03/19/2019 15:39:51      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: 38-WC-S-2-2-      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001165</b> | <b>-.003105</b> | <b>.0000386</b> |
| Stddev | .002041         | .001173         | .0000596        |
| %RSD   | 175.2015        | 37.79218        | 154.2646        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000692</b> | <b>-.004448</b> | <b>.0001043</b> |
| #2 | <b>-.003400</b> | <b>-.002281</b> | <b>-.000012</b> |
| #3 | <b>.000598</b>  | <b>-.002584</b> | <b>.000024</b>  |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2615.035</b> | <b>2857.337</b> | <b>57796.52</b> | <b>5333.283</b> | <b>4171.423</b> |
| Stddev    | 48.793          | 19.040          | 911.09          | 15.164          | 30.835          |
| %RSD      | 1.865872        | .6663386        | 1.576374        | .2843331        | .7392064        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2601.503</b> | <b>2867.091</b> | <b>57351.60</b> | <b>5342.460</b> | <b>4189.035</b> |
| #2 | <b>2574.436</b> | <b>2869.523</b> | <b>57193.38</b> | <b>5315.780</b> | <b>4189.417</b> |
| #3 | <b>2669.166</b> | <b>2835.397</b> | <b>58844.58</b> | <b>5341.610</b> | <b>4135.818</b> |

Sample Name: K1956-08      Acquired: 03/19/2019 15:43:44      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TP-8      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000488</b> | <b>-.003865</b> | <b>.0069925</b> | <b>.0052524</b> | <b>-.000646</b> | <b>.0541222</b> | <b>.0900037</b> |
| Stddev | .001999         | .001765         | .0012616        | .0019834        | .000352         | .0126057        | .0007837        |
| %RSD   | 409.8639        | 45.65479        | 18.04273        | 37.76058        | 54.46105        | 23.29116        | .8707032        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001004  | -.004251 | .0061829 | .0030475 | -.001012 | .0615350 | .0892246 |
| #2 | -.002760 | -.001939 | .0084462 | .0058189 | -.000311 | .0395673 | .0899946 |
| #3 | .000292  | -.005404 | .0063485 | .0068909 | -.000614 | .0612644 | .0907919 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000188</b> | <b>.0002010</b> | <b>9.238308</b> | <b>.0006458</b> | <b>.0016410</b> | <b>.0027478</b> | <b>-.009966</b> |
| Stddev | .000041         | .0000647        | .038088         | .0003375        | .0001817        | .0034984        | .014309         |
| %RSD   | 21.76532        | 32.20650        | .4122793        | 52.25260        | 11.07378        | 127.3166        | 143.5868        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000234 | .0002672 | 9.201529 | .0009926 | .0014313 | .0052912 | .006423  |
| #2 | -.000159 | .0001379 | 9.235812 | .0003185 | .0017395 | .0041939 | -.019981 |
| #3 | -.000170 | .0001977 | 9.277581 | .0006265 | .0017523 | -.001242 | -.016340 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2337307</b> | <b>.6329839</b> | <b>.0027515</b> | <b>.0011936</b> | <b>299.6754</b> | <b>-.002032</b> | <b>.0149946</b> |
| Stddev | .0029915        | .0619816        | .0001932        | .0002060        | 1.2421          | .005631         | .0001630        |
| %RSD   | 1.279907        | 9.791965        | 7.021947        | 17.26177        | .4144935        | 277.1277        | 1.087035        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2354222 | .6566561 | .0029667 | .0009896 | 298.2764 | .001708  | .0148064 |
| #2 | .2354933 | .5626547 | .0026948 | .0014016 | 300.1009 | .000705  | .0150848 |
| #3 | .2302766 | .6796408 | .0025930 | .0011895 | 300.6488 | -.008509 | .0150925 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3823318</b> | <b>-.001709</b> | <b>.0093766</b> | <b>.0002009</b> | <b>.2753201</b> | <b>.3010147</b> | <b>-.001176</b> |
| Stddev | .0545509        | .003067         | .0010509        | .0002600        | .0023658        | .0030783        | .001036         |
| %RSD   | 14.26795        | 179.5040        | 11.20801        | 129.4088        | .8592808        | 1.022636        | 88.09842        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3943002 | .001811  | .0104870 | -.000067 | .2731572 | .3014274 | -.000082 |
| #2 | .4299047 | -.003810 | .0083975 | .000452  | .2778466 | .2977509 | -.002142 |
| #3 | .3227904 | -.003127 | .0092452 | .000217  | .2749567 | .3038658 | -.001303 |

Sample Name: K1956-08      Acquired: 03/19/2019 15:43:44      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TP-8      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001916</b> | <b>-.002121</b> | <b>.0259385</b> |
| Stddev | .002031         | .000278         | .0001151        |
| %RSD   | 105.9927        | 13.11232        | .4438375        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.001692</b> | <b>-.002019</b> | <b>.0258146</b> |
| #2 | <b>-.004050</b> | <b>-.001908</b> | <b>.0259586</b> |
| #3 | <b>-.000006</b> | <b>-.002436</b> | <b>.0260422</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2564.092</b> | <b>2808.258</b> | <b>58030.21</b> | <b>5454.927</b> | <b>4021.300</b> |
| Stddev    | 10.945          | 23.863          | 304.64          | 47.167          | 34.237          |
| %RSD      | .4268637        | .8497275        | .5249744        | .8646611        | .8513856        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2564.323</b> | <b>2822.268</b> | <b>57970.61</b> | <b>5463.403</b> | <b>4048.144</b> |
| #2 | <b>2553.033</b> | <b>2821.801</b> | <b>57759.78</b> | <b>5497.282</b> | <b>4033.010</b> |
| #3 | <b>2574.920</b> | <b>2780.705</b> | <b>58360.26</b> | <b>5404.097</b> | <b>3982.744</b> |

Sample Name: PB118017BL      Acquired: 03/19/2019 15:47:38      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSA8040      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021301 | -.001202 | -.000662 | .0021864 | -.001746 | -.018155 | -.005717 |
| Stddev | .0026201 | .001069  | .002195  | .0012338 | .000834  | .013409  | .000799  |
| %RSD   | 123.0025 | 88.98266 | 331.5402 | 56.42954 | 47.75505 | 73.86084 | 13.97861 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0009947 | -.000700 | -.002345 | .0036101 | -.001942 | -.026998 | -.006434 |
| #2 | .0002693 | -.000476 | -.001462 | .0014278 | -.000832 | -.002726 | -.005863 |
| #3 | .0051264 | -.002430 | .001821  | .0015215 | -.002464 | -.024740 | -.004855 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000030 | .0000073 | -.002337 | -.000108 | -.000094 | .0031823 | -.015152 |
| Stddev | .000073  | .0000428 | .023523  | .000213  | .000129  | .0040203 | .014050  |
| %RSD   | 245.0584 | 585.1381 | 1006.664 | 197.8784 | 137.0154 | 126.3298 | 92.73002 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000088 | -.000042 | .008446  | .000054  | .000003  | .0075970 | -.011932 |
| #2 | .000052  | .000029  | -.029318 | -.000029 | -.000240 | -.000268 | -.030532 |
| #3 | -.000054 | .000035  | .013862  | -.000349 | -.000045 | .002218  | -.002991 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001293 | .0533790 | -.000370 | .0014823 | -.298590 | .0058355 | .0000327 |
| Stddev | .0008457 | .0705585 | .000550  | .0005730 | .280428  | .0037295 | .0001235 |
| %RSD   | 654.2054 | 132.1841 | 148.5779 | 38.65246 | 93.91761 | 63.91045 | 377.1918 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000201 | -.010990 | .000104  | .0015698 | .013212  | .0042703 | -.000105 |
| #2 | .001090  | .128818  | -.000972 | .0008707 | -.378829 | .0100925 | .000068  |
| #3 | -.000501 | .042309  | -.000242 | .0020065 | -.530152 | .0031437 | .000134  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1182491 | -.006215 | -.003544 | .0000182 | -.001356 | -.003889 | -.001580 |
| Stddev | .0318824 | .002082  | .001106  | .0001836 | .003082  | .001043  | .000341  |
| %RSD   | 26.96210 | 33.50269 | 31.20054 | 1007.553 | 227.2171 | 26.83032 | 21.58277 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1426917 | -.004234 | -.002452 | -.000175 | -.004085 | -.004402 | -.001567 |
| #2 | .1298691 | -.008385 | -.004663 | .000039  | -.001970 | -.002688 | -.001927 |
| #3 | .0821864 | -.006026 | -.003518 | .000191  | .001986  | -.004577 | -.001246 |

Sample Name: PB118017BL      Acquired: 03/19/2019 15:47:38      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: ICSA8040      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.003106</b> | <b>-.002120</b> | <b>.0000745</b> |
| Stddev | .001605         | .000236         | .0001202        |
| %RSD   | 51.67815        | 11.14206        | 161.3857        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.003428</b> | <b>-.002393</b> | <b>-.000042</b> |
| #2 | <b>-.001364</b> | <b>-.001986</b> | <b>.000198</b>  |
| #3 | <b>-.004525</b> | <b>-.001982</b> | <b>.000067</b>  |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2575.458</b> | <b>2851.635</b> | <b>57012.63</b> | <b>5245.077</b> | <b>4149.660</b> |
| Stddev    | 30.502          | 32.786          | 676.88          | 29.361          | 43.711          |
| %RSD      | 1.184342        | 1.149722        | 1.187245        | .5597732        | 1.053359        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2582.710 | 2870.251 | 57072.39 | 5233.450 | 4172.729 |
| #2 | 2541.983 | 2870.876 | 56307.85 | 5223.310 | 4177.003 |
| #3 | 2601.680 | 2813.779 | 57657.64 | 5278.470 | 4099.247 |

Sample Name: PB118015BL      Acquired: 03/19/2019 15:51:31      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSAB8040      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018724 | -.002155 | .0002275 | .0040495 | -.002428 | -.020480 | -.006294 |
| Stddev | .0011805 | .000451  | .0017945 | .0008406 | .000721  | .014737  | .000531  |
| %RSD   | 63.04797 | 20.92901 | 788.8326 | 20.75875 | 29.71844 | 71.95776 | 8.428717 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005192 | -.002510 | .0005988 | .0040608 | -.002384 | -.036905 | -.006872 |
| #2 | .0026912 | -.002309 | -.001724 | .0048845 | -.003170 | -.008413 | -.005828 |
| #3 | .0024069 | -.001648 | .001807  | .0032033 | -.001729 | -.016123 | -.006184 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000568 | -.000023 | .0115888 | .0000270 | -.000073 | -.000296 | -.007818 |
| Stddev | .0000513 | .000030  | .0106541 | .0001916 | .000380  | .000574  | .024380  |
| %RSD   | 90.30584 | 127.5278 | 91.93462 | 708.4204 | 523.1453 | 194.3592 | 311.8556 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001152 | -.000057 | .0229058 | -.000190 | -.000436 | .000255  | -.020052 |
| #2 | .0000193 | -.000014 | .0017525 | .000100  | -.000105 | -.000251 | -.023658 |
| #3 | .0000358 | .000000  | .0101081 | .000172  | .000322  | -.000891 | .020257  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000343 | .0463093 | -.000052 | .0013528 | -.557992 | .0006701 | -.000802 |
| Stddev | .001348  | .0608705 | .000373  | .0004030 | .343161  | .0029772 | .000225  |
| %RSD   | 392.9864 | 131.4434 | 720.1967 | 29.79343 | 61.49928 | 444.2677 | 28.09497 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000074 | .0946810 | -.000482 | .0008930 | -.309994 | -.002044 | -.000774 |
| #2 | -.001805 | -.022039 | .000171  | .0015201 | -.949633 | .003854  | -.001040 |
| #3 | .000850  | .066286  | .000156  | .0016452 | -.414349 | .000201  | -.000592 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1400211 | -.005272 | -.005203 | -.000003 | -.007748 | -.004740 | -.002163 |
| Stddev | .0353082 | .003366  | .000348  | .000037  | .002056  | .000297  | .000255  |
| %RSD   | 25.21638 | 63.84464 | 6.688799 | 1154.603 | 26.53658 | 6.264888 | 11.81101 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1677389 | -.004378 | -.005319 | -.000039 | -.010121 | -.004957 | -.002256 |
| #2 | .1520555 | -.002444 | -.004812 | .000035  | -.006582 | -.004862 | -.001873 |
| #3 | .1002688 | -.008996 | -.005479 | -.000005 | -.006539 | -.004402 | -.002358 |

Sample Name: PB118015BL      Acquired: 03/19/2019 15:51:31      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSAB8040      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001299</b> | <b>-.004408</b> | <b>.0000575</b> |
| Stddev | .002492         | .000505         | .0000466        |
| %RSD   | 191.8492        | 11.45385        | 80.95993        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000805</b> | <b>-.003861</b> | <b>.0001002</b> |
| #2 | <b>-.004001</b> | <b>-.004508</b> | <b>.0000079</b> |
| #3 | <b>.000909</b>  | <b>-.004856</b> | <b>.0000644</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2568.066</b> | <b>2832.168</b> | <b>56884.52</b> | <b>5350.990</b> | <b>4126.347</b> |
| Stddev    | 5.883           | 19.473          | 182.44          | 65.689          | 22.951          |
| %RSD      | .2290771        | .6875759        | .3207166        | 1.227604        | .5561993        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2562.101 | 2834.541 | 56781.11 | 5330.390 | 4131.645 |
| #2 | 2568.236 | 2850.346 | 56777.27 | 5298.070 | 4146.186 |
| #3 | 2573.862 | 2811.617 | 57095.17 | 5424.510 | 4101.211 |



Sample Name: K1932-05      Acquired: 03/19/2019 15:55:25      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0111735 | .0018214 | .0149870 | .0003485 | .0022045 | .1978901 | .1566429 |
| Stddev | .0046377 | .0006452 | .0005889 | .0010262 | .0013388 | .0072108 | .0009607 |
| %RSD   | 41.50596 | 35.42524 | 3.929710 | 294.4709 | 60.73112 | 3.643817 | .6132940 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0140038 | .0024621 | .0145425 | -.000751 | .0034761 | .2048270 | .1555374 |
| #2 | .0136953 | .0018303 | .0156550 | .001281  | .0008074 | .1904336 | .1572752 |
| #3 | .0058213 | .0011717 | .0147635 | .000515  | .0023299 | .1984096 | .1571160 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000948 | -.000016 | 227.4450 | .0021311 | -.000726 | .0047810 | .8662388 |
| Stddev | .0000337 | .000019  | 1.1016   | .0003335 | .000071  | .0009354 | .0195955 |
| %RSD   | 35.60143 | 115.2790 | .4843475 | 15.64868 | 9.823611 | 19.56475 | 2.262140 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001312 | -.000000 | 226.3146 | .0018319 | -.000697 | .0045842 | .8678709 |
| #2 | .0000647 | -.000012 | 227.5051 | .0020708 | -.000674 | .0057991 | .8849672 |
| #3 | .0000884 | -.000037 | 228.5154 | .0024907 | -.000808 | .0039596 | .8458782 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7219231 | 53.36327 | .0035264 | .0014773 | 387.7058 | .0042122 | .0305713 |
| Stddev | .0069008 | .30211   | .0007335 | .0002474 | 1.6575   | .0041123 | .0007244 |
| %RSD   | .9558912 | .5661371 | 20.80087 | 16.74412 | .4275226 | 97.62729 | 2.369413 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7186511 | 53.02187 | .0030202 | .0017214 | 385.8456 | -.000443 | .0312618 |
| #2 | .7172669 | 53.59604 | .0031914 | .0012268 | 388.2458 | .007352  | .0306350 |
| #3 | .7298513 | 53.47192 | .0043676 | .0014837 | 389.0260 | .005728  | .0298172 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 42.19001 | .7493904 | .3470927 | .0038275 | 24.73463 | 30.77554 | -.004980 |
| Stddev | .02061   | .0127695 | .0022488 | .0001164 | .30272   | .21029   | .001692  |
| %RSD   | .0488550 | 1.703982 | .6479006 | 3.042147 | 1.223885 | .6833066 | 33.98403 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 42.21192 | .7400169 | .3477102 | .0039584 | 24.49143 | 30.71100 | -.005803 |
| #2 | 42.17099 | .7442200 | .3489683 | .0037884 | 24.63879 | 31.01054 | -.003033 |
| #3 | 42.18713 | .7639343 | .3445997 | .0037356 | 25.07368 | 30.60509 | -.006103 |

Sample Name: K1932-05      Acquired: 03/19/2019 15:55:25      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-2      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.003291</b> | <b>.1179990</b> | <b>1.133012</b> |
| Stddev | .002348         | .0018802        | .004701         |
| %RSD   | 71.32558        | 1.593413        | .4149129        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.004380</b> | <b>.1162547</b> | <b>1.127838</b> |
| #2 | <b>-.004897</b> | <b>.1177517</b> | <b>1.137021</b> |
| #3 | <b>-.000597</b> | <b>.1199907</b> | <b>1.134177</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2569.233</b> | <b>2752.106</b> | <b>57438.13</b> | <b>5290.853</b> | <b>3846.102</b> |
| Stddev    | 8.177           | 36.093          | 418.99          | 11.980          | 48.251          |
| %RSD      | .3182793        | 1.311476        | .7294563        | .2264292        | 1.254551        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2576.209</b> | <b>2775.740</b> | <b>57727.70</b> | <b>5295.542</b> | <b>3879.725</b> |
| #2 | <b>2571.257</b> | <b>2770.017</b> | <b>57628.99</b> | <b>5277.238</b> | <b>3867.766</b> |
| #3 | <b>2560.234</b> | <b>2710.560</b> | <b>56957.69</b> | <b>5299.780</b> | <b>3790.816</b> |

Sample Name: K1932-06      Acquired: 03/19/2019 15:59:13      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0078533 | -.000536 | .0051695 | .0014396 | .0062989 | .0382778 | .2265546 |
| Stddev | .0033405 | .000743  | .0010961 | .0051328 | .0016376 | .0182546 | .0024837 |
| %RSD   | 42.53681 | 138.7226 | 21.20370 | 356.5434 | 25.99864 | 47.68964 | 1.096307 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0093890 | .000087  | .0062895 | .0040096 | .0078188 | .0266935 | .2276603 |
| #2 | .0040211 | -.001358 | .0040990 | .0047798 | .0065134 | .0288194 | .2237100 |
| #3 | .0101498 | -.000336 | .0051201 | -.004471 | .0045646 | .0593206 | .2282934 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000379 | -.000046 | 183.5048 | .0009340 | -.001541 | .0017386 | -.013014 |
| Stddev | .0000206 | .000060  | 1.6825   | .0002488 | .000177  | .0057247 | .017939  |
| %RSD   | 54.23366 | 131.4809 | .9168643 | 26.64223 | 11.45855 | 329.2736 | 137.8418 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000539 | -.000110 | 182.9226 | .0007925 | -.001743 | .0033540 | -.019472 |
| #2 | .0000452 | .000008  | 182.1907 | .0012213 | -.001464 | .0064820 | .007260  |
| #3 | .0000147 | -.000035 | 185.4010 | .0007881 | -.001415 | -.004620 | -.026830 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7241049 | 24.47453 | .0020776 | .0016367 | 63.03889 | -.005599 | .0198527 |
| Stddev | .0052255 | .24556   | .0003383 | .0001826 | .85031   | .002227  | .0005817 |
| %RSD   | .7216456 | 1.003337 | 16.28170 | 11.15440 | 1.348865 | 39.78600 | 2.930178 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7222500 | 24.28060 | .0024088 | .0017465 | 62.85728 | -.003171 | .0204726 |
| #2 | .7200600 | 24.39235 | .0020913 | .0017377 | 62.29406 | -.007549 | .0197668 |
| #3 | .7300048 | 24.75064 | .0017327 | .0014259 | 63.96533 | -.006075 | .0193187 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.36734 | .0740407 | .1292360 | .0050653 | 9.946097 | 18.68303 | -.006350 |
| Stddev | .15644   | .0018356 | .0020749 | .0003054 | .147580  | .21848   | .000637  |
| %RSD   | 1.088894 | 2.479119 | 1.605497 | 6.029870 | 1.483795 | 1.169429 | 10.03287 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.44879 | .0759532 | .1278002 | .0053046 | 9.910681 | 18.76549 | -.005925 |
| #2 | 14.18697 | .0722933 | .1282930 | .0051701 | 9.819448 | 18.43531 | -.006043 |
| #3 | 14.46624 | .0738756 | .1316150 | .0047213 | 10.10816 | 18.84827 | -.007083 |

Sample Name: K1932-06      Acquired: 03/19/2019 15:59:13      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: TW-7      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.008814</b> | <b>.0193993</b> | <b>.7824692</b> |
| Stddev | .000333         | .0005164        | .0079046        |
| %RSD   | 3.775994        | 2.662029        | 1.010216        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.009156</b> | <b>.0190261</b> | <b>.7869974</b> |
| #2 | <b>-.008793</b> | <b>.0191830</b> | <b>.7733418</b> |
| #3 | <b>-.008492</b> | <b>.0199886</b> | <b>.7870683</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2583.016</b> | <b>2806.094</b> | <b>57838.67</b> | <b>5374.247</b> | <b>4061.593</b> |
| Stddev    | 13.091          | 28.547          | 193.01          | 60.710          | 40.710          |
| %RSD      | .5068251        | 1.017323        | .3337046        | 1.129644        | 1.002318        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2588.269</b> | <b>2810.638</b> | <b>57693.74</b> | <b>5378.084</b> | <b>4080.672</b> |
| #2 | <b>2568.114</b> | <b>2832.096</b> | <b>57764.50</b> | <b>5432.948</b> | <b>4089.260</b> |
| #3 | <b>2592.665</b> | <b>2775.547</b> | <b>58057.76</b> | <b>5311.710</b> | <b>4014.847</b> |

Sample Name: K1932-07      Acquired: 03/19/2019 16:03:02      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0124486 | -.000803 | .0074696 | .0062779 | .1125389 | .0432918 | .2438496 |
| Stddev | .0006716 | .002273  | .0010053 | .0046082 | .0017046 | .0144430 | .0004100 |
| %RSD   | 5.394560 | 283.2317 | 13.45851 | 73.40382 | 1.514713 | 33.36203 | .1681363 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0121491 | .000887  | .0080189 | .0094509 | .1136043 | .0268808 | .2443021 |
| #2 | .0132178 | -.003387 | .0080806 | .0083908 | .1105728 | .0540683 | .2435028 |
| #3 | .0119789 | .000092  | .0063093 | .0009921 | .1134395 | .0489264 | .2437438 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000034 | .0000042 | 177.6341 | .0024473 | -.001577 | .0073541 | .0036352 |
| Stddev | .0000660 | .0000733 | .8460    | .0004564 | .000195  | .0056612 | .0437341 |
| %RSD   | 1916.580 | 1735.107 | .4762387 | 18.64904 | 12.34921 | 76.98085 | 1203.091 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000036 | -.000021 | 177.8596 | .0029698 | -.001353 | .0115807 | -.024061 |
| #2 | .000080  | -.000053 | 178.3444 | .0022460 | -.001680 | .0095596 | -.019086 |
| #3 | -.000033 | .000087  | 176.6982 | .0021261 | -.001699 | .0009221 | .054053  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1381257 | 46.41680 | .0055148 | .0018210 | 174.0643 | .0148467 | .0304340 |
| Stddev | .0022145 | .45078   | .0001705 | .0002756 | .6606    | .0054631 | .0008261 |
| %RSD   | 1.603241 | .9711477 | 3.090802 | 15.13523 | .3795028 | 36.79669 | 2.714296 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1379014 | 46.37185 | .0056887 | .0019930 | 174.6265 | .0104894 | .0310545 |
| #2 | .1404438 | 46.88837 | .0053480 | .0019668 | 174.2295 | .0209758 | .0307512 |
| #3 | .1360319 | 45.99019 | .0055077 | .0015031 | 173.3367 | .0130750 | .0294964 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 28.14643 | .9608944 | .4316490 | .0092904 | 42.47285 | 28.94776 | -.005474 |
| Stddev | .10331   | .0188277 | .0009843 | .0003196 | .52386   | .05081   | .000541  |
| %RSD   | .3670554 | 1.959394 | .2280351 | 3.440001 | 1.233405 | .1755104 | 9.891339 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 28.20879 | .9653989 | .4312300 | .0091452 | 42.47362 | 28.95495 | -.004917 |
| #2 | 28.02717 | .9402230 | .4327735 | .0090692 | 41.94859 | 28.99459 | -.005999 |
| #3 | 28.20331 | .9770613 | .4309436 | .0096568 | 42.99632 | 28.89374 | -.005506 |

Sample Name: K1932-07      Acquired: 03/19/2019 16:03:02      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-5      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.006881</b> | <b>.0842475</b> | <b>.6820581</b> |
| Stddev | .002711         | .0007767        | .0027900        |
| %RSD   | 39.39679        | .9219759        | .4090584        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.005098</b> | <b>.0839157</b> | <b>.6852204</b> |
| #2 | <b>-.005544</b> | <b>.0836918</b> | <b>.6810097</b> |
| #3 | <b>-.010001</b> | <b>.0851351</b> | <b>.6799441</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2566.810</b> | <b>2776.814</b> | <b>57585.43</b> | <b>5300.588</b> | <b>3971.730</b> |
| Stddev    | 16.621          | 29.494          | 381.37          | 5.608           | 39.940          |
| %RSD      | .6475308        | 1.062135        | .6622703        | .1057949        | 1.005601        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2563.871</b> | <b>2787.602</b> | <b>57366.35</b> | <b>5300.359</b> | <b>3989.635</b> |
| #2 | <b>2551.854</b> | <b>2799.394</b> | <b>57364.13</b> | <b>5295.099</b> | <b>3999.585</b> |
| #3 | <b>2584.704</b> | <b>2743.445</b> | <b>58025.79</b> | <b>5306.307</b> | <b>3925.971</b> |

Sample Name: K1932-07DUP      Acquired: 03/19/2019 16:06:51      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-5DUP      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0118404 | .0010249 | .0059179 | .0056070 | .1064704 | .0550764 | .2326799 |
| Stddev | .0035028 | .0028034 | .0004451 | .0023776 | .0009425 | .0073401 | .0016400 |
| %RSD   | 29.58326 | 273.5158 | 7.521089 | 42.40451 | .8852328 | 13.32719 | .7048367 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0147896 | -.001608 | .0064085 | .0030464 | .1054601 | .0535953 | .2332949 |
| #2 | .0079687 | .000710  | .0058053 | .0060296 | .1073260 | .0485898 | .2308213 |
| #3 | .0127629 | .003972  | .0055400 | .0077450 | .1066250 | .0630442 | .2339235 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000652 | -.000008 | 168.4473 | .0030171 | -.001377 | .0046861 | .0189913 |
| Stddev | .0000324 | .000009  | .9335    | .0002354 | .000285  | .0057254 | .0221335 |
| %RSD   | 49.64585 | 115.3502 | .5541497 | 7.800956 | 20.66605 | 122.1782 | 116.5454 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000504 | -.000016 | 169.5133 | .0030540 | -.001067 | -.001659 | .0365657 |
| #2 | .0000429 | -.000010 | 167.7762 | .0027655 | -.001627 | .009468  | .0262743 |
| #3 | .0001024 | .000002  | 168.0523 | .0032319 | -.001437 | .006249  | -.005866 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1314604 | 44.04917 | .0052244 | .0016326 | 165.3993 | .0121666 | .0287433 |
| Stddev | .0003078 | .27829   | .0002722 | .0000095 | 1.0040   | .0104463 | .0008340 |
| %RSD   | .2341522 | .6317688 | 5.210555 | .5802183 | .6070457 | 85.86025 | 2.901682 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1313933 | 44.37039 | .0054930 | .0016217 | 166.1466 | .0242134 | .0285968 |
| #2 | .1317962 | 43.89633 | .0052314 | .0016367 | 164.2580 | .0066735 | .0279922 |
| #3 | .1311916 | 43.88080 | .0049487 | .0016392 | 165.7934 | .0056129 | .0296409 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 26.92876 | .9174161 | .4120348 | .0094330 | 40.35295 | 27.58549 | -.005812 |
| Stddev | .29487   | .0065381 | .0049618 | .0003756 | .52833   | .27388   | .000511  |
| %RSD   | 1.094995 | .7126666 | 1.204215 | 3.982028 | 1.309265 | .9928537 | 8.783519 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 27.19905 | .9194796 | .4173364 | .0092320 | 40.02259 | 27.86107 | -.005268 |
| #2 | 26.61429 | .9100952 | .4075028 | .0092008 | 40.07398 | 27.31334 | -.005890 |
| #3 | 26.97293 | .9226735 | .4112651 | .0098664 | 40.96229 | 27.58206 | -.006280 |

Sample Name: K1932-07DUP      Acquired: 03/19/2019 16:06:51      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-5DUP      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.006953</b> | <b>.0803708</b> | <b>.6503028</b> |
| Stddev | .000904         | .0004132        | .0037127        |
| %RSD   | 12.99704        | .5141705        | .5709264        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.007602</b> | <b>.0801815</b> | <b>.6543040</b> |
| #2 | <b>-.005921</b> | <b>.0800861</b> | <b>.6469691</b> |
| #3 | <b>-.007335</b> | <b>.0808448</b> | <b>.6496354</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2571.771</b> | <b>2784.825</b> | <b>57656.12</b> | <b>5339.868</b> | <b>3990.745</b> |
| Stddev    | 39.978          | 23.146          | 908.57          | 43.824          | 35.167          |
| %RSD      | 1.554506        | .8311450        | 1.575847        | .8206978        | .8812204        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2561.653</b> | <b>2787.120</b> | <b>57219.87</b> | <b>5311.825</b> | <b>3997.890</b> |
| #2 | <b>2615.837</b> | <b>2806.738</b> | <b>58700.55</b> | <b>5390.369</b> | <b>4021.791</b> |
| #3 | <b>2537.824</b> | <b>2760.617</b> | <b>57047.95</b> | <b>5317.410</b> | <b>3952.554</b> |



Sample Name: K1932-07LX5      Acquired: 03/19/2019 16:10:40      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: PBW      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037222 | -.002099 | .0016106 | .0021322 | .0192169 | .0059818 | .0431774 |
| Stddev | .0020497 | .002419  | .0009691 | .0015125 | .0006162 | .0152551 | .0005825 |
| %RSD   | 55.06774 | 115.2421 | 60.16839 | 70.93719 | 3.206525 | 255.0273 | 1.348990 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0033038 | -.002847 | .0008158 | .0007553 | .0198651 | .0104735 | .0428631 |
| #2 | .0059488 | .000606  | .0013259 | .0037511 | .0191468 | -.011015 | .0438495 |
| #3 | .0019139 | -.004057 | .0026902 | .0018901 | .0186387 | .018487  | .0428196 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000110 | -.000007 | 33.75453 | .0005183 | -.001133 | -.000327 | -.001577 |
| Stddev | .0000298 | .000052  | .13765   | .0004698 | .000118  | .005914  | .017011  |
| %RSD   | 269.8677 | 760.0679 | .4078102 | 90.63851 | 10.39000 | 1809.218 | 1078.397 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000063 | -.000004 | 33.75105 | .0006509 | -.001181 | .000171  | -.020878 |
| #2 | -.000016 | -.000060 | 33.61865 | -.000004 | -.000999 | -.006475 | .011235  |
| #3 | .000043  | .000044  | 33.89389 | .000908  | -.001219 | .005323  | .004910  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0271665 | 8.880407 | .0008757 | .0014940 | 33.06175 | .0012245 | .0065079 |
| Stddev | .0012718 | .187461  | .0003423 | .0003629 | .23532   | .0070346 | .0001315 |
| %RSD   | 4.681529 | 2.110947 | 39.08459 | 24.29221 | .7117530 | 574.4894 | 2.019783 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0264608 | 8.689956 | .0004913 | .0016723 | 33.26576 | .0061227 | .0063630 |
| #2 | .0264041 | 8.886537 | .0011474 | .0010764 | 33.11518 | -.006836 | .0066194 |
| #3 | .0286347 | 9.064727 | .0009885 | .0017333 | 32.80431 | .004387  | .0065414 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.291866 | .1736964 | .0766011 | .0020042 | 7.843609 | 5.447533 | -.004010 |
| Stddev | .037686  | .0033496 | .0010619 | .0001466 | .053599  | .040957  | .000508  |
| %RSD   | .7121507 | 1.928428 | 1.386330 | 7.314875 | .6833402 | .7518392 | 12.66224 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.297574 | .1771577 | .0774313 | .0018632 | 7.800308 | 5.490778 | -.004117 |
| #2 | 5.251652 | .1704710 | .0769675 | .0021558 | 7.826963 | 5.442489 | -.003457 |
| #3 | 5.326373 | .1734605 | .0754044 | .0019937 | 7.903555 | 5.409332 | -.004455 |

Sample Name: K1932-07LX5      Acquired: 03/19/2019 16:10:40      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: PBW      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.003750</b> | <b>.0124058</b> | <b>.1328542</b> |
| Stddev | .001470         | .0012636        | .0005577        |
| %RSD   | 39.20253        | 10.18551        | .4197708        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002082</b> | <b>.0126161</b> | <b>.1328952</b> |
| #2 | <b>-.004308</b> | <b>.0135510</b> | <b>.1333903</b> |
| #3 | <b>-.004859</b> | <b>.0110502</b> | <b>.1322772</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2588.846</b> | <b>2830.168</b> | <b>57827.86</b> | <b>5346.367</b> | <b>4158.447</b> |
| Stddev    | 6.831           | 15.956          | 205.98          | 43.032          | 22.664          |
| %RSD      | .2638691        | .5637699        | .3561900        | .8048881        | .5450113        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2591.091</b> | <b>2844.111</b> | <b>57786.83</b> | <b>5297.170</b> | <b>4177.994</b> |
| #2 | <b>2594.273</b> | <b>2833.626</b> | <b>58051.27</b> | <b>5364.920</b> | <b>4163.744</b> |
| #3 | <b>2581.175</b> | <b>2812.767</b> | <b>57645.49</b> | <b>5377.010</b> | <b>4133.604</b> |

Sample Name: K1932-07MS      Acquired: 03/19/2019 16:14:30      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-5MS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8932558</b> | <b>2.190404</b> | <b>1.067688</b> | <b>2.095223</b> | <b>.9645779</b> | <b>2.194867</b> | <b>.4359287</b> |
| Stddev | .0159567        | .027279         | .014327         | .028054         | .0143053        | .041218         | .0045902        |
| %RSD   | 1.786359        | 1.245400        | 1.341895        | 1.338955        | 1.483067        | 1.877942        | 1.052959        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8758180 | 2.172020 | 1.057262 | 2.071289 | .9528924 | 2.209039 | .4403974 |
| #2 | .8968210 | 2.177445 | 1.061777 | 2.088285 | .9603099 | 2.227129 | .4361626 |
| #3 | .9071284 | 2.221747 | 1.084025 | 2.126095 | .9805315 | 2.148432 | .4312260 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1988911</b> | <b>.1954367</b> | <b>159.0503</b> | <b>.4195834</b> | <b>.2162557</b> | <b>.3402918</b> | <b>3.121061</b> |
| Stddev | .0010689        | .0027780        | 2.0037          | .0014885        | .0030396        | .0090518        | .058048         |
| %RSD   | .5374496        | 1.421436        | 1.259806        | .3547676        | 1.405547        | 2.660006        | 1.859881        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1999878 | .1936509 | 160.5691 | .4179801 | .2138772 | .3430660 | 3.127763 |
| #2 | .1988333 | .1940220 | 159.8025 | .4209215 | .2152097 | .3476318 | 3.175467 |
| #3 | .1978522 | .1986373 | 156.7793 | .4198486 | .2196801 | .3301775 | 3.059953 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3326869</b> | <b>43.18898</b> | <b>.5458378</b> | <b>.0814850</b> | <b>158.1520</b> | <b>.3218238</b> | <b>.2646584</b> |
| Stddev | .0051277        | .59435          | .0062927        | .0006309        | 1.9315          | .0053677        | .0018069        |
| %RSD   | 1.541293        | 1.376167        | 1.152859        | .7742274        | 1.221282        | 1.667889        | .6827084        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3338731 | 43.55690 | .5400916 | .0821728 | 159.7893 | .3217243 | .2629569 |
| #2 | .3371174 | 43.50674 | .5448593 | .0809332 | 158.6448 | .3165067 | .2665548 |
| #3 | .3270700 | 42.50329 | .5525625 | .0813490 | 156.0219 | .3272406 | .2644635 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>36.49900</b> | <b>8.423124</b> | <b>.6888922</b> | <b>.4107944</b> | <b>38.44417</b> | <b>26.66573</b> | <b>.7484535</b> |
| Stddev | .28385          | .107396         | .0049798        | .0053832        | .43908          | .20032          | .0097558        |
| %RSD   | .7777039        | 1.275013        | .7228752        | 1.310427        | 1.142111        | .7512260        | 1.303459        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 36.74437 | 8.329168 | .6914204 | .4062509 | 38.18998 | 26.82654 | .7429620 |
| #2 | 36.56450 | 8.400009 | .6921007 | .4093926 | 38.19135 | 26.72931 | .7426812 |
| #3 | 36.18812 | 8.540195 | .6831554 | .4167398 | 38.95117 | 26.44133 | .7597173 |

Sample Name: K1932-07MS      Acquired: 03/19/2019 16:14:30      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-5MS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1991144</b> | <b>.2827857</b> | <b>.8035810</b> |
| Stddev | .0065610        | .0036884        | .0115803        |
| %RSD   | 3.295064        | 1.304321        | 1.441086        |
| #1     | <b>.2017446</b> | <b>.2854030</b> | <b>.8132301</b> |
| #2     | <b>.2039521</b> | <b>.2843869</b> | <b>.8067735</b> |
| #3     | <b>.1916464</b> | <b>.2785673</b> | <b>.7907393</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2582.051</b> | <b>2793.115</b> | <b>57889.79</b> | <b>5400.402</b> | <b>4005.821</b> |
| Stddev    | 13.746          | 32.174          | 85.37           | 32.060          | 45.157          |
| %RSD      | .5323820        | 1.151915        | .1474780        | .5936611        | 1.127277        |
| #1        | <b>2597.436</b> | <b>2823.765</b> | <b>57947.12</b> | <b>5378.574</b> | <b>4047.282</b> |
| #2        | <b>2570.976</b> | <b>2795.972</b> | <b>57791.67</b> | <b>5385.422</b> | <b>4012.473</b> |
| #3        | <b>2577.741</b> | <b>2759.607</b> | <b>57930.57</b> | <b>5437.211</b> | <b>3957.707</b> |

Sample Name: K1932-07MSD      Acquired: 03/19/2019 16:18:07      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-5MSD      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8925241</b> | <b>2.199317</b> | <b>1.073095</b> | <b>2.104547</b> | <b>.9705287</b> | <b>2.196205</b> | <b>.4395214</b> |
| Stddev | .0138975        | .029642         | .014547         | .036691         | .0134096        | .018255         | .0043228        |
| %RSD   | 1.557103        | 1.347788        | 1.355583        | 1.743436        | 1.381682        | .8312021        | .9835292        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8835849 | 2.181956 | 1.066493 | 2.076824 | .9628047 | 2.215101 | .4420988 |
| #2 | .8854522 | 2.182452 | 1.063020 | 2.090664 | .9627687 | 2.194846 | .4419346 |
| #3 | .9085354 | 2.233544 | 1.089772 | 2.146155 | .9860128 | 2.178667 | .4345307 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1995974</b> | <b>.1960813</b> | <b>160.9607</b> | <b>.4198797</b> | <b>.2170609</b> | <b>.3414005</b> | <b>3.103290</b> |
| Stddev | .0016337        | .0027183        | 3.0018          | .0010345        | .0029409        | .0077850        | .063613         |
| %RSD   | .8185198        | 1.386317        | 1.864938        | .2463885        | 1.354888        | 2.280317        | 2.049844        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1985012 | .1941402 | 162.2034 | .4201559 | .2148340 | .3499455 | 3.140827 |
| #2 | .2014751 | .1949158 | 163.1415 | .4207481 | .2159541 | .3347106 | 3.139200 |
| #3 | .1988160 | .1991881 | 157.5370 | .4187351 | .2203947 | .3395455 | 3.029842 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3370879</b> | <b>43.54791</b> | <b>.5477712</b> | <b>.0817570</b> | <b>159.9072</b> | <b>.3344510</b> | <b>.2661525</b> |
| Stddev | .0093392        | .48161          | .0066615        | .0008877        | 2.4462          | .0060303        | .0009260        |
| %RSD   | 2.770543        | 1.105923        | 1.216100        | 1.085781        | 1.529765        | 1.803029        | .3479147        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3435988 | 43.83021 | .5432439 | .0827778 | 161.2198 | .3413904 | .2666642 |
| #2 | .3412774 | 43.82170 | .5446494 | .0811666 | 161.4169 | .3304842 | .2667097 |
| #3 | .3263876 | 42.99182 | .5554202 | .0813265 | 157.0848 | .3314783 | .2650836 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>36.74676</b> | <b>8.446570</b> | <b>.6925649</b> | <b>.4114309</b> | <b>38.77922</b> | <b>26.75355</b> | <b>.7504415</b> |
| Stddev | .53577          | .118680         | .0036478        | .0067422        | .62682          | .14164          | .0122404        |
| %RSD   | 1.458000        | 1.405073        | .5267108        | 1.638718        | 1.616370        | .5294415        | 1.631095        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 37.10647 | 8.362347 | .6927038 | .4059429 | 38.21698 | 26.71398 | .7421243 |
| #2 | 37.00281 | 8.395060 | .6961412 | .4093929 | 38.66561 | 26.91077 | .7447033 |
| #3 | 36.13101 | 8.582303 | .6888496 | .4189570 | 39.45507 | 26.63590 | .7644969 |

Sample Name: K1932-07MSD      Acquired: 03/19/2019 16:18:07      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-5MSD      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1999777</b> | <b>.2827367</b> | <b>.8108593</b> |
| Stddev | .0018809        | .0033167        | .0049033        |
| %RSD   | .9405744        | 1.173067        | .6047051        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2021181</b> | <b>.2835290</b> | <b>.8158972</b> |
| #2 | <b>.1985882</b> | <b>.2855854</b> | <b>.8105781</b> |
| #3 | <b>.1992269</b> | <b>.2790956</b> | <b>.8061027</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2558.673</b> | <b>2787.614</b> | <b>57691.13</b> | <b>5401.504</b> | <b>3988.233</b> |
| Stddev    | 30.918          | 27.478          | 456.42          | 57.215          | 41.315          |
| %RSD      | 1.208350        | .9857349        | .7911370        | 1.059248        | 1.035933        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2543.779</b> | <b>2807.677</b> | <b>57394.18</b> | <b>5392.697</b> | <b>4014.781</b> |
| #2 | <b>2538.021</b> | <b>2798.870</b> | <b>57462.53</b> | <b>5349.203</b> | <b>4009.287</b> |
| #3 | <b>2594.218</b> | <b>2756.294</b> | <b>58216.67</b> | <b>5462.612</b> | <b>3940.632</b> |

Sample Name: CCV06      Acquired: 03/19/2019 16:21:46      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCV14706      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.203535 | 5.253259 | 5.052154 | 4.950142 | 5.277031 | 9.895759 |
| Stddev | .052665  | .066310  | .065937  | .073798  | .071934  | .031312  |
| %RSD   | 1.012091 | 1.262258 | 1.305135 | 1.490821 | 1.363149 | .3164153 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.154418 | 5.202706 | 5.004797 | 4.905259 | 5.231463 | 9.866146 |
| #2 | 5.197041 | 5.228732 | 5.024201 | 4.909853 | 5.239672 | 9.892602 |
| #3 | 5.259145 | 5.328338 | 5.127463 | 5.035315 | 5.359957 | 9.928530 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.64837 | .2307094 | 2.335218 | 24.62983 | .9857756 | 2.545233 |
| Stddev | .03558   | .0000744 | .031165  | .25159   | .0024802 | .033196  |
| %RSD   | .3341429 | .0322576 | 1.334543 | 1.021502 | .2515934 | 1.304227 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.68279 | .2306860 | 2.316721 | 24.34216 | .9867404 | 2.523043 |
| #2 | 10.61173 | .2306495 | 2.317735 | 24.80879 | .9876284 | 2.529259 |
| #3 | 10.65059 | .2307927 | 2.371199 | 24.73854 | .9829581 | 2.583395 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.334071 | 4.734051 | 2.457166 | 22.92255 | 2.544339 | 1.228603 |
| Stddev | .009801  | .065723  | .038309  | .27881   | .035096  | .006801  |
| %RSD   | .7346741 | 1.388304 | 1.559070 | 1.216300 | 1.379377 | .5535536 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.325900 | 4.676158 | 2.413745 | 22.60081 | 2.521835 | 1.233446 |
| #2 | 1.331376 | 4.720503 | 2.486193 | 23.09321 | 2.526404 | 1.231535 |
| #3 | 1.344938 | 4.805492 | 2.471560 | 23.07363 | 2.584779 | 1.220828 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 24.55750 | 2.478512 | 2.613336 | 26.10666 | F 5.850168 | 4.650404 |
| Stddev | .08596   | .022204  | .025784  | .13723   | .056415    | .006093  |
| %RSD   | .3500275 | .8958722 | .9866512 | .5256486 | .9643293   | .1310249 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 24.48168 | 2.453789 | 2.629546 | 26.09762 | 5.800091 | 4.643857 |
| #2 | 24.65088 | 2.484990 | 2.626858 | 26.24818 | 5.839125 | 4.655909 |
| #3 | 24.53993 | 2.496757 | 2.583603 | 25.97417 | 5.911288 | 4.651445 |

Sample Name: CCV06      Acquired: 03/19/2019 16:21:46      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCV14706      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.832309</b> | <b>5.002275</b> | <b>4.577910</b> | <b>4.975762</b> | <b>5.042457</b> | <b>5.032070</b> |
| Stddev | .056570         | .081934         | .014547         | .064419         | .025164         | .012002         |
| %RSD   | 1.170657        | 1.637930        | .3177556        | 1.294652        | .4990342        | .2385199        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.795681 | 4.965243 | 4.567538 | 4.932865 | 5.013511 | 5.044576 |
| #2 | 4.803783 | 4.945394 | 4.594538 | 4.944584 | 5.054739 | 5.020643 |
| #3 | 4.897462 | 5.096187 | 4.571656 | 5.049838 | 5.059121 | 5.030993 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>4.826588</b> |
| Stddev | .017649         |
| %RSD   | .3656579        |

|    |          |
|----|----------|
| #1 | 4.807915 |
| #2 | 4.828857 |
| #3 | 4.842993 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2547.651</b> | <b>2804.443</b> | <b>57319.49</b> | <b>5366.324</b> | <b>4069.693</b> |
| Stddev    | 29.629          | 23.943          | 421.43          | 13.792          | 38.732          |
| %RSD      | 1.162975        | .8537454        | .7352369        | .2570103        | .9517214        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2526.044 | 2817.661 | 57007.89 | 5354.371 | 4091.429 |
| #2 | 2535.483 | 2818.862 | 57151.58 | 5363.185 | 4092.675 |
| #3 | 2581.426 | 2776.805 | 57799.00 | 5381.414 | 4024.975 |



Sample Name: CCB06      Acquired: 03/19/2019 16:25:17      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCB14706      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0033264 | -.001180 | -.002082 | .0033691 | -.002116 | -.010894 | -.006517 |
| Stddev | .0011234 | .002692  | .001389  | .0019768 | .001033  | .021796  | .000590  |
| %RSD   | 33.77309 | 228.0741 | 66.73475 | 58.67515 | 48.80472 | 200.0757 | 9.045618 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0022297 | .000854  | -.000911 | .0042698 | -.001663 | .011831  | -.007191 |
| #2 | .0032746 | -.000161 | -.001718 | .0047353 | -.001387 | -.031624 | -.006268 |
| #3 | .0044748 | -.004233 | -.003617 | .0011024 | -.003298 | -.012889 | -.006094 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000200 | .0000635 | .0159482 | -.000187 | .0000827 | .0027262 | -.012256 |
| Stddev | .0000403 | .0000484 | .0237707 | .000223  | .0001113 | .0025853 | .029214  |
| %RSD   | 200.9702 | 76.21646 | 149.0493 | 119.2250 | 134.6052 | 94.83078 | 238.3716 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000394 | .0001194 | .0015558 | -.000398 | .0000172 | .0033154 | -.043743 |
| #2 | -.000026 | .0000343 | .0029036 | -.000211 | .0002113 | -.000103 | -.006996 |
| #3 | .000047  | .0000369 | .0433852 | .000047  | .0000197 | .004966  | .013972  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000665 | .0393608 | -.000303 | .0015134 | -.305816 | .0020009 | -.000325 |
| Stddev | .001232  | .0237991 | .000357  | .0006168 | .149240  | .0079578 | .000459  |
| %RSD   | 185.1868 | 60.46402 | 117.7415 | 40.76004 | 48.80062 | 397.7205 | 141.5282 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001194 | .0658311 | -.000657 | .0014279 | -.463735 | .0022777 | -.000685 |
| #2 | .000743  | .0325201 | -.000307 | .0009437 | -.286595 | .0098167 | -.000481 |
| #3 | -.001544 | .0197311 | .000056  | .0021685 | -.167117 | -.006092 | .000193  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1199550 | -.006135 | .0087330 | .0004059 | -.006352 | .0010508 | .0005280 |
| Stddev | .0375480 | .002651  | .0007553 | .0001517 | .004934  | .0006568 | .0012274 |
| %RSD   | 31.30172 | 43.21552 | 8.649119 | 37.37680 | 77.67099 | 62.50873 | 232.4629 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0840304 | -.003076 | .0089723 | .0002755 | -.005185 | .0017448 | -.000414 |
| #2 | .1589391 | -.007552 | .0093396 | .0005724 | -.002107 | .0009687 | .001916  |
| #3 | .1168955 | -.007776 | .0078870 | .0003699 | -.011766 | .0004389 | .000082  |

Sample Name: CCB06      Acquired: 03/19/2019 16:25:17      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCB14706      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001086</b> | <b>-.002475</b> | <b>-.000020</b> |
| Stddev | .001412         | .001504         | .000080         |
| %RSD   | 129.9930        | 60.74965        | 402.3013        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002700</b> | <b>-.001721</b> | <b>-.000054</b> |
| #2 | <b>-.000471</b> | <b>-.004207</b> | <b>.000072</b>  |
| #3 | <b>-.000086</b> | <b>-.001498</b> | <b>-.000077</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2579.381</b> | <b>2851.467</b> | <b>57218.25</b> | <b>5408.237</b> | <b>4150.557</b> |
| Stddev    | 9.956           | 31.668          | 216.40          | 35.157          | 49.234          |
| %RSD      | .3859854        | 1.110596        | .3781940        | .6500593        | 1.186206        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2568.606</b> | <b>2860.226</b> | <b>57038.78</b> | <b>5448.440</b> | <b>4166.720</b> |
| #2 | <b>2581.300</b> | <b>2877.834</b> | <b>57157.42</b> | <b>5383.260</b> | <b>4189.679</b> |
| #3 | <b>2588.238</b> | <b>2816.341</b> | <b>57458.55</b> | <b>5393.010</b> | <b>4095.274</b> |

Sample Name: K1932-07A      Acquired: 03/19/2019 16:29:10      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8984192</b> | <b>2.205806</b> | <b>1.076381</b> | <b>2.106413</b> | <b>.9722797</b> | <b>2.222285</b> | <b>.4496281</b> |
| Stddev | .0088310        | .033675         | .013699         | .023665         | .0146643        | .025286         | .0016741        |
| %RSD   | .9829529        | 1.526660        | 1.272648        | 1.123480        | 1.508241        | 1.137842        | .3723376        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8963191 | 2.200528 | 1.072579 | 2.107314 | .9706312 | 2.246175 | .4495992 |
| #2 | .8908275 | 2.175082 | 1.064985 | 2.082310 | .9585093 | 2.195803 | .4479686 |
| #3 | .9081109 | 2.241809 | 1.091579 | 2.129614 | .9876986 | 2.224877 | .4513165 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2023214</b> | <b>.1958846</b> | <b>162.5864</b> | <b>.4237445</b> | <b>.2177605</b> | <b>.3520089</b> | <b>3.147699</b> |
| Stddev | .0011162        | .0025946        | .8984           | .0041596        | .0020456        | .0062026        | .032573         |
| %RSD   | .5516956        | 1.324554        | .5525501        | .9816314        | .9393656        | 1.762043        | 1.034826        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2036019 | .1957575 | 163.3905 | .4219193 | .2177892 | .3555217 | 3.145577 |
| #2 | .2015541 | .1933559 | 161.6168 | .4285046 | .2157008 | .3448472 | 3.116239 |
| #3 | .2018081 | .1985404 | 162.7519 | .4208095 | .2197916 | .3556578 | 3.181281 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3402334</b> | <b>44.33646</b> | <b>.5479084</b> | <b>.0819198</b> | <b>161.5503</b> | <b>.3359900</b> | <b>.2676405</b> |
| Stddev | .0017339        | .18967          | .0062880        | .0007401        | .5650           | .0067558        | .0028807        |
| %RSD   | .5096111        | .4278013        | 1.147646        | .9034476        | .3497133        | 2.010708        | 1.076343        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3386092 | 44.26116 | .5467756 | .0815023 | 161.9274 | .3418502 | .2678634 |
| #2 | .3420593 | 44.19600 | .5422637 | .0827743 | 160.9007 | .3286007 | .2704034 |
| #3 | .3400319 | 44.55222 | .5546858 | .0814828 | 161.8227 | .3375190 | .2646549 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>37.44182</b> | <b>8.506287</b> | <b>.7078807</b> | <b>.4105266</b> | <b>38.67811</b> | <b>27.17294</b> | <b>.7494958</b> |
| Stddev | .17398          | .131868         | .0033699        | .0044367        | .52332          | .11544          | .0093900        |
| %RSD   | .4646742        | 1.550242        | .4760604        | 1.080729        | 1.353016        | .4248194        | 1.252848        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 37.54562 | 8.467360 | .7114161 | .4104611 | 38.67863 | 27.30619 | .7481561 |
| #2 | 37.24096 | 8.398264 | .7047052 | .4061230 | 38.15453 | 27.10323 | .7408476 |
| #3 | 37.53888 | 8.653236 | .7075208 | .4149957 | 39.20117 | 27.10941 | .7594837 |

Sample Name: K1932-07A      Acquired: 03/19/2019 16:29:10      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2072520</b> | <b>.2902637</b> | <b>.8243163</b> |
| Stddev | .0013319        | .0011507        | .0045240        |
| %RSD   | .6426338        | .3964455        | .5488161        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2060689</b> | <b>.2902218</b> | <b>.8221999</b> |
| #2 | <b>.2069928</b> | <b>.2891345</b> | <b>.8212384</b> |
| #3 | <b>.2086945</b> | <b>.2914348</b> | <b>.8295105</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2556.538</b> | <b>2783.470</b> | <b>57501.05</b> | <b>5318.768</b> | <b>3983.047</b> |
| Stddev    | 25.922          | 26.693          | 555.79          | 31.512          | 45.132          |
| %RSD      | 1.013963        | .9589887        | .9665672        | .5924677        | 1.133109        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2552.914 | 2795.762 | 57558.04 | 5282.461 | 4001.785 |
| #2 | 2532.619 | 2801.802 | 56918.97 | 5339.010 | 4015.793 |
| #3 | 2584.082 | 2752.845 | 58026.15 | 5334.833 | 3931.564 |

Sample Name: PB118053BL      Acquired: 03/19/2019 16:32:50      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: EFF-WW      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0040990 | -.001519 | .0000240 | .0042720 | -.001470 | -.025712 | -.006797 |
| Stddev | .0008125 | .001179  | .0006449 | .0036686 | .001094  | .007060  | .000341  |
| %RSD   | 19.82100 | 77.62087 | 2691.331 | 85.87561 | 74.42258 | 27.45802 | 5.017797 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0035190 | -.001983 | .0007652 | .0039265 | -.000665 | -.018941 | -.006645 |
| #2 | .0037504 | -.000178 | -.000408 | .0081011 | -.001030 | -.033030 | -.007187 |
| #3 | .0050276 | -.002395 | -.000285 | .0007884 | -.002715 | -.025166 | -.006558 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000016 | .0000689 | -.002432 | -.000041 | .0001509 | -.000380 | -.001969 |
| Stddev | .0000560 | .0000646 | .021857  | .000280  | .0002140 | .002273  | .019197  |
| %RSD   | 3471.159 | 93.73633 | 898.8930 | 678.5687 | 141.8301 | 598.3930 | 974.8551 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000632 | .0000443 | -.003908 | .000228  | .0003917 | .002186  | .018541  |
| #2 | -.000012 | .0001422 | .020127  | -.000021 | -.000017 | -.002141 | -.004943 |
| #3 | -.000046 | .0000202 | -.023513 | -.000331 | .000078  | -.001185 | -.019505 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000446 | .0566810 | -.000334 | .0017464 | -.120034 | -.006449 | .0002206 |
| Stddev | .000509  | .0036746 | .000210  | .0000514 | .210199  | .004785  | .0002731 |
| %RSD   | 114.1145 | 6.482875 | 62.87558 | 2.943683 | 175.1167 | 74.19078 | 123.8022 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000115 | .0605532 | -.000506 | .0017636 | -.352928 | -.000984 | .0002525 |
| #2 | -.000191 | .0532427 | -.000397 | .0016886 | .055607  | -.009885 | .0004763 |
| #3 | -.001032 | .0562470 | -.000100 | .0017870 | -.062780 | -.008477 | -.000067 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0882651 | -.007017 | .0001832 | .0004307 | -.002169 | -.000343 | -.000810 |
| Stddev | .0477287 | .002389  | .0008465 | .0001931 | .007316  | .000407  | .000557  |
| %RSD   | 54.07429 | 34.05082 | 462.1489 | 44.84087 | 337.2446 | 118.5077 | 68.70741 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1433595 | -.008091 | .0009598 | .0005842 | .005814  | -.000261 | -.000246 |
| #2 | .0594992 | -.004279 | .0003090 | .0002139 | -.003767 | .000016  | -.001360 |
| #3 | .0619366 | -.008681 | -.000719 | .0004941 | -.008555 | -.000785 | -.000825 |

Sample Name: PB118053BL      Acquired: 03/19/2019 16:32:50      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: EFF-WW      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.002968</b> | <b>-.003775</b> | <b>-.000015</b> |
| Stddev | .001895         | .003144         | .000074         |
| %RSD   | 63.84354        | 83.27943        | 504.3996        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.004974</b> | <b>-.006803</b> | <b>.000057</b>  |
| #2 | <b>-.001209</b> | <b>-.003997</b> | <b>-.000010</b> |
| #3 | <b>-.002721</b> | <b>-.000526</b> | <b>-.000092</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2570.957</b> | <b>2836.871</b> | <b>57021.06</b> | <b>5339.427</b> | <b>4123.944</b> |
| Stddev    | 23.157          | 35.159          | 490.18          | 37.622          | 50.104          |
| %RSD      | .9007044        | 1.239371        | .8596550        | .7046038        | 1.214961        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2544.222</b> | <b>2860.937</b> | <b>56495.63</b> | <b>5296.080</b> | <b>4156.723</b> |
| #2 | <b>2583.925</b> | <b>2853.155</b> | <b>57466.05</b> | <b>5358.610</b> | <b>4148.841</b> |
| #3 | <b>2584.724</b> | <b>2796.522</b> | <b>57101.49</b> | <b>5363.590</b> | <b>4066.267</b> |

Sample Name: PB118058BS      Acquired: 03/19/2019 16:36:44      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7543011</b> | <b>1.947963</b> | <b>.9459684</b> | <b>1.625429</b> | <b>.7723735</b> | <b>1.900537</b> |
| Stddev | .0126642        | .035450         | .0145638        | .024666         | .0105118        | .020866         |
| %RSD   | 1.678937        | 1.819859        | 1.539566        | 1.517481        | 1.360973        | 1.097898        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7451617 | 1.922284 | .9343464 | 1.617238 | .7665216 | 1.877207 |
| #2 | .7489847 | 1.933196 | .9412532 | 1.605901 | .7660900 | 1.917415 |
| #3 | .7687570 | 1.988410 | .9623057 | 1.653148 | .7845089 | 1.906988 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1946045</b> | <b>.1689697</b> | <b>.1750893</b> | <b>.9900499</b> | <b>.3861007</b> | <b>.1968228</b> |
| Stddev | .0021984        | .0011371        | .0024435        | .0097326        | .0016355        | .0026741        |
| %RSD   | 1.129686        | .6729635        | 1.395551        | .9830427        | .4235981        | 1.358631        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1920900 | .1678315 | .1738041 | .9789163 | .3869468 | .1953594 |
| #2 | .1961635 | .1701057 | .1735567 | .9942919 | .3842155 | .1951998 |
| #3 | .1955601 | .1689719 | .1779072 | .9969415 | .3871399 | .1999092 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3155793</b> | <b>2.845909</b> | <b>.1934097</b> | <b>1.795353</b> | <b>.4920886</b> | <b>.0689454</b> |
| Stddev | .0084043        | .032470         | .0013327        | .095577         | .0067933        | .0002502        |
| %RSD   | 2.663123        | 1.140926        | .6890773        | 5.323591        | 1.380507        | .3629069        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3059305 | 2.809887 | .1934682 | 1.713965 | .4873168 | .0692297 |
| #2 | .3213025 | 2.854914 | .1947123 | 1.771493 | .4890827 | .0688476 |
| #3 | .3195048 | 2.872925 | .1920487 | 1.900599 | .4998663 | .0687588 |

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774            | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>2.524334</b> | <b>.2925832</b> | <b>.2029368</b> | <b>9.847572</b> | <b>F 6.157756</b> | <b>.2572981</b> |
| Stddev | .149409         | .0059195        | .0010936        | .042432         | .095570           | .0011000        |
| %RSD   | 5.918736        | 2.023187        | .5388926        | .4308875        | 1.552032          | .4275275        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.657030 | .2883815 | .2041610 | 9.852527 | 6.100230 | .2565171 |
| #2 | 2.362504 | .2900151 | .2020566 | 9.802879 | 6.104960 | .2585561 |
| #3 | 2.553467 | .2993531 | .2025927 | 9.887308 | 6.268077 | .2568211 |

Sample Name: PB118058BS      Acquired: 03/19/2019 16:36:44      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                 |                 |                 |                 |
|--------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3682521</b> | <b>F -.018744</b> | <b>.8170973</b> | <b>.6644267</b> | <b>.1898076</b> | <b>.1852797</b> |
| Stddev | .0058572        | .002165           | .0047722        | .0102112        | .0042420        | .0006431        |
| %RSD   | 1.590541        | 11.54805          | .5840419        | 1.536849        | 2.234919        | .3471021        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3652782 | -.018821 | .8119527 | .6603147 | .1849161 | .1845372 |
| #2 | .3644784 | -.020868 | .8213794 | .6569126 | .1920299 | .1856409 |
| #3 | .3749996 | -.016541 | .8179598 | .6760529 | .1924768 | .1856609 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.1810601</b> |
| Stddev | .0009415        |
| %RSD   | .5200204        |

|    |          |
|----|----------|
| #1 | .1799752 |
| #2 | .1816638 |
| #3 | .1815414 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2536.998</b> | <b>2826.402</b> | <b>56852.10</b> | <b>5377.197</b> | <b>4153.973</b> |
| Stddev    | 25.632          | 17.060          | 531.76          | 17.116          | 25.567          |
| %RSD      | 1.010313        | .6035937        | .9353480        | .3183156        | .6154864        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2509.041 | 2836.485 | 56399.01 | 5384.500 | 4172.391 |
| #2 | 2559.389 | 2836.017 | 57437.54 | 5357.640 | 4164.746 |
| #3 | 2542.563 | 2806.705 | 56719.74 | 5389.450 | 4124.782 |



Sample Name: PB118054BL      Acquired: 03/19/2019 16:40:28      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000481</b> | <b>-.001310</b> | <b>.0000163</b> | <b>.0053047</b> | <b>-.000465</b> | <b>-.008736</b> | <b>-.006283</b> |
| Stddev | .004046         | .000292         | .0009102        | .0028316        | .001067         | .008009         | .000852         |
| %RSD   | 840.5350        | 22.30481        | 5589.014        | 53.37878        | 229.3799        | 91.67521        | 13.55487        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004854</b> | <b>-.001094</b> | <b>.0010274</b> | <b>.0084881</b> | <b>-.001668</b> | <b>-.000852</b> | <b>-.006575</b> |
| #2 | <b>.003129</b>  | <b>-.001193</b> | <b>-.000241</b> | <b>.0043585</b> | <b>.000368</b>  | <b>-.008493</b> | <b>-.005323</b> |
| #3 | <b>.000282</b>  | <b>-.001642</b> | <b>-.000738</b> | <b>.0030673</b> | <b>-.000096</b> | <b>-.016864</b> | <b>-.006950</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000019</b> | <b>.0000327</b> | <b>.0347102</b> | <b>.0003035</b> | <b>.0001044</b> | <b>.0012121</b> | <b>-.033902</b> |
| Stddev | .000014         | .0000745        | .0177942        | .0003563        | .0002550        | .0012768        | .023616         |
| %RSD   | 70.66769        | 227.7978        | 51.26499        | 117.3716        | 244.2931        | 105.3349        | 69.65917        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000004</b> | <b>.0000282</b> | <b>.0158961</b> | <b>.0000890</b> | <b>.0003610</b> | <b>.0026699</b> | <b>-.030770</b> |
| #2 | <b>-.000024</b> | <b>.0001094</b> | <b>.0512695</b> | <b>.0001068</b> | <b>-.000149</b> | <b>.0006735</b> | <b>-.058927</b> |
| #3 | <b>-.000030</b> | <b>-.000039</b> | <b>.0369649</b> | <b>.0007148</b> | <b>.000101</b>  | <b>.0002929</b> | <b>-.012008</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000077</b> | <b>.0746852</b> | <b>-.000258</b> | <b>.0014300</b> | <b>-.169280</b> | <b>-.001581</b> | <b>-.000637</b> |
| Stddev | .001087         | .0897721        | .000166         | .0000891        | .161952         | .002546         | .000169         |
| %RSD   | 1420.441        | 120.2006        | 64.26699        | 6.232832        | 95.67097        | 161.0168        | 26.49010        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.001025</b>  | <b>.1770098</b> | <b>-.000073</b> | <b>.0014106</b> | <b>-.356141</b> | <b>.000435</b>  | <b>-.000443</b> |
| #2 | <b>-.000107</b> | <b>.0378857</b> | <b>-.000309</b> | <b>.0015272</b> | <b>-.082237</b> | <b>-.000736</b> | <b>-.000719</b> |
| #3 | <b>-.001148</b> | <b>.0091602</b> | <b>-.000393</b> | <b>.0013522</b> | <b>-.069463</b> | <b>-.004442</b> | <b>-.000749</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1192325</b> | <b>-.006552</b> | <b>-.002967</b> | <b>.0000030</b> | <b>-.000605</b> | <b>-.002354</b> | <b>-.002102</b> |
| Stddev | .0080486        | .001216         | .000951         | .0003752        | .001321         | .001187         | .000732         |
| %RSD   | 6.750330        | 18.55971        | 32.03973        | 12559.19        | 218.3862        | 50.41512        | 34.81638        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1283238</b> | <b>-.005238</b> | <b>-.002029</b> | <b>.0003686</b> | <b>.000711</b>  | <b>-.001580</b> | <b>-.001350</b> |
| #2 | <b>.1163574</b> | <b>-.006778</b> | <b>-.003930</b> | <b>.0000215</b> | <b>-.001932</b> | <b>-.003720</b> | <b>-.002145</b> |
| #3 | <b>.1130163</b> | <b>-.007638</b> | <b>-.002942</b> | <b>-.000381</b> | <b>-.000594</b> | <b>-.001762</b> | <b>-.002812</b> |

Sample Name: PB118054BL      Acquired: 03/19/2019 16:40:28      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.002854</b> | <b>-.004157</b> | <b>-.000016</b> |
| Stddev | .001328         | .003406         | .000097         |
| %RSD   | 46.53899        | 81.94987        | 612.6376        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002225</b> | <b>-.007424</b> | <b>-.000104</b> |
| #2 | <b>-.004380</b> | <b>-.000626</b> | <b>-.000031</b> |
| #3 | <b>-.001957</b> | <b>-.004420</b> | <b>.000088</b>  |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2536.139</b> | <b>2850.641</b> | <b>56294.59</b> | <b>5264.070</b> | <b>4137.283</b> |
| Stddev    | 24.124          | 37.902          | 513.44          | 29.244          | 43.146          |
| %RSD      | .9512023        | 1.329592        | .9120658        | .5555348        | 1.042859        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2559.678</b> | <b>2836.143</b> | <b>56720.44</b> | <b>5240.540</b> | <b>4119.943</b> |
| #2 | <b>2511.470</b> | <b>2893.651</b> | <b>55724.44</b> | <b>5296.810</b> | <b>4186.401</b> |
| #3 | <b>2537.268</b> | <b>2822.127</b> | <b>56438.91</b> | <b>5254.860</b> | <b>4105.504</b> |

Sample Name: PB118054BS      Acquired: 03/19/2019 16:44:21      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7953386</b> | <b>2.015063</b> | <b>.9659211</b> | <b>1.901736</b> | <b>.8043076</b> | <b>1.917620</b> | <b>.1990483</b> |
| Stddev | .0077455        | .018855         | .0092580        | .021214         | .0102692        | .021960         | .0016141        |
| %RSD   | .9738630        | .9357229        | .9584663        | 1.115498        | 1.276774        | 1.145180        | .8108878        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7913286 | 2.010414 | .9617782 | 1.899867 | .7985380 | 1.912123 | .2002531 |
| #2 | .7904201 | 1.998966 | .9594580 | 1.881518 | .7982208 | 1.941807 | .1996774 |
| #3 | .8042669 | 2.035807 | .9765271 | 1.923822 | .8161641 | 1.898931 | .1972145 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1787218</b> | <b>.1804715</b> | <b>1.023064</b> | <b>.3907769</b> | <b>.2000984</b> | <b>.3212861</b> | <b>2.873825</b> |
| Stddev | .0008100        | .0019252        | .004096         | .0021700        | .0021123        | .0056425        | .060147         |
| %RSD   | .4532208        | 1.066739        | .4003354        | .5553124        | 1.055612        | 1.756234        | 2.092936        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1788002 | .1798976 | 1.020809 | .3931185 | .1998238 | .3242776 | 2.920785 |
| #2 | .1794898 | .1788986 | 1.020592 | .3903787 | .1981369 | .3248029 | 2.894660 |
| #3 | .1778755 | .1826184 | 1.027792 | .3888336 | .2023346 | .3147777 | 2.806031 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1956945</b> | <b>1.870913</b> | <b>.5021899</b> | <b>.0697649</b> | <b>2.796909</b> | <b>.2943354</b> | <b>.2068937</b> |
| Stddev | .0019027        | .079815         | .0048321        | .0003006        | .101155         | .0075079        | .0014063        |
| %RSD   | .9722817        | 4.266110        | .9621993        | .4308958        | 3.616682        | 2.550806        | .6797373        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1974784 | 1.951298 | .5002945 | .0695951 | 2.700239 | .3017253 | .2077825 |
| #2 | .1936919 | 1.869759 | .4985929 | .0695877 | 2.902020 | .2867148 | .2052723 |
| #3 | .1959133 | 1.791680 | .5076823 | .0701120 | 2.788468 | .2945661 | .2076263 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.22711</b> | <b>6.540692</b> | <b>.2706351</b> | <b>.3713272</b> | <b>-.017748</b> | <b>.8662762</b> | <b>.6821711</b> |
| Stddev | .10881          | .069147         | .0004160        | .0047379        | .004463         | .0033703        | .0085394        |
| %RSD   | 1.063938        | 1.057176        | .1536971        | 1.275926        | 25.14652        | .3890562        | 1.251795        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.35246 | 6.512578 | .2702509 | .3702929 | -.019331 | .8661575 | .6806824 |
| #2 | 10.17187 | 6.490031 | .2710768 | .3671920 | -.012709 | .8697044 | .6744740 |
| #3 | 10.15699 | 6.619467 | .2705777 | .3764968 | -.021203 | .8629669 | .6913570 |

Sample Name: PB118054BS      Acquired: 03/19/2019 16:44:21      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1955221</b> | <b>.1869178</b> | <b>.1817655</b> |
| Stddev | .0019760        | .0016144        | .0014352        |
| %RSD   | 1.010646        | .8636837        | .7895980        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1977986</b> | <b>.1860492</b> | <b>.1830521</b> |
| #2 | <b>.1945179</b> | <b>.1887806</b> | <b>.1820267</b> |
| #3 | <b>.1942498</b> | <b>.1859237</b> | <b>.1802176</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2568.544</b> | <b>2832.776</b> | <b>57014.37</b> | <b>5327.357</b> | <b>4142.152</b> |
| Stddev    | 5.387           | 29.734          | 43.11           | 14.949          | 37.792          |
| %RSD      | .2097485        | 1.049630        | .0756151        | .2806114        | .9123874        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2570.011</b> | <b>2845.797</b> | <b>56992.30</b> | <b>5340.550</b> | <b>4162.815</b> |
| #2 | <b>2573.046</b> | <b>2853.778</b> | <b>56986.75</b> | <b>5311.120</b> | <b>4165.108</b> |
| #3 | <b>2562.575</b> | <b>2798.753</b> | <b>57064.04</b> | <b>5330.400</b> | <b>4098.533</b> |

Sample Name: PB118058BL      Acquired: 03/19/2019 16:48:04      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010965 | -.001630 | -.000830 | .0039617 | -.001338 | -.020844 | -.006791 |
| Stddev | .0018724 | .000537  | .001034  | .0007523 | .001196  | .012450  | .000657  |
| %RSD   | 170.7650 | 32.91091 | 124.5080 | 18.99012 | 89.36019 | 59.73064 | 9.669416 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0023774 | -.002029 | -.000190 | .0031286 | -.000202 | -.025511 | -.006330 |
| #2 | .0019645 | -.001020 | -.002023 | .0041651 | -.002586 | -.006735 | -.006499 |
| #3 | -.001052 | -.001842 | -.000278 | .0045915 | -.001226 | -.030287 | -.007543 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000012 | -.000073 | .0128501 | -.000418 | .0001160 | .0009214 | -.006155 |
| Stddev | .000039  | .000133  | .0099532 | .000202  | .0003327 | .0023379 | .020624  |
| %RSD   | 332.6813 | 181.9745 | 77.45620 | 48.47410 | 286.7902 | 253.7200 | 335.0633 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000053 | -.000118 | .0240199 | -.000196 | .0004127 | .0035881 | -.026517 |
| #2 | .000026  | -.000178 | .0049216 | -.000465 | .0001791 | -.000048 | .014721  |
| #3 | -.000008 | .000076  | .0096087 | -.000592 | -.000244 | -.000776 | -.006670 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001224 | .0274891 | .0000856 | .0014924 | -.349129 | -.001564 | -.001143 |
| Stddev | .000984  | .0255434 | .0003520 | .0001253 | .185808  | .003839  | .000130  |
| %RSD   | 80.42461 | 92.92207 | 411.2679 | 8.394586 | 53.22050 | 245.4711 | 11.37685 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001851 | .0065798 | .0003727 | .0013644 | -.560892 | .001145  | -.001288 |
| #2 | -.000089 | .0199280 | .0001912 | .0016148 | -.213384 | -.005958 | -.001102 |
| #3 | -.001730 | .0559595 | -.000307 | .0014979 | -.273110 | .000121  | -.001038 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1971377 | -.007182 | -.002985 | .0001917 | -.007244 | -.003207 | -.002679 |
| Stddev | .0244014 | .000388  | .000443  | .0002019 | .003869  | .000878  | .000962  |
| %RSD   | 12.37786 | 5.402350 | 14.84449 | 105.2838 | 53.41420 | 27.37014 | 35.92207 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2220562 | -.007256 | -.002585 | .0001355 | -.009400 | -.003287 | -.003496 |
| #2 | .1732886 | -.006762 | -.002909 | .0000239 | -.002777 | -.004042 | -.002921 |
| #3 | .1960682 | -.007527 | -.003461 | .0004157 | -.009554 | -.002292 | -.001618 |

Sample Name: PB118058BL      Acquired: 03/19/2019 16:48:04      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.002740</b> | <b>-.004826</b> | <b>-.000023</b> |
| Stddev | .000546         | .002369         | .000043         |
| %RSD   | 19.91878        | 49.08770        | 184.0076        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.003012</b> | <b>-.007551</b> | <b>-.000048</b> |
| #2 | <b>-.003096</b> | <b>-.003253</b> | <b>-.000049</b> |
| #3 | <b>-.002111</b> | <b>-.003675</b> | <b>.000026</b>  |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2541.345</b> | <b>2827.358</b> | <b>56600.25</b> | <b>5291.473</b> | <b>4099.179</b> |
| Stddev    | 47.423          | 15.171          | 544.47          | 34.596          | 25.948          |
| %RSD      | 1.866054        | .5365773        | .9619513        | .6537984        | .6330170        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2556.183</b> | <b>2833.134</b> | <b>56561.20</b> | <b>5330.610</b> | <b>4111.242</b> |
| #2 | <b>2579.575</b> | <b>2838.792</b> | <b>57163.19</b> | <b>5264.970</b> | <b>4116.900</b> |
| #3 | <b>2488.277</b> | <b>2810.147</b> | <b>56076.36</b> | <b>5278.840</b> | <b>4069.395</b> |

Sample Name: PB118058TB      Acquired: 03/19/2019 16:55:40      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.005543</b> | <b>-.002678</b> | <b>-.001707</b> | <b>.0057540</b> | <b>-.002035</b> | <b>-.017619</b> |
| Stddev | .002697         | .000913         | .001511         | .0030750        | .001114         | .022367         |
| %RSD   | 48.65988        | 34.07687        | 88.54301        | 53.44155        | 54.75249        | 126.9485        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.008583</b> | <b>-.002455</b> | <b>-.000735</b> | <b>.0036690</b> | <b>-.000786</b> | <b>.007070</b>  |
| #2 | <b>-.004608</b> | <b>-.003681</b> | <b>-.000938</b> | <b>.0043075</b> | <b>-.002390</b> | <b>-.023395</b> |
| #3 | <b>-.003437</b> | <b>-.001897</b> | <b>-.003447</b> | <b>.0092856</b> | <b>-.002928</b> | <b>-.036532</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.007974</b> | <b>-.000268</b> | <b>.0001355</b> | <b>.0050224</b> | <b>.0012992</b> | <b>-.000236</b> |
| Stddev | .001500         | .000025         | .0001127        | .0282517        | .0004689        | .000345         |
| %RSD   | 18.80886        | 9.444175        | 83.14255        | 562.5197        | 36.08929        | 146.3175        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.008897</b> | <b>-.000249</b> | <b>.0001081</b> | <b>-.024779</b> | <b>.0016776</b> | <b>-.000633</b> |
| #2 | <b>-.008781</b> | <b>-.000297</b> | <b>.0002593</b> | <b>.008431</b>  | <b>.0014453</b> | <b>-.000006</b> |
| #3 | <b>-.006243</b> | <b>-.000258</b> | <b>.0000390</b> | <b>.031415</b>  | <b>.0007747</b> | <b>-.000069</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000128</b> | <b>-.017427</b> | <b>-.000296</b> | <b>-.015703</b> | <b>.0026440</b> | <b>.0032853</b> |
| Stddev | .002387         | .013008         | .000487         | .048024         | .0000398        | .0002890        |
| %RSD   | 1865.353        | 74.64424        | 164.4420        | 305.8275        | 1.505576        | 8.795605        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.002546</b>  | <b>-.004154</b> | <b>-.000344</b> | <b>-.055141</b> | <b>.0026080</b> | <b>.0035751</b> |
| #2 | <b>-.000885</b> | <b>-.030153</b> | <b>-.000758</b> | <b>-.029744</b> | <b>.0026374</b> | <b>.0029972</b> |
| #3 | <b>-.002045</b> | <b>-.017972</b> | <b>.000213</b>  | <b>.037776</b>  | <b>.0026868</b> | <b>.0032837</b> |

|        |                   |                 |                 |                 |                 |                 |
|--------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183            | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm               | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>F 277.6267</b> | <b>-.001328</b> | <b>.0002923</b> | <b>-.080658</b> | <b>-.006222</b> | <b>-.002375</b> |
| Stddev | .2356             | .002384         | .0003148        | .026326         | .001510         | .001316         |
| %RSD   | .0848484          | 179.5436        | 107.6911        | 32.63909        | 24.27240        | 55.42045        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>277.3953</b> | <b>-.003011</b> | <b>.0005937</b> | <b>-.094209</b> | <b>-.007866</b> | <b>-.001401</b> |
| #2 | <b>277.8662</b> | <b>.001400</b>  | <b>.0003176</b> | <b>-.097447</b> | <b>-.004897</b> | <b>-.003873</b> |
| #3 | <b>277.6185</b> | <b>-.002372</b> | <b>-.000034</b> | <b>-.050317</b> | <b>-.005903</b> | <b>-.001852</b> |

Sample Name: PB118058TB      Acquired: 03/19/2019 16:55:40      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003377 | -.000023 | -.002173 | -.002209 | -.001738 | -.006174 |
| Stddev | .0001673 | .003324  | .000827  | .001185  | .001288  | .000746  |
| %RSD   | 49.52813 | 14392.80 | 38.05124 | 53.67345 | 74.08320 | 12.08186 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0001474 | -.001540 | -.001241 | -.003067 | -.000686 | -.006385 |
| #2 | .0004616 | -.002318 | -.002818 | -.000856 | -.003174 | -.006792 |
| #3 | .0004040 | .003789  | -.002460 | -.002703 | -.001355 | -.005346 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0000372 |
| Stddev | .0001416 |
| %RSD   | 380.7947 |

|    |          |
|----|----------|
| #1 | .0000532 |
| #2 | .0001701 |
| #3 | -.000112 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2507.702 | 2750.846 | 56880.80 | 5342.156 | 3957.605 |
| Stddev    | 8.751    | 20.482   | 142.59   | 31.362   | 30.936   |
| %RSD      | .3489462 | .7445612 | .2506759 | .5870570 | .7816728 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2497.875 | 2764.372 | 56723.86 | 5365.670 | 3975.539 |
| #2 | 2514.653 | 2760.885 | 56916.17 | 5306.548 | 3975.392 |
| #3 | 2510.577 | 2727.282 | 57002.37 | 5354.250 | 3921.884 |



Sample Name: PB118059BL      Acquired: 03/19/2019 16:59:34      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001937</b> | <b>-.002690</b> | <b>.0004496</b> | <b>.0064009</b> | <b>-.002833</b> | <b>-.021811</b> | <b>-.005854</b> |
| Stddev | .007061         | .001168         | .0001875        | .0020980        | .001315         | .005082         | .001634         |
| %RSD   | 364.4836        | 43.42211        | 41.70411        | 32.77640        | 46.42935        | 23.29926        | 27.90858        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004642</b> | <b>-.003256</b> | <b>.0006283</b> | <b>.0039784</b> | <b>-.004349</b> | <b>-.024953</b> | <b>-.004914</b> |
| #2 | <b>-.007246</b> | <b>-.003466</b> | <b>.0004659</b> | <b>.0076188</b> | <b>-.002153</b> | <b>-.024533</b> | <b>-.007741</b> |
| #3 | <b>.006077</b>  | <b>-.001346</b> | <b>.0002544</b> | <b>.0076056</b> | <b>-.001997</b> | <b>-.015948</b> | <b>-.004907</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000009</b> | <b>.0000194</b> | <b>.0355955</b> | <b>-.000015</b> | <b>-.000021</b> | <b>.0020795</b> | <b>-.015593</b> |
| Stddev | .000048         | .0000404        | .0097281        | .000393         | .000162         | .0021388        | .018711         |
| %RSD   | 543.9574        | 207.8913        | 27.32969        | 2712.188        | 786.9470        | 102.8541        | 119.9952        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000002</b> | <b>-.000006</b> | <b>.0429794</b> | <b>-.000063</b> | <b>-.000010</b> | <b>.0036564</b> | <b>-.032736</b> |
| #2 | <b>.000035</b>  | <b>.000066</b>  | <b>.0392345</b> | <b>.000401</b>  | <b>-.000188</b> | <b>.0029371</b> | <b>-.018408</b> |
| #3 | <b>-.000060</b> | <b>-.000002</b> | <b>.0245724</b> | <b>-.000381</b> | <b>.000136</b>  | <b>-.000355</b> | <b>.004366</b>  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001185</b> | <b>.0480546</b> | <b>.0000546</b> | <b>.0013296</b> | <b>-.491337</b> | <b>-.001493</b> | <b>-.001052</b> |
| Stddev | .002035         | .0306364        | .0001433        | .0002732        | .173384         | .002826         | .000379         |
| %RSD   | 171.7575        | 63.75322        | 262.6150        | 20.54760        | 35.28826        | 189.2600        | 36.01102        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.000780</b>  | <b>.0549506</b> | <b>.0001694</b> | <b>.0014169</b> | <b>-.440872</b> | <b>.001559</b>  | <b>-.001443</b> |
| #2 | <b>-.003284</b> | <b>.0746553</b> | <b>-.000106</b> | <b>.0010234</b> | <b>-.684355</b> | <b>-.004019</b> | <b>-.001028</b> |
| #3 | <b>-.001051</b> | <b>.0145580</b> | <b>.000100</b>  | <b>.0015484</b> | <b>-.348784</b> | <b>-.002020</b> | <b>-.000686</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1808640</b> | <b>-.009703</b> | <b>-.005086</b> | <b>.0000050</b> | <b>-.008656</b> | <b>-.003686</b> | <b>-.002239</b> |
| Stddev | .0430225        | .003283         | .000453         | .0002416        | .004333         | .000740         | .000715         |
| %RSD   | 23.78721        | 33.83654        | 8.903298        | 4861.314        | 50.06139        | 20.07867        | 31.91847        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1331391</b> | <b>-.012799</b> | <b>-.005566</b> | <b>-.000249</b> | <b>-.005658</b> | <b>-.004164</b> | <b>-.002279</b> |
| #2 | <b>.1927814</b> | <b>-.010050</b> | <b>-.005025</b> | <b>.000233</b>  | <b>-.013624</b> | <b>-.004061</b> | <b>-.002932</b> |
| #3 | <b>.2166716</b> | <b>-.006260</b> | <b>-.004666</b> | <b>.000031</b>  | <b>-.006685</b> | <b>-.002833</b> | <b>-.001505</b> |

Sample Name: PB118059BL      Acquired: 03/19/2019 16:59:34      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.004480</b> | <b>-.005731</b> | <b>.0000017</b> |
| Stddev | .003084         | .000935         | .0001214        |
| %RSD   | 68.84173        | 16.32132        | 7124.113        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.007297</b> | <b>-.005199</b> | <b>.0000899</b> |
| #2 | <b>-.004957</b> | <b>-.006811</b> | <b>.0000520</b> |
| #3 | <b>-.001185</b> | <b>-.005183</b> | <b>-.000137</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2552.508</b> | <b>2827.110</b> | <b>56640.14</b> | <b>5275.010</b> | <b>4086.098</b> |
| Stddev    | 7.200           | 30.190          | 108.21          | 79.376          | 48.066          |
| %RSD      | .2820661        | 1.067861        | .1910405        | 1.504757        | 1.176322        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2555.608</b> | <b>2856.777</b> | <b>56761.59</b> | <b>5279.400</b> | <b>4132.435</b> |
| #2 | <b>2544.278</b> | <b>2828.129</b> | <b>56604.84</b> | <b>5352.100</b> | <b>4089.386</b> |
| #3 | <b>2557.639</b> | <b>2796.424</b> | <b>56553.99</b> | <b>5193.530</b> | <b>4036.473</b> |

Sample Name: PB118053BS      Acquired: 03/19/2019 17:19:40      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8368513 | 2.115035 | 1.016062 | 2.008030 | .8388944 | 2.005315 | .2052967 |
| Stddev | .0130186 | .030851  | .015052  | .014029  | .0109997 | .037574  | .0035288 |
| %RSD   | 1.555667 | 1.458647 | 1.481373 | .6986276 | 1.311212 | 1.873718 | 1.718880 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8321724 | 2.103122 | 1.011354 | 2.002456 | .8354338 | 2.000118 | .2059565 |
| #2 | .8268188 | 2.091917 | 1.003926 | 1.997646 | .8300412 | 1.970610 | .2014845 |
| #3 | .8515628 | 2.150066 | 1.032905 | 2.023989 | .8512083 | 2.045217 | .2084490 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1866290 | .1892708 | 1.048413 | .4088273 | .2100400 | .3383011 | 2.950333 |
| Stddev | .0020162 | .0029759 | .016773  | .0024333 | .0036024 | .0098800 | .045383  |
| %RSD   | 1.080334 | 1.572290 | 1.599841 | .5951940 | 1.715122 | 2.920489 | 1.538241 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1860963 | .1878626 | 1.065622 | .4078402 | .2085333 | .3304556 | 2.964601 |
| #2 | .1849327 | .1872603 | 1.032113 | .4070427 | .2074354 | .3350509 | 2.899531 |
| #3 | .1888581 | .1926894 | 1.047504 | .4115991 | .2141511 | .3493968 | 2.986868 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2018985 | 1.937071 | .5276655 | .0732474 | 2.906370 | .3011086 | .2186064 |
| Stddev | .0026215 | .051337  | .0075091 | .0006589 | .112289  | .0098479 | .0031410 |
| %RSD   | 1.298433 | 2.650258 | 1.423081 | .8995753 | 3.863561 | 3.270559 | 1.436807 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2030155 | 1.986885 | .5239178 | .0725265 | 2.806870 | .3023428 | .2163563 |
| #2 | .1989035 | 1.884335 | .5227679 | .0738184 | 3.028118 | .2907018 | .2172680 |
| #3 | .2037766 | 1.939994 | .5363108 | .0733974 | 2.884122 | .3102813 | .2221948 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.55554 | 6.851280 | .2814170 | .3924634 | -.016796 | .9675186 | .7176298 |
| Stddev | .22126   | .113830  | .0037065 | .0045674 | .004957  | .0116735 | .0113065 |
| %RSD   | 2.096127 | 1.661439 | 1.317099 | 1.163764 | 29.51361 | 1.206535 | 1.575534 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.64287 | 6.792859 | .2808047 | .3901547 | -.014746 | .9642344 | .7126282 |
| #2 | 10.30394 | 6.778523 | .2780547 | .3895113 | -.022449 | .9578391 | .7096867 |
| #3 | 10.71980 | 6.982459 | .2853915 | .3977242 | -.013192 | .9804824 | .7305745 |

Sample Name: PB118053BS      Acquired: 03/19/2019 17:19:40      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2001758</b> | <b>.1911256</b> | <b>.1884505</b> |
| Stddev | .0049474        | .0052409        | .0028914        |
| %RSD   | 2.471534        | 2.742144        | 1.534284        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2001135</b> | <b>.1921431</b> | <b>.1884377</b> |
| #2 | <b>.1952599</b> | <b>.1854505</b> | <b>.1855655</b> |
| #3 | <b>.2051541</b> | <b>.1957832</b> | <b>.1913482</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2523.221</b> | <b>2816.997</b> | <b>56476.90</b> | <b>5311.843</b> | <b>4143.145</b> |
| Stddev    | 10.549          | 21.841          | 158.14          | 45.677          | 41.023          |
| %RSD      | .4180791        | .7753151        | .2800144        | .8599096        | .9901454        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2530.882</b> | <b>2824.816</b> | <b>56530.63</b> | <b>5291.410</b> | <b>4158.719</b> |
| #2 | <b>2527.592</b> | <b>2833.851</b> | <b>56601.18</b> | <b>5364.170</b> | <b>4174.101</b> |
| #3 | <b>2511.189</b> | <b>2792.323</b> | <b>56298.89</b> | <b>5279.950</b> | <b>4096.616</b> |

Sample Name: PB118059BS      Acquired: 03/19/2019 17:23:23      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7570592 | 1.910669 | .9226928 | 1.823780 | .7584446 | 1.837554 |
| Stddev | .0057149 | .016554  | .0053595 | .018667  | .0067465 | .009881  |
| %RSD   | .7548793 | .8663882 | .5808521 | 1.023542 | .8895228 | .5377222 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7539627 | 1.901810 | .9200499 | 1.805756 | .7547911 | 1.848900 |
| #2 | .7535608 | 1.900430 | .9191680 | 1.822555 | .7543129 | 1.830835 |
| #3 | .7636541 | 1.929767 | .9288604 | 1.843030 | .7662300 | 1.832928 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1881467 | .1719963 | .1728655 | .9710711 | .3695956 | .1903752 |
| Stddev | .0005145 | .0009131 | .0019908 | .0062000 | .0040143 | .0016948 |
| %RSD   | .2734337 | .5308659 | 1.151632 | .6384660 | 1.086144 | .8902187 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1881120 | .1711002 | .1716816 | .9765044 | .3652455 | .1896741 |
| #2 | .1876506 | .1729255 | .1717509 | .9723917 | .3731571 | .1891434 |
| #3 | .1886777 | .1719632 | .1751639 | .9643172 | .3703841 | .1923080 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3069003 | 2.769705 | .1857871 | 1.794786 | .4785581 | .0674408 |
| Stddev | .0039464 | .011088  | .0020809 | .057248  | .0027690 | .0005396 |
| %RSD   | 1.285905 | .4003492 | 1.120030 | 3.189664 | .5786158 | .8000655 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3027758 | 2.770742 | .1854547 | 1.818713 | .4774924 | .0669027 |
| #2 | .3106406 | 2.758135 | .1838925 | 1.836188 | .4764802 | .0674380 |
| #3 | .3072846 | 2.780240 | .1880142 | 1.729456 | .4817016 | .0679818 |

|        |            |          |          |          |            |          |
|--------|------------|----------|----------|----------|------------|----------|
| Elem   | Na8183     | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | F 2.315604 | .2763492 | .1968295 | 9.667864 | F 6.221362 | .2577992 |
| Stddev | .105500    | .0044734 | .0020083 | .045189  | .056735    | .0009130 |
| %RSD   | 4.556058   | 1.618751 | 1.020331 | .4674167 | .9119365   | .3541695 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.319698 | .2770283 | .1948757 | 9.687598 | 6.188063 | .2569327 |
| #2 | 2.418998 | .2804442 | .1967246 | 9.616164 | 6.189152 | .2587526 |
| #3 | 2.208116 | .2715751 | .1988882 | 9.699830 | 6.286871 | .2577122 |

Sample Name: PB118059BS      Acquired: 03/19/2019 17:23:23      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                 |                 |                 |                 |
|--------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3577044</b> | <b>F -.015246</b> | <b>.8886973</b> | <b>.6515110</b> | <b>.1845504</b> | <b>.1747566</b> |
| Stddev | .0034301        | .002834           | .0047068        | .0075260        | .0043119        | .0016742        |
| %RSD   | .9589303        | 18.58672          | .5296260        | 1.155159        | 2.336414        | .9579964        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3562652 | -.018460 | .8838433 | .6497544 | .1844490 | .1729201 |
| #2 | .3552283 | -.014171 | .8932416 | .6450186 | .1889120 | .1751520 |
| #3 | .3616197 | -.013107 | .8890070 | .6597599 | .1802901 | .1761977 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.1740806</b> |
| Stddev | .0003342        |
| %RSD   | .1919553        |

|    |          |
|----|----------|
| #1 | .1743104 |
| #2 | .1736973 |
| #3 | .1742341 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2564.300</b> | <b>2827.619</b> | <b>57367.56</b> | <b>5316.177</b> | <b>4162.952</b> |
| Stddev    | 10.259          | 19.958          | 76.74           | 4.691           | 32.794          |
| %RSD      | .4000725        | .7058394        | .1337703        | .0882342        | .7877552        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2570.036 | 2837.906 | 57381.07 | 5319.690 | 4172.075 |
| #2 | 2570.408 | 2840.334 | 57284.95 | 5310.850 | 4190.219 |
| #3 | 2552.456 | 2804.615 | 57436.64 | 5317.990 | 4126.563 |

Sample Name: CCV07      Acquired: 03/19/2019 17:30:50      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.108528 | 5.153985 | 4.961813 | 4.877599 | 5.201243 | 9.754207 |
| Stddev | .066809  | .054038  | .050381  | .067316  | .056407  | .063037  |
| %RSD   | 1.307792 | 1.048469 | 1.015379 | 1.380097 | 1.084485 | .6462547 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.080770 | 5.124980 | 4.947280 | 4.847138 | 5.175582 | 9.819881 |
| #2 | 5.060074 | 5.120643 | 4.920295 | 4.830899 | 5.162230 | 9.694188 |
| #3 | 5.184742 | 5.216333 | 5.017863 | 4.954761 | 5.265918 | 9.748551 |

|        |          |            |            |          |          |          |
|--------|----------|------------|------------|----------|----------|----------|
| Elem   | Ba4934   | Be2348     | Cd2144     | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm        | ppm        | ppm      | ppm      | ppm      |
| Avg    | 10.38206 | F .2262089 | F 2.296070 | 24.15852 | .9533343 | 2.501780 |
| Stddev | .02467   | .0017984   | .028498    | .18134   | .0081222 | .029610  |
| %RSD   | .2376458 | .7950134   | 1.241180   | .7506081 | .8519831 | 1.183555 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.41051 | .2282722 | 2.286732 | 24.36575 | .9626449 | 2.492008 |
| #2 | 10.36665 | .2253806 | 2.273412 | 24.02892 | .9477011 | 2.478292 |
| #3 | 10.36901 | .2249740 | 2.328066 | 24.08091 | .9496571 | 2.535041 |

|        |          |            |          |            |          |          |
|--------|----------|------------|----------|------------|----------|----------|
| Elem   | Cu3247   | Fe2598     | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm        | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.306549 | F 4.621233 | 2.424114 | F 22.77368 | 2.500151 | 1.201810 |
| Stddev | .002130  | .031086    | .025054  | .15125     | .032168  | .008245  |
| %RSD   | .1629926 | .6726865   | 1.033544 | .6641263   | 1.286625 | .6860766 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.308817 | 4.639468 | 2.451608 | 22.94573 | 2.490568 | 1.211322 |
| #2 | 1.306239 | 4.585339 | 2.402570 | 22.71361 | 2.473864 | 1.196703 |
| #3 | 1.304592 | 4.638893 | 2.418165 | 22.66169 | 2.536021 | 1.197404 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 23.97065 | 2.430667 | 2.530966 | 25.43895 | F 5.749205 | F 4.627561 |
| Stddev | .42085   | .020301  | .029438  | .03202   | .066402    | .037349    |
| %RSD   | 1.755708 | .8351869 | 1.163107 | .1258570 | 1.154981   | .8071037   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 24.39518 | 2.443017 | 2.563335 | 25.45848 | 5.740325 | 4.670007 |
| #2 | 23.55357 | 2.407237 | 2.523770 | 25.45636 | 5.687689 | 4.612952 |
| #3 | 23.96321 | 2.441745 | 2.505793 | 25.40200 | 5.819600 | 4.599725 |

Sample Name: CCV07      Acquired: 03/19/2019 17:30:50      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 4.796660 | 4.905876 | F 4.537143 | 4.885416 | 4.961671 | 4.929156 |
| Stddev | .064530  | .049469  | .029520    | .050071  | .026706  | .007490  |
| %RSD   | 1.345304 | 1.008362 | .6506347   | 1.024901 | .5382503 | .1519576 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.774247 | 4.888341 | 4.570921 | 4.869972 | 4.992226 | 4.936259 |
| #2 | 4.746325 | 4.867562 | 4.524217 | 4.844886 | 4.942786 | 4.929877 |
| #3 | 4.869407 | 4.961724 | 4.516290 | 4.941389 | 4.950002 | 4.921331 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F 4.724628 |
| Stddev | .011407    |
| %RSD   | .2414460   |

|    |          |
|----|----------|
| #1 | 4.737233 |
| #2 | 4.715013 |
| #3 | 4.721638 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2584.937 | 2816.500 | 58097.62 | 5394.136 | 4102.432 |
| Stddev    | 14.570   | 27.082   | 443.32   | 28.360   | 34.200   |
| %RSD      | .5636448 | .9615326 | .7630685 | .5257651 | .8336460 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2569.342 | 2827.624 | 57862.49 | 5373.773 | 4113.883 |
| #2 | 2598.200 | 2836.248 | 58608.97 | 5426.529 | 4129.437 |
| #3 | 2587.270 | 2785.628 | 57821.39 | 5382.106 | 4063.976 |



Sample Name: CCB07      Acquired: 03/19/2019 17:34:22      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000283</b> | <b>-.000274</b> | <b>-.001131</b> | <b>.0058959</b> | <b>-.000857</b> | <b>-.025001</b> | <b>-.006250</b> |
| Stddev | .001739         | .001024         | .000328         | .0012080        | .000603         | .010742         | .000563         |
| %RSD   | 613.8288        | 373.0885        | 28.99737        | 20.48822        | 70.32743        | 42.96766        | 9.004998        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001748</b> | <b>.000787</b>  | <b>-.001114</b> | <b>.0072667</b> | <b>-.001504</b> | <b>-.035061</b> | <b>-.006860</b> |
| #2 | <b>.001639</b>  | <b>-.000354</b> | <b>-.001468</b> | <b>.0054333</b> | <b>-.000310</b> | <b>-.013687</b> | <b>-.006138</b> |
| #3 | <b>-.000740</b> | <b>-.001256</b> | <b>-.000813</b> | <b>.0049876</b> | <b>-.000758</b> | <b>-.026255</b> | <b>-.005751</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000097</b> | <b>.0000173</b> | <b>.0180973</b> | <b>-.000210</b> | <b>-.000049</b> | <b>-.001823</b> | <b>-.025968</b> |
| Stddev | .0000188        | .0000363        | .0226475        | .000146         | .000119         | .003051         | .021703         |
| %RSD   | 193.1831        | 209.5211        | 125.1431        | 69.49848        | 243.8133        | 167.3516        | 83.57640        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000308</b> | <b>.0000264</b> | <b>.0386597</b> | <b>-.000106</b> | <b>.000033</b>  | <b>-.000563</b> | <b>-.016132</b> |
| #2 | <b>.0000036</b> | <b>-.000023</b> | <b>-.006177</b> | <b>-.000376</b> | <b>-.000186</b> | <b>-.005303</b> | <b>-.050848</b> |
| #3 | <b>-.000005</b> | <b>.000048</b>  | <b>.021809</b>  | <b>-.000147</b> | <b>.000006</b>  | <b>.000396</b>  | <b>-.010925</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000352</b> | <b>.0201870</b> | <b>-.000089</b> | <b>.0014699</b> | <b>-.041184</b> | <b>-.004113</b> | <b>-.001249</b> |
| Stddev | .001101         | .0336389        | .000392         | .0005246        | .192277         | .001019         | .000369         |
| %RSD   | 312.6134        | 166.6370        | 438.5357        | 35.69077        | 466.8694        | 24.76584        | 29.53737        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.000493</b>  | <b>-.015130</b> | <b>-.000453</b> | <b>.0017621</b> | <b>.172112</b>  | <b>-.003015</b> | <b>-.001430</b> |
| #2 | <b>.000048</b>  | <b>.051850</b>  | <b>.000326</b>  | <b>.0008642</b> | <b>-.201208</b> | <b>-.004297</b> | <b>-.001492</b> |
| #3 | <b>-.001598</b> | <b>.023841</b>  | <b>-.000142</b> | <b>.0017833</b> | <b>-.094458</b> | <b>-.005027</b> | <b>-.000824</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0849943</b> | <b>-.003739</b> | <b>.0051474</b> | <b>.0003480</b> | <b>-.004556</b> | <b>.0002418</b> | <b>-.000414</b> |
| Stddev | .0566255        | .000819         | .0014614        | .0000983        | .001631         | .0010957        | .001223         |
| %RSD   | 66.62268        | 21.89549        | 28.39083        | 28.23576        | 35.80185        | 453.1084        | 295.2088        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1385055</b> | <b>-.002801</b> | <b>.0066376</b> | <b>.0002464</b> | <b>-.003494</b> | <b>.0003167</b> | <b>.000534</b>  |
| #2 | <b>.0256987</b> | <b>-.004310</b> | <b>.0050878</b> | <b>.0004426</b> | <b>-.006435</b> | <b>-.000889</b> | <b>.000017</b>  |
| #3 | <b>.0907786</b> | <b>-.004105</b> | <b>.0037167</b> | <b>.0003551</b> | <b>-.003740</b> | <b>.001298</b>  | <b>-.001794</b> |

Sample Name: CCB07      Acquired: 03/19/2019 17:34:22      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.003412</b> | <b>-.003943</b> | <b>.0000192</b> |
| Stddev | .000631         | .000662         | .0000150        |
| %RSD   | 18.49977        | 16.79078        | 77.94593        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.003655</b> | <b>-.004708</b> | <b>.0000306</b> |
| #2 | <b>-.003885</b> | <b>-.003538</b> | <b>.0000249</b> |
| #3 | <b>-.002695</b> | <b>-.003584</b> | <b>.0000022</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2611.431</b> | <b>2853.406</b> | <b>58074.08</b> | <b>5372.803</b> | <b>4175.482</b> |
| Stddev    | 37.673          | 24.815          | 611.28          | 14.460          | 39.692          |
| %RSD      | 1.442636        | .8696667        | 1.052584        | .2691413        | .9506030        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2646.805</b> | <b>2859.617</b> | <b>58670.11</b> | <b>5379.330</b> | <b>4190.887</b> |
| #2 | <b>2571.817</b> | <b>2874.526</b> | <b>57448.61</b> | <b>5382.850</b> | <b>4205.162</b> |
| #3 | <b>2615.671</b> | <b>2826.075</b> | <b>58103.52</b> | <b>5356.230</b> | <b>4130.396</b> |

Sample Name: PB118059TB      Acquired: 03/19/2019 17:38:16      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003232</b> | <b>-.001151</b> | <b>-.001086</b> | <b>.0062076</b> | <b>-.002162</b> | <b>-.030975</b> |
| Stddev | .000892         | .001320         | .001937         | .0021922        | .000894         | .013020         |
| %RSD   | 27.60607        | 114.6887        | 178.3051        | 35.31420        | 41.36282        | 42.03499        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002918</b> | <b>-.000714</b> | <b>.000574</b>  | <b>.0046223</b> | <b>-.002230</b> | <b>-.022826</b> |
| #2 | <b>-.004238</b> | <b>-.002635</b> | <b>-.000619</b> | <b>.0052913</b> | <b>-.003020</b> | <b>-.024107</b> |
| #3 | <b>-.002538</b> | <b>-.000105</b> | <b>-.003214</b> | <b>.0087093</b> | <b>-.001235</b> | <b>-.045992</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.007302</b> | <b>-.000241</b> | <b>.0001836</b> | <b>.0204363</b> | <b>.0011033</b> | <b>-.000367</b> |
| Stddev | .000689         | .000105         | .0000660        | .0042160        | .0003809        | .000042         |
| %RSD   | 9.431887        | 43.65844        | 35.96345        | 20.62991        | 34.52645        | 11.33577        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.008081</b> | <b>-.000238</b> | <b>.0001113</b> | <b>.0251543</b> | <b>.0009902</b> | <b>-.000380</b> |
| #2 | <b>-.006775</b> | <b>-.000348</b> | <b>.0002408</b> | <b>.0170379</b> | <b>.0007918</b> | <b>-.000320</b> |
| #3 | <b>-.007051</b> | <b>-.000138</b> | <b>.0001986</b> | <b>.0191168</b> | <b>.0015281</b> | <b>-.000400</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000487</b> | <b>-.006904</b> | <b>.0007718</b> | <b>.0177549</b> | <b>.0025237</b> | <b>.0027666</b> |
| Stddev | .0006129        | .031751         | .0007239        | .0459117        | .0003361        | .0002615        |
| %RSD   | 1258.951        | 459.8999        | 93.79868        | 258.5865        | 13.31638        | 9.452798        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000295</b> | <b>.025806</b>  | <b>-.000009</b> | <b>-.023325</b> | <b>.0024542</b> | <b>.0025119</b> |
| #2 | <b>-.000316</b> | <b>-.008918</b> | <b>.000905</b>  | <b>.009275</b>  | <b>.0022278</b> | <b>.0027536</b> |
| #3 | <b>.000756</b>  | <b>-.037600</b> | <b>.001420</b>  | <b>.067316</b>  | <b>.0028890</b> | <b>.0030344</b> |

|        |                   |                 |                 |                 |                 |                 |
|--------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183            | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm               | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>F 282.7040</b> | <b>-.002739</b> | <b>.0002794</b> | <b>-.179723</b> | <b>-.004127</b> | <b>.0014071</b> |
| Stddev | .8343             | .003609         | .0001859        | .021501         | .001273         | .0001704        |
| %RSD   | .2951060          | 131.7537        | 66.54476        | 11.96334        | 30.83208        | 12.10912        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>282.6446</b> | <b>.000405</b>  | <b>.0002407</b> | <b>-.178363</b> | <b>-.004008</b> | <b>.0012825</b> |
| #2 | <b>281.9011</b> | <b>-.001943</b> | <b>.0004816</b> | <b>-.201871</b> | <b>-.005455</b> | <b>.0013375</b> |
| #3 | <b>283.5664</b> | <b>-.006679</b> | <b>.0001159</b> | <b>-.158934</b> | <b>-.002918</b> | <b>.0016013</b> |

Sample Name: PB118059TB      Acquired: 03/19/2019 17:38:16      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0002303</b> | <b>-.001610</b> | <b>-.002216</b> | <b>-.001472</b> | <b>-.001803</b> | <b>-.005060</b> |
| Stddev | .0001700        | .007039         | .001313         | .001878         | .001255         | .002157         |
| %RSD   | 73.80965        | 437.1271        | 59.25773        | 127.6144        | 69.57665        | 42.62242        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0000549 | .002725  | -.001337 | .000661  | -.003187 | -.007344 |
| #2 | .0002416 | -.009731 | -.001586 | -.002877 | -.000740 | -.004776 |
| #3 | .0003943 | .002176  | -.003726 | -.002198 | -.001483 | -.003059 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0001543</b> |
| Stddev | .0000589        |
| %RSD   | 38.16251        |

|    |          |
|----|----------|
| #1 | .0002178 |
| #2 | .0001438 |
| #3 | .0001014 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2549.725</b> | <b>2751.588</b> | <b>57848.65</b> | <b>5434.858</b> | <b>4011.012</b> |
| Stddev    | 3.547           | 17.003          | 186.52          | 18.975          | 27.777          |
| %RSD      | .1391225        | .6179371        | .3224268        | .3491409        | .6925083        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2552.487 | 2761.806 | 58064.00 | 5419.780 | 4029.162 |
| #2 | 2550.963 | 2760.997 | 57744.11 | 5428.630 | 4024.839 |
| #3 | 2545.724 | 2731.960 | 57737.85 | 5456.165 | 3979.036 |

Sample Name: K1932-01      Acquired: 03/19/2019 17:42:10      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0220500 | .0007000 | .0515799 | .0001240 | .0029341 | .8754537 | .2066135 |
| Stddev | .0065347 | .0039865 | .0026444 | .0019403 | .0009643 | .0120478 | .0028165 |
| %RSD   | 29.63601 | 569.4982 | 5.126851 | 1564.270 | 32.86482 | 1.376174 | 1.363187 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0293266 | .0035081 | .0516087 | -.001452 | .0029701 | .8664820 | .2035715 |
| #2 | .0166822 | -.003863 | .0489211 | .002291  | .0038799 | .8891472 | .2071383 |
| #3 | .0201411 | .002455  | .0542097 | -.000468 | .0019524 | .8707319 | .2091307 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001465 | .0001352 | 236.1718 | .0038828 | -.000252 | .0111070 | 4.489910 |
| Stddev | .0000406 | .0000548 | 1.6854   | .0002051 | .000095  | .0025227 | .051529  |
| %RSD   | 27.74240 | 40.54278 | .7136353 | 5.282888 | 37.45164 | 22.71230 | 1.147660 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001487 | .0001743 | 234.3068 | .0036464 | -.000316 | .0091456 | 4.434511 |
| #2 | .0001048 | .0001587 | 236.6228 | .0039879 | -.000144 | .0139528 | 4.498809 |
| #3 | .0001859 | .0000726 | 237.5859 | .0040141 | -.000298 | .0102227 | 4.536409 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7822860 | 55.46240 | .0039044 | .0013362 | 402.9592 | .0117420 | .0525943 |
| Stddev | .0033954 | .34285   | .0002308 | .0002209 | 4.6675   | .0054224 | .0007865 |
| %RSD   | .4340345 | .6181617 | 5.910776 | 16.53521 | 1.158315 | 46.17960 | 1.495446 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7784140 | 55.17555 | .0040028 | .0012375 | 398.0822 | .0054934 | .0519474 |
| #2 | .7847553 | 55.36954 | .0040697 | .0011817 | 403.4111 | .0145223 | .0534698 |
| #3 | .7836887 | 55.84211 | .0036408 | .0015892 | 407.3844 | .0152105 | .0523656 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 43.96864 | 1.943498 | .3593962 | .0044024 | 26.06249 | 32.52120 | -.000488 |
| Stddev | .27696   | .020207  | .0027439 | .0001937 | .29491   | .25909   | .000930  |
| %RSD   | .6299133 | 1.039714 | .7634775 | 4.399038 | 1.131548 | .7966759 | 190.6000 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 43.68236 | 1.937293 | .3564877 | .0045926 | 25.87568 | 32.22525 | -.000076 |
| #2 | 43.98832 | 1.927121 | .3597621 | .0042054 | 25.90931 | 32.70706 | -.001552 |
| #3 | 44.23524 | 1.966080 | .3619388 | .0044091 | 26.40247 | 32.63130 | .000165  |

Sample Name: K1932-01      Acquired: 03/19/2019 17:42:10      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-2      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0180823</b> | <b>.1221637</b> | <b>1.197390</b> |
| Stddev | .0028090        | .0034048        | .010586         |
| %RSD   | 15.53435        | 2.787109        | .8840692        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0193908</b> | <b>.1190102</b> | <b>1.185261</b> |
| #2 | <b>.0148577</b> | <b>.1217071</b> | <b>1.202143</b> |
| #3 | <b>.0199982</b> | <b>.1257738</b> | <b>1.204767</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2594.053</b> | <b>2757.348</b> | <b>58433.91</b> | <b>5400.784</b> | <b>3867.370</b> |
| Stddev    | 6.789           | 28.537          | 169.12          | 46.314          | 41.943          |
| %RSD      | .2617243        | 1.034958        | .2894235        | .8575475        | 1.084527        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2590.891</b> | <b>2778.230</b> | <b>58463.24</b> | <b>5446.386</b> | <b>3891.246</b> |
| #2 | <b>2589.421</b> | <b>2768.983</b> | <b>58252.05</b> | <b>5402.176</b> | <b>3891.923</b> |
| #3 | <b>2601.846</b> | <b>2724.831</b> | <b>58586.45</b> | <b>5353.789</b> | <b>3818.940</b> |

Sample Name: K1932-02      Acquired: 03/19/2019 17:46:00      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0087076 | .0002213 | .1304534 | .0030638 | .0064823 | 1.334679 | .3074120 |
| Stddev | .0054763 | .0014758 | .0015815 | .0012749 | .0007508 | .014610  | .0020585 |
| %RSD   | 62.89130 | 666.9094 | 1.212282 | 41.61037 | 11.58173 | 1.094611 | .6696120 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0100243 | .0004799 | .1287864 | .0032008 | .0073376 | 1.332996 | .3063448 |
| #2 | .0134055 | .0015507 | .1306413 | .0017260 | .0061772 | 1.350057 | .3097850 |
| #3 | .0026929 | -.001367 | .1319326 | .0042648 | .0059321 | 1.320983 | .3061064 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002086 | .0001339 | 180.5241 | .0051531 | .0002062 | .0206363 | 6.183550 |
| Stddev | .0000213 | .0000543 | .8971    | .0006210 | .0001934 | .0029827 | .052747  |
| %RSD   | 10.20446 | 40.57612 | .4969360 | 12.05047 | 93.78833 | 14.45367 | .8530263 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002304 | .0001787 | 181.3264 | .0058352 | .0000260 | .0175784 | 6.244424 |
| #2 | .0002077 | .0001495 | 180.6905 | .0050033 | .0001822 | .0235376 | 6.154861 |
| #3 | .0001879 | .0000735 | 179.5555 | .0046207 | .0004105 | .0207930 | 6.151365 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7546612 | 24.01217 | .0064198 | .0010658 | 60.47538 | .0009838 | .0670045 |
| Stddev | .0073982 | .13986   | .0005207 | .0003134 | .15462   | .0078797 | .0013372 |
| %RSD   | .9803324 | .5824375 | 8.110412 | 29.40664 | .2556792 | 800.9505 | 1.995608 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7631469 | 24.17364 | .0069810 | .0011631 | 60.30245 | .0006637 | .0669302 |
| #2 | .7512716 | 23.92939 | .0059524 | .0007152 | 60.52335 | -.006731 | .0683773 |
| #3 | .7495651 | 23.93347 | .0063262 | .0013189 | 60.60032 | .009019  | .0657061 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.92511 | .8149316 | .1219723 | .0052914 | 9.889298 | 19.47166 | -.002299 |
| Stddev | .05441   | .0069405 | .0003658 | .0002089 | .094716  | .25183   | .001394  |
| %RSD   | .3906991 | .8516694 | .2999428 | 3.946938 | .9577597 | 1.293335 | 60.62624 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.96928 | .8140598 | .1216375 | .0054990 | 9.877571 | 19.25819 | -.000750 |
| #2 | 13.86434 | .8084683 | .1223628 | .0050814 | 9.800992 | 19.74940 | -.003453 |
| #3 | 13.94170 | .8222669 | .1219166 | .0052937 | 9.989331 | 19.40740 | -.002696 |

Sample Name: K1932-02      Acquired: 03/19/2019 17:46:00      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-7      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0315991</b> | <b>.0222099</b> | <b>.7773960</b> |
| Stddev | .0022045        | .0002363        | .0034692        |
| %RSD   | 6.976600        | 1.063704        | .4462648        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0339474</b> | <b>.0221894</b> | <b>.7810413</b> |
| #2 | <b>.0312760</b> | <b>.0224557</b> | <b>.7770120</b> |
| #3 | <b>.0295740</b> | <b>.0219845</b> | <b>.7741347</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2608.654</b> | <b>2837.702</b> | <b>58490.07</b> | <b>5471.090</b> | <b>4132.707</b> |
| Stddev    | 15.457          | 21.011          | 434.04          | 33.249          | 34.496          |
| %RSD      | .5925283        | .7404118        | .7420705        | .6077188        | .8347111        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2611.516</b> | <b>2851.168</b> | <b>58432.23</b> | <b>5503.393</b> | <b>4142.202</b> |
| #2 | <b>2591.966</b> | <b>2848.447</b> | <b>58087.85</b> | <b>5436.970</b> | <b>4161.461</b> |
| #3 | <b>2622.480</b> | <b>2813.492</b> | <b>58950.13</b> | <b>5472.906</b> | <b>4094.457</b> |



Sample Name: K1932-02DUP      Acquired: 03/19/2019 17:49:50      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0119630 | -.001293 | .1304269 | .0019555 | .0071321 | 1.341438 | .3041145 |
| Stddev | .0010470 | .001115  | .0034922 | .0010333 | .0009253 | .021182  | .0011614 |
| %RSD   | 8.752109 | 86.18632 | 2.677544 | 52.83885 | 12.97406 | 1.579083 | .3818917 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0131715 | -.002353 | .1270163 | .0028375 | .0065991 | 1.361522 | .3050617 |
| #2 | .0113301 | -.000131 | .1302691 | .0022102 | .0065966 | 1.319306 | .3028187 |
| #3 | .0113872 | -.001395 | .1339954 | .0008187 | .0082006 | 1.343485 | .3044630 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001979 | .0000403 | 178.4244 | .0051734 | -.000019 | .0259681 | 6.136249 |
| Stddev | .0000148 | .0000381 | 1.2048   | .0004206 | .000287  | .0033413 | .088390  |
| %RSD   | 7.488585 | 94.55923 | .6752407 | 8.129850 | 1539.681 | 12.86697 | 1.440459 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002048 | .0000593 | 177.2153 | .0051643 | -.000266 | .0298185 | 6.034270 |
| #2 | .0002081 | -.000004 | 178.4332 | .0055984 | -.000086 | .0242560 | 6.183641 |
| #3 | .0001809 | .000065  | 179.6248 | .0047574 | .000296  | .0238299 | 6.190837 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7451979 | 23.70890 | .0065302 | .0016403 | 59.89347 | .0014622 | .0668922 |
| Stddev | .0100418 | .33298   | .0002269 | .0005134 | .13678   | .0042598 | .0006343 |
| %RSD   | 1.347533 | 1.404458 | 3.474051 | 31.29792 | .2283800 | 291.3384 | .9481962 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7349619 | 23.39436 | .0063506 | .0021939 | 59.97879 | .0020088 | .0664340 |
| #2 | .7455981 | 23.67466 | .0064548 | .0011798 | 59.73570 | -.003045 | .0676161 |
| #3 | .7550335 | 24.05768 | .0067852 | .0015474 | 59.96593 | .005422  | .0666264 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.79445 | .8104468 | .1186324 | .0049693 | 9.807538 | 19.21858 | -.001952 |
| Stddev | .14159   | .0011456 | .0018765 | .0002423 | .054645  | .23415   | .000427  |
| %RSD   | 1.026445 | .1413537 | 1.581749 | 4.876862 | .5571699 | 1.218331 | 21.89478 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.65364 | .8112501 | .1187399 | .0050360 | 9.813921 | 19.09471 | -.002399 |
| #2 | 13.79289 | .8091350 | .1167045 | .0051713 | 9.749982 | 19.07239 | -.001910 |
| #3 | 13.93681 | .8109554 | .1204529 | .0047006 | 9.858711 | 19.48864 | -.001547 |

Sample Name: K1932-02DUP      Acquired: 03/19/2019 17:49:50      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0320204</b> | <b>.0209688</b> | <b>.7715948</b> |
| Stddev | .0008835        | .0019120        | .0006914        |
| %RSD   | 2.759227        | 9.118481        | .0896065        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0314051</b> | <b>.0202560</b> | <b>.7716665</b> |
| #2 | <b>.0330328</b> | <b>.0231348</b> | <b>.7708703</b> |
| #3 | <b>.0316233</b> | <b>.0195156</b> | <b>.7722475</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2609.093</b> | <b>2847.565</b> | <b>58820.70</b> | <b>5524.642</b> | <b>4137.035</b> |
| Stddev    | 40.447          | 19.333          | 953.18          | 66.032          | 18.362          |
| %RSD      | 1.550229        | .6789442        | 1.620481        | 1.195235        | .4438438        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2638.282</b> | <b>2861.753</b> | <b>59322.92</b> | <b>5555.050</b> | <b>4147.316</b> |
| #2 | <b>2562.924</b> | <b>2855.398</b> | <b>57721.43</b> | <b>5569.992</b> | <b>4147.952</b> |
| #3 | <b>2626.073</b> | <b>2825.545</b> | <b>59417.76</b> | <b>5448.884</b> | <b>4115.835</b> |

Sample Name: K1932-02LX5      Acquired: 03/19/2019 17:53:39      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0045980 | -.000845 | .0256187 | .0018135 | -.000061 | .2356929 | .0546916 |
| Stddev | .0038672 | .000496  | .0011991 | .0021712 | .001383  | .0132698 | .0006291 |
| %RSD   | 84.10645 | 58.76306 | 4.680738 | 119.7233 | 2251.198 | 5.630124 | 1.150195 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0031199 | -.000655 | .0243515 | -.000668 | .001379  | .2493220 | .0553108 |
| #2 | .0016878 | -.000471 | .0257687 | .003364  | -.000183 | .2349425 | .0540531 |
| #3 | .0089862 | -.001408 | .0267357 | .002745  | -.001380 | .2228143 | .0547109 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000708 | .0000003 | 34.71664 | .0008439 | -.000586 | .0041749 | 1.196445 |
| Stddev | .0000432 | .0000916 | .14312   | .0004035 | .000179  | .0036995 | .024715  |
| %RSD   | 61.09032 | 34959.37 | .4122625 | 47.80865 | 30.54746 | 88.61155 | 2.065698 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000319 | -.000057 | 34.62934 | .0004425 | -.000604 | .0003829 | 1.189977 |
| #2 | .0000631 | .000106  | 34.63875 | .0008399 | -.000755 | .0077743 | 1.175607 |
| #3 | .0001173 | -.000048 | 34.88181 | .0012494 | -.000399 | .0043675 | 1.223751 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1479992 | 4.686320 | .0008316 | .0014881 | 11.54970 | .0005657 | .0126487 |
| Stddev | .0024804 | .096516  | .0002362 | .0004520 | .11156   | .0042358 | .0004141 |
| %RSD   | 1.675958 | 2.059523 | 28.40806 | 30.37584 | .9658718 | 748.8163 | 3.274208 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1457386 | 4.728385 | .0009487 | .0010024 | 11.67015 | .0004315 | .0122405 |
| #2 | .1476065 | 4.575911 | .0005597 | .0018964 | 11.52899 | .0048670 | .0126370 |
| #3 | .1506525 | 4.754665 | .0009864 | .0015656 | 11.44995 | -.003601 | .0130686 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.608936 | .1492816 | .0187230 | .0010229 | 1.841748 | 3.694654 | -.002938 |
| Stddev | .053085  | .0033672 | .0004099 | .0001129 | .017926  | .028921  | .000921  |
| %RSD   | 2.034721 | 2.255571 | 2.189406 | 11.03617 | .9733045 | .7827680 | 31.34682 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.556517 | .1497905 | .0191921 | .0011368 | 1.843885 | 3.714164 | -.003647 |
| #2 | 2.607629 | .1456890 | .0184337 | .0010207 | 1.822849 | 3.661427 | -.001897 |
| #3 | 2.662662 | .1523653 | .0185432 | .0009110 | 1.858509 | 3.708370 | -.003271 |

Sample Name: K1932-02LX5      Acquired: 03/19/2019 17:53:39      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0046155 | -.001673 | .1512847 |
| Stddev | .0038622 | .001593  | .0004516 |
| %RSD   | 83.67963 | 95.21067 | .2984904 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0003843 | -.002219 | .1513047 |
| #2 | .0079517 | -.002921 | .1508235 |
| #3 | .0055105 | .000121  | .1517259 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2588.469 | 2856.775 | 58019.11 | 5472.767 | 4225.254 |
| Stddev    | 12.107   | 22.611   | 46.98    | 41.260   | 34.684   |
| %RSD      | .4677326 | .7914771 | .0809650 | .7539163 | .8208672 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2593.700 | 2851.386 | 57976.80 | 5435.610 | 4219.912 |
| #2 | 2597.081 | 2881.593 | 58010.88 | 5517.170 | 4262.299 |
| #3 | 2574.626 | 2837.345 | 58069.66 | 5465.520 | 4193.551 |

Sample Name: K1932-02MS      Acquired: 03/19/2019 17:57:29      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8146497</b> | <b>2.004515</b> | <b>1.103840</b> | <b>1.982643</b> | <b>.7741123</b> | <b>3.815191</b> | <b>.4770497</b> |
| Stddev | .0107060        | .025246         | .014481         | .028564         | .0120134        | .016593         | .0030456        |
| %RSD   | 1.314188        | 1.259453        | 1.311887        | 1.440696        | 1.551896        | .4349115        | .6384195        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.8140324</b> | <b>1.989803</b> | <b>1.100316</b> | <b>1.970682</b> | <b>.7695506</b> | <b>3.817184</b> | <b>.4805010</b> |
| #2 | <b>.8042657</b> | <b>1.990075</b> | <b>1.091446</b> | <b>1.962005</b> | <b>.7650479</b> | <b>3.830697</b> | <b>.4747394</b> |
| #3 | <b>.8256510</b> | <b>2.033666</b> | <b>1.119758</b> | <b>2.015243</b> | <b>.7877385</b> | <b>3.797691</b> | <b>.4759086</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1867730</b> | <b>.1796958</b> | <b>165.4618</b> | <b>.3862678</b> | <b>.1984480</b> | <b>.3427327</b> | <b>9.192206</b> |
| Stddev | .0011686        | .0020285        | 1.7018          | .0011686        | .0022343        | .0050730        | .067989         |
| %RSD   | .6256645        | 1.128873        | 1.028518        | .3025467        | 1.125876        | 1.480155        | .7396369        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1879442</b> | <b>.1793442</b> | <b>166.8101</b> | <b>.3872891</b> | <b>.1979560</b> | <b>.3481276</b> | <b>9.269252</b> |
| #2 | <b>.1867677</b> | <b>.1778661</b> | <b>166.0257</b> | <b>.3849933</b> | <b>.1965007</b> | <b>.3380587</b> | <b>9.166738</b> |
| #3 | <b>.1856071</b> | <b>.1818772</b> | <b>163.5496</b> | <b>.3865211</b> | <b>.2008872</b> | <b>.3420118</b> | <b>9.140627</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8868828</b> | <b>23.83910</b> | <b>.4981117</b> | <b>.0724110</b> | <b>57.40857</b> | <b>.2968519</b> | <b>.2740752</b> |
| Stddev | .0103568        | .17242          | .0059267        | .0003397        | .62412          | .0053088        | .0008731        |
| %RSD   | 1.167780        | .7232781        | 1.189832        | .4690823        | 1.087153        | 1.788372        | .3185713        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.8967434</b> | <b>24.01283</b> | <b>.4956494</b> | <b>.0726037</b> | <b>57.80369</b> | <b>.2917242</b> | <b>.2730694</b> |
| #2 | <b>.8878126</b> | <b>23.83644</b> | <b>.4938130</b> | <b>.0726106</b> | <b>57.73298</b> | <b>.2965067</b> | <b>.2746384</b> |
| #3 | <b>.8760925</b> | <b>23.66802</b> | <b>.5048726</b> | <b>.0720188</b> | <b>56.68906</b> | <b>.3023249</b> | <b>.2745177</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>22.87383</b> | <b>7.614270</b> | <b>.3895677</b> | <b>.3854576</b> | <b>9.182344</b> | <b>19.74011</b> | <b>.6722704</b> |
| Stddev | .13435          | .104463         | .0007660        | .0042534        | .124769         | .10600          | .0076104        |
| %RSD   | .5873395        | 1.371938        | .1966339        | 1.103469        | 1.358794        | .5369900        | 1.132038        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>22.96293</b> | <b>7.587980</b> | <b>.3895751</b> | <b>.3848237</b> | <b>9.128816</b> | <b>19.83243</b> | <b>.6708237</b> |
| #2 | <b>22.93925</b> | <b>7.525463</b> | <b>.3903299</b> | <b>.3815567</b> | <b>9.093269</b> | <b>19.76355</b> | <b>.6654872</b> |
| #3 | <b>22.71930</b> | <b>7.729366</b> | <b>.3887979</b> | <b>.3899923</b> | <b>9.324946</b> | <b>19.62435</b> | <b>.6805002</b> |

Sample Name: K1932-02MS      Acquired: 03/19/2019 17:57:29      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2379850</b> | <b>.2106561</b> | <b>.8843834</b> |
| Stddev | .0030654        | .0011627        | .0051760        |
| %RSD   | 1.288056        | .5519609        | .5852668        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2388701</b> | <b>.2118779</b> | <b>.8898965</b> |
| #2 | <b>.2345744</b> | <b>.2105273</b> | <b>.8836255</b> |
| #3 | <b>.2405104</b> | <b>.2095631</b> | <b>.8796281</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2646.191</b> | <b>2852.395</b> | <b>59426.31</b> | <b>5491.338</b> | <b>4153.114</b> |
| Stddev    | 16.192          | 23.778          | 149.06          | 29.955          | 32.591          |
| %RSD      | .6119163        | .8336187        | .2508354        | .5454994        | .7847468        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2663.611 | 2859.666 | 59302.68 | 5480.588 | 4163.162 |
| #2 | 2631.599 | 2871.690 | 59384.40 | 5468.241 | 4179.498 |
| #3 | 2643.363 | 2825.831 | 59591.84 | 5525.184 | 4116.681 |

Sample Name: K1932-02MSD      Acquired: 03/19/2019 18:01:10      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8164860</b> | <b>2.003833</b> | <b>1.108650</b> | <b>1.993595</b> | <b>.7761772</b> | <b>3.799789</b> | <b>.4801009</b> |
| Stddev | .0087222        | .028335         | .011463         | .028669         | .0097083        | .010289         | .0019818        |
| %RSD   | 1.068259        | 1.414030        | 1.033964        | 1.438055        | 1.250780        | .2707774        | .4127856        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8070864 | 1.982794 | 1.101786 | 1.964250 | .7668127 | 3.790253 | .4811619 |
| #2 | .8180533 | 1.992652 | 1.102281 | 1.994997 | .7755227 | 3.810694 | .4813264 |
| #3 | .8243183 | 2.036052 | 1.121883 | 2.021537 | .7861961 | 3.798420 | .4778145 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1828668</b> | <b>.1799326</b> | <b>165.4241</b> | <b>.3852369</b> | <b>.1983177</b> | <b>.3428231</b> | <b>9.221445</b> |
| Stddev | .0008339        | .0027605        | .9436           | .0016462        | .0031800        | .0026992        | .016666         |
| %RSD   | .4560293        | 1.534210        | .5703982        | .4273211        | 1.603473        | .7873591        | .1807282        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1820977 | .1775179 | 166.3453 | .3842886 | .1957513 | .3415164 | 9.234173 |
| #2 | .1827495 | .1793378 | 164.4596 | .3842843 | .1973266 | .3410260 | 9.227582 |
| #3 | .1837532 | .1829420 | 165.4673 | .3871377 | .2018752 | .3459271 | 9.202581 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8868426</b> | <b>23.87380</b> | <b>.4990599</b> | <b>.0723850</b> | <b>57.61915</b> | <b>.3070834</b> | <b>.2734402</b> |
| Stddev | .0025186        | .27177          | .0066262        | .0009750        | .50155          | .0150992        | .0006905        |
| %RSD   | .2839985        | 1.138379        | 1.327734        | 1.347025        | .8704611        | 4.916984        | .2525224        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8896904 | 23.86668 | .4942293 | .0730886 | 58.19716 | .3193205 | .2738833 |
| #2 | .8859294 | 24.14906 | .4963365 | .0727944 | 57.29887 | .2902095 | .2726446 |
| #3 | .8849080 | 23.60565 | .5066138 | .0712720 | 57.36142 | .3117201 | .2737926 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>22.92053</b> | <b>7.623446</b> | <b>.3844826</b> | <b>.3853427</b> | <b>9.237779</b> | <b>19.37410</b> | <b>.6733625</b> |
| Stddev | .12572          | .109001         | .0009209        | .0050319        | .141875         | .06591          | .0099626        |
| %RSD   | .5485008        | 1.429812        | .2395211        | 1.305814        | 1.535812        | .3401773        | 1.479529        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.06562 | 7.535650 | .3834388 | .3815083 | 9.098726 | 19.30523 | .6655002 |
| #2 | 22.85208 | 7.589240 | .3851805 | .3834794 | 9.232295 | 19.38049 | .6700210 |
| #3 | 22.84390 | 7.745447 | .3848285 | .3910404 | 9.382316 | 19.43658 | .6845663 |

Sample Name: K1932-02MSD      Acquired: 03/19/2019 18:01:10      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2405093</b> | <b>.2126126</b> | <b>.8892340</b> |
| Stddev | .0017459        | .0025602        | .0038160        |
| %RSD   | .7259125        | 1.204176        | .4291326        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2410056</b> | <b>.2147096</b> | <b>.8920277</b> |
| #2 | <b>.2385690</b> | <b>.2097594</b> | <b>.8907880</b> |
| #3 | <b>.2419533</b> | <b>.2133687</b> | <b>.8848862</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2622.212</b> | <b>2846.163</b> | <b>58915.95</b> | <b>5531.642</b> | <b>4137.637</b> |
| Stddev    | 28.831          | 27.244          | 452.15          | 14.293          | 44.777          |
| %RSD      | 1.099508        | .9572226        | .7674424        | .2583894        | 1.082192        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2593.600</b> | <b>2864.997</b> | <b>58605.35</b> | <b>5516.155</b> | <b>4171.675</b> |
| #2 | <b>2621.778</b> | <b>2858.568</b> | <b>58707.82</b> | <b>5534.446</b> | <b>4154.323</b> |
| #3 | <b>2651.258</b> | <b>2814.924</b> | <b>59434.68</b> | <b>5544.326</b> | <b>4086.913</b> |



Sample Name: K1932-02A      Acquired: 03/19/2019 18:04:50      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8102519</b> | <b>2.001212</b> | <b>1.100543</b> | <b>1.993614</b> | <b>.7780514</b> | <b>3.886174</b> | <b>.4804419</b> |
| Stddev | .0105597        | .016840         | .010727         | .018478         | .0086362        | .019681         | .0040285        |
| %RSD   | 1.303260        | .8414980        | .9746850        | .9268667        | 1.109979        | .5064419        | .8384982        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.8106206</b> | <b>1.998652</b> | <b>1.099154</b> | <b>1.991510</b> | <b>.7751885</b> | <b>3.895435</b> | <b>.4760580</b> |
| #2 | <b>.7995127</b> | <b>1.985798</b> | <b>1.090578</b> | <b>1.976277</b> | <b>.7712103</b> | <b>3.863571</b> | <b>.4812868</b> |
| #3 | <b>.8206224</b> | <b>2.019185</b> | <b>1.111897</b> | <b>2.013054</b> | <b>.7877556</b> | <b>3.899517</b> | <b>.4839810</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1858704</b> | <b>.1799561</b> | <b>165.7961</b> | <b>.3839706</b> | <b>.1983795</b> | <b>.3447431</b> | <b>9.278684</b> |
| Stddev | .0018469        | .0018861        | 1.8721          | .0019753        | .0019369        | .0012341        | .075614         |
| %RSD   | .9936429        | 1.048072        | 1.129132        | .5144462        | .9763534        | .3579670        | .8149239        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1838218</b> | <b>.1796540</b> | <b>164.7853</b> | <b>.3842647</b> | <b>.1982319</b> | <b>.3433715</b> | <b>9.200192</b> |
| #2 | <b>.1863819</b> | <b>.1782393</b> | <b>164.6466</b> | <b>.3857824</b> | <b>.1965207</b> | <b>.3457636</b> | <b>9.284813</b> |
| #3 | <b>.1874078</b> | <b>.1819750</b> | <b>167.9562</b> | <b>.3818647</b> | <b>.2003860</b> | <b>.3450940</b> | <b>9.351047</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8900464</b> | <b>24.16478</b> | <b>.4991333</b> | <b>.0716849</b> | <b>57.79962</b> | <b>.2963503</b> | <b>.2741820</b> |
| Stddev | .0128398        | .19423          | .0051061        | .0005713        | .51099          | .0065313        | .0009753        |
| %RSD   | 1.442598        | .8037663        | 1.022990        | .7970163        | .8840777        | 2.203919        | .3557179        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.8779640</b> | <b>24.16680</b> | <b>.4980895</b> | <b>.0715469</b> | <b>57.21397</b> | <b>.2888125</b> | <b>.2749912</b> |
| #2 | <b>.8886464</b> | <b>23.96955</b> | <b>.4946298</b> | <b>.0711952</b> | <b>58.03019</b> | <b>.2999081</b> | <b>.2744557</b> |
| #3 | <b>.9035289</b> | <b>24.35799</b> | <b>.5046807</b> | <b>.0723126</b> | <b>58.15470</b> | <b>.3003302</b> | <b>.2730991</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>23.07541</b> | <b>7.592020</b> | <b>.3904705</b> | <b>.3862847</b> | <b>9.203207</b> | <b>19.76295</b> | <b>.6746517</b> |
| Stddev | .17712          | .085331         | .0050864        | .0038465        | .112864         | .19451          | .0066485        |
| %RSD   | .7675900        | 1.123954        | 1.302636        | .9957625        | 1.226358        | .9842317        | .9854789        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>22.94187</b> | <b>7.581216</b> | <b>.3866571</b> | <b>.3840521</b> | <b>9.179759</b> | <b>19.57839</b> | <b>.6713720</b> |
| #2 | <b>23.00801</b> | <b>7.512605</b> | <b>.3885087</b> | <b>.3840758</b> | <b>9.103908</b> | <b>19.74438</b> | <b>.6702802</b> |
| #3 | <b>23.27633</b> | <b>7.682237</b> | <b>.3962457</b> | <b>.3907262</b> | <b>9.325953</b> | <b>19.96608</b> | <b>.6823029</b> |

Sample Name: K1932-02A      Acquired: 03/19/2019 18:04:50      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2434053</b> | <b>.2135958</b> | <b>.8897374</b> |
| Stddev | .0018265        | .0049221        | .0070267        |
| %RSD   | .7503931        | 2.304386        | .7897454        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2450121</b> | <b>.2082516</b> | <b>.8826174</b> |
| #2 | <b>.2414188</b> | <b>.2145926</b> | <b>.8899279</b> |
| #3 | <b>.2437851</b> | <b>.2179432</b> | <b>.8966669</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2617.369</b> | <b>2845.329</b> | <b>59099.77</b> | <b>5462.359</b> | <b>4148.038</b> |
| Stddev    | 11.911          | 21.912          | 197.86          | 44.147          | 30.600          |
| %RSD      | .4550599        | .7701086        | .3347879        | .8082123        | .7377050        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2605.066 | 2853.650 | 58888.36 | 5476.157 | 4157.563 |
| #2 | 2628.844 | 2861.861 | 59280.50 | 5497.960 | 4172.743 |
| #3 | 2618.198 | 2820.475 | 59130.43 | 5412.961 | 4113.808 |

Sample Name: K1932-04      Acquired: 03/19/2019 18:08:30      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0127879 | .0021167 | .0112203 | .0053529 | .1072390 | .0946608 | .2332394 |
| Stddev | .0036035 | .0007629 | .0010053 | .0038929 | .0029692 | .0152738 | .0021811 |
| %RSD   | 28.17935 | 36.04291 | 8.959974 | 72.72470 | 2.768768 | 16.13526 | .9351283 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0163464 | .0019413 | .0100644 | .0070105 | .1050587 | .0838331 | .2338485 |
| #2 | .0091410 | .0029520 | .0117051 | .0009056 | .1060377 | .1121311 | .2308186 |
| #3 | .0128762 | .0014567 | .0118914 | .0081427 | .1106206 | .0880181 | .2350512 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000523 | .0003397 | 161.7021 | .0050561 | -.001608 | .0035820 | .3904789 |
| Stddev | .0000119 | .0000430 | 2.3975   | .0003350 | .000121  | .0005178 | .0058618 |
| %RSD   | 22.75497 | 12.65759 | 1.482640 | 6.626292 | 7.516660 | 14.45512 | 1.501192 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000386 | .0003183 | 160.7888 | .0046697 | -.001741 | .0041435 | .3969045 |
| #2 | .0000587 | .0003893 | 159.8955 | .0052659 | -.001506 | .0034791 | .3891089 |
| #3 | .0000596 | .0003117 | 164.4220 | .0052326 | -.001575 | .0031234 | .3854235 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1226134 | 42.73075 | .0046904 | .0016229 | 158.4353 | .0187506 | .1704700 |
| Stddev | .0026930 | .63749   | .0004101 | .0001712 | 1.9330   | .0060494 | .0018027 |
| %RSD   | 2.196313 | 1.491882 | 8.742222 | 10.54637 | 1.220079 | 32.26244 | 1.057486 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1231719 | 42.26545 | .0051636 | .0014274 | 158.1353 | .0218712 | .1712785 |
| #2 | .1196850 | 42.46941 | .0044683 | .0017454 | 156.6698 | .0226025 | .1684045 |
| #3 | .1249833 | 43.45738 | .0044395 | .0016960 | 160.5008 | .0117781 | .1717268 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.61959 | 1.059254 | .3934307 | .0091499 | 39.78568 | 26.42944 | -.005200 |
| Stddev | .29458   | .022211  | .0050483 | .0003059 | .70902   | .23979   | .000745  |
| %RSD   | 1.149827 | 2.096871 | 1.283151 | 3.343076 | 1.782090 | .9072916 | 14.32219 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.70023 | 1.044995 | .3889498 | .0092667 | 39.27843 | 26.27345 | -.005598 |
| #2 | 25.29309 | 1.047921 | .3924420 | .0088028 | 39.48277 | 26.30931 | -.005661 |
| #3 | 25.86545 | 1.084846 | .3989002 | .0093802 | 40.59584 | 26.70555 | -.004341 |

Sample Name: K1932-04      Acquired: 03/19/2019 18:08:30      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-5      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.003060</b> | <b>.0756089</b> | <b>.6336104</b> |
| Stddev | .001085         | .0021549        | .0049260        |
| %RSD   | 35.44870        | 2.850107        | .7774474        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002746</b> | <b>.0772065</b> | <b>.6367624</b> |
| #2 | <b>-.004268</b> | <b>.0731580</b> | <b>.6279339</b> |
| #3 | <b>-.002167</b> | <b>.0764623</b> | <b>.6361349</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2593.866</b> | <b>2809.469</b> | <b>58470.77</b> | <b>5519.615</b> | <b>4057.165</b> |
| Stddev    | 16.036          | 41.535          | 99.49           | 37.249          | 59.629          |
| %RSD      | .6182407        | 1.478386        | .1701594        | .6748545        | 1.469716        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2579.754</b> | <b>2830.899</b> | <b>58364.76</b> | <b>5525.690</b> | <b>4093.416</b> |
| #2 | <b>2611.305</b> | <b>2835.911</b> | <b>58562.13</b> | <b>5553.453</b> | <b>4089.736</b> |
| #3 | <b>2590.538</b> | <b>2761.596</b> | <b>58485.41</b> | <b>5479.701</b> | <b>3988.345</b> |

Sample Name: K1965-02      Acquired: 03/19/2019 18:12:20      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW31      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021715 | .0000430 | .0060637 | .0006830 | -.002237 | 1.147803 | .0444937 |
| Stddev | .0006524 | .0015118 | .0007514 | .0025944 | .000615  | .015594  | .0005757 |
| %RSD   | 30.04368 | 3513.082 | 12.39259 | 379.8438 | 27.50501 | 1.358590 | 1.293775 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0014299 | .0008398 | .0069170 | -.000917 | -.001906 | 1.156084 | .0445523 |
| #2 | .0026571 | .0009898 | .0055004 | .003676  | -.001858 | 1.157510 | .0450377 |
| #3 | .0024274 | -.001701 | .0057738 | -.000710 | -.002947 | 1.129816 | .0438909 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004061 | -.000007 | 17.98011 | .0567356 | -.000026 | .0083306 | .2576847 |
| Stddev | .0000910 | .000034  | .08125   | .0001950 | .000190  | .0006453 | .0109474 |
| %RSD   | 22.40946 | 458.7189 | .4518679 | .3437075 | 740.8338 | 7.745847 | 4.248355 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003013 | .000004  | 17.88909 | .0567577 | -.000183 | .0077009 | .2642625 |
| #2 | .0004656 | .000020  | 18.04531 | .0569186 | .000185  | .0083003 | .2637442 |
| #3 | .0004513 | -.000046 | 18.00593 | .0565305 | -.000079 | .0089904 | .2450473 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0113217 | 5.686172 | .0056813 | .0012906 | 113.7186 | .0048640 | .0654909 |
| Stddev | .0011808 | .107216  | .0002614 | .0002910 | .4871    | .0088393 | .0004479 |
| %RSD   | 10.42931 | 1.885565 | 4.600655 | 22.54720 | .4283700 | 181.7282 | .6838287 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0106328 | 5.564001 | .0058406 | .0015599 | 113.9713 | .0036605 | .0653583 |
| #2 | .0126851 | 5.729912 | .0058236 | .0013301 | 114.0274 | -.003312 | .0651244 |
| #3 | .0106472 | 5.764604 | .0053796 | .0009819 | 113.1570 | .014243  | .0659901 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.439849 | -.000590 | .0463754 | .0002036 | 10.07031 | 4.710284 | -.003755 |
| Stddev | .079625  | .001357  | .0003107 | .0001542 | .13526   | .050510  | .000367  |
| %RSD   | 3.263517 | 229.9189 | .6698983 | 75.72808 | 1.343181 | 1.072331 | 9.771154 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.408243 | -.001452 | .0462030 | .0003812 | 10.04529 | 4.654132 | -.003696 |
| #2 | 2.530424 | -.001293 | .0461892 | .0001041 | 9.94931  | 4.752016 | -.003421 |
| #3 | 2.380878 | .000974  | .0467340 | .0001255 | 10.21634 | 4.724702 | -.004147 |

Sample Name: K1965-02      Acquired: 03/19/2019 18:12:20      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: BPS1-TT-MW31      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0192423</b> | <b>-.009711</b> | <b>.1204483</b> |
| Stddev | .0024844        | .001568         | .0006718        |
| %RSD   | 12.91091        | 16.14853        | .5577338        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0198760</b> | <b>-.009115</b> | <b>.1212173</b> |
| #2 | <b>.0213485</b> | <b>-.011490</b> | <b>.1201523</b> |
| #3 | <b>.0165025</b> | <b>-.008528</b> | <b>.1199754</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2721.736</b> | <b>2929.224</b> | <b>60583.03</b> | <b>5556.530</b> | <b>4258.601</b> |
| Stddev    | 14.207          | 17.444          | 408.37          | 28.347          | 33.086          |
| %RSD      | .5219802        | .5955016        | .6740715        | .5101487        | .7769101        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2705.354</b> | <b>2936.057</b> | <b>60182.23</b> | <b>5589.100</b> | <b>4272.662</b> |
| #2 | <b>2730.664</b> | <b>2942.216</b> | <b>60568.29</b> | <b>5537.430</b> | <b>4282.334</b> |
| #3 | <b>2729.192</b> | <b>2909.398</b> | <b>60998.58</b> | <b>5543.060</b> | <b>4220.808</b> |

Sample Name: CCV08      Acquired: 03/19/2019 18:16:09      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.043612</b> | <b>5.042235</b> | <b>4.874259</b> | <b>4.863780</b> | <b>5.118520</b> | <b>9.691537</b> |
| Stddev | .057349         | .061389         | .056444         | .055909         | .060285         | .040022         |
| %RSD   | 1.137066        | 1.217488        | 1.158007        | 1.149504        | 1.177777        | .4129536        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.030820 | 5.006371 | 4.853473 | 4.832086 | 5.095692 | 9.724629 |
| #2 | 4.993738 | 5.007216 | 4.831155 | 4.830919 | 5.072984 | 9.702927 |
| #3 | 5.106276 | 5.113119 | 4.938149 | 4.928335 | 5.186886 | 9.647055 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.26378</b> | <b>.2576215</b> | <b>2.424452</b> | <b>24.01626</b> | <b>.9441279</b> | <b>2.456606</b> |
| Stddev | .00888          | .0008756        | .028501         | .19127          | .0021613        | .028148         |
| %RSD   | .0865203        | .3398825        | 1.175584        | .7964385        | .2289190        | 1.145825        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.26002 | .2584096 | 2.411992 | 24.23712 | .9419508 | 2.442881 |
| #2 | 10.27392 | .2577760 | 2.404302 | 23.90784 | .9441599 | 2.437953 |
| #3 | 10.25739 | .2566790 | 2.457062 | 23.90383 | .9462730 | 2.488984 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.291069</b> | <b>5.171631</b> | <b>2.421835</b> | <b>24.38783</b> | <b>2.459403</b> | <b>1.203096</b> |
| Stddev | .002660         | .051294         | .027771         | .13269          | .027414         | .004977         |
| %RSD   | .2060592        | .9918360        | 1.146688        | .5440881        | 1.114662        | .4137226        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.290614 | 5.144480 | 2.453413 | 24.52488 | 2.446638 | 1.208502 |
| #2 | 1.293928 | 5.139620 | 2.410878 | 24.37865 | 2.440699 | 1.202083 |
| #3 | 1.288666 | 5.230794 | 2.401214 | 24.25997 | 2.490872 | 1.198703 |

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774            | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>24.22929</b> | <b>2.429785</b> | <b>2.505054</b> | <b>25.04074</b> | <b>F 5.646800</b> | <b>4.595244</b> |
| Stddev | .12286          | .029615         | .018999         | .08715          | .071829           | .022898         |
| %RSD   | .5070636        | 1.218834        | .7584165        | .3480306        | 1.272027          | .4982920        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 24.14030 | 2.463948 | 2.526985 | 25.13819 | 5.608370 | 4.619783 |
| #2 | 24.17811 | 2.411396 | 2.494557 | 24.97027 | 5.602362 | 4.591499 |
| #3 | 24.36947 | 2.414011 | 2.493619 | 25.01377 | 5.729669 | 4.574449 |

Sample Name: CCV08      Acquired: 03/19/2019 18:16:09      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.767364</b> | <b>4.869964</b> | <b>4.517746</b> | <b>4.814808</b> | <b>4.923499</b> | <b>4.893705</b> |
| Stddev | .051657         | .071470         | .008217         | .063346         | .034550         | .010366         |
| %RSD   | 1.083558        | 1.467568        | .1818882        | 1.315643        | .7017324        | .2118154        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.752694 | 4.845498 | 4.527202 | 4.784252 | 4.957011 | 4.901008 |
| #2 | 4.724629 | 4.813939 | 4.512337 | 4.772532 | 4.925488 | 4.898266 |
| #3 | 4.824770 | 4.950454 | 4.513700 | 4.887639 | 4.887998 | 4.881841 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>4.723099</b> |
| Stddev | .003224         |
| %RSD   | .0682627        |

|    |          |
|----|----------|
| #1 | 4.725672 |
| #2 | 4.724143 |
| #3 | 4.719482 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2591.700</b> | <b>2828.595</b> | <b>58238.26</b> | <b>5427.469</b> | <b>4136.341</b> |
| Stddev    | 10.845          | 24.703          | 112.04          | 17.442          | 38.068          |
| %RSD      | .4184427        | .8733285        | .1923739        | .3213595        | .9203295        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2579.280 | 2825.139 | 58268.74 | 5408.230 | 4138.027 |
| #2 | 2599.297 | 2854.845 | 58331.90 | 5442.246 | 4173.539 |
| #3 | 2596.523 | 2805.803 | 58114.13 | 5431.932 | 4097.459 |



Sample Name: CCB08      Acquired: 03/19/2019 18:19:41      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0022176 | -.000338 | .0006525 | .0041280 | -.001086 | -.015376 | -.006057 |
| Stddev | .0035328 | .001142  | .0014987 | .0006708 | .001003  | .005359  | .001003  |
| %RSD   | 159.3065 | 337.7632 | 229.6787 | 16.24859 | 92.34782 | 34.85195 | 16.55779 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0042117 | .000808  | .0015813 | .0035242 | -.000217 | -.017010 | -.007124 |
| #2 | -.001861 | -.001477 | -.001076 | .0048500 | -.002184 | -.019727 | -.005914 |
| #3 | .004303  | -.000345 | .001453  | .0040100 | -.000858 | -.009390 | -.005134 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000607 | .0000442 | -.009410 | -.000428 | -.000267 | -.001037 | -.031468 |
| Stddev | .0000417 | .0000558 | .017571  | .000533  | .000144  | .000816  | .006338  |
| %RSD   | 68.66261 | 126.1502 | 186.7215 | 124.4442 | 53.84439 | 78.71496 | 20.13989 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000359 | .0001021 | -.005776 | -.000289 | -.000149 | -.001194 | -.025704 |
| #2 | .0000374 | .0000398 | -.028514 | -.001017 | -.000427 | -.000154 | -.038255 |
| #3 | .0001088 | -.000009 | .006060  | .000021  | -.000226 | -.001764 | -.030445 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000046 | .0104550 | -.000003 | .0010877 | -.405869 | -.002698 | -.001367 |
| Stddev | .000243  | .0459236 | .000283  | .0002495 | .348079  | .007202  | .000375  |
| %RSD   | 533.9762 | 439.2515 | 8426.220 | 22.93977 | 85.76133 | 266.9162 | 27.44644 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000127 | .0634828 | -.000330 | .0012506 | -.556260 | -.007873 | -.001602 |
| #2 | -.000237 | -.016173 | .000141  | .0008004 | -.007880 | -.005748 | -.001565 |
| #3 | .000228  | -.015944 | .000179  | .0012120 | -.653468 | .005527  | -.000934 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0649108 | -.006465 | .0064202 | .0001590 | -.003503 | .0009984 | .0003707 |
| Stddev | .0326736 | .000699  | .0009474 | .0003111 | .001625  | .0009036 | .0009152 |
| %RSD   | 50.33609 | 10.80960 | 14.75590 | 195.5990 | 46.38423 | 90.49770 | 246.8995 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0774603 | -.005706 | .0073561 | .0005146 | -.005334 | .0007454 | .0005326 |
| #2 | .0894491 | -.007082 | .0064427 | -.000063 | -.002235 | .0020016 | .0011942 |
| #3 | .0278230 | -.006607 | .0054618 | .000026  | -.002939 | .0002484 | -.000615 |

Sample Name: CCB08      Acquired: 03/19/2019 18:19:41      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001431</b> | <b>-.001372</b> | <b>-.000015</b> |
| Stddev | .000507         | .000926         | .000083         |
| %RSD   | 35.41491        | 67.45893        | 558.1212        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.001013</b> | <b>-.001746</b> | <b>.000063</b>  |
| #2 | <b>-.001995</b> | <b>-.002053</b> | <b>-.000005</b> |
| #3 | <b>-.001286</b> | <b>-.000318</b> | <b>-.000103</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2591.129</b> | <b>2873.104</b> | <b>57989.75</b> | <b>5451.520</b> | <b>4227.002</b> |
| Stddev    | 32.111          | 8.545           | 527.18          | 42.449          | 21.382          |
| %RSD      | 1.239262        | .2974027        | .9090878        | .7786704        | .5058384        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2554.052</b> | <b>2874.569</b> | <b>57382.33</b> | <b>5499.680</b> | <b>4236.668</b> |
| #2 | <b>2609.908</b> | <b>2880.822</b> | <b>58328.00</b> | <b>5435.340</b> | <b>4241.843</b> |
| #3 | <b>2609.428</b> | <b>2863.922</b> | <b>58258.92</b> | <b>5419.540</b> | <b>4202.494</b> |

Sample Name: K1965-07      Acquired: 03/19/2019 18:23:34      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-HN-MW24IR      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0046853 | .0001515 | .0029744 | .0039232 | -.002974 | .0082902 | .1127314 |
| Stddev | .0059279 | .0030403 | .0009118 | .0023407 | .001486  | .0162575 | .0013210 |
| %RSD   | 126.5226 | 2007.108 | 30.65463 | 59.66377 | 49.97229 | 196.1050 | 1.171797 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0115302 | .0017468 | .0039404 | .0012838 | -.001279 | -.004803 | .1123047 |
| #2 | .0012634 | .0020621 | .0021288 | .0047386 | -.003589 | .026487  | .1142131 |
| #3 | .0012621 | -.003354 | .0028538 | .0057470 | -.004053 | .003187  | .1116766 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001729 | .0001099 | 26.20013 | .0004646 | -.000118 | .0087750 | -.006146 |
| Stddev | .0000715 | .0000452 | .32469   | .0003559 | .000278  | .0039322 | .018010  |
| %RSD   | 41.33948 | 41.07689 | 1.239276 | 76.60567 | 235.8484 | 44.81138 | 293.0605 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001073 | .0001617 | 25.94983 | .0006936 | -.000251 | .0130612 | -.011869 |
| #2 | .0002491 | .0000786 | 26.56701 | .0006456 | .000202  | .0053345 | .014031  |
| #3 | .0001623 | .0000895 | 26.08353 | .0000546 | -.000305 | .0079292 | -.020599 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0124183 | 8.128445 | .0042866 | .0010981 | 49.56086 | .0006123 | .0604359 |
| Stddev | .0015297 | .058093  | .0003607 | .0000247 | .54394   | .0038267 | .0005148 |
| %RSD   | 12.31841 | .7146867 | 8.414734 | 2.246341 | 1.097510 | 624.9964 | .8517297 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0107352 | 8.075019 | .0043166 | .0011166 | 49.15721 | -.003314 | .0600727 |
| #2 | .0127957 | 8.190287 | .0046313 | .0010701 | 50.17941 | .004331  | .0602101 |
| #3 | .0137240 | 8.120030 | .0039118 | .0011075 | 49.34595 | .000819  | .0610250 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.062834 | -.005044 | .1088442 | -.000150 | 17.51679 | 7.449156 | -.004177 |
| Stddev | .105312  | .000362  | .0018534 | .000134  | .23288   | .075363  | .001167  |
| %RSD   | 2.080108 | 7.168188 | 1.702823 | 89.71567 | 1.329456 | 1.011700 | 27.92929 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.005699 | -.005367 | .1081541 | -.000232 | 17.38503 | 7.400599 | -.003029 |
| #2 | 5.184366 | -.004654 | .1109437 | -.000222 | 17.37967 | 7.535975 | -.005362 |
| #3 | 4.998437 | -.005113 | .1074348 | .000005  | 17.78568 | 7.410896 | -.004140 |

Sample Name: K1965-07      Acquired: 03/19/2019 18:23:34      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-HN-MW24IR      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.002260</b> | <b>-.007430</b> | <b>.4051741</b> |
| Stddev | .001928         | .000341         | .0062619        |
| %RSD   | 85.32351        | 4.587877        | 1.545494        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.004255</b> | <b>-.007043</b> | <b>.3987078</b> |
| #2 | <b>-.000406</b> | <b>-.007561</b> | <b>.4112094</b> |
| #3 | <b>-.002119</b> | <b>-.007685</b> | <b>.4056050</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2708.440</b> | <b>2935.080</b> | <b>60297.51</b> | <b>5490.175</b> | <b>4351.166</b> |
| Stddev    | 9.216           | 39.789          | 145.87          | 64.530          | 54.188          |
| %RSD      | .3402730        | 1.355643        | .2419213        | 1.175380        | 1.245367        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2713.444</b> | <b>2954.619</b> | <b>60360.92</b> | <b>5545.593</b> | <b>4385.998</b> |
| #2 | <b>2714.072</b> | <b>2961.322</b> | <b>60400.95</b> | <b>5419.329</b> | <b>4378.765</b> |
| #3 | <b>2697.804</b> | <b>2889.298</b> | <b>60130.66</b> | <b>5505.603</b> | <b>4288.735</b> |

Sample Name: K1965-09      Acquired: 03/19/2019 18:27:24      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-DUP05-201 Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0057460 | -.000361 | .0031331 | .0044826 | -.002653 | -.012479 | .1158947 |
| Stddev | .0028861 | .003475  | .0015131 | .0036195 | .000823  | .018380  | .0006184 |
| %RSD   | 50.22809 | 961.4423 | 48.29226 | 80.74559 | 31.01618 | 147.2846 | .5336013 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0053977 | .002060  | .0031808 | .0050578 | -.003602 | -.024569 | .1165290 |
| #2 | .0030498 | -.004344 | .0046218 | .0077802 | -.002150 | .008672  | .1152935 |
| #3 | .0087904 | .001199  | .0015968 | .0006100 | -.002206 | -.021540 | .1158617 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001751 | .0001200 | 26.46658 | .0002147 | .0000459 | .0106468 | .0043584 |
| Stddev | .0000962 | .0000219 | .22585   | .0003901 | .0000724 | .0059589 | .0168672 |
| %RSD   | 54.93332 | 18.21659 | .8533336 | 181.7308 | 157.9175 | 55.96845 | 387.0056 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002860 | .0000947 | 26.72302 | .0006650 | -.000036 | .0164200 | -.006837 |
| #2 | .0001228 | .0001324 | 26.37939 | -.000021 | .000071  | .0110023 | .023758  |
| #3 | .0001163 | .0001328 | 26.29731 | .000000  | .000102  | .0045182 | -.003846 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0140886 | 8.115140 | .0053606 | .0010239 | 50.35330 | -.001629 | .0584226 |
| Stddev | .0003507 | .074172  | .0002344 | .0003351 | .36334   | .005026  | .0001707 |
| %RSD   | 2.489010 | .9139979 | 4.372241 | 32.72444 | .7215800 | 308.5853 | .2922096 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0137896 | 8.149274 | .0055103 | .0006557 | 50.70137 | .004173  | .0584391 |
| #2 | .0140017 | 8.166099 | .0054809 | .0011052 | 49.97641 | -.004676 | .0585845 |
| #3 | .0144746 | 8.030045 | .0050905 | .0013108 | 50.38213 | -.004383 | .0582442 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.083472 | -.003857 | .1108054 | -.000183 | 18.07832 | 7.507714 | -.004425 |
| Stddev | .069096  | .003253  | .0004263 | .000397  | .13137   | .031845  | .001203  |
| %RSD   | 1.359225 | 84.32987 | .3847036 | 217.0597 | .7266633 | .4241673 | 27.18288 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.017784 | -.007486 | .1104119 | .000167  | 18.00301 | 7.485908 | -.005488 |
| #2 | 5.155534 | -.001204 | .1112582 | -.000102 | 18.00194 | 7.544258 | -.004668 |
| #3 | 5.077098 | -.002882 | .1107461 | -.000614 | 18.23001 | 7.492975 | -.003119 |

Sample Name: K1965-09      Acquired: 03/19/2019 18:27:24      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-DUP05-201 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.003421</b> | <b>-.006754</b> | <b>.4167048</b> |
| Stddev | .000328         | .002478         | .0017762        |
| %RSD   | 9.600867        | 36.69178        | .4262386        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.003686</b> | <b>-.009565</b> | <b>.4185084</b> |
| #2 | <b>-.003053</b> | <b>-.005814</b> | <b>.4149574</b> |
| #3 | <b>-.003523</b> | <b>-.004883</b> | <b>.4166485</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2680.579</b> | <b>2925.839</b> | <b>59723.65</b> | <b>5556.268</b> | <b>4338.709</b> |
| Stddev    | 17.391          | 27.168          | 373.48          | 27.935          | 38.386          |
| %RSD      | .6487598        | .9285620        | .6253515        | .5027582        | .8847255        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2660.611</b> | <b>2938.639</b> | <b>59359.40</b> | <b>5543.444</b> | <b>4359.353</b> |
| #2 | <b>2692.405</b> | <b>2944.242</b> | <b>60105.73</b> | <b>5537.048</b> | <b>4362.355</b> |
| #3 | <b>2688.720</b> | <b>2894.635</b> | <b>59705.83</b> | <b>5588.312</b> | <b>4294.419</b> |

Sample Name: K1972-06      Acquired: 03/19/2019 18:31:14      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-8-031519      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0143517 | .0030259 | .0067088 | .0015871 | .0004303 | .0971384 | .2149350 |
| Stddev | .0071979 | .0013729 | .0016292 | .0022067 | .0007838 | .0135671 | .0024843 |
| %RSD   | 50.15385 | 45.37145 | 24.28391 | 139.0442 | 182.1695 | 13.96677 | 1.155832 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0128070 | .0041628 | .0049879 | .0041244 | .0013313 | .0926326 | .2173678 |
| #2 | .0221966 | .0034141 | .0082273 | .0005217 | .0000537 | .0863975 | .2124022 |
| #3 | .0080515 | .0015007 | .0069114 | .0001152 | -.000094 | .1123851 | .2150348 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000706 | -.000031 | 203.8057 | .0011080 | .0021935 | .0045346 | -.002792 |
| Stddev | .0000551 | .000034  | 1.4028   | .0004150 | .0002006 | .0029886 | .009970  |
| %RSD   | 78.01175 | 109.3238 | .6883107 | 37.45342 | 9.146619 | 65.90635 | 357.0545 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001340 | -.000048 | 205.3472 | .0012946 | .0024250 | .0058943 | -.013191 |
| #2 | .0000432 | -.000052 | 203.4657 | .0006325 | .0020703 | .0066016 | .006685  |
| #3 | .0000346 | .000008  | 202.6041 | .0013969 | .0020852 | .0011079 | -.001872 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8047197 | 40.82277 | .0079440 | .0013451 | 208.6211 | -.002631 | .1404277 |
| Stddev | .0016623 | .38151   | .0003170 | .0005206 | 1.4291   | .005860  | .0010839 |
| %RSD   | .2065686 | .9345463 | 3.990046 | 38.70211 | .6850193 | 222.7296 | .7718487 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8063852 | 41.25743 | .0082066 | .0018624 | 210.2640 | -.004712 | .1405843 |
| #2 | .8047132 | 40.66750 | .0075919 | .0013517 | 207.6658 | .003985  | .1414249 |
| #3 | .8030606 | 40.54339 | .0080334 | .0008213 | 207.9334 | -.007166 | .1392741 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 27.35392 | .3540113 | .1590354 | .0083879 | 5.751545 | 17.51769 | -.006299 |
| Stddev | .20633   | .0056546 | .0016583 | .0001217 | .066946  | .08729   | .001064  |
| %RSD   | .7543148 | 1.597292 | 1.042690 | 1.451328 | 1.163963 | .4982684 | 16.88796 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 27.57552 | .3476998 | .1571229 | .0082919 | 5.708953 | 17.50773 | -.007235 |
| #2 | 27.16733 | .3557186 | .1600723 | .0083470 | 5.716973 | 17.60952 | -.005142 |
| #3 | 27.31890 | .3586156 | .1599111 | .0085249 | 5.828709 | 17.43581 | -.006521 |

Sample Name: K1972-06      Acquired: 03/19/2019 18:31:14      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-8-031519      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.008237</b> | <b>.0496944</b> | <b>.9529460</b> |
| Stddev | .001340         | .0013824        | .0058800        |
| %RSD   | 16.26559        | 2.781868        | .6170349        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.009784</b> | <b>.0497909</b> | <b>.9595826</b> |
| #2 | <b>-.007443</b> | <b>.0482662</b> | <b>.9483862</b> |
| #3 | <b>-.007485</b> | <b>.0510260</b> | <b>.9508692</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2622.322</b> | <b>2813.265</b> | <b>59468.49</b> | <b>5555.702</b> | <b>4040.356</b> |
| Stddev    | 6.800           | 33.261          | 233.04          | 12.223          | 49.696          |
| %RSD      | .2593051        | 1.182275        | .3918640        | .2200141        | 1.229981        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2616.702</b> | <b>2833.258</b> | <b>59284.49</b> | <b>5548.311</b> | <b>4071.378</b> |
| #2 | <b>2629.880</b> | <b>2831.666</b> | <b>59730.53</b> | <b>5548.984</b> | <b>4066.653</b> |
| #3 | <b>2620.384</b> | <b>2774.870</b> | <b>59390.44</b> | <b>5569.811</b> | <b>3983.038</b> |



Sample Name: K1972-07      Acquired: 03/19/2019 18:35:04      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-9-031519      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0147683 | .0013203 | .0076836 | -.001665 | -.000848 | .0946712 | .2167244 |
| Stddev | .0033406 | .0012608 | .0024328 | .003515  | .001190  | .0056132 | .0007478 |
| %RSD   | 22.62036 | 95.49771 | 31.66191 | 211.1253 | 140.3526 | 5.929181 | .3450650 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0109138 | .0026180 | .0080661 | -.004113 | -.001135 | .0998067 | .2168190 |
| #2 | .0168259 | .0012428 | .0099025 | -.003244 | .000459  | .0955282 | .2174204 |
| #3 | .0165652 | .0001000 | .0050822 | .002362  | -.001868 | .0886788 | .2159337 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000692 | .0000439 | 241.8385 | .0006083 | .0001046 | .0085878 | 2.927004 |
| Stddev | .0000761 | .0001130 | 2.1449   | .0002594 | .0001077 | .0022982 | .036137  |
| %RSD   | 110.0376 | 257.2912 | .8869122 | 42.63617 | 103.0186 | 26.76059 | 1.234621 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000009 | .0001669 | 241.1690 | .0003205 | .0001914 | .0062983 | 2.961648 |
| #2 | .000144  | .0000203 | 240.1083 | .0006805 | -.000016 | .0108945 | 2.889539 |
| #3 | .000073  | -.000055 | 244.2383 | .0008240 | .000138  | .0085706 | 2.929824 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.045468 | 54.05072 | .0045680 | .0013982 | 671.4746 | -.001394 | .0772125 |
| Stddev | .003245  | .56848   | .0003126 | .0001830 | 2.2827   | .002989  | .0009418 |
| %RSD   | .3104217 | 1.051751 | 6.844420 | 13.08918 | .3399537 | 214.4212 | 1.219792 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.042318 | 54.11556 | .0047851 | .0013003 | 670.6429 | .002013  | .0767543 |
| #2 | 1.045285 | 53.45260 | .0047092 | .0016093 | 669.7244 | -.003576 | .0765874 |
| #3 | 1.048801 | 54.58399 | .0042096 | .0012849 | 674.0566 | -.002619 | .0782957 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 44.37223 | .1020676 | .3102454 | .0056025 | 5.364493 | 27.53759 | -.006034 |
| Stddev | .16453   | .0039819 | .0018103 | .0002803 | .078669  | .15884   | .000746  |
| %RSD   | .3708023 | 3.901226 | .5835131 | 5.002590 | 1.466470 | .5768136 | 12.35524 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 44.28778 | .0974700 | .3084255 | .0057465 | 5.340717 | 27.36053 | -.005182 |
| #2 | 44.26707 | .1044115 | .3120460 | .0057815 | 5.300455 | 27.58466 | -.006567 |
| #3 | 44.56184 | .1043212 | .3102647 | .0052795 | 5.452307 | 27.66757 | -.006354 |

Sample Name: K1972-07      Acquired: 03/19/2019 18:35:04      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-9-031519      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.010253</b> | <b>.0924768</b> | <b>.9715818</b> |
| Stddev | .002293         | .0014187        | .0005599        |
| %RSD   | 22.36291        | 1.534130        | .0576283        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.012199</b> | <b>.0931595</b> | <b>.9722278</b> |
| #2 | <b>-.007725</b> | <b>.0934252</b> | <b>.9712821</b> |
| #3 | <b>-.010835</b> | <b>.0908459</b> | <b>.9712356</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2585.599</b> | <b>2747.450</b> | <b>58397.13</b> | <b>5440.019</b> | <b>3797.783</b> |
| Stddev    | 15.627          | 26.945          | 286.23          | 27.274          | 41.764          |
| %RSD      | .6043707        | .9807224        | .4901377        | .5013612        | 1.099703        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2576.458</b> | <b>2760.125</b> | <b>58074.51</b> | <b>5470.524</b> | <b>3811.226</b> |
| #2 | <b>2603.643</b> | <b>2765.720</b> | <b>58496.31</b> | <b>5431.548</b> | <b>3831.170</b> |
| #3 | <b>2576.697</b> | <b>2716.505</b> | <b>58620.58</b> | <b>5417.986</b> | <b>3750.952</b> |

Sample Name: K1972-08      Acquired: 03/19/2019 18:38:55      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-10-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0102354</b> | <b>.0025863</b> | <b>.0129656</b> | <b>.0008088</b> | <b>-.000465</b> | <b>.0742614</b> | <b>.5012360</b> |
| Stddev | .0047860        | .0024629        | .0006430        | .0018782        | .002120         | .0056281        | .0024915        |
| %RSD   | 46.75884        | 95.23159        | 4.959388        | 232.2281        | 456.1326        | 7.578734        | .4970730        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0062572 | -.000256 | .0136764 | .0002629 | .001983  | .0735299 | .5016889 |
| #2 | .0089025 | .003925  | .0124244 | .0028995 | -.001699 | .0802194 | .4985491 |
| #3 | .0155465 | .004090  | .0127959 | -.000736 | -.001678 | .0690348 | .5034700 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000162</b> | <b>-.000010</b> | <b>269.9258</b> | <b>.0016290</b> | <b>.0056289</b> | <b>.0081604</b> | <b>1.477110</b> |
| Stddev | .0000243        | .000039         | 1.4120          | .0005456        | .0004251        | .0033949        | .028015         |
| %RSD   | 149.9002        | 407.1038        | .5231043        | 33.49367        | 7.551481        | 41.60250        | 1.896585        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000009 | -.000038 | 270.5581 | .0010223 | .0060933 | .0100671 | 1.497080 |
| #2 | .000039  | -.000025 | 268.3082 | .0020795 | .0052591 | .0042408 | 1.445086 |
| #3 | .000018  | .000035  | 270.9111 | .0017851 | .0055343 | .0101735 | 1.489165 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.376209</b> | <b>38.08058</b> | <b>.0059955</b> | <b>.0011276</b> | <b>322.5216</b> | <b>-.003823</b> | <b>.1026165</b> |
| Stddev | .012038         | .36235          | .0002575        | .0004013        | 1.6911          | .008396         | .0001121        |
| %RSD   | .8747272        | .9515269        | 4.295525        | 35.58552        | .5243325        | 219.6405        | .1092519        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.383516 | 38.19116 | .0057263 | .0008183 | 322.1978 | .005225  | .1024893 |
| #2 | 1.362315 | 37.67582 | .0062395 | .0009835 | 321.0159 | -.011364 | .1026593 |
| #3 | 1.382797 | 38.37474 | .0060208 | .0015810 | 324.3512 | -.005329 | .1027008 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>29.51286</b> | <b>.0323544</b> | <b>.2749425</b> | <b>.0067334</b> | <b>16.48425</b> | <b>25.74297</b> | <b>-.006958</b> |
| Stddev | .20254          | .0045940        | .0018177        | .0002392        | .27844          | .17434          | .000508         |
| %RSD   | .6862926        | 14.19914        | .6611118        | 3.551972        | 1.689110        | .6772391        | 7.295702        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 29.53524 | .0369412 | .2753521 | .0064638 | 16.31369 | 25.84754 | -.006748 |
| #2 | 29.30006 | .0277531 | .2729549 | .0068163 | 16.33349 | 25.54171 | -.007537 |
| #3 | 29.70329 | .0323689 | .2765204 | .0069201 | 16.80556 | 25.83966 | -.006589 |

Sample Name: K1972-08      Acquired: 03/19/2019 18:38:55      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-10-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.010903</b> | <b>.0771046</b> | <b>.9839789</b> |
| Stddev | .001851         | .0008355        | .0075057        |
| %RSD   | 16.97558        | 1.083641        | .7627928        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.010517</b> | <b>.0761820</b> | <b>.9879102</b> |
| #2 | <b>-.009276</b> | <b>.0778104</b> | <b>.9753241</b> |
| #3 | <b>-.012917</b> | <b>.0773213</b> | <b>.9887023</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2623.291</b> | <b>2788.702</b> | <b>59390.44</b> | <b>5540.166</b> | <b>3956.119</b> |
| Stddev    | 16.111          | 33.596          | 193.47          | 37.609          | 44.799          |
| %RSD      | .6141492        | 1.204733        | .3257606        | .6788374        | 1.132393        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2640.956</b> | <b>2802.323</b> | <b>59607.40</b> | <b>5545.872</b> | <b>3979.265</b> |
| #2 | <b>2619.511</b> | <b>2813.349</b> | <b>59235.83</b> | <b>5574.595</b> | <b>3984.611</b> |
| #3 | <b>2609.406</b> | <b>2750.434</b> | <b>59328.09</b> | <b>5500.030</b> | <b>3904.482</b> |

Sample Name: K1972-08DUP      Acquired: 03/19/2019 18:42:45      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-10-031519 Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0147538 | .0014047 | .0106091 | .0009914 | -.002733 | .0631843 | .5059952 |
| Stddev | .0020641 | .0019426 | .0002972 | .0020466 | .001509  | .0234410 | .0039469 |
| %RSD   | 13.99051 | 138.2975 | 2.801303 | 206.4397 | 55.19753 | 37.09941 | .7800184 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0170580 | -.000835 | .0103378 | .0030734 | -.001753 | .0730947 | .5105144 |
| #2 | .0130740 | .002418  | .0105628 | -.001018 | -.001976 | .0800424 | .5042459 |
| #3 | .0141294 | .002631  | .0109268 | .000919  | -.004471 | .0364158 | .5032254 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000916 | .0000201 | 274.2404 | .0021070 | .0056683 | .0072562 | 1.525510 |
| Stddev | .0000030 | .0000875 | .6222    | .0003910 | .0002001 | .0041419 | .023554  |
| %RSD   | 3.246186 | 436.0846 | .2268920 | 18.55651 | 3.530700 | 57.08102 | 1.544014 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000900 | -.000066 | 274.9535 | .0018830 | .0057712 | .0027543 | 1.536766 |
| #2 | .0000897 | .000018  | 273.8074 | .0018795 | .0054377 | .0109053 | 1.541324 |
| #3 | .0000950 | .000109  | 273.9605 | .0025584 | .0057961 | .0081089 | 1.498440 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.395172 | 38.57432 | .0061341 | .0012809 | 326.3352 | .0002040 | .1024465 |
| Stddev | .002271  | .23815   | .0002670 | .0001880 | 1.3132   | .0105380 | .0003817 |
| %RSD   | .1627670 | .6173668 | 4.352707 | 14.67490 | .4024096 | 5166.835 | .3725537 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.396635 | 38.72038 | .0063191 | .0014887 | 327.8182 | .0106581 | .1028486 |
| #2 | 1.392556 | 38.70307 | .0062553 | .0012310 | 325.8679 | -.010416 | .1020892 |
| #3 | 1.396324 | 38.29952 | .0058280 | .0011228 | 325.3196 | .000370  | .1024017 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 29.92414 | .0278186 | .2771668 | .0067019 | 16.44819 | 26.08339 | -.005590 |
| Stddev | .17942   | .0046411 | .0023744 | .0000852 | .29974   | .22966   | .000173  |
| %RSD   | .5995786 | 16.68329 | .8566746 | 1.271128 | 1.822337 | .8804794 | 3.088728 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 30.11332 | .0250951 | .2798936 | .0066036 | 16.28933 | 26.28514 | -.005740 |
| #2 | 29.75641 | .0331774 | .2755556 | .0067540 | 16.26131 | 25.83346 | -.005628 |
| #3 | 29.90270 | .0251833 | .2760512 | .0067481 | 16.79392 | 26.13157 | -.005401 |

Sample Name: K1972-08DUP      Acquired: 03/19/2019 18:42:45      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-10-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.010636</b> | <b>.0772900</b> | <b>.9866203</b> |
| Stddev | .000856         | .0012024        | .0040630        |
| %RSD   | 8.051035        | 1.555753        | .4118119        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.010609</b> | <b>.0781070</b> | <b>.9887896</b> |
| #2 | <b>-.009793</b> | <b>.0778538</b> | <b>.9891383</b> |
| #3 | <b>-.011505</b> | <b>.0759093</b> | <b>.9819330</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2598.302</b> | <b>2785.651</b> | <b>58913.07</b> | <b>5448.683</b> | <b>3952.147</b> |
| Stddev    | 9.245           | 42.762          | 188.41          | 24.680          | 57.483          |
| %RSD      | .3558039        | 1.535064        | .3198054        | .4529602        | 1.454471        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2606.484 | 2815.966 | 58947.89 | 5423.251 | 3987.749 |
| #2 | 2588.274 | 2804.246 | 58709.68 | 5472.537 | 3982.861 |
| #3 | 2600.150 | 2736.740 | 59081.64 | 5450.260 | 3885.832 |

Sample Name: K1972-08LX5      Acquired: 03/19/2019 18:46:34      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: PBW      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0030752 | -.001384 | .0030030 | .0029566 | -.000562 | -.000857 | .0949755 |
| Stddev | .0061495 | .001246  | .0009929 | .0014613 | .000276  | .004267  | .0010796 |
| %RSD   | 199.9681 | 90.03550 | 33.06238 | 49.42654 | 49.19464 | 498.1032 | 1.136769 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0100855 | -.001901 | .0027108 | .0035099 | -.000311 | .004055  | .0955493 |
| #2 | .0005491 | -.002289 | .0021890 | .0040605 | -.000857 | -.002983 | .0956472 |
| #3 | -.001409 | .000037  | .0041092 | .0012994 | -.000517 | -.003642 | .0937301 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000038 | -.000067 | 53.43388 | .0002216 | .0001125 | .0035408 | .2950917 |
| Stddev | .0000315 | .000017  | .27537   | .0003244 | .0002881 | .0014795 | .0097405 |
| %RSD   | 824.4328 | 24.62079 | .5153460 | 146.4004 | 256.0649 | 41.78303 | 3.300850 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000027 | -.000082 | 53.32062 | .0004612 | .0004440 | .0042470 | .2852887 |
| #2 | .000036  | -.000070 | 53.74781 | -.000148 | -.000029 | .0045349 | .2952180 |
| #3 | .000003  | -.000049 | 53.23319 | .000351  | -.000078 | .0018406 | .3047685 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2814624 | 7.554181 | .0014895 | .0011368 | 63.39809 | -.000019 | .0190614 |
| Stddev | .0059298 | .072637  | .0003461 | .0006481 | .29536   | .008339  | .0003423 |
| %RSD   | 2.106779 | .9615449 | 23.23646 | 57.00709 | .4658798 | 43634.57 | 1.795672 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2772375 | 7.631102 | .0017205 | .0014750 | 63.49074 | .003639  | .0193582 |
| #2 | .2882413 | 7.486764 | .0010916 | .0003896 | 63.63600 | -.009562 | .0191390 |
| #3 | .2789085 | 7.544678 | .0016565 | .0015458 | 63.06751 | .005866  | .0186869 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.665167 | .0001494 | .0491971 | .0015590 | 3.056245 | 5.004650 | -.005168 |
| Stddev | .098707  | .0007618 | .0003619 | .0001528 | .049955  | .072869  | .000550  |
| %RSD   | 1.742352 | 509.9397 | .7356514 | 9.800379 | 1.634532 | 1.456021 | 10.64719 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.559086 | -.000191 | .0495418 | .0016388 | 3.027306 | 5.046703 | -.005691 |
| #2 | 5.754308 | -.000383 | .0492294 | .0013828 | 3.027501 | 5.046738 | -.005220 |
| #3 | 5.682108 | .001022  | .0488201 | .0016553 | 3.113929 | 4.920508 | -.004594 |

Sample Name: K1972-08LX5      Acquired: 03/19/2019 18:46:34      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: PBW      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.003286</b> | <b>.0130740</b> | <b>.1959917</b> |
| Stddev | .001895         | .0014678        | .0006894        |
| %RSD   | 57.66305        | 11.22719        | .3517219        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.005085</b> | <b>.0114113</b> | <b>.1958215</b> |
| #2 | <b>-.001308</b> | <b>.0136204</b> | <b>.1967502</b> |
| #3 | <b>-.003464</b> | <b>.0141902</b> | <b>.1954035</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2605.666</b> | <b>2829.562</b> | <b>58518.29</b> | <b>5487.143</b> | <b>4201.374</b> |
| Stddev    | 2.556           | 33.626          | 267.96          | 17.195          | 56.194          |
| %RSD      | .0980945        | 1.188385        | .4579018        | .3133686        | 1.337520        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2603.651</b> | <b>2844.596</b> | <b>58412.53</b> | <b>5471.610</b> | <b>4230.457</b> |
| #2 | <b>2608.541</b> | <b>2853.048</b> | <b>58822.98</b> | <b>5484.200</b> | <b>4237.066</b> |
| #3 | <b>2604.806</b> | <b>2791.042</b> | <b>58319.35</b> | <b>5505.620</b> | <b>4136.599</b> |



Sample Name: K1972-08MS      Acquired: 03/19/2019 18:50:24      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-10-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9428823</b> | <b>2.271911</b> | <b>1.141779</b> | <b>2.250395</b> | <b>.9024145</b> | <b>2.417991</b> | <b>.7675517</b> |
| Stddev | .0187428        | .022729         | .013302         | .023577         | .0122440        | .029251         | .0001125        |
| %RSD   | 1.987815        | 1.000422        | 1.165006        | 1.047693        | 1.356801        | 1.209719        | .0146596        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9481857 | 2.278375 | 1.140064 | 2.247233 | .9029055 | 2.396268 | .7675456 |
| #2 | .9220594 | 2.246650 | 1.129419 | 2.228558 | .8899324 | 2.406453 | .7676671 |
| #3 | .9584020 | 2.290707 | 1.155856 | 2.275393 | .9144055 | 2.451251 | .7674423 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2159013</b> | <b>.2121716</b> | <b>291.2081</b> | <b>.4442498</b> | <b>.2388569</b> | <b>.3726975</b> | <b>5.018671</b> |
| Stddev | .0026272        | .0026350        | 1.5651          | .0006848        | .0033665        | .0010174        | .045279         |
| %RSD   | 1.216878        | 1.241910        | .5374389        | .1541415        | 1.409443        | .2729699        | .9022161        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2143174 | .2111408 | 289.6707 | .4443770 | .2381420 | .3738389 | 4.989102 |
| #2 | .2144524 | .2102079 | 291.1542 | .4448621 | .2359052 | .3723674 | 4.996113 |
| #3 | .2189339 | .2151662 | 292.7994 | .4435104 | .2425234 | .3718861 | 5.070798 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.702855</b> | <b>43.14808</b> | <b>.5896651</b> | <b>.0889425</b> | <b>349.6094</b> | <b>.3413150</b> | <b>.3339975</b> |
| Stddev | .013179         | .28989          | .0067118        | .0005268        | 1.8253          | .0044958        | .0008064        |
| %RSD   | .7739443        | .6718531        | 1.138233        | .5922490        | .5220843        | 1.317207        | .2414496        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.689434 | 42.81779 | .5881437 | .0890834 | 347.5606 | .3458001 | .3338445 |
| #2 | 1.703352 | 43.26610 | .5838447 | .0883596 | 350.2052 | .3413365 | .3332785 |
| #3 | 1.715779 | 43.36034 | .5970070 | .0893845 | 351.0622 | .3368085 | .3348694 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>44.00610</b> | <b>8.294628</b> | <b>.6265422</b> | <b>.4420903</b> | <b>17.46487</b> | <b>28.39357</b> | <b>.7979413</b> |
| Stddev | .10199          | .108872         | .0084492        | .0053797        | .25087          | .36360          | .0107219        |
| %RSD   | .2317597        | 1.312560        | 1.348546        | 1.216872        | 1.436436        | 1.280567        | 1.343693        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 43.88932 | 8.287325 | .6224765 | .4406262 | 17.36842 | 28.20077 | .7953349 |
| #2 | 44.05125 | 8.189591 | .6208945 | .4375943 | 17.27654 | 28.16698 | .7887630 |
| #3 | 44.07771 | 8.406968 | .6362557 | .4480505 | 17.74965 | 28.81296 | .8097262 |

Sample Name: K1972-08MS      Acquired: 03/19/2019 18:50:24      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-10-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2111503</b> | <b>.3134256</b> | <b>1.263425</b> |
| Stddev | .0029140        | .0023504        | .000141         |
| %RSD   | 1.380043        | .7499093        | .0111210        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2092944</b> | <b>.3120234</b> | <b>1.263263</b> |
| #2 | <b>.2145089</b> | <b>.3161391</b> | <b>1.263507</b> |
| #3 | <b>.2096477</b> | <b>.3121143</b> | <b>1.263505</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2601.186</b> | <b>2769.401</b> | <b>58957.49</b> | <b>5416.836</b> | <b>3918.273</b> |
| Stddev    | 4.348           | 25.948          | 113.61          | 56.336          | 32.638          |
| %RSD      | .1671676        | .9369397        | .1927000        | 1.040010        | .8329753        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2604.977</b> | <b>2780.440</b> | <b>59046.35</b> | <b>5449.281</b> | <b>3931.348</b> |
| #2 | <b>2596.439</b> | <b>2788.004</b> | <b>58829.48</b> | <b>5449.442</b> | <b>3942.347</b> |
| #3 | <b>2602.141</b> | <b>2739.760</b> | <b>58996.63</b> | <b>5351.785</b> | <b>3881.125</b> |

Sample Name: K1972-08MSD      Acquired: 03/19/2019 18:54:03      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-10-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9527067</b> | <b>2.293321</b> | <b>1.153773</b> | <b>2.269712</b> | <b>.9225026</b> | <b>2.403511</b> | <b>.7811820</b> |
| Stddev | .0136370        | .020720         | .014246         | .017481         | .0110631        | .024310         | .0030543        |
| %RSD   | 1.431398        | .9035127        | 1.234759        | .7701701        | 1.199251        | 1.011418        | .3909897        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9512194 | 2.281745 | 1.144996 | 2.262334 | .9138808 | 2.425414 | .7846419 |
| #2 | .9398742 | 2.280974 | 1.146113 | 2.257130 | .9186502 | 2.377356 | .7788597 |
| #3 | .9670264 | 2.317242 | 1.170211 | 2.289672 | .9349769 | 2.407762 | .7800444 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2170146</b> | <b>.2147358</b> | <b>300.9752</b> | <b>.4534057</b> | <b>.2413845</b> | <b>.3664690</b> | <b>5.148052</b> |
| Stddev | .0029246        | .0022568        | 6.4848          | .0009311        | .0028017        | .0038448        | .059898         |
| %RSD   | 1.347637        | 1.050961        | 2.154590        | .2053686        | 1.160662        | 1.049152        | 1.163517        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2203876 | .2138310 | 308.0914 | .4523384 | .2398145 | .3622119 | 5.217216 |
| #2 | .2151862 | .2130718 | 295.3992 | .4538264 | .2397198 | .3675062 | 5.113693 |
| #3 | .2154700 | .2173046 | 299.4351 | .4540522 | .2446191 | .3696887 | 5.113247 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.752407</b> | <b>44.60690</b> | <b>.6015965</b> | <b>.0894124</b> | <b>359.9395</b> | <b>.3391999</b> | <b>.3365819</b> |
| Stddev | .045385         | .62673          | .0063843        | .0004743        | 5.3254          | .0114485        | .0007547        |
| %RSD   | 2.589839        | 1.405017        | 1.061220        | .5304603        | 1.479531        | 3.375141        | .2242322        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.803020 | 45.23392 | .5981374 | .0899417 | 365.9343 | .3521818 | .3374526 |
| #2 | 1.715333 | 43.98045 | .5976883 | .0890259 | 355.7561 | .3305481 | .3361160 |
| #3 | 1.738868 | 44.60633 | .6089639 | .0892696 | 358.1280 | .3348697 | .3361769 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>44.91862</b> | <b>8.383094</b> | <b>.6379497</b> | <b>.4553527</b> | <b>18.05351</b> | <b>29.08592</b> | <b>.8205766</b> |
| Stddev | .36270          | .101300         | .0093194        | .0051022        | .19359          | .38965          | .0115196        |
| %RSD   | .8074574        | 1.208389        | 1.460835        | 1.120499        | 1.072308        | 1.339660        | 1.403849        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 45.26338 | 8.320569 | .6486270 | .4511732 | 17.91447 | 29.52367 | .8100686 |
| #2 | 44.54031 | 8.328743 | .6337720 | .4538465 | 17.97144 | 28.77700 | .8187673 |
| #3 | 44.95218 | 8.499970 | .6314501 | .4610385 | 18.27461 | 28.95707 | .8328938 |

Sample Name: K1972-08MSD      Acquired: 03/19/2019 18:54:03      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-10-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2147796</b> | <b>.3154349</b> | <b>1.297998</b> |
| Stddev | .0032323        | .0012757        | .005300         |
| %RSD   | 1.504924        | .4044396        | .4082853        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2184776</b> | <b>.3160404</b> | <b>1.302802</b> |
| #2 | <b>.2124933</b> | <b>.3139692</b> | <b>1.292313</b> |
| #3 | <b>.2133678</b> | <b>.3162952</b> | <b>1.298881</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2596.685</b> | <b>2769.224</b> | <b>59326.83</b> | <b>5447.740</b> | <b>3926.287</b> |
| Stddev    | 2.582           | 31.100          | 110.20          | 72.612          | 43.152          |
| %RSD      | .0994254        | 1.123065        | .1857427        | 1.332889        | 1.099065        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2599.157</b> | <b>2786.017</b> | <b>59244.44</b> | <b>5368.177</b> | <b>3948.815</b> |
| #2 | <b>2594.006</b> | <b>2788.319</b> | <b>59284.06</b> | <b>5510.432</b> | <b>3953.514</b> |
| #3 | <b>2596.892</b> | <b>2733.338</b> | <b>59452.00</b> | <b>5464.611</b> | <b>3876.533</b> |

Sample Name: K1972-08A      Acquired: 03/19/2019 18:57:42      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9439279</b> | <b>2.257921</b> | <b>1.138233</b> | <b>2.250626</b> | <b>.9059156</b> | <b>2.396453</b> | <b>.7633396</b> |
| Stddev | .0062012        | .022257         | .011415         | .010904         | .0069458        | .007170         | .0048989        |
| %RSD   | .6569545        | .9857498        | 1.002855        | .4844656        | .7667184        | .2992017        | .6417666        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9393097 | 2.236158 | 1.130516 | 2.240585 | .9021735 | 2.390270 | .7643920 |
| #2 | .9414978 | 2.256964 | 1.132837 | 2.249068 | .9016432 | 2.404313 | .7676266 |
| #3 | .9509760 | 2.280641 | 1.151345 | 2.262224 | .9139301 | 2.394776 | .7580000 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2161527</b> | <b>.2127044</b> | <b>295.7763</b> | <b>.4431877</b> | <b>.2381148</b> | <b>.3649357</b> | <b>5.089888</b> |
| Stddev | .0003982        | .0017216        | 1.8310          | .0009706        | .0017291        | .0039706        | .028860         |
| %RSD   | .1842386        | .8093789        | .6190333        | .2189996        | .7261808        | 1.088034        | .5670021        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2159283 | .2114532 | 295.7175 | .4442980 | .2369995 | .3657792 | 5.056847 |
| #2 | .2159173 | .2119923 | 297.6359 | .4425006 | .2372383 | .3684169 | 5.110167 |
| #3 | .2166125 | .2146678 | 293.9754 | .4427644 | .2401067 | .3606111 | 5.102649 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.732116</b> | <b>43.77117</b> | <b>.5904158</b> | <b>.0889099</b> | <b>353.3723</b> | <b>.3427965</b> | <b>.3312680</b> |
| Stddev | .007444         | .20406          | .0058217        | .0004786        | 1.2905          | .0058192        | .0006176        |
| %RSD   | .4297585        | .4662078        | .9860376        | .5382534        | .3651914        | 1.697570        | .1864401        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.733158 | 43.67499 | .5871267 | .0889547 | 353.1789 | .3476933 | .3315463 |
| #2 | 1.738984 | 44.00555 | .5869830 | .0893644 | 354.7486 | .3363633 | .3316975 |
| #3 | 1.724206 | 43.63297 | .5971376 | .0884104 | 352.1895 | .3443330 | .3305602 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>44.01942</b> | <b>8.267475</b> | <b>.6305272</b> | <b>.4469047</b> | <b>17.57586</b> | <b>28.54480</b> | <b>.8010647</b> |
| Stddev | .12609          | .061073         | .0018302        | .0043235        | .15189          | .01115          | .0067850        |
| %RSD   | .2864422        | .7387129        | .2902682        | .9674245        | .8641739        | .0390701        | .8469972        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 44.14995 | 8.220064 | .6296626 | .4457701 | 17.43896 | 28.54570 | .7956920 |
| #2 | 44.01003 | 8.245971 | .6326295 | .4432617 | 17.54938 | 28.53323 | .7988127 |
| #3 | 43.89829 | 8.336392 | .6292895 | .4516824 | 17.73925 | 28.55548 | .8086893 |

Sample Name: K1972-08A      Acquired: 03/19/2019 18:57:42      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2098880</b> | <b>.3109684</b> | <b>1.268201</b> |
| Stddev | .0041978        | .0016180        | .003096         |
| %RSD   | 1.999994        | .5203016        | .2441508        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2052663</b> | <b>.3101989</b> | <b>1.271504</b> |
| #2 | <b>.2134642</b> | <b>.3128275</b> | <b>1.265364</b> |
| #3 | <b>.2109335</b> | <b>.3098788</b> | <b>1.267734</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2599.460</b> | <b>2774.583</b> | <b>59012.55</b> | <b>5412.226</b> | <b>3937.705</b> |
| Stddev    | 20.549          | 18.880          | 407.11          | 24.500          | 26.142          |
| %RSD      | .7904912        | .6804520        | .6898762        | .4526874        | .6638766        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2615.156 | 2779.848 | 59195.31 | 5438.230 | 3955.168 |
| #2 | 2576.202 | 2790.271 | 58546.08 | 5389.574 | 3950.296 |
| #3 | 2607.022 | 2753.630 | 59296.25 | 5408.875 | 3907.651 |

Sample Name: CCV09      Acquired: 03/19/2019 19:01:22      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCV14709      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.082024 | 5.046120 | 4.908341 | 4.995920 | 5.158032 | 9.662703 |
| Stddev | .102371  | .088240  | .080807  | .097103  | .093373  | .050650  |
| %RSD   | 2.014381 | 1.748672 | 1.646328 | 1.943637 | 1.810237 | .5241774 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.034985 | 5.022925 | 4.866972 | 4.958525 | 5.117133 | 9.716411 |
| #2 | 5.011626 | 4.971793 | 4.856594 | 4.923075 | 5.092088 | 9.655899 |
| #3 | 5.199460 | 5.143640 | 5.001457 | 5.106160 | 5.264876 | 9.615800 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.10016 | .2599643 | 2.486463 | 24.18341 | .9523896 | 2.472635 |
| Stddev | .04561   | .0027715 | .045985  | .07297   | .0036255 | .041646  |
| %RSD   | .4515470 | 1.066090 | 1.849412 | .3017342 | .3806734 | 1.684276 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.14991 | .2630921 | 2.466302 | 24.26641 | .9485772 | 2.455703 |
| #2 | 10.09025 | .2589867 | 2.454001 | 24.15444 | .9527980 | 2.442122 |
| #3 | 10.06033 | .2578142 | 2.539084 | 24.12937 | .9557936 | 2.520080 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.265664 | 5.189954 | 2.441330 | 24.81953 | 2.481538 | 1.213612 |
| Stddev | .004020  | .054975  | .004673  | .13053   | .041655  | .006300  |
| %RSD   | .3176316 | 1.059264 | .1914023 | .5259222 | 1.678609 | .5191031 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.266888 | 5.146615 | 2.436626 | 24.68496 | 2.463851 | 1.218173 |
| #2 | 1.268930 | 5.251793 | 2.441394 | 24.94561 | 2.451646 | 1.216238 |
| #3 | 1.261174 | 5.171453 | 2.445971 | 24.82803 | 2.529119 | 1.206423 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 24.49307 | 2.422695 | 2.525144 | 24.77712 | F 5.619748 | 4.613251 |
| Stddev | .48848   | .008051  | .005138  | .03956   | .101099    | .061024  |
| %RSD   | 1.994379 | .3322983 | .2034543 | .1596811 | 1.798996   | 1.322798 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 24.90993 | 2.428784 | 2.519212 | 24.82256 | 5.587391 | 4.680859 |
| #2 | 24.61371 | 2.413567 | 2.528041 | 24.75855 | 5.538789 | 4.596644 |
| #3 | 23.95556 | 2.425733 | 2.528179 | 24.75026 | 5.733065 | 4.562249 |

Sample Name: CCV09      Acquired: 03/19/2019 19:01:22      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCV14709      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.918272</b> | <b>4.945920</b> | <b>4.552737</b> | <b>4.878941</b> | <b>4.904648</b> | <b>4.851783</b> |
| Stddev | .084909         | .102057         | .050114         | .090341         | .013062         | .030319         |
| %RSD   | 1.726406        | 2.063451        | 1.100734        | 1.851652        | .2663236        | .6249022        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.881220 | 4.904599 | 4.609262 | 4.843833 | 4.907554 | 4.883691 |
| #2 | 4.858184 | 4.871003 | 4.535204 | 4.811423 | 4.916012 | 4.848306 |
| #3 | 5.015410 | 5.062158 | 4.513746 | 4.981565 | 4.890377 | 4.823353 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>4.778425</b> |
| Stddev | .003418         |
| %RSD   | .0715353        |

|    |          |
|----|----------|
| #1 | 4.782276 |
| #2 | 4.777248 |
| #3 | 4.775750 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2586.815</b> | <b>2825.274</b> | <b>58574.16</b> | <b>5464.431</b> | <b>4168.121</b> |
| Stddev    | 12.384          | 35.628          | 204.82          | 46.732          | 55.525          |
| %RSD      | .4787379        | 1.261048        | .3496823        | .8552053        | 1.332144        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2600.459 | 2834.088 | 58763.66 | 5414.481 | 4181.617 |
| #2 | 2576.286 | 2855.667 | 58356.85 | 5471.726 | 4215.654 |
| #3 | 2583.699 | 2786.066 | 58601.97 | 5507.087 | 4107.091 |



Sample Name: CCB09      Acquired: 03/19/2019 19:04:54      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCB14709      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015171 | .0004311 | -.000712 | .0030135 | .0001431 | -.026774 | -.005312 |
| Stddev | .0030454 | .0014404 | .001529  | .0011170 | .0008911 | .000633  | .000407  |
| %RSD   | 200.7460 | 334.0861 | 214.7890 | 37.06579 | 622.5568 | 2.364130 | 7.667196 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001804 | -.000812 | -.002060 | .0042864 | .0011035 | -.027404 | -.005101 |
| #2 | .002175  | .002010  | .000950  | .0025574 | -.000017 | -.026138 | -.005054 |
| #3 | .004180  | .000095  | -.001026 | .0021968 | -.000657 | -.026779 | -.005782 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000350 | .0000930 | -.003924 | .0001110 | -.000036 | .0022908 | -.003235 |
| Stddev | .0000754 | .0000164 | .030377  | .0002713 | .000253  | .0027756 | .013368  |
| %RSD   | 215.1819 | 17.61307 | 774.0538 | 244.4622 | 705.2623 | 121.1634 | 413.2159 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000536 | .0001080 | -.038949 | -.000133 | -.000050 | .0023431 | -.012939 |
| #2 | .0000995 | .0000755 | .011932  | .000063  | .000224  | .0050399 | -.008779 |
| #3 | -.000048 | .0000956 | .015244  | .000403  | -.000281 | -.000511 | .012013  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001415 | .0399814 | .0001587 | .0007345 | -.250793 | -.001975 | -.001040 |
| Stddev | .002104  | .0050056 | .0003598 | .0002710 | .219173  | .006229  | .000422  |
| %RSD   | 148.6971 | 12.51987 | 226.7649 | 36.88832 | 87.39176 | 315.4243 | 40.55208 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000017 | .0415588 | .0003738 | .0006847 | -.420324 | -.008830 | -.000573 |
| #2 | -.000393 | .0440084 | .0003589 | .0010269 | -.003297 | .003338  | -.001155 |
| #3 | -.003834 | .0343771 | -.000257 | .0004920 | -.328759 | -.000433 | -.001393 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0672508 | -.005403 | .0062852 | .0003647 | -.004555 | .0021406 | .0010250 |
| Stddev | .0421344 | .002163  | .0007011 | .0002223 | .001460  | .0015327 | .0009106 |
| %RSD   | 62.65257 | 40.04431 | 11.15503 | 60.94542 | 32.05493 | 71.60067 | 88.83562 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0187327 | -.005440 | .0070828 | .0006083 | -.006182 | .0034968 | .0019877 |
| #2 | .0883800 | -.007547 | .0057662 | .0003130 | -.003358 | .0024472 | .0009099 |
| #3 | .0946397 | -.003221 | .0060067 | .0001729 | -.004124 | .0004778 | .0001775 |

Sample Name: CCB09      Acquired: 03/19/2019 19:04:54      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCB14709      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000272</b> | <b>.0017642</b> | <b>.0000232</b> |
| Stddev | .000518         | .0028740        | .0000946        |
| %RSD   | 190.5288        | 162.9063        | 408.1390        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000316  | -.001476 | -.000041 |
| #2 | -.000660 | .004005  | .000132  |
| #3 | -.000472 | .002763  | -.000021 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2647.706</b> | <b>2896.735</b> | <b>59041.71</b> | <b>5490.737</b> | <b>4305.983</b> |
| Stddev    | 22.439          | 26.252          | 425.49          | 8.518           | 44.323          |
| %RSD      | .8474962        | .9062774        | .7206561        | .1551290        | 1.029337        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2628.713 | 2916.845 | 58663.18 | 5484.360 | 4347.187 |
| #2 | 2641.938 | 2906.324 | 58959.74 | 5487.440 | 4311.670 |
| #3 | 2672.466 | 2867.036 | 59502.22 | 5500.410 | 4259.090 |

Sample Name: K1972-01      Acquired: 03/19/2019 19:08:46      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-8-031519      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0675294</b> | <b>.0011782</b> | <b>2.087867</b> | <b>.0022126</b> | <b>.0035446</b> | <b>21.15515</b> | <b>.8917907</b> |
| Stddev | .0065665        | .0012519        | .035673         | .0015719        | .0009724        | .10098          | .0039121        |
| %RSD   | 9.723928        | 106.2521        | 1.708579        | 71.04327        | 27.43268        | .4773093        | .4386770        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0682328 | .0001414 | 2.066055 | .0039219 | .0024454 | 21.26920 | .8962886 |
| #2 | .0606395 | .0008243 | 2.068511 | .0008292 | .0042924 | 21.07714 | .8891795 |
| #3 | .0737159 | .0025689 | 2.129034 | .0018866 | .0038961 | 21.11910 | .8899040 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0026981</b> | <b>.0065854</b> | <b>284.3472</b> | <b>.0571828</b> | <b>.0319532</b> | <b>.2906851</b> | <b>70.98845</b> |
| Stddev | .0000217        | .0001673        | .2345           | .0005994        | .0007939        | .0046578        | .21516          |
| %RSD   | .8026880        | 2.541152        | .0824759        | 1.048260        | 2.484508        | 1.602343        | .3030977        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0027116 | .0065294 | 284.3623 | .0568150 | .0316402 | .2959136 | 70.97806 |
| #2 | .0027095 | .0064532 | 284.5739 | .0568589 | .0313634 | .2891630 | 70.77868 |
| #3 | .0026731 | .0067735 | 284.1056 | .0578745 | .0328558 | .2869789 | 71.20863 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.885563</b> | <b>46.71443</b> | <b>.0788023</b> | <b>-.001935</b> | <b>169.8759</b> | <b>.0796208</b> | <b>2.963176</b> |
| Stddev | .001823         | .05043          | .0016323        | .000396         | .6353           | .0056514        | .017127         |
| %RSD   | .0967054        | .1079615        | 2.071378        | 20.44770        | .3739970        | 7.097884        | .5780081        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.884047 | 46.73612 | .0780442 | -.002120 | 170.5849 | .0842177 | 2.943915 |
| #2 | 1.885055 | 46.65678 | .0776870 | -.001481 | 169.3581 | .0813336 | 2.976694 |
| #3 | 1.887586 | 46.75038 | .0806758 | -.002204 | 169.6848 | .0733111 | 2.968919 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>25.80853</b> | <b>13.77234</b> | <b>.1207876</b> | <b>.0060407</b> | <b>15.52874</b> | <b>44.99763</b> | <b>.0289352</b> |
| Stddev | .05766          | .22586          | .0001808        | .0005795        | .30210          | .39601          | .0010234        |
| %RSD   | .2234329        | 1.639963        | .1496788        | 9.592456        | 1.945427        | .8800716        | 3.536927        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.87371 | 13.63016 | .1209939 | .0054443 | 15.37837 | 45.03421 | .0286403 |
| #2 | 25.78777 | 13.65408 | .1206569 | .0066016 | 15.33132 | 45.37408 | .0300737 |
| #3 | 25.76413 | 14.03277 | .1207120 | .0060762 | 15.87651 | 44.58459 | .0280917 |

Sample Name: K1972-01      Acquired: 03/19/2019 19:08:46      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-8-031519      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.4506521</b> | <b>.0826557</b> | <b>1.093375</b> |
| Stddev | .0004311        | .0021227        | .005241         |
| %RSD   | .0956652        | 2.568161        | .4793819        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.4510984</b> | <b>.0817898</b> | <b>1.096520</b> |
| #2 | <b>.4502380</b> | <b>.0850745</b> | <b>1.087325</b> |
| #3 | <b>.4506198</b> | <b>.0811028</b> | <b>1.096281</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2709.424</b> | <b>2884.249</b> | <b>61212.71</b> | <b>5657.275</b> | <b>4035.678</b> |
| Stddev    | 19.055          | 40.272          | 527.30          | 36.046          | 59.336          |
| %RSD      | .7032827        | 1.396287        | .8614223        | .6371670        | 1.470293        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2723.180</b> | <b>2907.200</b> | <b>61360.37</b> | <b>5646.391</b> | <b>4068.954</b> |
| #2 | <b>2717.417</b> | <b>2907.800</b> | <b>61650.43</b> | <b>5627.924</b> | <b>4070.908</b> |
| #3 | <b>2687.674</b> | <b>2837.748</b> | <b>60627.32</b> | <b>5697.508</b> | <b>3967.171</b> |

Sample Name: K1972-02      Acquired: 03/19/2019 19:12:30      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-9-031519      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0402768</b> | <b>-.000965</b> | <b>.5034496</b> | <b>-.001323</b> | <b>.0014600</b> | <b>12.46128</b> | <b>.7117227</b> |
| Stddev | .0044321        | .000894         | .0094854        | .002331         | .0014532        | .13623          | .0057241        |
| %RSD   | 11.00404        | 92.67466        | 1.884092        | 176.1961        | 99.53339        | 1.093229        | .8042582        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0352145 | -.001382 | .5000302 | -.003958 | -.000170 | 12.61039 | .7180031 |
| #2 | .0421580 | -.001574 | .4961479 | -.000484 | .002621  | 12.43011 | .7103664 |
| #3 | .0434580 | .000062  | .5141707 | .000473  | .001929  | 12.34333 | .7067986 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0014123</b> | <b>.0012525</b> | <b>326.6027</b> | <b>.0257971</b> | <b>.0156764</b> | <b>.0805693</b> | <b>51.65497</b> |
| Stddev | .0000534        | .0000935        | 4.1859          | .0002672        | .0004156        | .0009301        | .75989          |
| %RSD   | 3.779336        | 7.464650        | 1.281658        | 1.035617        | 2.651141        | 1.154443        | 1.471094        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0014346 | .0011461 | 330.9928 | .0258489 | .0158116 | .0801836 | 52.44863 |
| #2 | .0014509 | .0012902 | 326.1590 | .0260346 | .0152100 | .0798942 | 51.58222 |
| #3 | .0013514 | .0013213 | 322.6563 | .0255079 | .0160076 | .0816303 | 50.93407 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.682433</b> | <b>58.51402</b> | <b>.0428229</b> | <b>-.001551</b> | <b>646.8442</b> | <b>.0327286</b> | <b>.2594859</b> |
| Stddev | .029978         | .93498          | .0010642        | .000107         | 5.9883          | .0085429        | .0012899        |
| %RSD   | 1.781816        | 1.597876        | 2.485035        | 6.887453        | .9257716        | 26.10231        | .4971048        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.714048 | 59.25944 | .0428342 | -.001438 | 653.0619 | .0329092 | .2609087 |
| #2 | 1.678835 | 58.81765 | .0417530 | -.001566 | 646.3553 | .0240968 | .2583931 |
| #3 | 1.654417 | 57.46496 | .0438813 | -.001650 | 641.1153 | .0411798 | .2591558 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>43.79949</b> | <b>7.519282</b> | <b>.2834971</b> | <b>.0047460</b> | <b>7.495340</b> | <b>41.22488</b> | <b>.0046658</b> |
| Stddev | .24978          | .154741         | .0026879        | .0000991        | .149390         | .11973          | .0002744        |
| %RSD   | .5702691        | 2.057924        | .9481353        | 2.088510        | 1.993108        | .2904306        | 5.880277        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 44.08222 | 7.452057 | .2858405 | .0046732 | 7.408902 | 41.36221 | .0048479 |
| #2 | 43.70752 | 7.409522 | .2840879 | .0047059 | 7.409277 | 41.14239 | .0043502 |
| #3 | 43.60875 | 7.696266 | .2805629 | .0048589 | 7.667841 | 41.17005 | .0047992 |

Sample Name: K1972-02      Acquired: 03/19/2019 19:12:30      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-9-031519      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2451457</b> | <b>.1199210</b> | <b>1.122533</b> |
| Stddev | .0021615        | .0011928        | .008520         |
| %RSD   | .8817145        | .9946917        | .7589763        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2439552</b> | <b>.1201218</b> | <b>1.128259</b> |
| #2 | <b>.2476407</b> | <b>.1210007</b> | <b>1.126599</b> |
| #3 | <b>.2438412</b> | <b>.1186405</b> | <b>1.112742</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2655.890</b> | <b>2820.725</b> | <b>60009.04</b> | <b>5590.668</b> | <b>3834.081</b> |
| Stddev    | 16.703          | 39.997          | 530.20          | 18.096          | 55.880          |
| %RSD      | .6288923        | 1.417985        | .8835265        | .3236901        | 1.457453        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2637.485 | 2836.848 | 59472.39 | 5569.790 | 3862.576 |
| #2 | 2670.085 | 2850.144 | 60532.53 | 5600.360 | 3869.969 |
| #3 | 2660.100 | 2775.182 | 60022.20 | 5601.856 | 3769.698 |

Sample Name: K1972-03      Acquired: 03/19/2019 19:16:17      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-10-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1306883</b> | <b>.0018874</b> | <b>5.150744</b> | <b>-.000151</b> | <b>.0024866</b> | <b>22.30758</b> | <b>3.146235</b> |
| Stddev | .0014000        | .0009791        | .069927         | .002139         | .0020519        | .04500          | .002378         |
| %RSD   | 1.071233        | 51.87591        | 1.357608        | 1415.112        | 82.51823        | .2017182        | .0755824        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1294608 | .0030175 | 5.106343 | -.000233 | .0026430 | 22.30848 | 3.148980 |
| #2 | .1303910 | .0012935 | 5.114539 | -.002248 | .0003610 | 22.26214 | 3.144800 |
| #3 | .1322130 | .0013512 | 5.231350 | .002028  | .0044559 | 22.35212 | 3.144926 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0022744</b> | <b>.0028057</b> | <b>329.9647</b> | <b>.0736616</b> | <b>.0339576</b> | <b>.5681370</b> | <b>62.92304</b> |
| Stddev | .0000540        | .0001212        | .4292           | .0005514        | .0009171        | .0021298        | .45482          |
| %RSD   | 2.375387        | 4.319472        | .1300814        | .7485613        | 2.700707        | .3748753        | .7228269        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0023308 | .0027737 | 329.6657 | .0731281 | .0340397 | .5659115 | 62.87730 |
| #2 | .0022691 | .0027037 | 329.7719 | .0736274 | .0330022 | .5683433 | 62.49281 |
| #3 | .0022231 | .0029397 | 330.4565 | .0742293 | .0348309 | .5701561 | 63.39900 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.215781</b> | <b>46.52197</b> | <b>.0811279</b> | <b>-.000417</b> | <b>321.5116</b> | <b>.0772585</b> | <b>1.604277</b> |
| Stddev | .015390         | .03760          | .0015252        | .000464         | .4533           | .0056119        | .009726         |
| %RSD   | .6945475        | .0808164        | 1.880053        | 111.1804        | .1410049        | 7.263845        | .6062579        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.212744 | 46.51152 | .0806529 | .000118  | 321.9626 | .0819389 | 1.614757 |
| #2 | 2.202137 | 46.49070 | .0798967 | -.000695 | 321.0559 | .0710370 | 1.595540 |
| #3 | 2.232463 | 46.56368 | .0828341 | -.000674 | 321.5161 | .0787997 | 1.602536 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>31.37400</b> | <b>9.656888</b> | <b>.2630005</b> | <b>.0072772</b> | <b>20.78129</b> | <b>48.35285</b> | <b>.1066637</b> |
| Stddev | .07139          | .152323         | .0022265        | .0005816        | .32324          | .31235          | .0018242        |
| %RSD   | .2275363        | 1.577350        | .8465945        | 7.992531        | 1.555420        | .6459802        | 1.710286        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 31.45048 | 9.560156 | .2647295 | .0066733 | 20.62320 | 48.53380 | .1056470 |
| #2 | 31.36240 | 9.578036 | .2604881 | .0073246 | 20.56753 | 47.99218 | .1055744 |
| #3 | 31.30912 | 9.832472 | .2637839 | .0078336 | 21.15315 | 48.53258 | .1087697 |

Sample Name: K1972-03      Acquired: 03/19/2019 19:16:17      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: TW-10-031519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.6967605</b> | <b>.1207367</b> | <b>1.247785</b> |
| Stddev | .0021250        | .0014467        | .001308         |
| %RSD   | .3049818        | 1.198220        | .1047924        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.6946738</b> | <b>.1205727</b> | <b>1.249169</b> |
| #2 | <b>.6966858</b> | <b>.1193790</b> | <b>1.246570</b> |
| #3 | <b>.6989218</b> | <b>.1222584</b> | <b>1.247617</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2687.261</b> | <b>2878.848</b> | <b>60816.82</b> | <b>5656.227</b> | <b>3976.401</b> |
| Stddev    | 4.397           | 23.537          | 222.30          | 19.763          | 39.487          |
| %RSD      | .1636233        | .8175967        | .3655188        | .3494003        | .9930323        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2685.477</b> | <b>2898.782</b> | <b>61000.90</b> | <b>5657.042</b> | <b>4006.488</b> |
| #2 | <b>2684.036</b> | <b>2884.881</b> | <b>60569.85</b> | <b>5675.569</b> | <b>3991.027</b> |
| #3 | <b>2692.269</b> | <b>2852.881</b> | <b>60879.69</b> | <b>5636.069</b> | <b>3931.688</b> |



Sample Name: K1973-01      Acquired: 03/19/2019 19:20:02      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: KIT-SINK-39A Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009995 | .0024360 | .0046456 | .0002309 | -.002364 | .0649259 | .1682120 |
| Stddev | .0035819 | .0008152 | .0028494 | .0013285 | .000782  | .0108941 | .0009720 |
| %RSD   | 358.3835 | 33.46496 | 61.33553 | 575.4530 | 33.06735 | 16.77924 | .5778474 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001177 | .0015390 | .0051507 | -.000922 | -.002512 | .0772141 | .1673976 |
| #2 | .005134  | .0031316 | .0072086 | -.000069 | -.003061 | .0564516 | .1692881 |
| #3 | -.000958 | .0026374 | .0015774 | .001684  | -.001519 | .0611120 | .1679503 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000664 | -.000064 | 98.80528 | -.000420 | -.001446 | .2075672 | .0056293 |
| Stddev | .0000185 | .000081  | .85638   | .000403  | .000391  | .0019589 | .0146629 |
| %RSD   | 27.83834 | 126.1071 | .8667336 | 95.84387 | 27.03043 | .9437590 | 260.4739 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000462 | -.000026 | 98.19165 | -.000835 | -.001427 | .2093684 | -.004122 |
| #2 | .0000824 | -.000157 | 99.78365 | -.000031 | -.001845 | .2054816 | -.001482 |
| #3 | .0000707 | -.000009 | 98.44055 | -.000395 | -.001064 | .2078516 | .022492  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008318 | 17.86240 | .0048630 | .0009563 | 295.4642 | .0008673 | 1.583262 |
| Stddev | .0009416 | .03496   | .0003355 | .0004488 | .7621    | .0053125 | .012176  |
| %RSD   | 113.1937 | .1957108 | 6.899923 | 46.92636 | .2579476 | 612.5160 | .7690470 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0014012 | 17.82340 | .0046812 | .0004661 | 294.6037 | -.005262 | 1.570242 |
| #2 | .0013492 | 17.89093 | .0046576 | .0010561 | 295.7349 | .003711  | 1.585179 |
| #3 | -.000255 | 17.87285 | .0052502 | .0013468 | 296.0540 | .004153  | 1.594366 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.535218 | .7973959 | .0883584 | .0003727 | 13.12754 | 4.276443 | -.006673 |
| Stddev | .067943  | .0115970 | .0001270 | .0001406 | .10997   | .025176  | .001083  |
| %RSD   | 1.921892 | 1.454365 | .1437679 | 37.73257 | .8376736 | .5887148 | 16.23359 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.481155 | .7856612 | .0885050 | .0002342 | 13.05829 | 4.251753 | -.005423 |
| #2 | 3.513013 | .7976763 | .0882880 | .0005154 | 13.06998 | 4.275496 | -.007249 |
| #3 | 3.611485 | .8088502 | .0882821 | .0003684 | 13.25433 | 4.302079 | -.007346 |

Sample Name: K1973-01      Acquired: 03/19/2019 19:20:02      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: KIT-SINK-39A Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.004005</b> | <b>-.004378</b> | <b>.3116472</b> |
| Stddev | .002187         | .001974         | .0006466        |
| %RSD   | 54.60231        | 45.08655        | .2074763        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.004183</b> | <b>-.002134</b> | <b>.3118816</b> |
| #2 | <b>-.006097</b> | <b>-.005155</b> | <b>.3109162</b> |
| #3 | <b>-.001734</b> | <b>-.005846</b> | <b>.3121440</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2656.851</b> | <b>2848.842</b> | <b>59506.68</b> | <b>5525.118</b> | <b>4134.214</b> |
| Stddev    | 13.800          | 27.281          | 369.47          | 21.722          | 32.961          |
| %RSD      | .5194164        | .9576066        | .6208929        | .3931488        | .7972654        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2666.717</b> | <b>2872.005</b> | <b>59930.81</b> | <b>5538.065</b> | <b>4158.273</b> |
| #2 | <b>2641.081</b> | <b>2855.751</b> | <b>59334.62</b> | <b>5500.040</b> | <b>4147.725</b> |
| #3 | <b>2662.755</b> | <b>2818.772</b> | <b>59254.62</b> | <b>5537.248</b> | <b>4096.645</b> |

Sample Name: K1973-01DUP      Acquired: 03/19/2019 19:23:51      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: KIT-SINK-39A Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0036725 | .0005991 | .0015503 | .0003164 | -.001649 | .0434825 | .1634431 |
| Stddev | .0043774 | .0013659 | .0005969 | .0029738 | .000581  | .0087612 | .0021435 |
| %RSD   | 119.1920 | 228.0051 | 38.49963 | 939.9486 | 35.21736 | 20.14882 | 1.311460 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0031255 | .0019844 | .0020692 | .0037424 | -.001064 | .0421371 | .1646083 |
| #2 | .0082977 | .0005594 | .0016837 | -.001196 | -.002226 | .0354718 | .1609694 |
| #3 | -.000406 | -.000747 | .0008980 | -.001598 | -.001657 | .0528386 | .1647516 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001083 | -.000047 | 96.47219 | -.000702 | -.001286 | .2059980 | -.016200 |
| Stddev | .0000615 | .000079  | 1.93878  | .000337  | .000152  | .0034455 | .003292  |
| %RSD   | 56.83957 | 166.4441 | 2.009679 | 47.93702 | 11.79104 | 1.672613 | 20.32117 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000392 | .000043  | 97.42675 | -.000592 | -.001160 | .2090247 | -.019034 |
| #2 | .0001284 | -.000102 | 94.24120 | -.001080 | -.001454 | .2067210 | -.012589 |
| #3 | .0001572 | -.000083 | 97.74862 | -.000434 | -.001244 | .2022483 | -.016978 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008685 | 17.25520 | .0049953 | .0009550 | 288.5514 | -.001110 | 1.543543 |
| Stddev | .0013386 | .24956   | .0002397 | .0001657 | 4.7235   | .003054  | .005119  |
| %RSD   | 154.1366 | 1.446287 | 4.797895 | 17.34912 | 1.636985 | 275.0636 | .3316220 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0024022 | 17.37039 | .0047189 | .0010159 | 290.2432 | .000944  | 1.544170 |
| #2 | -.000065 | 16.96885 | .0051458 | .0010816 | 283.2149 | .000345  | 1.538139 |
| #3 | .000268  | 17.42635 | .0051212 | .0007675 | 292.1961 | -.004620 | 1.548319 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.411498 | .7825792 | .0851149 | .0002333 | 12.91016 | 4.167573 | -.006113 |
| Stddev | .023805  | .0142716 | .0012884 | .0004012 | .18152   | .060689  | .001763  |
| %RSD   | .6977976 | 1.823660 | 1.513682 | 171.9999 | 1.406018 | 1.456210 | 28.83743 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.389648 | .7765149 | .0864564 | -.000159 | 12.83411 | 4.196015 | -.007452 |
| #2 | 3.407979 | .7723413 | .0838872 | .000643  | 12.77903 | 4.097886 | -.004116 |
| #3 | 3.436867 | .7988815 | .0850011 | .000217  | 13.11733 | 4.208817 | -.006772 |

Sample Name: K1973-01DUP      Acquired: 03/19/2019 19:23:51      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: KIT-SINK-39A Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.004049</b> | <b>-.002260</b> | <b>.3040292</b> |
| Stddev | .001746         | .001034         | .0039230        |
| %RSD   | 43.12818        | 45.75360        | 1.290341        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.005636</b> | <b>-.002915</b> | <b>.3059541</b> |
| #2 | <b>-.004333</b> | <b>-.002797</b> | <b>.2995156</b> |
| #3 | <b>-.002178</b> | <b>-.001068</b> | <b>.3066180</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2667.711</b> | <b>2860.341</b> | <b>59765.88</b> | <b>5550.503</b> | <b>4151.714</b> |
| Stddev    | 8.736           | 31.690          | 182.63          | 65.135          | 43.226          |
| %RSD      | .3274630        | 1.107922        | .3055755        | 1.173502        | 1.041158        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2677.304</b> | <b>2872.778</b> | <b>59828.65</b> | <b>5532.038</b> | <b>4163.491</b> |
| #2 | <b>2665.618</b> | <b>2883.926</b> | <b>59560.14</b> | <b>5622.877</b> | <b>4187.831</b> |
| #3 | <b>2660.212</b> | <b>2824.318</b> | <b>59908.84</b> | <b>5496.593</b> | <b>4103.820</b> |

Sample Name: K1973-01LX5      Acquired: 03/19/2019 19:27:39      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSA8042      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0031090 | -.000365 | .0007995 | .0021913 | -.001114 | -.003769 | .0293883 |
| Stddev | .0006169 | .000572  | .0024844 | .0018969 | .000608  | .007894  | .0009305 |
| %RSD   | 19.84113 | 156.8799 | 310.7597 | 86.56388 | 54.55765 | 209.4599 | 3.166313 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0036025 | -.000313 | .0010390 | .0039625 | -.001000 | -.008953 | .0301457 |
| #2 | .0024174 | -.000960 | .0031553 | .0001898 | -.001770 | .005317  | .0296697 |
| #3 | .0033071 | .000180  | -.001796 | .0024217 | -.000571 | -.007670 | .0283496 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000786 | -.000025 | 19.47752 | .0000368 | -.000475 | .0426452 | -.003870 |
| Stddev | .0000456 | .000032  | .04188   | .0003387 | .000339  | .0042019 | .012366  |
| %RSD   | 58.05654 | 127.4201 | .2150166 | 920.3959 | 71.37435 | 9.853187 | 319.4905 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001227 | .000012  | 19.43649 | .0002394 | -.000658 | .0394437 | .003077  |
| #2 | .0000316 | -.000041 | 19.47586 | -.000354 | -.000682 | .0474033 | .003459  |
| #3 | .0000815 | -.000046 | 19.52020 | .000225  | -.000084 | .0410886 | -.018147 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000103 | 3.493407 | .0010891 | .0009321 | 58.06453 | -.001367 | .3058359 |
| Stddev | .0019119 | .113563  | .0002339 | .0008490 | .36497   | .006218  | .0012425 |
| %RSD   | 18585.01 | 3.250778 | 21.48168 | 91.07905 | .6285566 | 454.8381 | .4062466 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000794 | 3.389465 | .0008457 | .0004725 | 57.79975 | .001025  | .3047970 |
| #2 | -.001368 | 3.614613 | .0011091 | .0019118 | 57.91299 | .003300  | .3054986 |
| #3 | .002193  | 3.476142 | .0013123 | .0004121 | 58.48086 | -.008426 | .3072122 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6837017 | .1466636 | .0130072 | .0003134 | 2.416750 | .8264602 | -.002414 |
| Stddev | .0349333 | .0015658 | .0009941 | .0000580 | .029414  | .0054548 | .001512  |
| %RSD   | 5.109442 | 1.067605 | 7.642347 | 18.51384 | 1.217092 | .6600255 | 62.62747 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6624884 | .1449794 | .0135745 | .0003738 | 2.404637 | .8217648 | -.003973 |
| #2 | .7240209 | .1469360 | .0118594 | .0002581 | 2.395327 | .8251719 | -.000955 |
| #3 | .6645958 | .1480752 | .0135877 | .0003083 | 2.450287 | .8324438 | -.002314 |

Sample Name: K1973-01LX5      Acquired: 03/19/2019 19:27:39      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSA8042      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0002727</b> | <b>-.002083</b> | <b>.0616898</b> |
| Stddev | .0003976        | .002528         | .0002856        |
| %RSD   | 145.8300        | 121.4004        | .4629900        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0002850</b> | <b>-.002704</b> | <b>.0620132</b> |
| #2 | <b>-.000131</b> | <b>-.004243</b> | <b>.0615843</b> |
| #3 | <b>.000664</b>  | <b>.000698</b>  | <b>.0614720</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2643.847</b> | <b>2891.149</b> | <b>59483.59</b> | <b>5474.360</b> | <b>4351.777</b> |
| Stddev    | 10.747          | 19.326          | 198.70          | 19.361          | 22.057          |
| %RSD      | .4064772        | .6684417        | .3340415        | .3536629        | .5068502        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2654.282</b> | <b>2902.936</b> | <b>59546.87</b> | <b>5485.090</b> | <b>4367.454</b> |
| #2 | <b>2632.814</b> | <b>2901.665</b> | <b>59260.96</b> | <b>5485.980</b> | <b>4361.323</b> |
| #3 | <b>2644.444</b> | <b>2868.846</b> | <b>59642.95</b> | <b>5452.010</b> | <b>4326.555</b> |

Sample Name: K1973-01MS      Acquired: 03/19/2019 19:31:28      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: KIT-SINK-39A Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8498706</b> | <b>2.066286</b> | <b>1.030995</b> | <b>2.085972</b> | <b>.8552809</b> | <b>2.170547</b> | <b>.3626303</b> |
| Stddev | .0092754        | .025738         | .014447         | .023716         | .0105207        | .010678         | .0008912        |
| %RSD   | 1.091390        | 1.245638        | 1.401298        | 1.136923        | 1.230090        | .4919619        | .2457566        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8438929 | 2.046188 | 1.020860 | 2.068856 | .8516120 | 2.182282 | .3634341 |
| #2 | .8451631 | 2.057374 | 1.024588 | 2.076017 | .8470859 | 2.167956 | .3627849 |
| #3 | .8605558 | 2.095296 | 1.047538 | 2.113043 | .8671448 | 2.161402 | .3616719 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2018394</b> | <b>.1985344</b> | <b>92.94720</b> | <b>.4049256</b> | <b>.2103726</b> | <b>.5165316</b> | <b>3.182878</b> |
| Stddev | .0029224        | .0023858        | .53335          | .0023559        | .0025013        | .0055510        | .023534         |
| %RSD   | 1.447862        | 1.201688        | .5738246        | .5818078        | 1.189000        | 1.074668        | .7393802        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2048739 | .1968896 | 93.46437 | .4074046 | .2092938 | .5138978 | 3.210052 |
| #2 | .1990438 | .1974430 | 92.97822 | .4046563 | .2085918 | .5229092 | 3.169144 |
| #3 | .2016005 | .2012707 | 92.39901 | .4027159 | .2132323 | .5127878 | 3.169438 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2145762</b> | <b>18.59481</b> | <b>.5336522</b> | <b>.0810045</b> | <b>277.5472</b> | <b>.3257214</b> | <b>1.654353</b> |
| Stddev | .0009377        | .15823          | .0069935        | .0008863        | 1.0496          | .0066904        | .005725         |
| %RSD   | .4369885        | .8509468        | 1.310502        | 1.094122        | .3781636        | 2.054031        | .3460272        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2150283 | 18.69664 | .5319730 | .0803385 | 278.4251 | .3318079 | 1.658407 |
| #2 | .2152023 | 18.41251 | .5276511 | .0820104 | 277.8318 | .3267987 | 1.647805 |
| #3 | .2134982 | 18.67527 | .5413324 | .0806645 | 276.3847 | .3185577 | 1.656847 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>14.16638</b> | <b>7.982442</b> | <b>.3842705</b> | <b>.4232451</b> | <b>11.95413</b> | <b>4.903215</b> | <b>.7504878</b> |
| Stddev | .04295          | .105515         | .0023303        | .0055772        | .14231          | .054428         | .0077240        |
| %RSD   | .3031579        | 1.321837        | .6064299        | 1.317718        | 1.190460        | 1.110043        | 1.029201        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.14466 | 7.934839 | .3864821 | .4201853 | 11.85269 | 4.960223 | .7477461 |
| #2 | 14.21585 | 7.909115 | .3818373 | .4198675 | 11.89289 | 4.851800 | .7445086 |
| #3 | 14.13864 | 8.103371 | .3844920 | .4296825 | 12.11680 | 4.897621 | .7592086 |

Sample Name: K1973-01MS      Acquired: 03/19/2019 19:31:28      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: KIT-SINK-39A Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2101662</b> | <b>.2026473</b> | <b>.4861753</b> |
| Stddev | .0018243        | .0011674        | .0004614        |
| %RSD   | .8680225        | .5760650        | .0949132        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2082332</b> | <b>.2027903</b> | <b>.4857097</b> |
| #2 | <b>.2104078</b> | <b>.2037366</b> | <b>.4866324</b> |
| #3 | <b>.2118577</b> | <b>.2014150</b> | <b>.4861839</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2703.737</b> | <b>2883.109</b> | <b>60594.13</b> | <b>5519.031</b> | <b>4189.039</b> |
| Stddev    | 18.580          | 28.054          | 625.29          | 24.779          | 46.962          |
| %RSD      | .6872000        | .9730313        | 1.031931        | .4489745        | 1.121076        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2724.167 | 2896.134 | 61089.49 | 5499.031 | 4209.001 |
| #2 | 2687.849 | 2902.282 | 59891.53 | 5546.751 | 4222.722 |
| #3 | 2699.196 | 2850.910 | 60801.35 | 5511.312 | 4135.393 |



Sample Name: K1973-01MSD      Acquired: 03/19/2019 19:35:08      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: KIT-SINK-39A Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8495092</b> | <b>2.062243</b> | <b>1.025873</b> | <b>2.079128</b> | <b>.8516058</b> | <b>2.153809</b> | <b>.3627362</b> |
| Stddev | .0102378        | .023978         | .011133         | .033263         | .0113437        | .017465         | .0024558        |
| %RSD   | 1.205144        | 1.162732        | 1.085182        | 1.599842        | 1.332030        | .8108829        | .6770124        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8408535 | 2.046035 | 1.018204 | 2.073849 | .8445227 | 2.138485 | .3655356 |
| #2 | .8468639 | 2.050906 | 1.020774 | 2.048821 | .8456052 | 2.150117 | .3609448 |
| #3 | .8608100 | 2.089787 | 1.038642 | 2.114715 | .8646894 | 2.172824 | .3617282 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2013296</b> | <b>.1982124</b> | <b>92.71500</b> | <b>.4023507</b> | <b>.2089795</b> | <b>.5160095</b> | <b>3.196728</b> |
| Stddev | .0015081        | .0020973        | 1.04822         | .0012091        | .0021066        | .0083516        | .008149         |
| %RSD   | .7490693        | 1.058117        | 1.130581        | .3005111        | 1.008044        | 1.618491        | .2549139        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2017936 | .1973365 | 93.29429 | .4020810 | .2073479 | .5256476 | 3.203174 |
| #2 | .2025511 | .1966949 | 93.34572 | .4012992 | .2082327 | .5114731 | 3.199440 |
| #3 | .1996440 | .2006057 | 91.50499 | .4036719 | .2113577 | .5109080 | 3.187568 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2122648</b> | <b>18.47891</b> | <b>.5309334</b> | <b>.0814784</b> | <b>276.7054</b> | <b>.3188143</b> | <b>1.658057</b> |
| Stddev | .0053839        | .11658          | .0058926        | .0006185        | 1.9766          | .0071348        | .001196         |
| %RSD   | 2.536389        | .6308701        | 1.109855        | .7591455        | .7143245        | 2.237926        | .0721256        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2133437 | 18.38606 | .5265151 | .0813612 | 278.6603 | .3230664 | 1.658848 |
| #2 | .2170275 | 18.60974 | .5286614 | .0809269 | 276.7479 | .3227994 | 1.656681 |
| #3 | .2064232 | 18.44094 | .5376238 | .0821472 | 274.7079 | .3105772 | 1.658641 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>14.05309</b> | <b>7.944236</b> | <b>.3843707</b> | <b>.4231774</b> | <b>11.96083</b> | <b>4.906190</b> | <b>.7514705</b> |
| Stddev | .13170          | .090934         | .0016376        | .0062739        | .15076          | .041526         | .0097628        |
| %RSD   | .9371756        | 1.144658        | .4260420        | 1.482573        | 1.260479        | .8464057        | 1.299160        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.20165 | 7.889257 | .3852085 | .4210637 | 11.88324 | 4.918985 | .7457186 |
| #2 | 14.00700 | 7.894254 | .3854199 | .4182333 | 11.86467 | 4.939812 | .7459501 |
| #3 | 13.95064 | 8.049199 | .3824837 | .4302352 | 12.13459 | 4.859771 | .7627428 |

Sample Name: K1973-01MSD      Acquired: 03/19/2019 19:35:08      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: KIT-SINK-39A Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2060746</b> | <b>.2005776</b> | <b>.4849406</b> |
| Stddev | .0025845        | .0015790        | .0027079        |
| %RSD   | 1.254142        | .7872301        | .5583946        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2090581</b> | <b>.2023739</b> | <b>.4873960</b> |
| #2 | <b>.2045248</b> | <b>.1994089</b> | <b>.4820363</b> |
| #3 | <b>.2046408</b> | <b>.1999499</b> | <b>.4853895</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2694.834</b> | <b>2876.666</b> | <b>60345.14</b> | <b>5506.832</b> | <b>4181.848</b> |
| Stddev    | 3.020           | 29.131          | 123.82          | 36.623          | 38.398          |
| %RSD      | .1120821        | 1.012673        | .2051924        | .6650505        | .9182013        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2698.284 | 2892.793 | 60284.14 | 5513.057 | 4204.590 |
| #2 | 2693.545 | 2894.166 | 60487.63 | 5467.496 | 4203.438 |
| #3 | 2692.671 | 2843.037 | 60263.66 | 5539.944 | 4137.515 |

Sample Name: K1973-01A      Acquired: 03/19/2019 19:38:48      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSAB8042      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8564854</b> | <b>2.081269</b> | <b>1.040850</b> | <b>2.101875</b> | <b>.8625696</b> | <b>2.183096</b> | <b>.3653606</b> |
| Stddev | .0099500        | .024412         | .010246         | .028562         | .0102119        | .014173         | .0013719        |
| %RSD   | 1.161719        | 1.172920        | .9843486        | 1.358900        | 1.183893        | .6492239        | .3754879        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8482751 | 2.071844 | 1.033839 | 2.078214 | .8547886 | 2.199197 | .3668142 |
| #2 | .8536303 | 2.062974 | 1.036103 | 2.093808 | .8587871 | 2.177586 | .3651789 |
| #3 | .8675508 | 2.108988 | 1.052608 | 2.133603 | .8741331 | 2.172506 | .3640886 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2034559</b> | <b>.2000578</b> | <b>93.60580</b> | <b>.4044633</b> | <b>.2121450</b> | <b>.5178186</b> | <b>3.217098</b> |
| Stddev | .0005762        | .0027076        | .11543          | .0008825        | .0031313        | .0057788        | .044020         |
| %RSD   | .2832069        | 1.353405        | .1233112        | .2181845        | 1.476022        | 1.115987        | 1.368318        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2030805 | .1980190 | 93.71000 | .4041545 | .2106411 | .5169887 | 3.260467 |
| #2 | .2041193 | .1990244 | 93.48172 | .4037767 | .2100492 | .5239674 | 3.218371 |
| #3 | .2031678 | .2031299 | 93.62567 | .4054587 | .2157445 | .5124996 | 3.172454 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2135592</b> | <b>18.66491</b> | <b>.5368420</b> | <b>.0817297</b> | <b>278.8357</b> | <b>.3251941</b> | <b>1.669192</b> |
| Stddev | .0019015        | .11886          | .0078229        | .0002572        | .2537           | .0054910        | .005091         |
| %RSD   | .8903656        | .6368233        | 1.457214        | .3146555        | .0909766        | 1.688536        | .3049991        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2156807 | 18.80059 | .5320739 | .0818361 | 278.6190 | .3307946 | 1.672210 |
| #2 | .2120085 | 18.61503 | .5325817 | .0814364 | 278.7734 | .3198195 | 1.663314 |
| #3 | .2129882 | 18.57912 | .5458704 | .0819166 | 279.1148 | .3249681 | 1.672052 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>14.25113</b> | <b>8.032002</b> | <b>.3900893</b> | <b>.4275717</b> | <b>12.07740</b> | <b>4.955030</b> | <b>.7522852</b> |
| Stddev | .00568          | .106495         | .0028985        | .0056783        | .18417          | .006730         | .0120226        |
| %RSD   | .0398276        | 1.325879        | .7430303        | 1.328032        | 1.524908        | .1358166        | 1.598137        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.25378 | 7.954182 | .3868870 | .4225122 | 11.98618 | 4.949373 | .7430449 |
| #2 | 14.25499 | 7.988454 | .3908474 | .4264897 | 11.95665 | 4.962473 | .7479330 |
| #3 | 14.24461 | 8.153369 | .3925333 | .4337131 | 12.28938 | 4.953245 | .7658778 |

Sample Name: K1973-01A      Acquired: 03/19/2019 19:38:48      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSAB8042      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2093457</b> | <b>.2013777</b> | <b>.4915084</b> |
| Stddev | .0045001        | .0019945        | .0009913        |
| %RSD   | 2.149602        | .9904438        | .2016840        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2131246</b> | <b>.2019133</b> | <b>.4924667</b> |
| #2 | <b>.2105450</b> | <b>.1991700</b> | <b>.4904871</b> |
| #3 | <b>.2043674</b> | <b>.2030497</b> | <b>.4915714</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2669.627</b> | <b>2848.825</b> | <b>59956.07</b> | <b>5448.462</b> | <b>4143.682</b> |
| Stddev    | 19.888          | 26.042          | 288.43          | 16.707          | 40.929          |
| %RSD      | .7449705        | .9141257        | .4810662        | .3066392        | .9877345        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2655.422</b> | <b>2864.143</b> | <b>59738.89</b> | <b>5434.965</b> | <b>4164.079</b> |
| #2 | <b>2692.356</b> | <b>2863.576</b> | <b>60283.33</b> | <b>5467.148</b> | <b>4170.405</b> |
| #3 | <b>2661.102</b> | <b>2818.756</b> | <b>59846.00</b> | <b>5443.274</b> | <b>4096.564</b> |

Sample Name: K1973-03      Acquired: 03/19/2019 19:42:28      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: KIT-SINK-53A Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0044266 | .0013034 | .0046306 | -.000059 | -.001012 | .0494509 | .1645705 |
| Stddev | .0035521 | .0001935 | .0012411 | .005919  | .001767  | .0140603 | .0006529 |
| %RSD   | 80.24408 | 14.84400 | 26.80164 | 10021.00 | 174.6088 | 28.43291 | .3967249 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0029666 | .0011265 | .0037159 | -.001596 | -.001627 | .0587639 | .1651473 |
| #2 | .0018371 | .0015100 | .0041326 | .006477  | -.002389 | .0332773 | .1638617 |
| #3 | .0084760 | .0012736 | .0060434 | -.005058 | .000980  | .0563116 | .1647026 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000672 | .0001902 | 97.21929 | -.002876 | -.001108 | 1.761325 | .1391119 |
| Stddev | .0000577 | .0000590 | .38608   | .000381  | .000039  | .005484  | .0129830 |
| %RSD   | 85.94749 | 31.01974 | .3971202 | 13.26193 | 3.488478 | .3113450 | 9.332792 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000005 | .0001805 | 97.37956 | -.002477 | -.001064 | 1.767209 | .1433637 |
| #2 | .0000989 | .0001366 | 97.49941 | -.002914 | -.001136 | 1.756357 | .1494360 |
| #3 | .0001020 | .0002534 | 96.77889 | -.003237 | -.001125 | 1.760407 | .1245361 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0160620 | 17.67452 | .0265020 | .0013134 | 284.1925 | -.004068 | 2.788619 |
| Stddev | .0002300 | .12714   | .0005188 | .0005742 | .6468    | .005479  | .004126  |
| %RSD   | 1.432071 | .7193181 | 1.957695 | 43.72112 | .2275952 | 134.6912 | .1479525 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0158843 | 17.76949 | .0264052 | .0015727 | 283.8193 | -.005259 | 2.790417 |
| #2 | .0163218 | 17.72398 | .0260383 | .0006553 | 284.9394 | -.008853 | 2.791541 |
| #3 | .0159799 | 17.53009 | .0270624 | .0017123 | 283.8189 | .001909  | 2.783899 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.569843 | .3983397 | .0895173 | .0000749 | 12.32492 | 4.370631 | -.005236 |
| Stddev | .054674  | .0084773 | .0012151 | .0001761 | .14612   | .019794  | .000927  |
| %RSD   | 1.531548 | 2.128169 | 1.357344 | 235.0488 | 1.185592 | .4528924 | 17.69396 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.624492 | .3909454 | .0903431 | .0001700 | 12.21614 | 4.390497 | -.004641 |
| #2 | 3.569891 | .3964819 | .0900868 | .0001831 | 12.26762 | 4.370487 | -.006304 |
| #3 | 3.515144 | .4075919 | .0881221 | -.000128 | 12.49101 | 4.350909 | -.004764 |

Sample Name: K1973-03      Acquired: 03/19/2019 19:42:28      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: KIT-SINK-53A Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.002747</b> | <b>-.001100</b> | <b>.3085133</b> |
| Stddev | .002271         | .002321         | .0018679        |
| %RSD   | 82.66889        | 210.9509        | .6054542        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.003341</b> | <b>.000482</b>  | <b>.3106562</b> |
| #2 | <b>-.000238</b> | <b>-.000018</b> | <b>.3072297</b> |
| #3 | <b>-.004663</b> | <b>-.003765</b> | <b>.3076541</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2671.515</b> | <b>2847.838</b> | <b>60057.71</b> | <b>5479.064</b> | <b>4151.612</b> |
| Stddev    | 8.610           | 28.607          | 247.17          | 28.000          | 39.444          |
| %RSD      | .3222827        | 1.004501        | .4115474        | .5110278        | .9501008        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2662.413</b> | <b>2865.814</b> | <b>59880.02</b> | <b>5446.811</b> | <b>4176.854</b> |
| #2 | <b>2679.529</b> | <b>2862.851</b> | <b>60339.98</b> | <b>5493.244</b> | <b>4171.824</b> |
| #3 | <b>2672.604</b> | <b>2814.851</b> | <b>59953.14</b> | <b>5497.137</b> | <b>4106.158</b> |

Sample Name: CCV10      Acquired: 03/19/2019 19:46:16      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCV14710      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.004941</b> | <b>4.929301</b> | <b>4.828483</b> | <b>4.951240</b> | <b>5.045186</b> | <b>9.706822</b> | <b>9.966606</b> |
| Stddev | .072231         | .085046         | .075801         | .083239         | .080120         | .032742         | .010093         |
| %RSD   | 1.443184        | 1.725314        | 1.569862        | 1.681172        | 1.588050        | .3373067        | .1012686        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.951048 | 4.854674 | 4.771532 | 4.880009 | 4.984801 | 9.700476 | 9.972223 |
| #2 | 4.976762 | 4.911335 | 4.799399 | 4.930969 | 5.014678 | 9.677718 | 9.972640 |
| #3 | 5.087014 | 5.021895 | 4.914519 | 5.042742 | 5.136078 | 9.742272 | 9.954954 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2635986</b> | <b>2.492430</b> | <b>24.59516</b> | <b>.9456867</b> | <b>2.439367</b> | <b>1.242625</b> | <b>5.348197</b> |
| Stddev | .0008479        | .038430         | .09843          | .0014569        | .040763         | .001289         | .062959         |
| %RSD   | .3216820        | 1.541868        | .4001813        | .1540612        | 1.671051        | .1037409        | 1.177193        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2644817 | 2.458838 | 24.56147 | .9469338 | 2.406858 | 1.241666 | 5.303269 |
| #2 | .2627908 | 2.484115 | 24.51800 | .9440853 | 2.426145 | 1.242118 | 5.321165 |
| #3 | .2635234 | 2.534337 | 24.70601 | .9460410 | 2.485101 | 1.244090 | 5.420157 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.468365</b> | <b>25.32358</b> | <b>2.447435</b> | <b>1.224486</b> | <b>24.59961</b> | <b>2.440757</b> | <b>2.482465</b> |
| Stddev | .013373         | .22686          | .039157         | .006455         | .02942          | .028361         | .007152         |
| %RSD   | .5417874        | .8958356        | 1.599924        | .5271627        | .1195966        | 1.161987        | .2880863        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.465384 | 25.34593 | 2.416175 | 1.218911 | 24.62003 | 2.449391 | 2.475554 |
| #2 | 2.456734 | 25.08638 | 2.434774 | 1.222989 | 24.61291 | 2.409082 | 2.489835 |
| #3 | 2.482978 | 25.53844 | 2.491356 | 1.231558 | 24.56588 | 2.463798 | 2.482007 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>24.48313</b> | <b>5.470407</b> | <b>4.655705</b> | <b>4.968852</b> | <b>4.884305</b> | <b>4.588009</b> | <b>4.806276</b> |
| Stddev | .12939          | .075199         | .008542         | .084158         | .083392         | .000950         | .071528         |
| %RSD   | .5285037        | 1.374656        | .1834787        | 1.693721        | 1.707337        | .0207035        | 1.488227        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.34982 | 5.409089 | 4.653843 | 4.899640 | 4.809149 | 4.589081 | 4.749217 |
| #2 | 24.49135 | 5.447822 | 4.648246 | 4.944383 | 4.869750 | 4.587673 | 4.783088 |
| #3 | 24.60821 | 5.554311 | 4.665024 | 5.062534 | 4.974016 | 4.587272 | 4.886521 |

Sample Name: CCV10      Acquired: 03/19/2019 19:46:16      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCV14710      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.909984 | 4.823307 | 4.804670 |
| Stddev | .004784  | .015011  | .001553  |
| %RSD   | .0974308 | .3112258 | .0323297 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.905403 | 4.806220 | 4.806456 |
| #2 | 4.909602 | 4.834374 | 4.803914 |
| #3 | 4.914947 | 4.829327 | 4.803638 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2640.497 | 2853.758 | 59389.32 | 5474.952 | 4251.079 |
| Stddev    | 14.555   | 29.453   | 270.81   | 16.015   | 39.907   |
| %RSD      | .5512068 | 1.032091 | .4559932 | .2925050 | .9387506 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2655.832 | 2871.386 | 59586.55 | 5473.503 | 4278.877 |
| #2 | 2638.786 | 2870.133 | 59500.85 | 5491.642 | 4269.007 |
| #3 | 2626.874 | 2819.756 | 59080.55 | 5459.711 | 4205.352 |



Sample Name: CCB10      Acquired: 03/19/2019 19:49:48      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000941</b> | <b>.0009582</b> | <b>.0010850</b> | <b>.0038003</b> | <b>-.001568</b> | <b>-.022189</b> | <b>-.004496</b> |
| Stddev | .002151         | .0012161        | .0000439        | .0023855        | .000806         | .007197         | .000740         |
| %RSD   | 228.6761        | 126.9203        | 4.041523        | 62.77218        | 51.39718        | 32.43577        | 16.45363        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001510</b> | <b>-.000416</b> | <b>.0010541</b> | <b>.0013304</b> | <b>-.000991</b> | <b>-.029293</b> | <b>-.003704</b> |
| #2 | <b>.001438</b>  | <b>.001395</b>  | <b>.0010657</b> | <b>.0060914</b> | <b>-.001224</b> | <b>-.022372</b> | <b>-.004617</b> |
| #3 | <b>-.002749</b> | <b>.001895</b>  | <b>.0011351</b> | <b>.0039791</b> | <b>-.002489</b> | <b>-.014902</b> | <b>-.005168</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000515</b> | <b>.0000282</b> | <b>-.016223</b> | <b>-.000049</b> | <b>.0000334</b> | <b>.0031239</b> | <b>.0115207</b> |
| Stddev | .0000166        | .0000783        | .016802         | .000390         | .0002613        | .0027247        | .0165303        |
| %RSD   | 32.17979        | 277.9261        | 103.5662        | 801.4651        | 781.2448        | 87.22319        | 143.4830        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000330</b> | <b>-.000017</b> | <b>-.027983</b> | <b>.000164</b>  | <b>.0003342</b> | <b>.0000594</b> | <b>-.007411</b> |
| #2 | <b>.0000650</b> | <b>.000119</b>  | <b>.003020</b>  | <b>-.000498</b> | <b>-.000137</b> | <b>.0052734</b> | <b>.023096</b>  |
| #3 | <b>.0000565</b> | <b>-.000017</b> | <b>-.023707</b> | <b>.000189</b>  | <b>-.000097</b> | <b>.0040388</b> | <b>.018876</b>  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000191</b> | <b>.0202568</b> | <b>.0002504</b> | <b>.0002235</b> | <b>-.170619</b> | <b>.0042369</b> | <b>-.000347</b> |
| Stddev | .002505         | .0230409        | .0001191        | .0004418        | .277313         | .0034760        | .000097         |
| %RSD   | 1307.935        | 113.7438        | 47.54324        | 197.6812        | 162.5335        | 82.04047        | 27.96392        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.002268</b>  | <b>.0013369</b> | <b>.0003005</b> | <b>.0007130</b> | <b>-.080675</b> | <b>.0055207</b> | <b>-.000411</b> |
| #2 | <b>-.000103</b> | <b>.0459159</b> | <b>.0001145</b> | <b>-.000146</b> | <b>-.481739</b> | <b>.0003016</b> | <b>-.000235</b> |
| #3 | <b>-.002739</b> | <b>.0135177</b> | <b>.0003364</b> | <b>.000103</b>  | <b>.050558</b>  | <b>.0068885</b> | <b>-.000393</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.015029</b> | <b>-.004968</b> | <b>.0047347</b> | <b>.0002066</b> | <b>-.002629</b> | <b>.0025785</b> | <b>-.000093</b> |
| Stddev | .034112         | .001597         | .0014591        | .0001849        | .001056         | .0014129        | .000758         |
| %RSD   | 226.9732        | 32.14848        | 30.81654        | 89.48613        | 40.15555        | 54.79666        | 816.5528        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.013299</b> | <b>-.003450</b> | <b>.0063284</b> | <b>.0001377</b> | <b>-.002076</b> | <b>.0035532</b> | <b>.000260</b>  |
| #2 | <b>-.049972</b> | <b>-.006634</b> | <b>.0044114</b> | <b>.0004160</b> | <b>-.001966</b> | <b>.0009581</b> | <b>-.000963</b> |
| #3 | <b>.018185</b>  | <b>-.004819</b> | <b>.0034645</b> | <b>.0000661</b> | <b>-.003847</b> | <b>.0032242</b> | <b>.000425</b>  |

Sample Name: CCB10      Acquired: 03/19/2019 19:49:48      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001140</b> | <b>.0021287</b> | <b>.0001362</b> |
| Stddev | .000875         | .0013725        | .0000446        |
| %RSD   | 76.75830        | 64.47366        | 32.74647        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.001134</b> | <b>.0006240</b> | <b>.0001685</b> |
| #2 | <b>-.000268</b> | <b>.0024504</b> | <b>.0000853</b> |
| #3 | <b>-.002018</b> | <b>.0033118</b> | <b>.0001547</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2676.583</b> | <b>2915.484</b> | <b>59353.73</b> | <b>5484.757</b> | <b>4375.204</b> |
| Stddev    | 13.342          | 29.140          | 195.80          | 79.591          | 42.745          |
| %RSD      | .4984892        | .9994941        | .3298917        | 1.451139        | .9769764        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2664.474</b> | <b>2912.509</b> | <b>59209.63</b> | <b>5423.180</b> | <b>4375.955</b> |
| #2 | <b>2674.390</b> | <b>2945.998</b> | <b>59274.90</b> | <b>5574.630</b> | <b>4417.568</b> |
| #3 | <b>2690.887</b> | <b>2887.946</b> | <b>59576.66</b> | <b>5456.460</b> | <b>4332.089</b> |

Sample Name: K1973-05      Acquired: 03/19/2019 19:53:41      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: KIT-SINK-49A Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019370 | .0024485 | .0073916 | -.001795 | -.000907 | .0649241 | .1595894 |
| Stddev | .0028833 | .0012383 | .0007154 | .000346  | .001619  | .0087371 | .0003868 |
| %RSD   | 148.8519 | 50.57173 | 9.678378 | 19.28741 | 178.5003 | 13.45745 | .2423426 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004259 | .0025442 | .0081641 | -.002154 | -.002297 | .0650355 | .1599330 |
| #2 | .0001234 | .0036362 | .0067520 | -.001766 | .000871  | .0736050 | .1596647 |
| #3 | .0052618 | .0011652 | .0072586 | -.001464 | -.001295 | .0561318 | .1591706 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000581 | .0000611 | 97.66884 | -.000748 | -.000692 | .1408762 | .9727227 |
| Stddev | .0000533 | .0000412 | .78085   | .000356  | .000079  | .0049117 | .0285860 |
| %RSD   | 91.80341 | 67.49038 | .7994890 | 47.59063 | 11.40397 | 3.486558 | 2.938765 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000661 | .0000267 | 98.45284 | -.000696 | -.000714 | .1462344 | .9847846 |
| #2 | .0001070 | .0001068 | 96.89118 | -.001128 | -.000758 | .1365870 | .9933008 |
| #3 | .0000012 | .0000497 | 97.66249 | -.000421 | -.000605 | .1398073 | .9400826 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0095103 | 19.00303 | .0122936 | .0005095 | 294.2985 | -.002369 | 2.217913 |
| Stddev | .0015658 | .08759   | .0005571 | .0004963 | .9808    | .001554  | .010926  |
| %RSD   | 16.46472 | .4609200 | 4.531308 | 97.40335 | .3332683 | 65.61592 | .4926458 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0100252 | 19.09478 | .0117748 | .0001281 | 294.7207 | -.003130 | 2.205985 |
| #2 | .0107538 | 18.92030 | .0122237 | .0003299 | 293.1773 | -.003396 | 2.220315 |
| #3 | .0077518 | 18.99401 | .0128823 | .0010706 | 294.9975 | -.000581 | 2.227438 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.565702 | .7835595 | .0975264 | .0001135 | 12.79339 | 4.403189 | -.006042 |
| Stddev | .062362  | .0084269 | .0012326 | .0002025 | .15361   | .051276  | .000517  |
| %RSD   | 1.748946 | 1.075470 | 1.263847 | 178.4721 | 1.200729 | 1.164511 | 8.551569 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.499630 | .7785433 | .0985379 | .0003247 | 12.75176 | 4.418348 | -.005481 |
| #2 | 3.623535 | .7788468 | .0961535 | -.000079 | 12.66489 | 4.346043 | -.006147 |
| #3 | 3.573942 | .7932886 | .0978878 | .000095  | 12.96353 | 4.445176 | -.006498 |

Sample Name: K1973-05      Acquired: 03/19/2019 19:53:41      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: KIT-SINK-49A Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.006427</b> | <b>.0002510</b> | <b>.3073807</b> |
| Stddev | .001563         | .0010506        | .0002904        |
| %RSD   | 24.32267        | 418.5331        | .0944800        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.005562</b> | <b>-.000780</b> | <b>.3074101</b> |
| #2 | <b>-.005487</b> | <b>.000213</b>  | <b>.3070767</b> |
| #3 | <b>-.008231</b> | <b>.001320</b>  | <b>.3076553</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2717.340</b> | <b>2877.339</b> | <b>60804.66</b> | <b>5507.512</b> | <b>4190.019</b> |
| Stddev    | 19.510          | 37.824          | 412.07          | 46.984          | 51.031          |
| %RSD      | .7179851        | 1.314554        | .6776874        | .8530835        | 1.217916        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2722.034</b> | <b>2894.912</b> | <b>60780.96</b> | <b>5469.538</b> | <b>4213.150</b> |
| #2 | <b>2695.912</b> | <b>2903.180</b> | <b>60404.95</b> | <b>5560.054</b> | <b>4225.389</b> |
| #3 | <b>2734.075</b> | <b>2833.925</b> | <b>61228.06</b> | <b>5492.944</b> | <b>4131.519</b> |

Sample Name: K1973-07      Acquired: 03/19/2019 19:57:29      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BR-SINK-33A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0036312 | .0011598 | .0038836 | .0029853 | -.002726 | .0591308 | .1596872 |
| Stddev | .0039568 | .0004894 | .0006869 | .0057897 | .001680  | .0094630 | .0011767 |
| %RSD   | 108.9645 | 42.19194 | 17.68767 | 193.9400 | 61.62334 | 16.00344 | .7368496 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0032204 | .0014692 | .0046760 | .0090410 | -.002882 | .0627080 | .1595633 |
| #2 | -.000104 | .0005957 | .0034577 | -.002496 | -.000973 | .0484007 | .1609209 |
| #3 | .007777  | .0014146 | .0035170 | .002410  | -.004322 | .0662838 | .1585773 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000937 | -.000013 | 93.07867 | -.000063 | -.001316 | .2189838 | .0329142 |
| Stddev | .0000460 | .000111  | .12595   | .000155  | .000161  | .0006383 | .0059184 |
| %RSD   | 49.06215 | 824.8011 | .1353178 | 246.0204 | 12.22427 | .2914832 | 17.98137 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001448 | -.000141 | 93.04212 | -.000217 | -.001403 | .2182470 | .0269769 |
| #2 | .0000808 | .000065  | 93.21885 | -.000064 | -.001415 | .2193329 | .0388136 |
| #3 | .0000556 | .000035  | 92.97502 | .000092  | -.001131 | .2193713 | .0329521 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010024 | 16.65693 | .0068565 | .0012871 | 279.4660 | -.001675 | .8146063 |
| Stddev | .0004853 | .09463   | .0002840 | .0005417 | .2075    | .002462  | .0078267 |
| %RSD   | 48.41042 | .5680883 | 4.141988 | 42.08420 | .0742371 | 146.9792 | .9607929 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015133 | 16.68218 | .0069994 | .0017686 | 279.3934 | -.001812 | .8096017 |
| #2 | .0009461 | 16.55223 | .0070407 | .0007006 | 279.7000 | .000853  | .8236257 |
| #3 | .0005477 | 16.73636 | .0065294 | .0013923 | 279.3046 | -.004065 | .8105915 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.327460 | .7292989 | .0829161 | .0004974 | 12.19946 | 3.956279 | .0038957 |
| Stddev | .053674  | .0085936 | .0009315 | .0001985 | .11614   | .022895  | .0005843 |
| %RSD   | 1.613064 | 1.178336 | 1.123400 | 39.90703 | .9520438 | .5786931 | 14.99796 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.378880 | .7253019 | .0838402 | .0004982 | 12.14393 | 3.934247 | .0034155 |
| #2 | 3.331717 | .7234318 | .0829307 | .0006956 | 12.12150 | 3.979948 | .0037253 |
| #3 | 3.271785 | .7391630 | .0819774 | .0002986 | 12.33294 | 3.954641 | .0045462 |

Sample Name: K1973-07      Acquired: 03/19/2019 19:57:29      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: BR-SINK-33A      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.002594</b> | <b>-.003149</b> | <b>.2947371</b> |
| Stddev | .000659         | .000389         | .0012459        |
| %RSD   | 25.42355        | 12.35305        | .4227262        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002167</b> | <b>-.003591</b> | <b>.2961616</b> |
| #2 | <b>-.003354</b> | <b>-.002862</b> | <b>.2941990</b> |
| #3 | <b>-.002261</b> | <b>-.002993</b> | <b>.2938506</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2685.004</b> | <b>2883.606</b> | <b>60180.88</b> | <b>5532.984</b> | <b>4211.223</b> |
| Stddev    | 12.527          | 21.848          | 269.35          | 5.078           | 25.436          |
| %RSD      | .4665488        | .7576788        | .4475637        | .0917715        | .6040088        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2691.366</b> | <b>2898.150</b> | <b>60480.50</b> | <b>5527.827</b> | <b>4224.645</b> |
| #2 | <b>2670.573</b> | <b>2894.187</b> | <b>59958.83</b> | <b>5537.978</b> | <b>4227.137</b> |
| #3 | <b>2693.073</b> | <b>2858.482</b> | <b>60103.31</b> | <b>5533.147</b> | <b>4181.887</b> |

Sample Name: K1973-09      Acquired: 03/19/2019 20:01:17      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: KIT-SINK-25A Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004699 | .0010516 | .0033380 | .0002229 | -.002058 | .0273196 | .1488444 |
| Stddev | .0037987 | .0015280 | .0010354 | .0014437 | .001259  | .0126993 | .0009161 |
| %RSD   | 808.3558 | 145.2969 | 31.01731 | 647.7271 | 61.15333 | 46.48444 | .6155017 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0048555 | .0026880 | .0045261 | .0007350 | -.003379 | .0356172 | .1486112 |
| #2 | -.001653 | -.000338 | .0026283 | -.001407 | -.001923 | .0336414 | .1498546 |
| #3 | -.001793 | .000805  | .0028597 | .001341  | -.000872 | .0127001 | .1480674 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001029 | .0000680 | 90.72744 | -.001638 | -.000969 | .8376825 | .0275284 |
| Stddev | .0000444 | .0000634 | .27469   | .000319  | .000024  | .0014918 | .0138076 |
| %RSD   | 43.14050 | 93.14808 | .3027686 | 19.49304 | 2.494686 | .1780902 | 50.15763 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000942 | .0001327 | 90.84307 | -.001320 | -.000962 | .8388746 | .0434720 |
| #2 | .0001510 | .0000654 | 90.92543 | -.001635 | -.000996 | .8381633 | .0195146 |
| #3 | .0000636 | .0000060 | 90.41384 | -.001959 | -.000949 | .8360095 | .0195987 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0134424 | 16.62559 | .0190641 | .0014409 | 268.1390 | -.005165 | 2.026333 |
| Stddev | .0005435 | .19777   | .0006571 | .0002304 | 1.0035   | .005281  | .005083  |
| %RSD   | 4.042906 | 1.189527 | 3.446893 | 15.99166 | .3742629 | 102.2463 | .2508548 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0140359 | 16.45684 | .0183177 | .0014429 | 268.3509 | .000468  | 2.032112 |
| #2 | .0129691 | 16.57671 | .0193192 | .0012094 | 269.0196 | -.010004 | 2.024333 |
| #3 | .0133223 | 16.84321 | .0195555 | .0016702 | 267.0464 | -.005958 | 2.022553 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.223420 | .5157956 | .0801180 | -.000064 | 11.36601 | 3.975595 | -.006024 |
| Stddev | .032805  | .0045268 | .0004372 | .000033  | .19945   | .000958  | .001319  |
| %RSD   | 1.017716 | .8776322 | .5457371 | 51.71752 | 1.754762 | .0241000 | 21.89603 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.254809 | .5137793 | .0799210 | -.000031 | 11.19579 | 3.974687 | -.005939 |
| #2 | 3.226089 | .5126273 | .0798139 | -.000065 | 11.31678 | 3.976597 | -.007383 |
| #3 | 3.189362 | .5209802 | .0806191 | -.000097 | 11.58546 | 3.975503 | -.004749 |

Sample Name: K1973-09      Acquired: 03/19/2019 20:01:17      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: KIT-SINK-25A Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.004099</b> | <b>-.004510</b> | <b>.2867612</b> |
| Stddev | .001221         | .000974         | .0004573        |
| %RSD   | 29.78306        | 21.60368        | .1594726        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.003770</b> | <b>-.003387</b> | <b>.2864412</b> |
| #2 | <b>-.005451</b> | <b>-.005021</b> | <b>.2872850</b> |
| #3 | <b>-.003077</b> | <b>-.005123</b> | <b>.2865574</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2706.166</b> | <b>2902.851</b> | <b>60714.20</b> | <b>5600.670</b> | <b>4241.130</b> |
| Stddev    | 25.629          | 27.284          | 468.86          | 33.738          | 45.141          |
| %RSD      | .9470561        | .9398947        | .7722454        | .6023888        | 1.064362        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2677.104</b> | <b>2922.566</b> | <b>60186.93</b> | <b>5561.781</b> | <b>4274.990</b> |
| #2 | <b>2725.534</b> | <b>2914.275</b> | <b>61084.23</b> | <b>5618.123</b> | <b>4258.519</b> |
| #3 | <b>2715.859</b> | <b>2871.712</b> | <b>60871.44</b> | <b>5622.107</b> | <b>4189.880</b> |



Sample Name: K1973-11      Acquired: 03/19/2019 20:05:06      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: KIT-SINK-76A Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0031075</b> | <b>.0011839</b> | <b>.0040789</b> | <b>.0001070</b> | <b>-.002342</b> | <b>.0526767</b> | <b>.1593833</b> |
| Stddev | .0040206        | .0023424        | .0004078        | .0019460        | .001133         | .0045251        | .0009566        |
| %RSD   | 129.3832        | 197.8488        | 9.998858        | 1818.760        | 48.38182        | 8.590350        | .6002228        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0020179 | .0019835 | .0036141 | .0008392 | -.003649 | .0477332 | .1602539 |
| #2 | .0075607 | -.001454 | .0043769 | .0015807 | -.001738 | .0536828 | .1595369 |
| #3 | -.000256 | .003022  | .0042457 | -.002099 | -.001638 | .0566141 | .1583592 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000536</b> | <b>-.000014</b> | <b>90.65290</b> | <b>-.003440</b> | <b>-.001051</b> | <b>.2630785</b> | <b>-.011590</b> |
| Stddev | .0000344        | .000127         | .29621          | .000533         | .000073         | .0080457        | .029444         |
| %RSD   | 64.17056        | 893.2414        | .3267539        | 15.49646        | 6.985898        | 3.058273        | 254.0464        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000352 | -.000068 | 90.31191 | -.003071 | -.001117 | .2550958 | -.045463 |
| #2 | .0000323 | .000131  | 90.84661 | -.003198 | -.001064 | .2629542 | .007881  |
| #3 | .0000933 | -.000105 | 90.80017 | -.004051 | -.000972 | .2711857 | .002812  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0093154</b> | <b>16.31972</b> | <b>.0057030</b> | <b>.0011714</b> | <b>253.5542</b> | <b>-.005953</b> | <b>4.430382</b> |
| Stddev | .0003347        | .14992          | .0001458        | .0005360        | .9081           | .003042         | .033015         |
| %RSD   | 3.592839        | .9186326        | 2.556946        | 45.75530        | .3581635        | 51.09494        | .7451890        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0094813 | 16.47894 | .0057771 | .0008920 | 252.5150 | -.008942 | 4.467494 |
| #2 | .0089301 | 16.18127 | .0057969 | .0017894 | 253.9523 | -.002861 | 4.404276 |
| #3 | .0095347 | 16.29896 | .0055350 | .0008329 | 254.1953 | -.006057 | 4.419375 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.383554</b> | <b>.6020859</b> | <b>.0819070</b> | <b>-.000264</b> | <b>11.34784</b> | <b>4.192392</b> | <b>-.005292</b> |
| Stddev | .031846         | .0088010        | .0015058        | .000216         | .17011          | .045008         | .000305         |
| %RSD   | .9412035        | 1.461744        | 1.838380        | 81.83803        | 1.499052        | 1.073568        | 5.760147        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.419521 | .5953807 | .0802441 | -.000026 | 11.27167 | 4.145065 | -.005234 |
| #2 | 3.372202 | .5988252 | .0822989 | -.000317 | 11.22912 | 4.197457 | -.005622 |
| #3 | 3.358940 | .6120519 | .0831782 | -.000448 | 11.54272 | 4.234653 | -.005020 |

Sample Name: K1973-11      Acquired: 03/19/2019 20:05:06      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: KIT-SINK-76A Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.003950</b> | <b>-.004423</b> | <b>.2866327</b> |
| Stddev | .002343         | .001765         | .0013821        |
| %RSD   | 59.31844        | 39.90812        | .4821890        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.006645</b> | <b>-.006427</b> | <b>.2865515</b> |
| #2 | <b>-.002394</b> | <b>-.003747</b> | <b>.2880536</b> |
| #3 | <b>-.002811</b> | <b>-.003097</b> | <b>.2852929</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2728.480</b> | <b>2924.163</b> | <b>61181.38</b> | <b>5612.443</b> | <b>4287.036</b> |
| Stddev    | 36.382          | 25.850          | 699.78          | 40.898          | 31.793          |
| %RSD      | 1.333409        | .8840103        | 1.143778        | .7287104        | .7416109        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2687.313</b> | <b>2929.962</b> | <b>60396.11</b> | <b>5656.110</b> | <b>4293.812</b> |
| #2 | <b>2741.813</b> | <b>2946.621</b> | <b>61409.05</b> | <b>5606.184</b> | <b>4314.895</b> |
| #3 | <b>2756.315</b> | <b>2895.906</b> | <b>61738.97</b> | <b>5575.035</b> | <b>4252.401</b> |

Sample Name: K1978-01      Acquired: 03/19/2019 20:08:55      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: COMPOSITE-ME      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0051759 | -.020995 | -.011528 | .0139395 | .0037748 | .1085456 |
| Stddev | .0060394 | .003001  | .001640  | .0041334 | .0015135 | .0107265 |
| %RSD   | 116.6826 | 14.29571 | 14.22619 | 29.65272 | 40.09374 | 9.881991 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0030415 | -.017818 | -.011011 | .0092695 | .0044254 | .0972170 |
| #2 | .0119927 | -.023783 | -.013364 | .0154211 | .0020448 | .1185463 |
| #3 | .0004936 | -.021384 | -.010209 | .0171279 | .0048541 | .1098736 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0579898 | .0000736 | -.000677 | 283.9562 | .0171991 | .1163571 |
| Stddev | .0005833 | .0000333 | .000148  | 3.3606   | .0009239 | .0020114 |
| %RSD   | 1.005810 | 45.26921 | 21.93373 | 1.183494 | 5.371686 | 1.728654 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0574151 | .0000404 | -.000506 | 285.9197 | .0162377 | .1155097 |
| #2 | .0585813 | .0000733 | -.000745 | 285.8731 | .0180803 | .1149080 |
| #3 | .0579729 | .0001070 | -.000778 | 280.0758 | .0172791 | .1186535 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0135168 | .0240309 | -.001436 | 14.24896 | .1528502 | .0017449 |
| Stddev | .0061618 | .0218682 | .001538  | .12829   | .0019941 | .0005833 |
| %RSD   | 45.58665 | 91.00051 | 107.1173 | .9003638 | 1.304630 | 33.42552 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0137665 | .0479859 | -.000730 | 14.11963 | .1529143 | .0014851 |
| #2 | .0072339 | .0189698 | -.003200 | 14.25108 | .1508249 | .0013368 |
| #3 | .0195500 | .0051370 | -.000377 | 14.37619 | .1548116 | .0024129 |

|        |            |          |          |            |          |          |
|--------|------------|----------|----------|------------|----------|----------|
| Elem   | Na8183     | V_2924   | Zn2138   | K_7698     | P_1774   | B_2496   |
| Units  | ppm        | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | F 100504.1 | -.009100 | .1740101 | F 410.3167 | .0325983 | .2245450 |
| Stddev | 738.2      | .009770  | .0006732 | 1.3883     | .0055422 | .0023274 |
| %RSD   | .7345069   | 107.3603 | .3868818 | .3383568   | 17.00162 | 1.036490 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 101343.8 | -.012753 | .1736159 | 409.1182 | .0264271 | .2267463 |
| #2 | 99957.3  | .001970  | .1736270 | 409.9939 | .0371514 | .2247794 |
| #3 | 100211.1 | -.016517 | .1747875 | 411.8380 | .0342164 | .2221093 |

Sample Name: K1978-01      Acquired: 03/19/2019 20:08:55      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: COMPOSITE-ME Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2939631</b> | <b>5665.522</b> | <b>2.210851</b> | <b>-.009729</b> | <b>-.010549</b> | <b>.0867633</b> |
| Stddev | .0042047        | 54.110          | .019021         | .001164         | .003326         | .0010396        |
| %RSD   | 1.430341        | .9550792        | .8603568        | 11.96818        | 31.53203        | 1.198154        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2924819 | 5660.196 | 2.231991 | -.009830 | -.006737 | .0867398 |
| #2 | .2906995 | 5614.272 | 2.205443 | -.008517 | -.012049 | .0878145 |
| #3 | .2987080 | 5722.098 | 2.195119 | -.010839 | -.012860 | .0857357 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.5198541</b> |
| Stddev | .0045259        |
| %RSD   | .8706161        |

|    |          |
|----|----------|
| #1 | .5246813 |
| #2 | .5191749 |
| #3 | .5157062 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1561.157</b> | <b>1572.880</b> | <b>32196.04</b> | <b>3453.509</b> | <b>1679.889</b> |
| Stddev    | 17.108          | 11.491          | 166.56          | 21.048          | 12.306          |
| %RSD      | 1.095857        | .7305445        | .5173445        | .6094805        | .7325590        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1545.586 | 1576.347 | 32007.91 | 3429.259 | 1681.192 |
| #2 | 1579.471 | 1582.237 | 32324.74 | 3464.222 | 1691.492 |
| #3 | 1558.413 | 1560.055 | 32255.48 | 3467.046 | 1666.983 |

Sample Name: K1941-04      Acquired: 03/19/2019 20:12:56      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: T-2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0044019 | -.002471 | .0007521 | .0044299 | .0009493 | .0277800 | .0441084 |
| Stddev | .0031951 | .002056  | .0010571 | .0011686 | .0012572 | .0162528 | .0011934 |
| %RSD   | 72.58518 | 83.19509 | 140.5550 | 26.37890 | 132.4406 | 58.50514 | 2.705510 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0079437 | -.004805 | .0000618 | .0031291 | -.000040 | .0189842 | .0427330 |
| #2 | .0017361 | -.000931 | .0002254 | .0053910 | .000524  | .0178208 | .0447227 |
| #3 | .0035259 | -.001676 | .0019690 | .0047697 | .002364  | .0465351 | .0448694 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000270 | .0000258 | 95.93220 | .0109347 | -.001694 | .0021162 | .0630499 |
| Stddev | .000053  | .0000362 | .89630   | .0002492 | .000326  | .0040461 | .0037137 |
| %RSD   | 19.67901 | 140.1888 | .9343016 | 2.278563 | 19.25814 | 191.1949 | 5.890170 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000272 | -.000013 | 94.95567 | .0108177 | -.001963 | -.001961 | .0589878 |
| #2 | -.000321 | .000031  | 96.12358 | .0112208 | -.001331 | .002180  | .0638908 |
| #3 | -.000215 | .000059  | 96.71734 | .0107656 | -.001788 | .006130  | .0662711 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037360 | 25.74250 | .0029387 | .0005396 | 46.27439 | -.001349 | .0092650 |
| Stddev | .0006966 | .31758   | .0001253 | .0005778 | .40634   | .003245  | .0004911 |
| %RSD   | 18.64689 | 1.233685 | 4.265092 | 107.0852 | .8781144 | 240.5925 | 5.300520 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0045196 | 25.38887 | .0030832 | .0005348 | 45.80710 | -.002141 | .0096846 |
| #2 | .0035016 | 25.83525 | .0028600 | -.000036 | 46.47136 | -.004124 | .0087248 |
| #3 | .0031868 | 26.00339 | .0028727 | .001120  | 46.54471 | .002219  | .0093855 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.887074 | .0133123 | .0936804 | .0066026 | 14.36869 | 3.309320 | -.005113 |
| Stddev | .238133  | .0008441 | .0005601 | .0000666 | .19527   | .029051  | .001191  |
| %RSD   | 3.019276 | 6.341050 | .5978487 | 1.008212 | 1.358970 | .8778580 | 23.29635 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.613010 | .0123784 | .0940077 | .0066551 | 14.28711 | 3.284740 | -.006095 |
| #2 | 8.004775 | .0140209 | .0930337 | .0066249 | 14.22744 | 3.301839 | -.005455 |
| #3 | 8.043437 | .0135377 | .0939997 | .0065277 | 14.59151 | 3.341379 | -.003788 |

Sample Name: K1941-04      Acquired: 03/19/2019 20:12:56      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: T-2      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.005681</b> | <b>.0022199</b> | <b>1.024402</b> |
| Stddev | .002740         | .0007613        | .003893         |
| %RSD   | 48.23122        | 34.29650        | .3800755        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.005208</b> | <b>.0022753</b> | <b>1.020450</b> |
| #2 | <b>-.003208</b> | <b>.0014323</b> | <b>1.028234</b> |
| #3 | <b>-.008627</b> | <b>.0029520</b> | <b>1.024521</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2613.153</b> | <b>2793.858</b> | <b>59140.34</b> | <b>5394.051</b> | <b>4189.246</b> |
| Stddev    | 10.049          | 24.259          | 261.00          | 53.074          | 39.039          |
| %RSD      | .3845702        | .8682861        | .4413259        | .9839425        | .9318922        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2624.426 | 2804.342 | 59418.85 | 5438.120 | 4206.657 |
| #2 | 2609.902 | 2811.112 | 58901.35 | 5408.899 | 4216.550 |
| #3 | 2605.132 | 2766.121 | 59100.81 | 5335.133 | 4144.531 |

Sample Name: K1963-02      Acquired: 03/19/2019 20:16:45      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-TT-AOC22-      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0034285 | -.002981 | .0013226 | .0085038 | -.000869 | .4591128 | .0386254 |
| Stddev | .0022003 | .001859  | .0011161 | .0010830 | .003042  | .0167261 | .0013026 |
| %RSD   | 64.17769 | 62.38526 | 84.39146 | 12.73584 | 349.8408 | 3.643125 | 3.372492 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0010004 | -.002897 | .0019771 | .0097113 | -.000467 | .4550133 | .0392953 |
| #2 | .0052904 | -.001164 | .0000338 | .0081817 | .001951  | .4448177 | .0371242 |
| #3 | .0039947 | -.004880 | .0019568 | .0076183 | -.004092 | .4775075 | .0394568 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000058 | .0002965 | 27.33548 | .0020435 | .0013107 | .0062215 | 2.715790 |
| Stddev | .000025  | .0000801 | .03118   | .0003058 | .0003551 | .0016158 | .013627  |
| %RSD   | 42.96177 | 27.02119 | .1140514 | 14.96604 | 27.08992 | 25.97096 | .5017838 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000050 | .0003863 | 27.33540 | .0023263 | .0009306 | .0077763 | 2.706607 |
| #2 | -.000087 | .0002322 | 27.30435 | .0020852 | .0016338 | .0063371 | 2.709315 |
| #3 | -.000038 | .0002711 | 27.36670 | .0017190 | .0013677 | .0045510 | 2.731447 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3679644 | 3.122763 | .0003842 | -.000120 | 70.38882 | -.002034 | .0095895 |
| Stddev | .0034717 | .113610  | .0002549 | .001158  | .50207   | .005670  | .0002444 |
| %RSD   | .9434984 | 3.638110 | 66.34530 | 969.4357 | .7132862 | 278.7372 | 2.548906 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3690675 | 3.219211 | .0001521 | -.001452 | 69.82672 | .004207  | .0097068 |
| #2 | .3640751 | 3.151550 | .0003434 | .000448  | 70.79280 | -.003441 | .0097531 |
| #3 | .3707505 | 2.997529 | .0006570 | .000646  | 70.54694 | -.006869 | .0093085 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.854525 | .2450106 | .0304681 | .0001924 | 11.70702 | 2.992373 | -.003114 |
| Stddev | .299926  | .0070199 | .0006313 | .0003680 | .08428   | .019982  | .000829  |
| %RSD   | 6.178272 | 2.865147 | 2.071970 | 191.2637 | .7199257 | .6677655 | 26.62742 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.601237 | .2398414 | .0306270 | .0005177 | 11.71345 | 2.972289 | -.002159 |
| #2 | 4.776622 | .2421879 | .0310049 | .0002666 | 11.61971 | 3.012251 | -.003646 |
| #3 | 5.185715 | .2530025 | .0297726 | -.000207 | 11.78790 | 2.992579 | -.003538 |

Sample Name: K1963-02      Acquired: 03/19/2019 20:16:45      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-TT-AOC22-      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000140</b> | <b>-.007486</b> | <b>.1818543</b> |
| Stddev | .002246         | .001368         | .0002580        |
| %RSD   | 1607.046        | 18.26674        | .1418727        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000086  | -.008575 | .1819787 |
| #2 | .001985  | -.007933 | .1820266 |
| #3 | -.002490 | -.005952 | .1815577 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2662.714</b> | <b>2887.450</b> | <b>60012.84</b> | <b>5471.410</b> | <b>4362.908</b> |
| Stddev    | 19.204          | 30.173          | 595.92          | 45.047          | 42.244          |
| %RSD      | .7212082        | 1.044954        | .9929809        | .8233155        | .9682451        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2651.973 | 2900.284 | 59408.94 | 5523.250 | 4382.610 |
| #2 | 2684.884 | 2909.084 | 60600.44 | 5441.790 | 4391.700 |
| #3 | 2651.283 | 2852.982 | 60029.15 | 5449.190 | 4314.412 |



Sample Name: K1963-04      Acquired: 03/19/2019 20:20:35      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-DUP03-201 Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0058528 | -.001735 | .0011398 | .0070266 | -.000364 | .5984760 | .0486036 |
| Stddev | .0032565 | .001402  | .0016511 | .0012332 | .002008  | .0176418 | .0006148 |
| %RSD   | 55.64071 | 80.79280 | 144.8544 | 17.55018 | 551.1286 | 2.947789 | 1.265010 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0024427 | -.000314 | .0014964 | .0077804 | -.001007 | .5784412 | .0481834 |
| #2 | .0061854 | -.001775 | .0025835 | .0076958 | -.001972 | .6053013 | .0483181 |
| #3 | .0089302 | -.003116 | -.000660 | .0056035 | .001886  | .6116854 | .0493093 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000146 | .0004917 | 33.31725 | .0053562 | .0015226 | .0056939 | 3.373920 |
| Stddev | .000027  | .0000745 | .51426   | .0004849 | .0001296 | .0013494 | .064768  |
| %RSD   | 18.59984 | 15.14426 | 1.543539 | 9.053891 | 8.514247 | 23.69879 | 1.919676 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000115 | .0005727 | 32.76391 | .0051024 | .0015070 | .0042805 | 3.385579 |
| #2 | -.000166 | .0004760 | 33.40728 | .0050508 | .0014015 | .0058326 | 3.304114 |
| #3 | -.000157 | .0004263 | 33.78055 | .0059153 | .0016594 | .0069685 | 3.432067 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4513306 | 3.835960 | .0001625 | .0003962 | 83.59106 | -.001295 | .0138756 |
| Stddev | .0092827 | .094366  | .0000720 | .0006000 | 1.15246  | .002895  | .0004274 |
| %RSD   | 2.056748 | 2.460046 | 44.32357 | 151.4480 | 1.378686 | 223.5631 | 3.080264 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4439195 | 3.730084 | .0002344 | .0009841 | 82.34315 | -.004277 | .0137273 |
| #2 | .4483296 | 3.911206 | .0000903 | -.000215 | 83.81475 | -.001112 | .0135421 |
| #3 | .4617425 | 3.866590 | .0001628 | .000420  | 84.61527 | .001504  | .0143575 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.857471 | .3251612 | .0396813 | .0003085 | 14.52376 | 3.738933 | -.002831 |
| Stddev | .264780  | .0053402 | .0010804 | .0000938 | .16379   | .044722  | .000092  |
| %RSD   | 4.520385 | 1.642315 | 2.722791 | 30.38850 | 1.127704 | 1.196113 | 3.238942 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.587036 | .3222215 | .0387688 | .0002239 | 14.45786 | 3.730482 | -.002806 |
| #2 | 5.869170 | .3219368 | .0394007 | .0002924 | 14.40320 | 3.699040 | -.002932 |
| #3 | 6.116208 | .3313253 | .0408743 | .0004093 | 14.71023 | 3.787278 | -.002754 |

Sample Name: K1963-04      Acquired: 03/19/2019 20:20:35      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-DUP03-201 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0003784</b> | <b>-.001476</b> | <b>.2268328</b> |
| Stddev | .0016596        | .000832         | .0020971        |
| %RSD   | 438.5807        | 56.38601        | .9245248        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000474</b> | <b>-.002273</b> | <b>.2244917</b> |
| #2 | <b>-.000682</b> | <b>-.000612</b> | <b>.2274671</b> |
| #3 | <b>.002291</b>  | <b>-.001542</b> | <b>.2285395</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2655.247</b> | <b>2868.306</b> | <b>60002.80</b> | <b>5549.600</b> | <b>4320.099</b> |
| Stddev    | 12.585          | 24.649          | 295.55          | 49.274          | 37.592          |
| %RSD      | .4739744        | .8593437        | .4925660        | .8878772        | .8701594        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2660.212 | 2880.800 | 60265.87 | 5582.760 | 4337.696 |
| #2 | 2640.936 | 2884.206 | 59682.99 | 5573.060 | 4345.664 |
| #3 | 2664.592 | 2839.913 | 60059.54 | 5492.980 | 4276.936 |

Sample Name: K1963-06      Acquired: 03/19/2019 20:24:26      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW30      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014736 | -.001996 | .0004134 | .0063727 | -.000898 | -.006663 | .0736430 |
| Stddev | .0010968 | .002555  | .0006817 | .0036237 | .002379  | .018569  | .0016078 |
| %RSD   | 74.43233 | 128.0093 | 164.8782 | 56.86245 | 264.9712 | 278.6716 | 2.183254 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005487 | .000092  | -.000091 | .0094272 | -.003618 | .011148  | .0754320 |
| #2 | .0026854 | -.001234 | .000143  | .0023688 | .000794  | -.005232 | .0723188 |
| #3 | .0011868 | -.004845 | .001189  | .0073222 | .000130  | -.025906 | .0731782 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000256 | .0001358 | 32.56686 | .0015942 | -.001257 | .0000509 | .0083565 |
| Stddev | .000016  | .0000977 | .34261   | .0003801 | .000249  | .0042939 | .0324583 |
| %RSD   | 6.144235 | 71.94908 | 1.052026 | 23.84316 | 19.83332 | 8438.763 | 388.4218 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000244 | .0001627 | 32.95152 | .0011863 | -.001384 | .0029004 | .0392668 |
| #2 | -.000251 | .0000274 | 32.45461 | .0016579 | -.001418 | .0021400 | .0112576 |
| #3 | -.000274 | .0002171 | 32.29445 | .0019384 | -.000970 | -.004888 | -.025455 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016073 | 7.725254 | -.000352 | -.000528 | 41.71572 | .0021220 | .0119505 |
| Stddev | .0014552 | .035678  | .000210  | .000330  | .16144   | .0129916 | .0003488 |
| %RSD   | 90.54052 | .4618299 | 59.61311 | 62.57323 | .3870105 | 612.2469 | 2.918381 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000034 | 7.757391 | -.000424 | -.000901 | 41.68524 | .0157536 | .0116696 |
| #2 | .002741  | 7.731508 | -.000516 | -.000275 | 41.89023 | .0007297 | .0118409 |
| #3 | .002115  | 7.686863 | -.000116 | -.000407 | 41.57169 | -.010117 | .0123408 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.222675 | -.004471 | .1051852 | .0001751 | 10.01376 | 4.751522 | -.003264 |
| Stddev | .161599  | .002788  | .0006947 | .0003000 | .17635   | .038469  | .000441  |
| %RSD   | 1.752190 | 62.35470 | .6604828 | 171.3164 | 1.761090 | .8096091 | 13.50059 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.070334 | -.002084 | .1055664 | -.000076 | 9.91375  | 4.795917 | -.002963 |
| #2 | 9.205526 | -.007536 | .1056060 | .000507  | 9.91014  | 4.728037 | -.003060 |
| #3 | 9.392164 | -.003795 | .1043834 | .000094  | 10.21738 | 4.730612 | -.003770 |

Sample Name: K1963-06      Acquired: 03/19/2019 20:24:26      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW30      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001766</b> | <b>-.000622</b> | <b>.2816170</b> |
| Stddev | .001672         | .001365         | .0008687        |
| %RSD   | 94.69441        | 219.4110        | .3084572        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000086</b> | <b>-.001437</b> | <b>.2826154</b> |
| #2 | <b>-.003430</b> | <b>-.001382</b> | <b>.2812013</b> |
| #3 | <b>-.001782</b> | <b>.000954</b>  | <b>.2810342</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2610.560</b> | <b>2845.629</b> | <b>59242.76</b> | <b>5388.093</b> | <b>4334.871</b> |
| Stddev    | 3.471           | 38.614          | 78.63           | 43.731          | 66.007          |
| %RSD      | .1329580        | 1.356965        | .1327313        | .8116290        | 1.522706        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2613.389</b> | <b>2867.438</b> | <b>59153.22</b> | <b>5343.816</b> | <b>4366.887</b> |
| #2 | <b>2606.687</b> | <b>2868.406</b> | <b>59300.57</b> | <b>5389.207</b> | <b>4378.764</b> |
| #3 | <b>2611.604</b> | <b>2801.045</b> | <b>59274.48</b> | <b>5431.257</b> | <b>4258.961</b> |

Sample Name: K1963-07      Acquired: 03/19/2019 20:28:16      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW30      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.004334</b> | <b>-.004171</b> | <b>.0027172</b> | <b>.0066895</b> | <b>-.001166</b> | <b>.0678059</b> | <b>.0276321</b> |
| Stddev | .001792         | .000534         | .0022325        | .0010292        | .002776         | .0137988        | .0014236        |
| %RSD   | 41.33848        | 12.79620        | 82.16269        | 15.38541        | 238.2018        | 20.35040        | 5.152113        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.005493</b> | <b>-.004090</b> | <b>.0001884</b> | <b>.0063950</b> | <b>.001814</b>  | <b>.0586025</b> | <b>.0288407</b> |
| #2 | <b>-.005239</b> | <b>-.003683</b> | <b>.0035478</b> | <b>.0058397</b> | <b>-.003680</b> | <b>.0611435</b> | <b>.0260628</b> |
| #3 | <b>-.002270</b> | <b>-.004741</b> | <b>.0044153</b> | <b>.0078339</b> | <b>-.001630</b> | <b>.0836717</b> | <b>.0279927</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000256</b> | <b>.0001368</b> | <b>8.790678</b> | <b>.0008940</b> | <b>-.000816</b> | <b>.0018605</b> | <b>.0222146</b> |
| Stddev | .000059         | .0001296        | .133225         | .0001892        | .000177         | .0029166        | .0191169        |
| %RSD   | 23.02505        | 94.73418        | 1.515531        | 21.16424        | 21.69700        | 156.7705        | 86.05550        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000192</b> | <b>.0001944</b> | <b>8.710288</b> | <b>.0007343</b> | <b>-.000785</b> | <b>.0051765</b> | <b>.0186618</b> |
| #2 | <b>-.000269</b> | <b>-.000012</b> | <b>8.717285</b> | <b>.0008446</b> | <b>-.001006</b> | <b>.0007121</b> | <b>.0428588</b> |
| #3 | <b>-.000308</b> | <b>.000228</b>  | <b>8.944460</b> | <b>.0011029</b> | <b>-.000656</b> | <b>-.000307</b> | <b>.0051234</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0029630</b> | <b>2.840789</b> | <b>-.000334</b> | <b>-.000154</b> | <b>22.60369</b> | <b>-.004150</b> | <b>.0177846</b> |
| Stddev | .0014556        | .065995         | .000490         | .000329         | .73390          | .004619         | .0002052        |
| %RSD   | 49.12642        | 2.323109        | 146.8927        | 213.8851        | 3.246815        | 111.3218        | 1.153841        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0027183</b> | <b>2.778666</b> | <b>-.000268</b> | <b>.000049</b>  | <b>21.84606</b> | <b>-.002937</b> | <b>.0175833</b> |
| #2 | <b>.0045255</b> | <b>2.833630</b> | <b>.000120</b>  | <b>-.000534</b> | <b>22.65373</b> | <b>-.000257</b> | <b>.0177770</b> |
| #3 | <b>.0016453</b> | <b>2.910072</b> | <b>-.000853</b> | <b>.000023</b>  | <b>23.31130</b> | <b>-.009254</b> | <b>.0179935</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.288198</b> | <b>-.002341</b> | <b>.0428963</b> | <b>.0002034</b> | <b>3.587356</b> | <b>5.978097</b> | <b>-.000875</b> |
| Stddev | .270701         | .001845         | .0005928        | .0002483        | .228137         | .015566         | .000766         |
| %RSD   | 8.232491        | 78.80479        | 1.381987        | 122.1033        | 6.359480        | .2603839        | 87.49753        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3.005676</b> | <b>-.004421</b> | <b>.0434407</b> | <b>.0004897</b> | <b>3.462235</b> | <b>5.994735</b> | <b>-.001552</b> |
| #2 | <b>3.313637</b> | <b>-.000904</b> | <b>.0422647</b> | <b>.0000467</b> | <b>3.449154</b> | <b>5.963889</b> | <b>-.001030</b> |
| #3 | <b>3.545281</b> | <b>-.001697</b> | <b>.0429836</b> | <b>.0000737</b> | <b>3.850677</b> | <b>5.975668</b> | <b>-.000044</b> |

Sample Name: K1963-07      Acquired: 03/19/2019 20:28:16      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW30      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0001955</b> | <b>.0004990</b> | <b>.0756735</b> |
| Stddev | .0011228        | .0013535        | .0003958        |
| %RSD   | 574.3019        | 271.2152        | .5230768        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000668</b> | <b>-.000581</b> | <b>.0759452</b> |
| #2 | <b>-.000210</b> | <b>.000061</b>  | <b>.0752193</b> |
| #3 | <b>.001465</b>  | <b>.002017</b>  | <b>.0758559</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2653.434</b> | <b>2845.742</b> | <b>60049.09</b> | <b>5507.560</b> | <b>4362.529</b> |
| Stddev    | 19.787          | 149.284         | 368.65          | 37.219          | 230.411         |
| %RSD      | .7456973        | 5.245873        | .6139195        | .6757721        | 5.281589        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2648.649</b> | <b>2929.469</b> | <b>59801.39</b> | <b>5488.610</b> | <b>4490.654</b> |
| #2 | <b>2675.175</b> | <b>2934.371</b> | <b>60472.75</b> | <b>5550.440</b> | <b>4500.401</b> |
| #3 | <b>2636.479</b> | <b>2673.387</b> | <b>59873.13</b> | <b>5483.630</b> | <b>4096.533</b> |

Sample Name: CCV11      Acquired: 03/19/2019 20:32:07      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCV14715      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.904576</b> | <b>4.818724</b> | <b>4.759377</b> | <b>4.870425</b> | <b>4.917969</b> | <b>9.646091</b> | <b>9.722945</b> |
| Stddev | .046027         | .058521         | .051391         | .045934         | .062293         | .044901         | .029133         |
| %RSD   | .9384483        | 1.214456        | 1.079779        | .9431213        | 1.266633        | .4654882        | .2996358        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.857977 | 4.753407 | 4.701659 | 4.817465 | 4.849608 | 9.697349 | 9.733282 |
| #2 | 4.905744 | 4.836381 | 4.776300 | 4.899420 | 4.932773 | 9.613710 | 9.690053 |
| #3 | 4.950008 | 4.866383 | 4.800172 | 4.894391 | 4.971525 | 9.627213 | 9.745501 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2669306</b> | <b>2.498782</b> | <b>24.58783</b> | <b>.9333270</b> | <b>2.406543</b> | <b>1.221049</b> | <b>5.347029</b> |
| Stddev | .0022968        | .025834         | .09383          | .0021617        | .025608         | .010266         | .065600         |
| %RSD   | .8604512        | 1.033848        | .3816179        | .2316149        | 1.064119        | .8407227        | 1.226842        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2671777 | 2.469077 | 24.69576 | .9340222 | 2.377989 | 1.214666 | 5.336580 |
| #2 | .2645203 | 2.511271 | 24.52561 | .9309032 | 2.414164 | 1.215590 | 5.417226 |
| #3 | .2690940 | 2.515998 | 24.54212 | .9350556 | 2.427475 | 1.232890 | 5.287281 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.469719</b> | <b>25.77903</b> | <b>2.414539</b> | <b>1.218198</b> | <b>27.19189</b> | <b>2.445372</b> | <b>2.423287</b> |
| Stddev | .005109         | .08644          | .025827         | .004506         | .53329          | .004652         | .010365         |
| %RSD   | .2068646        | .3353234        | 1.069657        | .3699096        | 1.961223        | .1902393        | .4277422        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.473465 | 25.78079 | 2.385978 | 1.223268 | 26.57625 | 2.443294 | 2.419522 |
| #2 | 2.471792 | 25.69172 | 2.421385 | 1.214651 | 27.48751 | 2.450701 | 2.415331 |
| #3 | 2.463899 | 25.86458 | 2.436253 | 1.216674 | 27.51190 | 2.442122 | 2.435009 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>25.34640</b> | <b>5.349464</b> | <b>4.693249</b> | <b>4.947959</b> | <b>4.820270</b> | <b>4.592266</b> | <b>4.758755</b> |
| Stddev | .22811          | .064523         | .040322         | .053485         | .050703         | .041874         | .054916         |
| %RSD   | .8999559        | 1.206160        | .8591429        | 1.080952        | 1.051866        | .9118266        | 1.153998        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.23283 | 5.280165 | 4.696945 | 4.889271 | 4.761726 | 4.597543 | 4.699067 |
| #2 | 25.19738 | 5.360420 | 4.651206 | 4.960644 | 4.850011 | 4.548005 | 4.770060 |
| #3 | 25.60900 | 5.407808 | 4.731595 | 4.993961 | 4.849073 | 4.631251 | 4.807139 |

Sample Name: CCV11      Acquired: 03/19/2019 20:32:07      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: CCV14715      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>4.872477</b> | <b>4.772151</b> | <b>4.767368</b> |
| Stddev | .013903         | .003965         | .011466         |
| %RSD   | .2853394        | .0830937        | .2405162        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.886465 | 4.776482 | 4.779591 |
| #2 | 4.858660 | 4.771273 | 4.756849 |
| #3 | 4.872306 | 4.768699 | 4.765665 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2723.023</b> | <b>2934.950</b> | <b>60875.40</b> | <b>5456.740</b> | <b>4364.204</b> |
| Stddev    | 11.480          | 20.322          | 301.41          | 15.019          | 30.619          |
| %RSD      | .4215954        | .6924103        | .4951249        | .2752450        | .7015915        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2720.541 | 2956.911 | 60724.24 | 5447.310 | 4398.847 |
| #2 | 2712.986 | 2931.130 | 60679.49 | 5474.060 | 4353.000 |
| #3 | 2735.541 | 2916.809 | 61222.48 | 5448.850 | 4340.766 |



Sample Name: CCB11      Acquired: 03/19/2019 20:35:40      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCB14715      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019652 | .0004261 | .0016021 | .0017891 | .0006186 | -.011479 |
| Stddev | .0015681 | .0009107 | .0005321 | .0016774 | .0001503 | .007617  |
| %RSD   | 79.79431 | 213.7023 | 33.21067 | 93.75630 | 24.29764 | 66.35338 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0001576 | .0010594 | .0021428 | .0006082 | .0004870 | -.018237 |
| #2 | .0027775 | .0008366 | .0015846 | .0037091 | .0007823 | -.012974 |
| #3 | .0029606 | -.000618 | .0010790 | .0010500 | .0005864 | -.003226 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003726 | .0000752 | .0000406 | .0077956 | -.000027 | .0000055 |
| Stddev | .000511  | .0000154 | .0000889 | .0201521 | .000294  | .0001003 |
| %RSD   | 13.70889 | 20.54322 | 219.0755 | 258.5059 | 1087.128 | 1826.288 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.003142 | .0000922 | .0000436 | .0131571 | -.000328 | .0001198 |
| #2 | -.003943 | .0000716 | .0001279 | -.014495 | .000259  | -.000068 |
| #3 | -.004092 | .0000619 | -.000050 | .024725  | -.000012 | -.000036 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014107 | -.004373 | -.000133 | .0421597 | -.000088 | .0002147 |
| Stddev | .0019860 | .009412  | .000754  | .0495215 | .000269  | .0001994 |
| %RSD   | 140.7857 | 215.2383 | 565.1059 | 117.4617 | 305.1708 | 92.86137 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0000983 | .004991  | .000729  | .0771524 | .000167  | -.000010 |
| #2 | .0004382 | -.013833 | -.000665 | -.014503 | -.000063 | .000283  |
| #3 | .0036955 | -.004276 | -.000464 | .063830  | -.000369 | .000371  |

|        |            |          |          |            |          |          |
|--------|------------|----------|----------|------------|----------|----------|
| Elem   | Na8183     | V_2924   | Zn2138   | K_7698     | P_1774   | B_2496   |
| Units  | ppm        | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | F 2.578229 | -.000162 | -.001064 | F 1.306811 | -.003130 | .0032187 |
| Stddev | .429986    | .003585  | .000257  | .126226    | .000291  | .0012899 |
| %RSD   | 16.67756   | 2214.704 | 24.11195 | 9.659120   | 9.305284 | 40.07404 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.311584 | -.001167 | -.001360 | 1.168331 | -.003012 | .0045743 |
| #2 | 3.074268 | .003819  | -.000908 | 1.336672 | -.003462 | .0020065 |
| #3 | 2.348836 | -.003137 | -.000924 | 1.415429 | -.002917 | .0030754 |

Sample Name: CCB11      Acquired: 03/19/2019 20:35:40      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCB14715      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003558 | F .0188925 | .0020265 | -.000047 | -.000472 | .0039233 |
| Stddev | .0003002 | .0048120   | .0008745 | .000759  | .001469  | .0023630 |
| %RSD   | 84.38484 | 25.47059   | 43.15059 | 1599.925 | 311.0221 | 60.22939 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0006708 | .0213876 | .0030153 | .000823  | -.002135 | .0014347 |
| #2 | .0000729 | .0219446 | .0017096 | -.000570 | .000072  | .0041987 |
| #3 | .0003236 | .0133454 | .0013547 | -.000395 | .000647  | .0061365 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0002278 |
| Stddev | .0000883 |
| %RSD   | 38.75815 |

|    |          |
|----|----------|
| #1 | .0001473 |
| #2 | .0003222 |
| #3 | .0002138 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2707.338 | 2948.253 | 60160.35 | 5385.930 | 4426.397 |
| Stddev    | 33.765   | 10.425   | 887.99   | 40.831   | 16.948   |
| %RSD      | 1.247163 | .3536001 | 1.476034 | .7581095 | .3828851 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2691.064 | 2958.206 | 59549.67 | 5344.450 | 4445.499 |
| #2 | 2684.794 | 2949.141 | 59752.37 | 5387.260 | 4420.528 |
| #3 | 2746.159 | 2937.412 | 61179.01 | 5426.080 | 4413.163 |

Sample Name: K1963-08      Acquired: 03/19/2019 20:39:34      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-EB02-2019 Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0056540 | .0046354 | .0003637 | -.001751 | -.001439 | -.010396 | -.001901 |
| Stddev | .0031018 | .0004314 | .0016227 | .001233  | .001823  | .006422  | .000255  |
| %RSD   | 54.86033 | 9.306248 | 446.1308 | 70.41908 | 126.7069 | 61.76825 | 13.39101 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0031469 | .0049229 | -.001201 | -.001528 | -.003443 | -.011931 | -.001609 |
| #2 | .0046923 | .0048439 | .000254  | -.003080 | -.000996 | -.015912 | -.002076 |
| #3 | .0091227 | .0041394 | .002038  | -.000644 | .000122  | -.003346 | -.002019 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001820 | -.000057 | .0039368 | .0000445 | -.000098 | -.002374 | -.020066 |
| Stddev | .0000464 | .000035  | .0183297 | .0004330 | .000071  | .000545  | .009011  |
| %RSD   | 25.47867 | 62.02360 | 465.6035 | 972.7146 | 72.74819 | 22.97395 | 44.90821 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001984 | -.000079 | -.014489 | .0001720 | -.000143 | -.002156 | -.012743 |
| #2 | .0001297 | -.000016 | .004131  | -.000438 | -.000135 | -.001971 | -.030129 |
| #3 | .0002180 | -.000075 | .022169  | .000399  | -.000016 | -.002994 | -.017326 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000005 | .0556589 | .0006841 | -.000031 | .5739408 | -.002795 | .0019852 |
| Stddev | .001672  | .0206637 | .0002450 | .000053  | .3467200 | .002302  | .0001879 |
| %RSD   | 33590.20 | 37.12563 | 35.81510 | 169.4306 | 60.41040 | 82.34170 | 9.462960 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001478 | .0364569 | .0008915 | -.000017 | .2201782 | -.005163 | .0019158 |
| #2 | .001813  | .0775257 | .0004138 | .000013  | .5884837 | -.002658 | .0021979 |
| #3 | -.000350 | .0529939 | .0007469 | -.000090 | .9131605 | -.000565 | .0018419 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.566981 | -.003708 | -.004974 | -.000418 | .0029558 | -.003113 | -.002791 |
| Stddev | .050351  | .002332  | .000747  | .000236  | .0041655 | .001635  | .000375  |
| %RSD   | 8.880570 | 62.88881 | 15.01187 | 56.38327 | 140.9259 | 52.51240 | 13.43241 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.511247 | -.003745 | -.004266 | -.000618 | .0012331 | -.003169 | -.003213 |
| #2 | -.609184 | -.001358 | -.004901 | -.000479 | -.000072 | -.004718 | -.002662 |
| #3 | -.580511 | -.006021 | -.005754 | -.000158 | .007706  | -.001451 | -.002497 |

Sample Name: K1963-08      Acquired: 03/19/2019 20:39:34      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-EB02-2019 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.003276</b> | <b>-.011258</b> | <b>.0000135</b> |
| Stddev | .001050         | .001924         | .0001656        |
| %RSD   | 32.03906        | 17.08822        | 1230.697        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002380</b> | <b>-.009526</b> | <b>-.000176</b> |
| #2 | <b>-.004431</b> | <b>-.013329</b> | <b>.000132</b>  |
| #3 | <b>-.003017</b> | <b>-.010918</b> | <b>.000084</b>  |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2901.449</b> | <b>3133.700</b> | <b>63426.40</b> | <b>5561.193</b> | <b>4683.843</b> |
| Stddev    | 40.464          | 23.193          | 671.23          | 26.315          | 31.920          |
| %RSD      | 1.394598        | .7401251        | 1.058284        | .4731886        | .6814917        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2921.569</b> | <b>3152.868</b> | <b>63651.07</b> | <b>5591.510</b> | <b>4711.463</b> |
| #2 | <b>2927.909</b> | <b>3140.313</b> | <b>63956.47</b> | <b>5544.260</b> | <b>4691.170</b> |
| #3 | <b>2854.869</b> | <b>3107.918</b> | <b>62671.65</b> | <b>5547.810</b> | <b>4648.897</b> |

Sample Name: K1963-09      Acquired: 03/19/2019 20:43:27      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW30      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1321437</b> | <b>-.000532</b> | <b>.0368710</b> | <b>.0051615</b> | <b>.0002891</b> | <b>13.55835</b> | <b>.0842841</b> |
| Stddev | .0034101        | .001148         | .0019609        | .0025838        | .0028182        | .02827          | .0009269        |
| %RSD   | 2.580636        | 215.8652        | 5.318380        | 50.05978        | 974.7904        | .2084863        | 1.099696        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1344482</b> | <b>-.001507</b> | <b>.0369629</b> | <b>.0024553</b> | <b>.0027935</b> | <b>13.59099</b> | <b>.0852991</b> |
| #2 | <b>.1282263</b> | <b>.000733</b>  | <b>.0348657</b> | <b>.0054268</b> | <b>.0008364</b> | <b>13.54163</b> | <b>.0834826</b> |
| #3 | <b>.1337565</b> | <b>-.000822</b> | <b>.0387843</b> | <b>.0076024</b> | <b>-.002763</b> | <b>13.54244</b> | <b>.0840705</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0003941</b> | <b>.0002578</b> | <b>6.544451</b> | <b>.0153681</b> | <b>.0016576</b> | <b>.0794394</b> | <b>16.90862</b> |
| Stddev | .0000083        | .0001719        | .042302         | .0001473        | .0001905        | .0013191        | .10917          |
| %RSD   | 2.096125        | 66.70065        | .6463743        | .9584969        | 11.49276        | 1.660460        | .6456346        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0003862</b> | <b>.0003215</b> | <b>6.549176</b> | <b>.0155246</b> | <b>.0018727</b> | <b>.0808470</b> | <b>16.90437</b> |
| #2 | <b>.0003935</b> | <b>.0000631</b> | <b>6.499986</b> | <b>.0153476</b> | <b>.0015901</b> | <b>.0792397</b> | <b>16.80165</b> |
| #3 | <b>.0004027</b> | <b>.0003886</b> | <b>6.584192</b> | <b>.0152321</b> | <b>.0015100</b> | <b>.0782317</b> | <b>17.01986</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0447325</b> | <b>.6012591</b> | <b>.0085963</b> | <b>-.001058</b> | <b>78.40242</b> | <b>.0999908</b> | <b>.0323015</b> |
| Stddev | .0020700        | .0701833        | .0001022        | .000262         | .84374          | .0035695        | .0003907        |
| %RSD   | 4.627413        | 11.67272        | 1.188857        | 24.74423        | 1.076167        | 3.569863        | 1.209610        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0423846</b> | <b>.6044917</b> | <b>.0087058</b> | <b>-.001198</b> | <b>78.03953</b> | <b>.0974917</b> | <b>.0327514</b> |
| #2 | <b>.0455191</b> | <b>.6697703</b> | <b>.0085035</b> | <b>-.000756</b> | <b>77.80084</b> | <b>.1040789</b> | <b>.0320477</b> |
| #3 | <b>.0462938</b> | <b>.5295154</b> | <b>.0085797</b> | <b>-.001220</b> | <b>79.36689</b> | <b>.0984018</b> | <b>.0321053</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.503416</b> | <b>1.027736</b> | <b>.1156617</b> | <b>.0179802</b> | <b>5.944737</b> | <b>15.32819</b> | <b>.0000256</b> |
| Stddev | .070579         | .015271         | .0021617        | .0000401        | .086842         | .13774          | .0006698        |
| %RSD   | 2.014568        | 1.485899        | 1.868962        | .2228942        | 1.460827        | .8985770        | 2617.764        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3.464848</b> | <b>1.030065</b> | <b>.1142061</b> | <b>.0180224</b> | <b>5.913379</b> | <b>15.17125</b> | <b>.0007579</b> |
| #2 | <b>3.460525</b> | <b>1.011434</b> | <b>.1146335</b> | <b>.0179753</b> | <b>5.877929</b> | <b>15.42902</b> | <b>-.000556</b> |
| #3 | <b>3.584875</b> | <b>1.041709</b> | <b>.1181456</b> | <b>.0179427</b> | <b>6.042903</b> | <b>15.38428</b> | <b>-.000125</b> |

Sample Name: K1963-09      Acquired: 03/19/2019 20:43:27      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW30      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2353842</b> | <b>.0087198</b> | <b>.1805982</b> |
| Stddev | .0021925        | .0020875        | .0005400        |
| %RSD   | .9314680        | 23.93991        | .2990191        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2372064</b> | <b>.0091488</b> | <b>.1810904</b> |
| #2 | <b>.2359953</b> | <b>.0064511</b> | <b>.1806836</b> |
| #3 | <b>.2329510</b> | <b>.0105594</b> | <b>.1800205</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2689.061</b> | <b>2928.547</b> | <b>60264.60</b> | <b>5535.830</b> | <b>4375.771</b> |
| Stddev    | 34.488          | 34.676          | 609.94          | 17.549          | 51.228          |
| %RSD      | 1.282547        | 1.184079        | 1.012097        | .3170005        | 1.170728        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2654.190 | 2920.401 | 59657.46 | 5554.700 | 4367.931 |
| #2 | 2723.154 | 2966.571 | 60877.29 | 5532.790 | 4430.467 |
| #3 | 2689.841 | 2898.668 | 60259.04 | 5520.000 | 4328.914 |

Sample Name: K1963-11      Acquired: 03/19/2019 20:47:18      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-TT-AOC22-      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0195421 | -.002664 | .0047478 | .0108178 | .0010135 | .1384702 | .2190523 |
| Stddev | .0050244 | .001054  | .0015297 | .0032728 | .0003507 | .0267977 | .0034715 |
| %RSD   | 25.71069 | 39.54866 | 32.21931 | 30.25380 | 34.60092 | 19.35271 | 1.584757 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0237847 | -.003686 | .0063252 | .0120853 | .0012792 | .1130105 | .2151001 |
| #2 | .0208479 | -.002725 | .0046474 | .0132673 | .0011453 | .1359695 | .2216080 |
| #3 | .0139937 | -.001581 | .0032707 | .0071008 | .0006160 | .1664307 | .2204488 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001892 | .0010513 | 172.5051 | .0032591 | .0221033 | .0294165 | 55.88426 |
| Stddev | .0000253 | .0000507 | 3.6913   | .0004777 | .0002516 | .0029035 | 1.11010  |
| %RSD   | 13.37379 | 4.820432 | 2.139813 | 14.65920 | 1.138467 | 9.870336 | 1.986435 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002053 | .0011048 | 168.6998 | .0033423 | .0221953 | .0305156 | 54.85424 |
| #2 | .0001601 | .0010451 | 172.7447 | .0036898 | .0218186 | .0261239 | 55.73848 |
| #3 | .0002024 | .0010040 | 176.0707 | .0027452 | .0222961 | .0316100 | 57.06005 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.197503 | 16.51200 | .0130178 | -.002650 | 164.1917 | -.001722 | .0651818 |
| Stddev | .021888  | .37060   | .0004119 | .000372  | 2.9231   | .007815  | .0003280 |
| %RSD   | 1.827834 | 2.244458 | 3.163726 | 14.01992 | 1.780272 | 453.8212 | .5032362 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.175074 | 16.08413 | .0125560 | -.002269 | 161.1762 | .001301  | .0655398 |
| #2 | 1.198627 | 16.71904 | .0133472 | -.003011 | 164.3865 | -.010597 | .0648956 |
| #3 | 1.218807 | 16.73282 | .0131502 | -.002669 | 167.0126 | .004130  | .0651099 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.35858 | .1597681 | .0702075 | .0002545 | 60.19650 | 9.738194 | -.003659 |
| Stddev | .25131   | .0003401 | .0021086 | .0002489 | .42891   | .101182  | .000548  |
| %RSD   | 2.426127 | .2128714 | 3.003370 | 97.80166 | .7125206 | 1.039022 | 14.97998 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.11088 | .1593829 | .0702325 | .0001999 | 59.92923 | 9.624194 | -.003867 |
| #2 | 10.35151 | .1600269 | .0680866 | .0000375 | 59.96904 | 9.773039 | -.003037 |
| #3 | 10.61336 | .1598945 | .0723036 | .0005262 | 60.69123 | 9.817349 | -.004072 |

Sample Name: K1963-11      Acquired: 03/19/2019 20:47:18      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-TT-AOC22-      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.003134</b> | <b>.0046046</b> | <b>.7188944</b> |
| Stddev | .001173         | .0023753        | .0082997        |
| %RSD   | 37.43660        | 51.58538        | 1.154504        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.003169</b> | <b>.0020701</b> | <b>.7096613</b> |
| #2 | <b>-.004289</b> | <b>.0049639</b> | <b>.7212865</b> |
| #3 | <b>-.001943</b> | <b>.0067797</b> | <b>.7257353</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2598.770</b> | <b>2794.722</b> | <b>59308.49</b> | <b>5451.468</b> | <b>4151.052</b> |
| Stddev    | 3.704           | 18.800          | 249.03          | 47.968          | 18.990          |
| %RSD      | .1425437        | .6726891        | .4198917        | .8799035        | .4574704        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2600.553</b> | <b>2797.901</b> | <b>59023.20</b> | <b>5500.528</b> | <b>4156.926</b> |
| #2 | <b>2601.245</b> | <b>2811.729</b> | <b>59482.37</b> | <b>5449.201</b> | <b>4166.412</b> |
| #3 | <b>2594.511</b> | <b>2774.535</b> | <b>59419.88</b> | <b>5404.673</b> | <b>4129.820</b> |



Sample Name: K1963-12      Acquired: 03/19/2019 20:51:08      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-HN-MW24S-      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019568 | -.001386 | .0003538 | .0073071 | -.000884 | .0208999 | .0777028 |
| Stddev | .0033317 | .001399  | .0005800 | .0016500 | .001706  | .0177818 | .0008427 |
| %RSD   | 170.2619 | 100.9068 | 163.9483 | 22.58059 | 192.9000 | 85.08060 | 1.084474 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0035035 | -.001576 | -.000276 | .0085294 | .000150  | .0319040 | .0786503 |
| #2 | .0042341 | .000098  | .000866  | .0054303 | -.002854 | .0003854 | .0774209 |
| #3 | -.001867 | -.002680 | .000471  | .0079616 | .000051  | .0304104 | .0770372 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000231 | .0003305 | 37.25338 | .0017627 | -.001576 | .0042945 | .0200353 |
| Stddev | .000042  | .0000987 | .48790   | .0003214 | .000039  | .0011754 | .0142428 |
| %RSD   | 18.20908 | 29.87412 | 1.309675 | 18.23503 | 2.480699 | 27.36984 | 71.08849 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000222 | .0003534 | 36.83148 | .0020559 | -.001542 | .0036399 | .0132124 |
| #2 | -.000194 | .0002223 | 37.14099 | .0018133 | -.001566 | .0056514 | .0364060 |
| #3 | -.000276 | .0004158 | 37.78766 | .0014190 | -.001619 | .0035921 | .0104874 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015143 | 8.859858 | -.000155 | -.000223 | 44.92754 | .0037877 | .0068829 |
| Stddev | .0012139 | .067697  | .000413  | .000872  | .45430   | .0113158 | .0005618 |
| %RSD   | 80.16333 | .7640880 | 266.1013 | 390.8388 | 1.011179 | 298.7538 | 8.162745 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011406 | 8.805457 | .000008  | .000495  | 44.77989 | -.005617 | .0062734 |
| #2 | .0005312 | 8.838445 | .000151  | -.001194 | 44.56543 | .000634  | .0069952 |
| #3 | .0028712 | 8.935672 | -.000625 | .000030  | 45.43729 | .016346  | .0073801 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.028757 | .0079794 | .0313396 | .0002745 | 5.836435 | 3.923807 | -.004392 |
| Stddev | .101673  | .0005615 | .0010365 | .0000757 | .054338  | .043266  | .000591  |
| %RSD   | 1.686470 | 7.036974 | 3.307356 | 27.58864 | .9310206 | 1.102641 | 13.46213 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.045273 | .0083097 | .0318700 | .0002502 | 5.813175 | 3.875737 | -.005067 |
| #2 | 5.919837 | .0073311 | .0301452 | .0003594 | 5.797598 | 3.936057 | -.003965 |
| #3 | 6.121161 | .0082975 | .0320036 | .0002140 | 5.898532 | 3.959627 | -.004144 |

Sample Name: K1963-12      Acquired: 03/19/2019 20:51:08      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-HN-MW24S-      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.002566</b> | <b>-.002253</b> | <b>.2404512</b> |
| Stddev | .003101         | .001934         | .0006000        |
| %RSD   | 120.8495        | 85.84353        | .2495369        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002526</b> | <b>-.004406</b> | <b>.2410748</b> |
| #2 | <b>.000515</b>  | <b>-.001689</b> | <b>.2404007</b> |
| #3 | <b>-.005686</b> | <b>-.000664</b> | <b>.2398780</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2647.090</b> | <b>2894.540</b> | <b>59605.24</b> | <b>5417.460</b> | <b>4403.877</b> |
| Stddev    | 17.111          | 25.400          | 422.14          | 40.470          | 31.963          |
| %RSD      | .6464043        | .8775035        | .7082191        | .7470204        | .7257968        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2628.021</b> | <b>2903.591</b> | <b>59139.58</b> | <b>5450.190</b> | <b>4410.040</b> |
| #2 | <b>2661.106</b> | <b>2914.174</b> | <b>59962.85</b> | <b>5429.980</b> | <b>4432.311</b> |
| #3 | <b>2652.141</b> | <b>2865.854</b> | <b>59713.30</b> | <b>5372.210</b> | <b>4369.282</b> |

Sample Name: K1963-14      Acquired: 03/19/2019 20:54:58      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-DUP04-201 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0012207</b> | <b>-.003379</b> | <b>.0011982</b> | <b>.0068362</b> | <b>.0005673</b> | <b>.0171266</b> | <b>.1002713</b> |
| Stddev | .0026501        | .001991         | .0011834        | .0017863        | .0004486        | .0178254        | .0009621        |
| %RSD   | 217.0943        | 58.93375        | 98.76301        | 26.12993        | 79.07290        | 104.0799        | .9594921        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0040695</b> | <b>-.005267</b> | <b>-.000097</b> | <b>.0087597</b> | <b>.0010676</b> | <b>-.001911</b> | <b>.1004802</b> |
| #2 | <b>.0007640</b> | <b>-.001298</b> | <b>.002224</b>  | <b>.0052295</b> | <b>.0002009</b> | <b>.033422</b>  | <b>.0992219</b> |
| #3 | <b>-.001171</b> | <b>-.003571</b> | <b>.001467</b>  | <b>.0065193</b> | <b>.0004334</b> | <b>.019869</b>  | <b>.1011118</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000290</b> | <b>.0004076</b> | <b>47.56585</b> | <b>.0044833</b> | <b>-.001648</b> | <b>.0041892</b> | <b>.0776756</b> |
| Stddev | .000006         | .0000042        | .46094          | .0002260        | .000119         | .0018740        | .0182649        |
| %RSD   | 2.166166        | 1.041046        | .9690501        | 5.041877        | 7.218292        | 44.73528        | 23.51436        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000283</b> | <b>.0004029</b> | <b>47.04478</b> | <b>.0046641</b> | <b>-.001735</b> | <b>.0023133</b> | <b>.0886976</b> |
| #2 | <b>-.000295</b> | <b>.0004112</b> | <b>47.73241</b> | <b>.0042299</b> | <b>-.001512</b> | <b>.0060613</b> | <b>.0565924</b> |
| #3 | <b>-.000293</b> | <b>.0004088</b> | <b>47.92035</b> | <b>.0045559</b> | <b>-.001696</b> | <b>.0041929</b> | <b>.0877369</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0030297</b> | <b>11.35956</b> | <b>.0000509</b> | <b>.0001205</b> | <b>57.09808</b> | <b>-.000645</b> | <b>.0168959</b> |
| Stddev | .0031967        | .09658          | .0003502        | .0002385        | .36065          | .005794         | .0004324        |
| %RSD   | 105.5133        | .8501948        | 688.3906        | 197.9397        | .6316323        | 897.8738        | 2.558964        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0059778</b> | <b>11.40745</b> | <b>.0002524</b> | <b>.0003345</b> | <b>57.33344</b> | <b>.002477</b>  | <b>.0164777</b> |
| #2 | <b>-.000368</b> | <b>11.24840</b> | <b>.0002537</b> | <b>.0001635</b> | <b>56.68288</b> | <b>.002918</b>  | <b>.0168689</b> |
| #3 | <b>.003479</b>  | <b>11.42284</b> | <b>-.000354</b> | <b>-.000137</b> | <b>57.27794</b> | <b>-.007331</b> | <b>.0173412</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>7.831825</b> | <b>.0125455</b> | <b>.0403228</b> | <b>.0003521</b> | <b>7.444128</b> | <b>5.047837</b> | <b>-.003611</b> |
| Stddev | .147346         | .0027651        | .0008307        | .0002489        | .073204         | .048997         | .000663         |
| %RSD   | 1.881370        | 22.04076        | 2.060222        | 70.67243        | .9833762        | .9706539        | 18.36930        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>7.664354</b> | <b>.0149409</b> | <b>.0405016</b> | <b>.0003172</b> | <b>7.401581</b> | <b>4.993131</b> | <b>-.003561</b> |
| #2 | <b>7.889565</b> | <b>.0095196</b> | <b>.0410495</b> | <b>.0001226</b> | <b>7.402146</b> | <b>5.062694</b> | <b>-.002974</b> |
| #3 | <b>7.941556</b> | <b>.0131760</b> | <b>.0394172</b> | <b>.0006167</b> | <b>7.528655</b> | <b>5.087686</b> | <b>-.004298</b> |

Sample Name: K1963-14      Acquired: 03/19/2019 20:54:58      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-DUP04-201 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001777</b> | <b>.0009221</b> | <b>.3100828</b> |
| Stddev | .002583         | .0002013        | .0001085        |
| %RSD   | 145.3701        | 21.83230        | .0349766        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.003003</b> | <b>.0009265</b> | <b>.3100437</b> |
| #2 | <b>-.003519</b> | <b>.0007186</b> | <b>.3099993</b> |
| #3 | <b>.001191</b>  | <b>.0011212</b> | <b>.3102054</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2641.393</b> | <b>2856.389</b> | <b>59587.45</b> | <b>5385.657</b> | <b>4352.840</b> |
| Stddev    | 37.351          | 20.434          | 511.12          | 28.832          | 38.396          |
| %RSD      | 1.414073        | .7153861        | .8577603        | .5353396        | .8820816        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2600.254</b> | <b>2870.410</b> | <b>58997.38</b> | <b>5418.529</b> | <b>4375.264</b> |
| #2 | <b>2650.747</b> | <b>2865.815</b> | <b>59871.91</b> | <b>5364.656</b> | <b>4374.750</b> |
| #3 | <b>2673.179</b> | <b>2832.944</b> | <b>59893.04</b> | <b>5373.786</b> | <b>4308.506</b> |

Sample Name: K1969-02      Acquired: 03/19/2019 20:58:49      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-TT-MW203I Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000016</b> | <b>-.002441</b> | <b>.0027351</b> | <b>.0044560</b> | <b>.0001430</b> | <b>.8343241</b> | <b>.0988529</b> |
| Stddev | .003520         | .001433         | .0029436        | .0030067        | .0002991        | .0162981        | .0010885        |
| %RSD   | 21595.39        | 58.71405        | 107.6235        | 67.47444        | 209.2230        | 1.953445        | 1.101116        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000501  | -.000879 | .0033766 | .0074440 | -.000185 | .8243643 | .0986482 |
| #2 | .003217  | -.002748 | -.000476 | .0044928 | .000212  | .8531326 | .1000292 |
| #3 | -.003766 | -.003695 | .005305  | .0014311 | .000401  | .8254755 | .0978813 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000081</b> | <b>.0002167</b> | <b>20.74087</b> | <b>.0154530</b> | <b>.0132029</b> | <b>.0043476</b> | <b>.7775660</b> |
| Stddev | .000040         | .0000470        | .08617          | .0003861        | .0003204        | .0023768        | .0135050        |
| %RSD   | 50.09088        | 21.68561        | .4154620        | 2.498788        | 2.426456        | 54.66927        | 1.736833        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000034 | .0002537 | 20.72337 | .0151453 | .0129117 | .0016289 | .7917527 |
| #2 | -.000108 | .0002324 | 20.83445 | .0153276 | .0131509 | .0060318 | .7760797 |
| #3 | -.000099 | .0001638 | 20.66480 | .0158863 | .0135461 | .0053820 | .7648656 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1203089</b> | <b>6.813023</b> | <b>.0237985</b> | <b>-.000034</b> | <b>33.92669</b> | <b>-.000380</b> | <b>.0742274</b> |
| Stddev | .0005856        | .078125         | .0004845        | .000320         | .38936          | .000598         | .0005279        |
| %RSD   | .4867759        | 1.146698        | 2.036061        | 946.7809        | 1.147656        | 157.1222        | .7111849        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1200210 | 6.804337 | .0243458 | .000157  | 33.54544 | -.001049 | .0736613 |
| #2 | .1209828 | 6.895128 | .0234240 | .000144  | 33.91094 | .000102  | .0743146 |
| #3 | .1199230 | 6.739604 | .0236259 | -.000403 | 34.32368 | -.000195 | .0747062 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.480786</b> | <b>.0002000</b> | <b>.0639231</b> | <b>.0005928</b> | <b>11.53761</b> | <b>8.421257</b> | <b>-.001687</b> |
| Stddev | .064533         | .0012160        | .0012042        | .0001077        | .15956          | .026614         | .000129         |
| %RSD   | 1.177444        | 607.9704        | 1.883862        | 18.16229        | 1.382961        | .3160384        | 7.616675        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.413982 | -.001194 | .0652515 | .0007059 | 11.44507 | 8.433369 | -.001558 |
| #2 | 5.485596 | .000753  | .0636147 | .0004915 | 11.44590 | 8.439662 | -.001690 |
| #3 | 5.542780 | .001041  | .0629031 | .0005810 | 11.72185 | 8.390741 | -.001815 |

Sample Name: K1969-02      Acquired: 03/19/2019 20:58:49      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-TT-MW203I Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0266544</b> | <b>-.000573</b> | <b>.2134618</b> |
| Stddev | .0008031        | .002932         | .0007623        |
| %RSD   | 3.012892        | 512.1054        | .3570909        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0258197</b> | <b>-.003928</b> | <b>.2138269</b> |
| #2 | <b>.0274215</b> | <b>.000716</b>  | <b>.2125857</b> |
| #3 | <b>.0267219</b> | <b>.001495</b>  | <b>.2139729</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2704.312</b> | <b>2936.214</b> | <b>60737.00</b> | <b>5432.227</b> | <b>4488.410</b> |
| Stddev    | 11.957          | 28.231          | 287.03          | 24.671          | 45.079          |
| %RSD      | .4421277        | .9614883        | .4725786        | .4541557        | 1.004345        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2707.226</b> | <b>2942.979</b> | <b>60890.86</b> | <b>5414.650</b> | <b>4505.764</b> |
| #2 | <b>2691.168</b> | <b>2960.448</b> | <b>60405.84</b> | <b>5421.600</b> | <b>4522.233</b> |
| #3 | <b>2714.542</b> | <b>2905.215</b> | <b>60914.29</b> | <b>5460.430</b> | <b>4437.233</b> |

Sample Name: K1969-03      Acquired: 03/19/2019 21:02:39      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW31      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0034461 | -.003628 | .0027144 | .0060901 | -.000204 | 1.194551 | .0404694 |
| Stddev | .0030581 | .000896  | .0007713 | .0006769 | .001862  | .026420  | .0002947 |
| %RSD   | 88.74234 | 24.68829 | 28.41381 | 11.11525 | 910.4273 | 2.211730 | .7282616 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0069721 | -.004588 | .0035982 | .0060954 | -.000131 | 1.218544 | .0402066 |
| #2 | .0015170 | -.003482 | .0021775 | .0054105 | .001619  | 1.166236 | .0404135 |
| #3 | .0018492 | -.002815 | .0023675 | .0067643 | -.002102 | 1.198873 | .0407881 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000211 | .0014330 | 16.07176 | .0062647 | -.000878 | .0019131 | 1.927171 |
| Stddev | .000010  | .0000856 | .07490   | .0001697 | .000179  | .0027222 | .007445  |
| %RSD   | 4.773337 | 5.976840 | .4660618 | 2.708848 | 20.40366 | 142.2952 | .3863149 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000200 | .0015009 | 16.02132 | .0062078 | -.000749 | .0049818 | 1.934684 |
| #2 | -.000219 | .0014614 | 16.03613 | .0064555 | -.001083 | .0009682 | 1.919796 |
| #3 | -.000213 | .0013368 | 16.15783 | .0061307 | -.000803 | -.000211 | 1.927032 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0042487 | 4.103184 | .0031097 | -.000449 | 44.35963 | .0006592 | .0194750 |
| Stddev | .0010197 | .021235  | .0001402 | .000454  | .06722   | .0058976 | .0004030 |
| %RSD   | 24.00072 | .5175257 | 4.508170 | 101.0837 | .1515422 | 894.7097 | 2.069534 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0038971 | 4.085551 | .0031249 | -.000007 | 44.28822 | .0004589 | .0196629 |
| #2 | .0053977 | 4.126757 | .0029625 | -.000427 | 44.36899 | .0066544 | .0197498 |
| #3 | .0034513 | 4.097245 | .0032416 | -.000914 | 44.42168 | -.005136 | .0190123 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.944421 | .0066103 | .0405138 | .0004275 | 5.705037 | 5.560641 | -.003320 |
| Stddev | .067742  | .0023948 | .0010815 | .0003744 | .072213  | .024241  | .001256  |
| %RSD   | 1.717416 | 36.22880 | 2.669555 | 87.57670 | 1.265770 | .4359323 | 37.83300 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.883940 | .0078019 | .0402782 | .0007126 | 5.687898 | 5.574681 | -.003879 |
| #2 | 3.931702 | .0038534 | .0395694 | .0005663 | 5.642936 | 5.532651 | -.001882 |
| #3 | 4.017621 | .0081756 | .0416937 | .0000035 | 5.784277 | 5.574592 | -.004200 |

Sample Name: K1969-03      Acquired: 03/19/2019 21:02:39      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW31      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0393656 | -.001503 | .1068726 |
| Stddev | .0044282 | .002213  | .0006687 |
| %RSD   | 11.24896 | 147.2822 | .6256535 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0354526 | -.004043 | .1068536 |
| #2 | .0441726 | -.000471 | .1062137 |
| #3 | .0384715 | .000006  | .1075506 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2713.576 | 2957.226 | 60958.90 | 5502.410 | 4518.415 |
| Stddev    | 17.041   | 35.632   | 149.51   | 11.991   | 48.385   |
| %RSD      | .6279731 | 1.204922 | .2452596 | .2179290 | 1.070831 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2698.637 | 2966.758 | 60794.67 | 5501.130 | 4537.170 |
| #2 | 2709.955 | 2987.122 | 61087.10 | 5514.990 | 4554.614 |
| #3 | 2732.136 | 2917.797 | 60994.93 | 5491.110 | 4463.460 |



Sample Name: K1969-05      Acquired: 03/19/2019 21:06:30      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW30      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000206</b> | <b>-.003594</b> | <b>.0010322</b> | <b>.0048508</b> | <b>-.000445</b> | <b>.0785874</b> | <b>.0824340</b> |
| Stddev | .002742         | .000672         | .0006678        | .0017656        | .000978         | .0214598        | .0010036        |
| %RSD   | 1332.467        | 18.70940        | 64.69576        | 36.39916        | 219.6106        | 27.30691        | 1.217493        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000540  | -.004368 | .0006626 | .0037595 | .000523  | .1011433 | .0820456 |
| #2 | -.003244 | -.003156 | .0006309 | .0068878 | -.001433 | .0584243 | .0835739 |
| #3 | .002087  | -.003257 | .0018031 | .0039049 | -.000427 | .0761945 | .0816827 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000217</b> | <b>.0035548</b> | <b>35.39553</b> | <b>.0143309</b> | <b>-.001514</b> | <b>.0002599</b> | <b>.0899458</b> |
| Stddev | .000018         | .0000755        | .32863          | .0003528        | .000224         | .0015202        | .0311693        |
| %RSD   | 8.196021        | 2.123770        | .9284585        | 2.461555        | 14.77236        | 585.0121        | 34.65347        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000206 | .0034677 | 35.24149 | .0141768 | -.001317 | -.000253 | .0904980 |
| #2 | -.000206 | .0035945 | 35.77289 | .0147345 | -.001469 | .001970  | .0585040 |
| #3 | -.000237 | .0036022 | 35.17222 | .0140814 | -.001758 | -.000937 | .1208353 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0023155</b> | <b>12.18680</b> | <b>.0027306</b> | <b>.0003251</b> | <b>104.5791</b> | <b>-.003182</b> | <b>.0644103</b> |
| Stddev | .0010270        | .26729          | .0000706        | .0000942        | .7001           | .002852         | .0003371        |
| %RSD   | 44.35471        | 2.193316        | 2.586556        | 28.96668        | .6694720        | 89.64514        | .5234052        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012255 | 12.00066 | .0027145 | .0004291 | 104.2261 | .000073  | .0640239 |
| #2 | .0024558 | 12.49308 | .0026695 | .0002456 | 105.3854 | -.005244 | .0645626 |
| #3 | .0032651 | 12.06665 | .0028080 | .0003006 | 104.1257 | -.004374 | .0646445 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.526716</b> | <b>.0014326</b> | <b>.0078399</b> | <b>-.000004</b> | <b>1.566269</b> | <b>3.490755</b> | <b>-.003945</b> |
| Stddev | .109437         | .0007577        | .0006238        | .000325         | .015517         | .033495         | .000266         |
| %RSD   | 4.331196        | 52.89174        | 7.956371        | 7517.346        | .9906866        | .9595472        | 6.738704        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.500161 | .0010601 | .0071513 | -.000237 | 1.555635 | 3.476229 | -.003948 |
| #2 | 2.433000 | .0009333 | .0083672 | -.000143 | 1.559097 | 3.529062 | -.004209 |
| #3 | 2.646986 | .0023046 | .0080010 | .000367  | 1.584074 | 3.466975 | -.003677 |

Sample Name: K1969-05      Acquired: 03/19/2019 21:06:30      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BPS1-TT-MW30      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0049599</b> | <b>.0006508</b> | <b>.1885361</b> |
| Stddev | .0112671        | .0005599        | .0010081        |
| %RSD   | 227.1626        | 86.02769        | .5346820        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0004109</b> | <b>.0010292</b> | <b>.1881462</b> |
| #2 | <b>-.003321</b> | <b>.0000077</b> | <b>.1896809</b> |
| #3 | <b>.017790</b>  | <b>.0009155</b> | <b>.1877812</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2679.585</b> | <b>2895.362</b> | <b>60083.93</b> | <b>5430.317</b> | <b>4390.557</b> |
| Stddev    | 14.224          | 34.189          | 354.74          | 22.152          | 46.182          |
| %RSD      | .5308225        | 1.180816        | .5904081        | .4079344        | 1.051852        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2669.906</b> | <b>2907.231</b> | <b>59865.26</b> | <b>5434.010</b> | <b>4406.003</b> |
| #2 | <b>2695.916</b> | <b>2922.035</b> | <b>60493.23</b> | <b>5406.550</b> | <b>4427.037</b> |
| #3 | <b>2672.933</b> | <b>2856.821</b> | <b>59893.30</b> | <b>5450.390</b> | <b>4338.632</b> |

Sample Name: K1969-07      Acquired: 03/19/2019 21:10:22      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-HN-MW29IR      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021017 | -.002043 | .0045669 | .0062922 | .0016453 | .4729122 | .0472185 |
| Stddev | .0026690 | .003515  | .0006162 | .0027739 | .0002656 | .0086725 | .0004013 |
| %RSD   | 126.9948 | 172.0282 | 13.49355 | 44.08457 | 16.14207 | 1.833847 | .8498423 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000832 | -.005973 | .0051145 | .0094404 | .0015392 | .4827039 | .0469164 |
| #2 | .002751  | .000799  | .0046865 | .0042068 | .0019476 | .4698343 | .0476738 |
| #3 | .004386  | -.000955 | .0038996 | .0052295 | .0014492 | .4661985 | .0470651 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000246 | .0001832 | 28.26291 | .0160929 | -.001055 | .0077618 | .9050584 |
| Stddev | .000075  | .0000234 | .06379   | .0005739 | .000149  | .0010620 | .0328945 |
| %RSD   | 30.49304 | 12.77941 | .2256937 | 3.566258 | 14.15883 | 13.68300 | 3.634514 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000208 | .0001842 | 28.23228 | .0164166 | -.000893 | .0084815 | .8698092 |
| #2 | -.000333 | .0002060 | 28.33624 | .0164319 | -.001084 | .0065420 | .9349371 |
| #3 | -.000197 | .0001593 | 28.22022 | .0154303 | -.001188 | .0082618 | .9104290 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0214038 | 1.882815 | .0031990 | .0000403 | 13.92291 | -.001503 | .0680954 |
| Stddev | .0011594 | .133231  | .0002215 | .0006556 | .12058   | .001772  | .0003353 |
| %RSD   | 5.416837 | 7.076164 | 6.925042 | 1624.588 | .8660417 | 117.9362 | .4924523 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0225244 | 1.748156 | .0029680 | .0007005 | 13.78758 | -.001676 | .0683523 |
| #2 | .0202091 | 1.885718 | .0032196 | .0000310 | 13.96223 | -.003182 | .0677161 |
| #3 | .0214779 | 2.014571 | .0034096 | -.000611 | 14.01892 | .000350  | .0682179 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.812470 | .0348913 | .0418855 | .0004797 | 3.092625 | 7.126823 | -.002740 |
| Stddev | .074649  | .0011862 | .0002653 | .0000947 | .030813  | .041216  | .000184  |
| %RSD   | 4.118628 | 3.399619 | .6333815 | 19.74514 | .9963434 | .5783198 | 6.733023 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.747076 | .0361337 | .0420436 | .0004155 | 3.071785 | 7.141923 | -.002537 |
| #2 | 1.796534 | .0337708 | .0415792 | .0004352 | 3.078070 | 7.158359 | -.002897 |
| #3 | 1.893801 | .0347694 | .0420337 | .0005885 | 3.128019 | 7.080187 | -.002786 |

Sample Name: K1969-07      Acquired: 03/19/2019 21:10:22      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-HN-MW29IR      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0210288</b> | <b>.0061064</b> | <b>1.182941</b> |
| Stddev | .0017226        | .0015311        | .001432         |
| %RSD   | 8.191616        | 25.07313        | .1210498        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0197586</b> | <b>.0051923</b> | <b>1.181529</b> |
| #2 | <b>.0229895</b> | <b>.0052530</b> | <b>1.184392</b> |
| #3 | <b>.0203382</b> | <b>.0078740</b> | <b>1.182902</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2697.254</b> | <b>2934.685</b> | <b>60352.54</b> | <b>5443.385</b> | <b>4504.509</b> |
| Stddev    | 20.407          | 27.752          | 188.96          | 19.452          | 29.745          |
| %RSD      | .7565746        | .9456503        | .3130897        | .3573556        | .6603279        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2679.924</b> | <b>2942.788</b> | <b>60552.21</b> | <b>5430.525</b> | <b>4512.852</b> |
| #2 | <b>2719.746</b> | <b>2957.484</b> | <b>60176.52</b> | <b>5433.866</b> | <b>4529.192</b> |
| #3 | <b>2692.091</b> | <b>2903.784</b> | <b>60328.89</b> | <b>5465.763</b> | <b>4471.484</b> |

Sample Name: K1969-08      Acquired: 03/19/2019 21:14:14      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-TT-AOC22-      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065460 | -.003557 | .0022526 | .0084890 | -.000235 | .2038558 | .2332730 |
| Stddev | .0032848 | .001620  | .0004721 | .0021724 | .000278  | .0194113 | .0007413 |
| %RSD   | 50.17987 | 45.53424 | 20.95735 | 25.59090 | 117.9201 | 9.522066 | .3177756 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0084318 | -.003017 | .0018068 | .0096336 | -.000357 | .1957152 | .2325257 |
| #2 | .0027531 | -.005378 | .0027471 | .0059836 | .000082  | .1898404 | .2332853 |
| #3 | .0084531 | -.002277 | .0022038 | .0098498 | -.000432 | .2260119 | .2340081 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000281 | .0002102 | 43.07017 | .0134339 | -.001394 | -.001244 | .7320222 |
| Stddev | .000015  | .0000328 | .64478   | .0002809 | .000144  | .002549  | .0140840 |
| %RSD   | 5.404213 | 15.58408 | 1.497050 | 2.091244 | 10.32926 | 204.8531 | 1.923978 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000274 | .0002453 | 42.36613 | .0132619 | -.001311 | -.003888 | .7344003 |
| #2 | -.000298 | .0001805 | 43.21246 | .0137581 | -.001560 | .001197  | .7169006 |
| #3 | -.000270 | .0002048 | 43.63192 | .0132816 | -.001310 | -.001041 | .7447657 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0730601 | 10.42295 | .0009552 | .0003117 | 38.53430 | -.003185 | .0114868 |
| Stddev | .0034218 | .21368   | .0001859 | .0004563 | .19725   | .003752  | .0005730 |
| %RSD   | 4.683517 | 2.050083 | 19.46631 | 146.3734 | .5118754 | 117.7815 | 4.988313 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0699683 | 10.21979 | .0009399 | .0001355 | 38.36058 | -.003659 | .0111033 |
| #2 | .0724754 | 10.40327 | .0007773 | .0008299 | 38.49360 | -.006678 | .0121454 |
| #3 | .0767366 | 10.64578 | .0011483 | -.000030 | 38.74872 | .000781  | .0112116 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.934735 | .1317973 | .0679074 | -.000007 | 18.88412 | 9.151892 | -.003814 |
| Stddev | .114855  | .0047769 | .0016049 | .000172  | .22861   | .075823  | .000999  |
| %RSD   | 1.447492 | 3.624448 | 2.363411 | 2517.865 | 1.210614 | .8284969 | 26.20394 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.807935 | .1312479 | .0678170 | -.000193 | 18.75669 | 9.168280 | -.004961 |
| #2 | 7.964475 | .1273189 | .0663495 | .000029  | 18.74761 | 9.069215 | -.003343 |
| #3 | 8.031794 | .1368252 | .0695556 | .000144  | 19.14805 | 9.218181 | -.003137 |

Sample Name: K1969-08      Acquired: 03/19/2019 21:14:14      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-TT-AOC22-      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0042130</b> | <b>-.001891</b> | <b>.3611913</b> |
| Stddev | .0022284        | .001454         | .0002591        |
| %RSD   | 52.89196        | 76.90964        | .0717486        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0016694</b> | <b>-.003171</b> | <b>.3608924</b> |
| #2 | <b>.0058209</b> | <b>-.002194</b> | <b>.3613278</b> |
| #3 | <b>.0051488</b> | <b>-.000309</b> | <b>.3613536</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2677.501</b> | <b>2916.743</b> | <b>60019.77</b> | <b>5488.239</b> | <b>4448.900</b> |
| Stddev    | 19.677          | 35.202          | 281.85          | 26.150          | 58.071          |
| %RSD      | .7349186        | 1.206884        | .4695949        | .4764721        | 1.305294        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2693.979</b> | <b>2938.609</b> | <b>60340.01</b> | <b>5511.103</b> | <b>4478.290</b> |
| #2 | <b>2655.714</b> | <b>2935.484</b> | <b>59809.43</b> | <b>5493.886</b> | <b>4486.402</b> |
| #3 | <b>2682.809</b> | <b>2876.135</b> | <b>59909.86</b> | <b>5459.726</b> | <b>4382.009</b> |

Sample Name: CCV12      Acquired: 03/19/2019 21:18:04      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCV14707      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.875912</b> | <b>4.779515</b> | <b>4.742570</b> | <b>4.850448</b> | <b>4.883671</b> | <b>9.707748</b> | <b>9.706642</b> |
| Stddev | .065531         | .067766         | .066748         | .079960         | .077514         | .029222         | .032375         |
| %RSD   | 1.343965        | 1.417835        | 1.407428        | 1.648501        | 1.587200        | .3010143        | .3335382        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.833076 | 4.722816 | 4.692751 | 4.804920 | 4.824740 | 9.674006 | 9.725503 |
| #2 | 4.843311 | 4.761162 | 4.716548 | 4.803650 | 4.854796 | 9.724372 | 9.725163 |
| #3 | 4.951349 | 4.854566 | 4.818409 | 4.942775 | 4.971478 | 9.724865 | 9.669258 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2738770</b> | <b>2.506685</b> | <b>24.93843</b> | <b>.9406980</b> | <b>2.394678</b> | <b>1.219955</b> | <b>5.460933</b> |
| Stddev | .0028553        | .032506         | .19227          | .0021144        | .034982         | .007346         | .046756         |
| %RSD   | 1.042548        | 1.296767        | .7709870        | .2247738        | 1.460844        | .6021467        | .8561908        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2706399 | 2.483483 | 24.74408 | .9413917 | 2.365611 | 1.221631 | 5.422322 |
| #2 | .2749541 | 2.492735 | 24.94266 | .9383238 | 2.384919 | 1.226319 | 5.512919 |
| #3 | .2760372 | 2.543837 | 25.12856 | .9423784 | 2.433503 | 1.211916 | 5.447559 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.509255</b> | <b>26.43544</b> | <b>2.400933</b> | <b>1.228068</b> | <b>25.62663</b> | <b>2.476145</b> | <b>2.416409</b> |
| Stddev | .019543         | .18585          | .035923         | .007628         | .15911          | .005650         | .004152         |
| %RSD   | .7788477        | .7030469        | 1.496191        | .6211525        | .6208639        | .2281587        | .1718067        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.487295 | 26.23153 | 2.371297 | 1.236749 | 25.70322 | 2.469625 | 2.413470 |
| #2 | 2.515732 | 26.47945 | 2.390617 | 1.225024 | 25.73295 | 2.479203 | 2.414599 |
| #3 | 2.524737 | 26.59534 | 2.440885 | 1.222433 | 25.44371 | 2.479606 | 2.421158 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>24.41085</b> | <b>5.289471</b> | <b>4.790180</b> | <b>4.972335</b> | <b>4.756411</b> | <b>4.668659</b> | <b>4.744929</b> |
| Stddev | .16157          | .077856         | .033041         | .075681         | .070032         | .041178         | .064237         |
| %RSD   | .6618728        | 1.471913        | .6897684        | 1.522042        | 1.472368        | .8820180        | 1.353801        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.23252 | 5.226252 | 4.752057 | 4.913462 | 4.714986 | 4.622911 | 4.704571 |
| #2 | 24.45258 | 5.265726 | 4.807942 | 4.945844 | 4.716978 | 4.680309 | 4.711211 |
| #3 | 24.54747 | 5.376435 | 4.810541 | 5.057701 | 4.837269 | 4.702758 | 4.819004 |

Sample Name: CCV12      Acquired: 03/19/2019 21:18:04      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: CCV14707      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>4.896533</b> | <b>4.766309</b> | <b>4.800660</b> |
| Stddev | .016364         | .010123         | .009886         |
| %RSD   | .3342045        | .2123776        | .2059232        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.877816 | 4.766198 | 4.789670 |
| #2 | 4.903648 | 4.776486 | 4.803481 |
| #3 | 4.908136 | 4.756242 | 4.808828 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2754.677</b> | <b>2951.393</b> | <b>60999.18</b> | <b>5395.661</b> | <b>4408.116</b> |
| Stddev    | 17.128          | 33.412          | 591.72          | 16.132          | 44.867          |
| %RSD      | .6217939        | 1.132088        | .9700392        | .2989869        | 1.017834        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2735.842 | 2978.069 | 60320.97 | 5410.074 | 4441.855 |
| #2 | 2758.868 | 2962.193 | 61410.02 | 5398.675 | 4425.296 |
| #3 | 2769.321 | 2913.916 | 61266.55 | 5378.234 | 4357.198 |



Sample Name: CCB12      Acquired: 03/19/2019 21:21:37      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCB14707      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055597 | .0017931 | .0017301 | .0058669 | .0004388 | -.009154 | .0001851 |
| Stddev | .0001844 | .0008228 | .0012502 | .0019619 | .0007675 | .003841  | .0014140 |
| %RSD   | 3.317158 | 45.88738 | 72.26573 | 33.44003 | 174.8913 | 41.95594 | 764.1229 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0057480 | .0008621 | .0005011 | .0055898 | -.000028 | -.005280 | .0017591 |
| #2 | .0055514 | .0024228 | .0016885 | .0040583 | .001325  | -.012961 | -.000226 |
| #3 | .0053795 | .0020942 | .0030006 | .0079525 | .000020  | -.009220 | -.000978 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000640 | .0009028 | .0205043 | -.000124 | .0007703 | .0002582 | -.022103 |
| Stddev | .0000229 | .0001326 | .0340670 | .000414  | .0002597 | .0030372 | .030876  |
| %RSD   | 35.70864 | 14.68730 | 166.1455 | 332.6672 | 33.71453 | 1176.252 | 139.6932 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000403 | .0007758 | .0393335 | -.000401 | .0005991 | .0028410 | -.027120 |
| #2 | .0000657 | .0008921 | .0410004 | -.000324 | .0006427 | .0010214 | .010975  |
| #3 | .0000860 | .0010403 | -.018821 | .000351  | .0010691 | -.003088 | -.050163 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004659 | .0161975 | .0010803 | .0004634 | .7441988 | -.004170 | -.000359 |
| Stddev | .0022519 | .0711312 | .0002857 | .0004129 | .2905074 | .002486  | .000485  |
| %RSD   | 483.3312 | 439.1504 | 26.44841 | 89.11816 | 39.03626 | 59.62052 | 135.0463 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0029819 | .0000071 | .0008242 | .0006963 | .5930015 | -.005794 | -.000537 |
| #2 | -.001361 | .0940282 | .0013885 | -.000013 | .5604732 | -.001308 | -.000731 |
| #3 | -.000223 | -.045443 | .0010282 | .000707  | 1.079122 | -.005409 | .000190  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3451942 | -.005450 | .0029896 | .0014705 | .0027978 | .0059169 | .0015861 |
| Stddev | .0785881 | .001371  | .0006741 | .0002014 | .0012110 | .0006494 | .0005240 |
| %RSD   | 22.76634 | 25.15365 | 22.54940 | 13.69895 | 43.28301 | 10.97461 | 33.04006 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2699354 | -.003869 | .0035771 | .0014642 | .0032453 | .0065125 | .0013939 |
| #2 | .3389128 | -.006171 | .0031382 | .0016751 | .0037214 | .0052247 | .0021791 |
| #3 | .4267346 | -.006310 | .0022536 | .0012724 | .0014268 | .0060136 | .0011853 |

Sample Name: CCB12      Acquired: 03/19/2019 21:21:37      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: CCB14707      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001256</b> | <b>.0000513</b> | <b>.0014348</b> |
| Stddev | .002391         | .0025575        | .0006274        |
| %RSD   | 190.4362        | 4988.119        | 43.72665        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.003436</b> | <b>.0002257</b> | <b>.0020803</b> |
| #2 | <b>-.001633</b> | <b>-.002589</b> | <b>.0013967</b> |
| #3 | <b>.001302</b>  | <b>.002517</b>  | <b>.0008273</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2719.224</b> | <b>2960.798</b> | <b>60108.93</b> | <b>5331.123</b> | <b>4473.468</b> |
| Stddev    | 18.355          | 20.446          | 92.42           | 40.647          | 29.965          |
| %RSD      | .6750031        | .6905495        | .1537524        | .7624379        | .6698393        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2698.465</b> | <b>2967.257</b> | <b>60075.16</b> | <b>5289.930</b> | <b>4482.470</b> |
| #2 | <b>2733.303</b> | <b>2977.234</b> | <b>60038.14</b> | <b>5371.200</b> | <b>4497.900</b> |
| #3 | <b>2725.905</b> | <b>2937.902</b> | <b>60213.48</b> | <b>5332.240</b> | <b>4440.034</b> |

Sample Name: K1969-09      Acquired: 03/19/2019 21:25:31      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-TT-DUP06-      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049663 | -.001707 | .0028265 | .0062035 | -.001722 | .1847506 | .2398065 |
| Stddev | .0052173 | .002888  | .0005422 | .0021682 | .000385  | .0197033 | .0049149 |
| %RSD   | 105.0532 | 169.2198 | 19.18465 | 34.95178 | 22.35916 | 10.66482 | 2.049507 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0107720 | .001070  | .0029660 | .0076255 | -.002161 | .1619992 | .2341503 |
| #2 | .0006704 | -.001496 | .0022281 | .0072770 | -.001564 | .1961538 | .2430356 |
| #3 | .0034566 | -.004694 | .0032854 | .0037079 | -.001441 | .1960989 | .2422336 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000237 | .0002078 | 43.53185 | .0139912 | -.001134 | .0005929 | .5494828 |
| Stddev | .000069  | .0000243 | .91231   | .0002895 | .000170  | .0085155 | .0393855 |
| %RSD   | 29.21547 | 11.70527 | 2.095732 | 2.068804 | 14.99910 | 1436.321 | 7.167736 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000199 | .0002267 | 42.65494 | .0143183 | -.001124 | .0056015 | .5252274 |
| #2 | -.000316 | .0002165 | 44.47585 | .0138868 | -.001308 | -.009239 | .5282942 |
| #3 | -.000194 | .0001804 | 43.46477 | .0137684 | -.000969 | .005416  | .5949267 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0783554 | 10.69441 | .0008720 | .0000981 | 39.88798 | -.000039 | .0102041 |
| Stddev | .0019673 | .18185   | .0001012 | .0002222 | .89889   | .002669  | .0007406 |
| %RSD   | 2.510688 | 1.700442 | 11.61224 | 226.4214 | 2.253534 | 6760.870 | 7.257504 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0770316 | 10.48484 | .0007551 | .0002513 | 39.09746 | -.002641 | .0106839 |
| #2 | .0806160 | 10.78770 | .0009269 | -.000157 | 40.86575 | -.000169 | .0093512 |
| #3 | .0774186 | 10.81067 | .0009339 | .000200  | 39.70074 | .002692  | .0105772 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.958911 | .1353097 | .0770081 | .0002084 | 19.64958 | 9.414499 | -.002661 |
| Stddev | .210745  | .0012887 | .0030005 | .0002352 | .22557   | .213033  | .001222  |
| %RSD   | 2.647918 | .9523954 | 3.896376 | 112.8682 | 1.147961 | 2.262816 | 45.92999 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.726749 | .1341814 | .0739878 | -.000060 | 19.46792 | 9.199987 | -.003369 |
| #2 | 8.138151 | .1350336 | .0799884 | .000306  | 19.57876 | 9.626021 | -.003365 |
| #3 | 8.011835 | .1367140 | .0770482 | .000379  | 19.90206 | 9.417489 | -.001250 |

Sample Name: K1969-09      Acquired: 03/19/2019 21:25:31      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: BP-TT-DUP06-      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0026689</b> | <b>-.002613</b> | <b>.3698834</b> |
| Stddev | .0025977        | .001874         | .0082874        |
| %RSD   | 97.33034        | 71.72859        | 2.240556        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0022507</b> | <b>-.004747</b> | <b>.3603142</b> |
| #2 | <b>.0054504</b> | <b>-.001856</b> | <b>.3746023</b> |
| #3 | <b>.0003057</b> | <b>-.001235</b> | <b>.3747337</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2672.720</b> | <b>2885.885</b> | <b>60304.92</b> | <b>5431.886</b> | <b>4403.037</b> |
| Stddev    | 25.716          | 21.617          | 132.81          | 109.441         | 41.796          |
| %RSD      | .9621595        | .7490665        | .2202376        | 2.014786        | .9492565        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2646.874 | 2895.335 | 60156.14 | 5507.682 | 4425.648 |
| #2 | 2672.983 | 2901.168 | 60411.53 | 5306.418 | 4428.657 |
| #3 | 2698.303 | 2861.152 | 60347.08 | 5481.558 | 4354.806 |

Sample Name: K1692-04      Acquired: 03/19/2019 21:29:21      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: OK-02-031819 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0044024</b> | <b>-.000810</b> | <b>.0014418</b> | <b>.0019165</b> | <b>-.001220</b> | <b>.0444678</b> | <b>.0796956</b> |
| Stddev | .0015290        | .001574         | .0019247        | .0011185        | .001669         | .0083843        | .0004825        |
| %RSD   | 34.73098        | 194.3425        | 133.4896        | 58.36107        | 136.8083        | 18.85476        | .6054917        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0026374</b> | <b>-.000156</b> | <b>.0004168</b> | <b>.0030663</b> | <b>-.002327</b> | <b>.0520125</b> | <b>.0791604</b> |
| #2 | <b>.0053226</b> | <b>-.002605</b> | <b>.0036621</b> | <b>.0008323</b> | <b>.000700</b>  | <b>.0354414</b> | <b>.0798292</b> |
| #3 | <b>.0052471</b> | <b>.000332</b>  | <b>.0002466</b> | <b>.0018508</b> | <b>-.002032</b> | <b>.0459495</b> | <b>.0800974</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000168</b> | <b>.0001266</b> | <b>159.8587</b> | <b>.0013247</b> | <b>-.000600</b> | <b>.0014460</b> | <b>-.018624</b> |
| Stddev | .000035         | .0000395        | 2.0849          | .0003971        | .000222         | .0036039        | .002223         |
| %RSD   | 20.69814        | 31.17166        | 1.304192        | 29.97408        | 37.05002        | 249.2327        | 11.93647        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000154</b> | <b>.0001277</b> | <b>158.8384</b> | <b>.0011428</b> | <b>-.000592</b> | <b>-.002525</b> | <b>-.017155</b> |
| #2 | <b>-.000142</b> | <b>.0001656</b> | <b>158.4804</b> | <b>.0010512</b> | <b>-.000826</b> | <b>.004510</b>  | <b>-.021181</b> |
| #3 | <b>-.000208</b> | <b>.0000867</b> | <b>162.2572</b> | <b>.0017801</b> | <b>-.000382</b> | <b>.002353</b>  | <b>-.017535</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5084741</b> | <b>3.262152</b> | <b>.0007301</b> | <b>.0001256</b> | <b>290.0140</b> | <b>.0002863</b> | <b>.0087398</b> |
| Stddev | .0092940        | .087802         | .0002490        | .0008663        | 3.0327          | .0021556        | .0006251        |
| %RSD   | 1.827820        | 2.691548        | 34.10099        | 689.8199        | 1.045704        | 753.0066        | 7.152799        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.5095298</b> | <b>3.230676</b> | <b>.0004537</b> | <b>.0008407</b> | <b>287.0308</b> | <b>.0023003</b> | <b>.0090518</b> |
| #2 | <b>.4986973</b> | <b>3.194426</b> | <b>.0008000</b> | <b>.0003737</b> | <b>289.9172</b> | <b>.0005458</b> | <b>.0080201</b> |
| #3 | <b>.5171952</b> | <b>3.361354</b> | <b>.0009367</b> | <b>-.000838</b> | <b>293.0939</b> | <b>-.001987</b> | <b>.0091476</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9373287</b> | <b>.0070471</b> | <b>.0026515</b> | <b>.0002664</b> | <b>.1488045</b> | <b>.1751253</b> | <b>-.005019</b> |
| Stddev | .0497056        | .0014770        | .0002637        | .0003427        | .0015365        | .0020767        | .000390         |
| %RSD   | 5.302905        | 20.95897        | 9.944109        | 128.6447        | 1.032571        | 1.185852        | 7.765598        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.9737810</b> | <b>.0076506</b> | <b>.0024775</b> | <b>.0000291</b> | <b>.1475311</b> | <b>.1774068</b> | <b>-.004889</b> |
| #2 | <b>.9574963</b> | <b>.0053640</b> | <b>.0029549</b> | <b>.0001107</b> | <b>.1483714</b> | <b>.1746240</b> | <b>-.004711</b> |
| #3 | <b>.8807089</b> | <b>.0081269</b> | <b>.0025221</b> | <b>.0006592</b> | <b>.1505111</b> | <b>.1733451</b> | <b>-.005457</b> |

Sample Name: K1692-04      Acquired: 03/19/2019 21:29:21      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: OK-02-031819 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.003433</b> | <b>-.000576</b> | <b>.6458591</b> |
| Stddev | .000437         | .001154         | .0033585        |
| %RSD   | 12.73078        | 200.1127        | .5200011        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.003434</b> | <b>-.001814</b> | <b>.6420599</b> |
| #2 | <b>-.003869</b> | <b>.000468</b>  | <b>.6470851</b> |
| #3 | <b>-.002995</b> | <b>-.000383</b> | <b>.6484324</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2642.302</b> | <b>2841.647</b> | <b>59594.23</b> | <b>5362.941</b> | <b>4183.713</b> |
| Stddev    | 19.744          | 35.832          | 597.27          | 43.582          | 57.731          |
| %RSD      | .7472351        | 1.260947        | 1.002224        | .8126556        | 1.379897        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2631.778</b> | <b>2856.404</b> | <b>59550.16</b> | <b>5391.258</b> | <b>4210.398</b> |
| #2 | <b>2665.079</b> | <b>2867.743</b> | <b>60212.32</b> | <b>5384.811</b> | <b>4223.274</b> |
| #3 | <b>2630.049</b> | <b>2800.793</b> | <b>59020.22</b> | <b>5312.755</b> | <b>4117.467</b> |

Sample Name: K1692-04DUP      Acquired: 03/19/2019 21:33:12      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: OK-02-031819 Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0030077 | -.001220 | .0014641 | .0020289 | -.000199 | .0501079 | .0808543 |
| Stddev | .0021511 | .001390  | .0014148 | .0005336 | .001608  | .0037860 | .0010160 |
| %RSD   | 71.51883 | 113.9731 | 96.63305 | 26.29847 | 808.6359 | 7.555778 | 1.256571 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0033120 | -.002776 | .0028836 | .0016612 | -.000903 | .0507695 | .0817318 |
| #2 | .0049905 | -.000782 | .0014547 | .0026409 | -.001334 | .0535195 | .0797412 |
| #3 | .0007207 | -.000101 | .0000540 | .0017846 | .001641  | .0460346 | .0810899 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000150 | .0001296 | 161.5600 | .0010335 | -.000726 | .0010384 | -.002571 |
| Stddev | .000046  | .0000380 | .8919    | .0003190 | .000431  | .0036469 | .032171  |
| %RSD   | 30.59629 | 29.30836 | .5520240 | 30.86774 | 59.40558 | 351.2080 | 1251.383 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000202 | .0001412 | 160.5762 | .0013954 | -.000941 | .0040513 | -.026619 |
| #2 | -.000117 | .0000871 | 162.3155 | .0007932 | -.000229 | -.003016 | .033973  |
| #3 | -.000130 | .0001603 | 161.7884 | .0009118 | -.001007 | .002080  | -.015067 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5128460 | 3.318591 | .0009092 | .0004750 | 292.9989 | -.002378 | .0084703 |
| Stddev | .0058711 | .040762  | .0004741 | .0001630 | .9025    | .003729  | .0002677 |
| %RSD   | 1.144802 | 1.228296 | 52.14233 | 34.32154 | .3080288 | 156.7957 | 3.159925 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5135966 | 3.278258 | .0013572 | .0005994 | 292.0039 | -.003555 | .0087793 |
| #2 | .5183057 | 3.317745 | .0009577 | .0005353 | 293.7648 | -.005377 | .0083101 |
| #3 | .5066357 | 3.359770 | .0004127 | .0002904 | 293.2280 | .001797  | .0083216 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9615493 | .0044351 | .0024773 | .0000020 | .1381012 | .1649581 | -.005119 |
| Stddev | .0307493 | .0032281 | .0007309 | .0002651 | .0058839 | .0006984 | .000500  |
| %RSD   | 3.197895 | 72.78520 | 29.50198 | 13177.21 | 4.260596 | .4234123 | 9.759888 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9931055 | .0074247 | .0019759 | -.000169 | .1374081 | .1647477 | -.005311 |
| #2 | .9598666 | .0010122 | .0021402 | -.000133 | .1325946 | .1643891 | -.005494 |
| #3 | .9316759 | .0048684 | .0033159 | .000307  | .1443010 | .1657376 | -.004552 |

Sample Name: K1692-04DUP      Acquired: 03/19/2019 21:33:12      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: OK-02-031819 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.006268</b> | <b>-.001266</b> | <b>.6512533</b> |
| Stddev | .003054         | .001997         | .0004338        |
| %RSD   | 48.71555        | 157.7322        | .0666066        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002742</b> | <b>.000924</b>  | <b>.6516912</b> |
| #2 | <b>-.008046</b> | <b>-.001737</b> | <b>.6508238</b> |
| #3 | <b>-.008016</b> | <b>-.002985</b> | <b>.6512451</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2666.499</b> | <b>2823.566</b> | <b>60089.15</b> | <b>5309.185</b> | <b>4152.715</b> |
| Stddev    | 19.093          | 24.603          | 163.59          | 22.906          | 39.460          |
| %RSD      | .7160404        | .8713599        | .2722375        | .4314477        | .9502327        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2664.872 | 2828.978 | 59900.34 | 5331.948 | 4167.476 |
| #2 | 2686.353 | 2845.012 | 60178.65 | 5309.471 | 4182.666 |
| #3 | 2648.270 | 2796.706 | 60188.46 | 5286.138 | 4108.002 |



Sample Name: K1692-04LX5      Acquired: 03/19/2019 21:37:05      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSA8044      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017929 | .0005769 | .0019807 | .0031642 | -.000056 | -.008501 | .0154858 |
| Stddev | .0028998 | .0013705 | .0014177 | .0010072 | .000642  | .017917  | .0007844 |
| %RSD   | 161.7411 | 237.5440 | 71.57582 | 31.83204 | 1143.511 | 210.7761 | 5.065202 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0037622 | -.000306 | .0033031 | .0041156 | -.000387 | .004836  | .0163574 |
| #2 | .0031534 | -.000119 | .0021550 | .0021091 | .000683  | -.028866 | .0152632 |
| #3 | -.001537 | .002156  | .0004839 | .0032679 | -.000465 | -.001472 | .0148367 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000049 | -.000016 | 33.49659 | .0004313 | -.000866 | -.001760 | -.024720 |
| Stddev | .000037  | .000067  | .28106   | .0003461 | .000317  | .004064  | .008153  |
| %RSD   | 75.68115 | 428.1959 | .8390756 | 80.24625 | 36.63546 | 230.9175 | 32.98250 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000037 | -.000010 | 33.36335 | .0001509 | -.000524 | .000015  | -.028899 |
| #2 | -.000092 | -.000085 | 33.81949 | .0008180 | -.001151 | .001114  | -.015325 |
| #3 | -.000020 | .000048  | 33.30692 | .0003249 | -.000922 | -.006409 | -.029938 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1076885 | .6568977 | .0000365 | .0000935 | 60.72226 | .0005523 | .0009057 |
| Stddev | .0019660 | .0863498 | .0002725 | .0003259 | .26329   | .0028134 | .0005500 |
| %RSD   | 1.825604 | 13.14508 | 745.9255 | 348.5276 | .4335966 | 509.4316 | 60.71819 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1070173 | .7565618 | .0003507 | -.000029 | 60.98282 | -.002129 | .0009917 |
| #2 | .1099021 | .6044986 | -.000136 | .000463  | 60.72764 | .003482  | .0003179 |
| #3 | .1061459 | .6096329 | -.000106 | -.000153 | 60.45633 | .000304  | .0014077 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3853149 | -.001352 | -.004275 | .0001262 | .0297576 | .0341151 | -.003592 |
| Stddev | .0965792 | .001118  | .000158  | .0000655 | .0035858 | .0005269 | .000486  |
| %RSD   | 25.06500 | 82.67229 | 3.701153 | 51.95733 | 12.05019 | 1.544317 | 13.53427 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2957891 | -.002112 | -.004095 | .0000505 | .0323228 | .0335175 | -.003761 |
| #2 | .3724898 | -.001876 | -.004338 | .0001621 | .0256602 | .0343157 | -.003970 |
| #3 | .4876658 | -.000069 | -.004392 | .0001659 | .0312898 | .0345123 | -.003044 |

Sample Name: K1692-04LX5      Acquired: 03/19/2019 21:37:05      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSA8044      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000926</b> | <b>-.001865</b> | <b>.1339015</b> |
| Stddev | .000819         | .000936         | .0008293        |
| %RSD   | 88.41863        | 50.20837        | .6193674        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.001519</b> | <b>-.000937</b> | <b>.1348591</b> |
| #2 | <b>-.001268</b> | <b>-.001848</b> | <b>.1334305</b> |
| #3 | <b>.000008</b>  | <b>-.002809</b> | <b>.1334150</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2671.355</b> | <b>2900.147</b> | <b>59429.60</b> | <b>5304.457</b> | <b>4403.816</b> |
| Stddev    | 20.170          | 54.681          | 168.62          | 33.485          | 86.121          |
| %RSD      | .7550634        | 1.885454        | .2837314        | .6312644        | 1.955607        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2656.587</b> | <b>2929.779</b> | <b>59304.39</b> | <b>5333.520</b> | <b>4457.987</b> |
| #2 | <b>2663.141</b> | <b>2933.616</b> | <b>59621.33</b> | <b>5267.840</b> | <b>4448.953</b> |
| #3 | <b>2694.336</b> | <b>2837.046</b> | <b>59363.08</b> | <b>5312.010</b> | <b>4304.509</b> |

Sample Name: K1692-04A      Acquired: 03/19/2019 21:40:56      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSAB8044      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7212809</b> | <b>1.744514</b> | <b>.8895286</b> | <b>1.606142</b> | <b>.7261722</b> | <b>1.969390</b> | <b>.2705035</b> |
| Stddev | .0115653        | .024372         | .0092999        | .024525         | .0100252        | .007838         | .0009256        |
| %RSD   | 1.603438        | 1.397073        | 1.045487        | 1.526922        | 1.380548        | .3979907        | .3421775        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7172117 | 1.724559 | .8868108 | 1.599382 | .7202480 | 1.960398 | .2694396 |
| #2 | .7123002 | 1.737305 | .8818904 | 1.585707 | .7205214 | 1.972990 | .2711241 |
| #3 | .7343308 | 1.771677 | .8998846 | 1.633338 | .7377472 | 1.974780 | .2709467 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1748901</b> | <b>.1766976</b> | <b>173.0436</b> | <b>.3600026</b> | <b>.1851366</b> | <b>.2824024</b> | <b>2.999400</b> |
| Stddev | .0013216        | .0025057        | .9603           | .0008699        | .0026002        | .0060316        | .042129         |
| %RSD   | .7556920        | 1.418073        | .5549230        | .2416448        | 1.404474        | 2.135832        | 1.404595        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1764110 | .1752781 | 171.9396 | .3594189 | .1836036 | .2754526 | 2.983934 |
| #2 | .1740209 | .1752239 | 173.6855 | .3610025 | .1836674 | .2854836 | 3.047077 |
| #3 | .1742384 | .1795907 | 173.5055 | .3595865 | .1881388 | .2862711 | 2.967190 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7469980</b> | <b>5.439394</b> | <b>.4620805</b> | <b>.0719030</b> | <b>315.1544</b> | <b>.2946783</b> | <b>.1943026</b> |
| Stddev | .0046318        | .069764         | .0070617        | .0004523        | .6802           | .0042985        | .0022579        |
| %RSD   | .6200493        | 1.282573        | 1.528239        | .6290650        | .2158333        | 1.458696        | 1.162054        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7418736 | 5.382667 | .4589636 | .0717495 | 315.2101 | .2898894 | .1965964 |
| #2 | .7508864 | 5.418224 | .4571136 | .0724121 | 315.8051 | .2982026 | .1942290 |
| #3 | .7482340 | 5.517291 | .4701644 | .0715474 | 314.4481 | .2959430 | .1920824 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.84134</b> | <b>6.008362</b> | <b>.2660851</b> | <b>.3977501</b> | <b>.1408870</b> | <b>1.066190</b> | <b>.6581071</b> |
| Stddev | .03346          | .102467         | .0031742        | .0069473        | .0031098        | .008118         | .0089860        |
| %RSD   | .3086266        | 1.705405        | 1.192914        | 1.746652        | 2.207330        | .7614170        | 1.365425        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.84713 | 5.948642 | .2692587 | .3945596 | .1373053 | 1.075250 | .6507973 |
| #2 | 10.80536 | 5.949766 | .2660860 | .3929711 | .1429006 | 1.059575 | .6553845 |
| #3 | 10.87153 | 6.126679 | .2629104 | .4057195 | .1424551 | 1.063746 | .6681395 |

Sample Name: K1692-04A      Acquired: 03/19/2019 21:40:56      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: ICSAB8044      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1905819</b> | <b>.1877055</b> | <b>.8763139</b> |
| Stddev | .0011743        | .0009553        | .0045873        |
| %RSD   | .6161878        | .5089375        | .5234741        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1916518</b> | <b>.1886038</b> | <b>.8806195</b> |
| #2 | <b>.1907685</b> | <b>.1867019</b> | <b>.8768330</b> |
| #3 | <b>.1893255</b> | <b>.1878108</b> | <b>.8714891</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2587.689</b> | <b>2755.680</b> | <b>58631.82</b> | <b>5193.642</b> | <b>4065.965</b> |
| Stddev    | 13.730          | 27.653          | 427.94          | 16.786          | 37.119          |
| %RSD      | .5305861        | 1.003494        | .7298787        | .3232091        | .9129144        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2583.990</b> | <b>2769.920</b> | <b>58778.69</b> | <b>5174.910</b> | <b>4086.517</b> |
| #2 | <b>2576.188</b> | <b>2773.312</b> | <b>58149.78</b> | <b>5198.694</b> | <b>4088.263</b> |
| #3 | <b>2602.890</b> | <b>2723.809</b> | <b>58966.98</b> | <b>5207.323</b> | <b>4023.116</b> |

Sample Name: K1692-04MS      Acquired: 03/19/2019 21:44:40      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: OK-02-031819 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7202026</b> | <b>1.734651</b> | <b>.8884056</b> | <b>1.608770</b> | <b>.7228083</b> | <b>1.895877</b> | <b>.2626087</b> |
| Stddev | .0122638        | .026430         | .0104559        | .027070         | .0138523        | .068192         | .0095824        |
| %RSD   | 1.702820        | 1.523661        | 1.176926        | 1.682642        | 1.916460        | 3.596851        | 3.648926        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7091337 | 1.717979 | .8814180 | 1.596536 | .7130307 | 1.818708 | .2516097 |
| #2 | .7180879 | 1.720849 | .8833726 | 1.589977 | .7167342 | 1.948020 | .2670645 |
| #3 | .7333862 | 1.765124 | .9004262 | 1.639797 | .7386601 | 1.920904 | .2691518 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1698246</b> | <b>.1765688</b> | <b>168.2993</b> | <b>.3597158</b> | <b>.1844206</b> | <b>.2771554</b> | <b>2.925905</b> |
| Stddev | .0053101        | .0024556        | 6.7983          | .0011760        | .0031269        | .0082623        | .095598         |
| %RSD   | 3.126792        | 1.390754        | 4.039427        | .3269192        | 1.695524        | 2.981093        | 3.267301        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1637613 | .1753499 | 160.5330 | .3594274 | .1827901 | .2680565 | 2.818451 |
| #2 | .1736463 | .1749610 | 173.1726 | .3587108 | .1824460 | .2841893 | 3.001521 |
| #3 | .1720662 | .1793954 | 171.1922 | .3610091 | .1880258 | .2792204 | 2.957744 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7199644</b> | <b>5.262731</b> | <b>.4593623</b> | <b>.0711743</b> | <b>305.0579</b> | <b>.2827748</b> | <b>.1936027</b> |
| Stddev | .0252575        | .313336         | .0076637        | .0003300        | 11.5274         | .0138887        | .0006649        |
| %RSD   | 3.508154        | 5.953860        | 1.668333        | .4636302        | 3.778773        | 4.911574        | .3434290        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6911033 | 4.900961 | .4554968 | .0707964 | 291.7564 | .2667956 | .1941790 |
| #2 | .7380309 | 5.448173 | .4544012 | .0713213 | 312.1388 | .2895831 | .1928752 |
| #3 | .7307589 | 5.439060 | .4681890 | .0714053 | 311.2785 | .2919456 | .1937538 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.44555</b> | <b>5.973369</b> | <b>.2591164</b> | <b>.3960756</b> | <b>.1379049</b> | <b>1.037592</b> | <b>.6556347</b> |
| Stddev | .45275          | .089216         | .0083276        | .0057825        | .0079290        | .036538         | .0082005        |
| %RSD   | 4.334405        | 1.493560        | 3.213843        | 1.459947        | 5.749614        | 3.521399        | 1.250766        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.92536  | 5.911981 | .2500779 | .3924690 | .1418558 | .995602  | .6491977 |
| #2 | 10.66058 | 5.932416 | .2664779 | .3930126 | .1287766 | 1.062136 | .6528389 |
| #3 | 10.75073 | 6.075708 | .2607934 | .4027453 | .1430821 | 1.055040 | .6648675 |

Sample Name: K1692-04MS      Acquired: 03/19/2019 21:44:40      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: OK-02-031819 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1828441</b> | <b>.1818850</b> | <b>.8538956</b> |
| Stddev | .0074741        | .0075485        | .0293576        |
| %RSD   | 4.087663        | 4.150152        | 3.438073        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1744444</b> | <b>.1732541</b> | <b>.8200688</b> |
| #2 | <b>.1853275</b> | <b>.1851466</b> | <b>.8688913</b> |
| #3 | <b>.1887603</b> | <b>.1872543</b> | <b>.8727267</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2588.946</b> | <b>2767.221</b> | <b>58549.84</b> | <b>5320.655</b> | <b>4082.942</b> |
| Stddev    | 3.866           | 24.045          | 129.83          | 157.104         | 35.762          |
| %RSD      | .1493240        | .8689256        | .2217475        | 2.952725        | .8758815        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2589.004</b> | <b>2781.583</b> | <b>58693.05</b> | <b>5500.550</b> | <b>4100.500</b> |
| #2 | <b>2592.783</b> | <b>2780.618</b> | <b>58439.83</b> | <b>5210.456</b> | <b>4106.532</b> |
| #3 | <b>2585.052</b> | <b>2739.462</b> | <b>58516.64</b> | <b>5250.959</b> | <b>4041.795</b> |

Sample Name: K1692-04MSD      Acquired: 03/19/2019 21:48:23      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: OK-02-031819 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7260205</b> | <b>1.747443</b> | <b>.8921089</b> | <b>1.610935</b> | <b>.7222090</b> | <b>1.962129</b> | <b>.2702473</b> |
| Stddev | .0127149        | .026018         | .0114386        | .025019         | .0119645        | .014364         | .0012936        |
| %RSD   | 1.751315        | 1.488920        | 1.282195        | 1.553066        | 1.656657        | .7320480        | .4786689        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.7186414</b> | <b>1.729607</b> | <b>.8859261</b> | <b>1.596621</b> | <b>.7140376</b> | <b>1.967868</b> | <b>.2716676</b> |
| #2 | <b>.7187178</b> | <b>1.735425</b> | <b>.8850924</b> | <b>1.596360</b> | <b>.7166474</b> | <b>1.945783</b> | <b>.2691367</b> |
| #3 | <b>.7407024</b> | <b>1.777298</b> | <b>.9053083</b> | <b>1.639824</b> | <b>.7359421</b> | <b>1.972736</b> | <b>.2699376</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1735266</b> | <b>.1769563</b> | <b>171.8177</b> | <b>.3614737</b> | <b>.1851357</b> | <b>.2848129</b> | <b>2.987022</b> |
| Stddev | .0006704        | .0030141        | 1.7840          | .0004242        | .0032981        | .0005003        | .030203         |
| %RSD   | .3863662        | 1.703326        | 1.038281        | .1173469        | 1.781450        | .1756455        | 1.011127        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1740858</b> | <b>.1755022</b> | <b>173.0926</b> | <b>.3610106</b> | <b>.1835879</b> | <b>.2847509</b> | <b>3.018861</b> |
| #2 | <b>.1737107</b> | <b>.1749449</b> | <b>169.7790</b> | <b>.3618434</b> | <b>.1828962</b> | <b>.2853413</b> | <b>2.983429</b> |
| #3 | <b>.1727834</b> | <b>.1804218</b> | <b>172.5816</b> | <b>.3615672</b> | <b>.1889231</b> | <b>.2843466</b> | <b>2.958777</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7340383</b> | <b>5.429886</b> | <b>.4609073</b> | <b>.0713743</b> | <b>312.8510</b> | <b>.2874975</b> | <b>.1941325</b> |
| Stddev | .0098556        | .151025         | .0066439        | .0005038        | 1.3201          | .0031663        | .0005891        |
| %RSD   | 1.342650        | 2.781373        | 1.441475        | .7058668        | .4219505        | 1.101320        | .3034557        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.7434069</b> | <b>5.295059</b> | <b>.4569824</b> | <b>.0708242</b> | <b>313.8676</b> | <b>.2839682</b> | <b>.1943127</b> |
| #2 | <b>.7237590</b> | <b>5.401514</b> | <b>.4571613</b> | <b>.0714854</b> | <b>311.3591</b> | <b>.2900887</b> | <b>.1946104</b> |
| #3 | <b>.7349492</b> | <b>5.593085</b> | <b>.4685783</b> | <b>.0718133</b> | <b>313.3262</b> | <b>.2884356</b> | <b>.1934743</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.75119</b> | <b>6.007259</b> | <b>.2655064</b> | <b>.3961499</b> | <b>.1403635</b> | <b>1.055510</b> | <b>.6557353</b> |
| Stddev | .07358          | .100684         | .0019552        | .0062300        | .0076398        | .004074         | .0133895        |
| %RSD   | .6844115        | 1.676031        | .7364108        | 1.572644        | 5.442880        | .3860197        | 2.041901        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>10.81161</b> | <b>5.948612</b> | <b>.2647026</b> | <b>.3935066</b> | <b>.1390696</b> | <b>1.054058</b> | <b>.6475987</b> |
| #2 | <b>10.66924</b> | <b>5.949648</b> | <b>.2677354</b> | <b>.3916772</b> | <b>.1334533</b> | <b>1.060112</b> | <b>.6484183</b> |
| #3 | <b>10.77271</b> | <b>6.123517</b> | <b>.2640811</b> | <b>.4032657</b> | <b>.1485677</b> | <b>1.052361</b> | <b>.6711888</b> |

Sample Name: K1692-04MSD      Acquired: 03/19/2019 21:48:23      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: OK-02-031819 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1870827</b> | <b>.1878926</b> | <b>.8741018</b> |
| Stddev | .0011029        | .0012461        | .0008230        |
| %RSD   | .5895414        | .6632262        | .0941578        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1861707</b> | <b>.1882356</b> | <b>.8743486</b> |
| #2 | <b>.1867688</b> | <b>.1865109</b> | <b>.8731836</b> |
| #3 | <b>.1883085</b> | <b>.1889314</b> | <b>.8747732</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2592.625</b> | <b>2761.773</b> | <b>58828.61</b> | <b>5232.031</b> | <b>4073.434</b> |
| Stddev    | 10.485          | 29.656          | 355.86          | 30.762          | 49.262          |
| %RSD      | .4044317        | 1.073796        | .6049122        | .5879484        | 1.209360        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2583.308 | 2775.085 | 58625.02 | 5200.659 | 4102.454 |
| #2 | 2603.980 | 2782.440 | 59239.51 | 5262.143 | 4101.292 |
| #3 | 2590.587 | 2727.794 | 58621.28 | 5233.290 | 4016.554 |



Sample Name: K1693-10      Acquired: 03/19/2019 21:52:07      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: OR-03-031819 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0048053</b> | <b>.0024135</b> | <b>.0046003</b> | <b>.0053121</b> | <b>-.000579</b> | <b>.0942233</b> | <b>.0815982</b> |
| Stddev | .0011978        | .0014507        | .0025108        | .0012425        | .000527         | .0022811        | .0020969        |
| %RSD   | 24.92614        | 60.10954        | 54.58013        | 23.38902        | 90.94813        | 2.420990        | 2.569787        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0034853 | .0034764 | .0026069 | .0067299 | -.000786 | .0920513 | .0793852 |
| #2 | .0051079 | .0007607 | .0037738 | .0044129 | -.000972 | .0965998 | .0818537 |
| #3 | .0058228 | .0030033 | .0074202 | .0047936 | .000020  | .0940189 | .0835556 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0001744</b> | <b>.0003718</b> | <b>32.68378</b> | <b>.0017868</b> | <b>.0030279</b> | <b>.0033317</b> | <b>.2529343</b> |
| Stddev | .0000130        | .0000755        | .60403          | .0001196        | .0002961        | .0030876        | .0398934        |
| %RSD   | 7.475991        | 20.31892        | 1.848094        | 6.691224        | 9.780532        | 92.67587        | 15.77226        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001666 | .0004470 | 32.03152 | .0019213 | .0032857 | .0010229 | .2467564 |
| #2 | .0001672 | .0003724 | 32.79597 | .0016928 | .0030934 | .0068389 | .2955563 |
| #3 | .0001895 | .0002960 | 33.22384 | .0017462 | .0027044 | .0021332 | .2164902 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6526895</b> | <b>4.208866</b> | <b>.0048970</b> | <b>-.000146</b> | <b>287.2085</b> | <b>.0001284</b> | <b>.0170551</b> |
| Stddev | .0112938        | .051562         | .0003363        | .000401         | 4.4805          | .0021222        | .0002527        |
| %RSD   | 1.730342        | 1.225089        | 6.868212        | 273.7556        | 1.560007        | 1652.199        | 1.481830        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6431307 | 4.232502 | .0052527 | -.000193 | 282.0350 | .0004593 | .0172832 |
| #2 | .6497863 | 4.244373 | .0045842 | .000276  | 289.8285 | -.002140 | .0167834 |
| #3 | .6651514 | 4.149723 | .0048539 | -.000522 | 289.7620 | .002066  | .0170988 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4873203</b> | <b>.0060188</b> | <b>.0031951</b> | <b>.0004458</b> | <b>.1613310</b> | <b>.7204256</b> | <b>-.002958</b> |
| Stddev | .0926592        | .0021950        | .0003594        | .0000357        | .0061117        | .0117419        | .000009         |
| %RSD   | 19.01402        | 36.46927        | 11.24898        | 8.000630        | 3.788305        | 1.629857        | .3097723        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3821073 | .0085465 | .0036100 | .0004432 | .1649810 | .7077850 | -.002967 |
| #2 | .5230922 | .0049167 | .0029824 | .0004115 | .1542752 | .7309926 | -.002949 |
| #3 | .5567613 | .0045932 | .0029928 | .0004827 | .1647369 | .7224992 | -.002960 |

Sample Name: K1693-10      Acquired: 03/19/2019 21:52:07      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: OR-03-031819 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000539</b> | <b>-.001561</b> | <b>.0988276</b> |
| Stddev | .000782         | .001408         | .0013093        |
| %RSD   | 145.1482        | 90.24364        | 1.324780        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.001243</b> | <b>-.000445</b> | <b>.0973343</b> |
| #2 | <b>.000303</b>  | <b>-.001094</b> | <b>.0997783</b> |
| #3 | <b>-.000677</b> | <b>-.003143</b> | <b>.0993703</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2668.687</b> | <b>2836.476</b> | <b>59525.55</b> | <b>5334.807</b> | <b>4211.122</b> |
| Stddev    | 23.341          | 28.895          | 607.69          | 82.619          | 40.748          |
| %RSD      | .8746087        | 1.018689        | 1.020888        | 1.548686        | .9676371        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2671.516</b> | <b>2847.801</b> | <b>59080.95</b> | <b>5429.930</b> | <b>4223.900</b> |
| #2 | <b>2690.483</b> | <b>2857.992</b> | <b>60218.00</b> | <b>5293.540</b> | <b>4243.950</b> |
| #3 | <b>2644.060</b> | <b>2803.634</b> | <b>59277.71</b> | <b>5280.950</b> | <b>4165.516</b> |

Sample Name: K1693-12      Acquired: 03/19/2019 21:55:59      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: OR-03-031819 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0010369</b> | <b>-.001282</b> | <b>.0044024</b> | <b>.0043569</b> | <b>-.000080</b> | <b>.1084731</b> | <b>.0957860</b> |
| Stddev | .0026258        | .001197         | .0020402        | .0007864        | .001718         | .0140101        | .0005529        |
| %RSD   | 253.2301        | 93.35906        | 46.34299        | 18.04904        | 2154.204        | 12.91572        | .5771907        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0032479 | -.002561 | .0029081 | .0034636 | .000712  | .1245337 | .0960830 |
| #2 | .0017284 | -.000188 | .0067268 | .0046623 | -.002051 | .0987620 | .0951481 |
| #3 | -.001865 | -.001097 | .0035723 | .0049448 | .001100  | .1021235 | .0961270 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000135</b> | <b>.0001685</b> | <b>37.98263</b> | <b>.0011573</b> | <b>.0018603</b> | <b>.0004917</b> | <b>.5017463</b> |
| Stddev | .000028         | .0000042        | .11830          | .0000966        | .0001234        | .0027138        | .0089979        |
| %RSD   | 20.91471        | 2.500198        | .3114492        | 8.348274        | 6.635799        | 551.9832        | 1.793315        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000129 | .0001641 | 38.01007 | .0010709 | .0017365 | .0034733 | .5089087 |
| #2 | -.000110 | .0001689 | 38.08479 | .0012616 | .0018610 | -.000164 | .4916469 |
| #3 | -.000166 | .0001725 | 37.85302 | .0011394 | .0019834 | -.001834 | .5046834 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8482128</b> | <b>3.020541</b> | <b>.0039724</b> | <b>-.000258</b> | <b>300.8891</b> | <b>-.011839</b> | <b>.0141132</b> |
| Stddev | .0102646        | .109944         | .0001663        | .000318         | 1.2044          | .004188         | .0002047        |
| %RSD   | 1.210139        | 3.639887        | 4.185291        | 123.2222        | .4002706        | 35.37229        | 1.450303        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8473892 | 3.056453 | .0041264 | -.000080 | 302.2797 | -.016669 | .0142401 |
| #2 | .8588644 | 2.897131 | .0039948 | -.000625 | 300.1807 | -.009620 | .0142224 |
| #3 | .8383849 | 3.108039 | .0037961 | -.000069 | 300.2068 | -.009227 | .0138771 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3131137</b> | <b>-.000020</b> | <b>.0037571</b> | <b>-.000033</b> | <b>.2120112</b> | <b>.6246198</b> | <b>-.003153</b> |
| Stddev | .0701601        | .002252         | .0011397        | .000075         | .0075441        | .0028114        | .000533         |
| %RSD   | 22.40722        | 11075.63        | 30.33320        | 227.1685        | 3.558336        | .4501043        | 16.89406        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2329084 | .002413  | .0037496 | -.000104 | .2093389 | .6265479 | -.003198 |
| #2 | .3631044 | -.002032 | .0026212 | -.000042 | .2061669 | .6213939 | -.003661 |
| #3 | .3433283 | -.000441 | .0049005 | .000046  | .2205276 | .6259175 | -.002599 |

Sample Name: K1693-12      Acquired: 03/19/2019 21:55:59      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: OR-03-031819 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0018543</b> | <b>-.004165</b> | <b>.0997476</b> |
| Stddev | .0030327        | .000668         | .0006737        |
| %RSD   | 163.5527        | 16.04576        | .6753734        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0020594</b> | <b>-.003847</b> | <b>.1004081</b> |
| #2 | <b>.0047792</b> | <b>-.003715</b> | <b>.0990614</b> |
| #3 | <b>-.001276</b> | <b>-.004933</b> | <b>.0997733</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2625.419</b> | <b>2843.167</b> | <b>59422.90</b> | <b>5292.223</b> | <b>4213.965</b> |
| Stddev    | 26.630          | 29.559          | 330.80          | 31.291          | 40.841          |
| %RSD      | 1.014310        | 1.039642        | .5566876        | .5912716        | .9691707        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2605.260</b> | <b>2859.472</b> | <b>59094.18</b> | <b>5278.000</b> | <b>4229.016</b> |
| #2 | <b>2615.389</b> | <b>2860.982</b> | <b>59418.79</b> | <b>5270.570</b> | <b>4245.145</b> |
| #3 | <b>2655.607</b> | <b>2809.047</b> | <b>59755.74</b> | <b>5328.100</b> | <b>4167.735</b> |

Sample Name: K1941-08      Acquired: 03/19/2019 21:59:51      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SP      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008845 | -.000777 | .0024774 | .0041444 | -.001277 | .1607936 | .0412606 |
| Stddev | .0041330 | .002011  | .0016208 | .0030760 | .000775  | .0119684 | .0003074 |
| %RSD   | 467.2612 | 258.8582 | 65.42503 | 74.22015 | 60.67647 | 7.443313 | .7448898 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001218 | .001295  | .0007278 | .0016265 | -.001380 | .1563459 | .0414479 |
| #2 | -.001774 | -.000904 | .0027766 | .0032338 | -.001996 | .1516859 | .0414279 |
| #3 | .005646  | -.002721 | .0039277 | .0075730 | -.000456 | .1743491 | .0409059 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000146 | .0001652 | 2.125668 | .0012608 | .0013152 | .0013203 | .0869557 |
| Stddev | .000014  | .0001009 | .007981  | .0002095 | .0002099 | .0028297 | .0026259 |
| %RSD   | 9.935993 | 61.07008 | .3754749 | 16.61596 | 15.96012 | 214.3283 | 3.019845 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000136 | .0000803 | 2.117903 | .0013238 | .0012243 | .0045037 | .0858670 |
| #2 | -.000162 | .0002768 | 2.125252 | .0014316 | .0011661 | -.000909 | .0850492 |
| #3 | -.000138 | .0001386 | 2.133850 | .0010271 | .0015553 | .000366  | .0899509 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0691032 | .8799123 | .0016053 | -.000810 | 227.5921 | -.004887 | .0118783 |
| Stddev | .0020361 | .0209323 | .0002178 | .000535  | 2.7254   | .003722  | .0001010 |
| %RSD   | 2.946384 | 2.378908 | 13.57000 | 66.10049 | 1.197513 | 76.16411 | .8504791 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0681999 | .8974163 | .0015459 | -.000895 | 224.9337 | -.003823 | .0118143 |
| #2 | .0676751 | .8855952 | .0018467 | -.001298 | 227.4627 | -.009025 | .0119948 |
| #3 | .0714346 | .8567253 | .0014234 | -.000237 | 230.3800 | -.001812 | .0118258 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3046140 | -.002766 | -.000855 | -.000164 | .3242417 | .1778785 | -.002505 |
| Stddev | .0512086 | .000422  | .000561  | .000183  | .0066116 | .0011963 | .000362  |
| %RSD   | 16.81098 | 15.24935 | 65.58254 | 111.3355 | 2.039104 | .6725622 | 14.44292 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3169695 | -.002705 | -.001033 | -.000098 | .3242087 | .1777112 | -.002348 |
| #2 | .2483580 | -.003215 | -.001305 | -.000024 | .3176466 | .1767746 | -.002248 |
| #3 | .3485143 | -.002378 | -.000227 | -.000371 | .3308698 | .1791497 | -.002919 |

Sample Name: K1941-08      Acquired: 03/19/2019 21:59:51      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: SP      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001083</b> | <b>-.002819</b> | <b>.0159841</b> |
| Stddev | .001416         | .001765         | .0000716        |
| %RSD   | 130.8205        | 62.59699        | .4479782        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000542  | -.004777 | .0159966 |
| #2 | -.001732 | -.001351 | .0160486 |
| #3 | -.002059 | -.002329 | .0159070 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2682.768</b> | <b>2900.688</b> | <b>60221.75</b> | <b>5374.140</b> | <b>4322.078</b> |
| Stddev    | 23.488          | 29.031          | 390.29          | 34.320          | 38.324          |
| %RSD      | .8755055        | 1.000838        | .6480826        | .6386093        | .8867002        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2702.801 | 2913.833 | 60575.53 | 5403.070 | 4344.784 |
| #2 | 2656.919 | 2920.820 | 59803.09 | 5383.130 | 4343.619 |
| #3 | 2688.585 | 2867.409 | 60286.62 | 5336.220 | 4277.830 |

Sample Name: CCV13      Acquired: 03/19/2019 22:03:45      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.972254 | 4.866192 | 4.853015 | 4.966392 | 4.974328 | 9.960813 |
| Stddev | .106719  | .094070  | .093135  | .100696  | .099413  | .136129  |
| %RSD   | 2.146284 | 1.933133 | 1.919107 | 2.027544 | 1.998528 | 1.366644 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.927893 | 4.835784 | 4.805416 | 4.903965 | 4.932901 | 9.977515 |
| #2 | 4.894871 | 4.791088 | 4.793300 | 4.912654 | 4.902327 | 10.08782 |
| #3 | 5.093998 | 4.971705 | 4.960330 | 5.082557 | 5.087755 | 9.81710  |

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348     | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.861788 | F .2819840 | 2.578362 | 25.95320 | .9638167 | 2.456435 |
| Stddev | .113511  | .0022903   | .050865  | .39937   | .0015124 | .047516  |
| %RSD   | 1.151016 | .8122241   | 1.972752 | 1.538813 | .1569208 | 1.934349 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.879237 | .2812390 | 2.548635 | 25.95465 | .9639919 | 2.430521 |
| #2 | 9.965565 | .2845541 | 2.549357 | 26.35184 | .9622243 | 2.427510 |
| #3 | 9.740564 | .2801589 | 2.637094 | 25.55310 | .9652339 | 2.511274 |

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598     | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.243084 | F 5.616475 | 2.590445 | 27.35948 | 2.455906 | 1.268506 |
| Stddev | .008328  | .093566    | .031781  | .03039   | .049615  | .000281  |
| %RSD   | .6699633 | 1.665927   | 1.226848 | .1110931 | 2.020233 | .0221299 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.252553 | 5.609559 | 2.585717 | 27.32569 | 2.429859 | 1.268190 |
| #2 | 1.239804 | 5.713307 | 2.624324 | 27.38459 | 2.424739 | 1.268726 |
| #3 | 1.236895 | 5.526558 | 2.561292 | 27.36816 | 2.513120 | 1.268603 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 26.10519 | 2.540153 | 2.475029 | 24.70613 | 5.363892 | 4.940099 |
| Stddev | .55999   | .045240  | .009706  | .16623   | .105374  | .044332  |
| %RSD   | 2.145142 | 1.780993 | .3921422 | .6728468 | 1.964514 | .8973981 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 26.23110 | 2.546160 | 2.485980 | 24.80402 | 5.304628 | 4.923880 |
| #2 | 26.59150 | 2.582089 | 2.467489 | 24.80018 | 5.301493 | 4.990256 |
| #3 | 25.49296 | 2.492210 | 2.471619 | 24.51419 | 5.485554 | 4.906160 |

Sample Name: CCV13      Acquired: 03/19/2019 22:03:45      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.133843</b> | <b>4.838486</b> | <b>4.789898</b> | <b>4.862143</b> | <b>5.053630</b> | <b>4.871111</b> |
| Stddev | .096982         | .099850         | .048746         | .090330         | .067791         | .062731         |
| %RSD   | 1.889075        | 2.063662        | 1.017681        | 1.857821        | 1.341425        | 1.287820        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.071117 | 4.790455 | 4.772659 | 4.822089 | 5.051705 | 4.859796 |
| #2 | 5.084865 | 4.771727 | 4.844921 | 4.798766 | 5.122362 | 4.938729 |
| #3 | 5.245546 | 4.953274 | 4.752114 | 4.965574 | 4.986822 | 4.814807 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>4.916147</b> |
| Stddev | .046698         |
| %RSD   | .9498966        |

|    |          |
|----|----------|
| #1 | 4.911675 |
| #2 | 4.964921 |
| #3 | 4.871846 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2711.636</b> | <b>2909.527</b> | <b>60144.77</b> | <b>5284.132</b> | <b>4359.933</b> |
| Stddev    | 13.152          | 49.539          | 161.91          | 48.328          | 73.210          |
| %RSD      | .4850192        | 1.702635        | .2691995        | .9145856        | 1.679161        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2696.664 | 2936.958 | 59993.08 | 5282.292 | 4396.692 |
| #2 | 2721.325 | 2939.283 | 60125.97 | 5236.750 | 4407.479 |
| #3 | 2716.920 | 2852.341 | 60315.26 | 5333.353 | 4275.626 |



Sample Name: CCB13      Acquired: 03/19/2019 22:07:18      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCB14710      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0047230 | .0026727 | .0015510 | .0045566 | .0004856 | -.019065 | .0007012 |
| Stddev | .0015281 | .0009877 | .0015936 | .0028735 | .0004129 | .009992  | .0014189 |
| %RSD   | 32.35506 | 36.95548 | 102.7421 | 63.06370 | 85.04186 | 52.41035 | 202.3537 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0044403 | .0017588 | .0016844 | .0064063 | .0002283 | -.026490 | .0020361 |
| #2 | .0063728 | .0037205 | .0030737 | .0060173 | .0002665 | -.022999 | -.000789 |
| #3 | .0033560 | .0025388 | -.000105 | .0012461 | .0009619 | -.007704 | .000856  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000452 | .0005859 | .0034998 | -.000110 | .0001836 | .0004249 | -.010241 |
| Stddev | .0000388 | .0001053 | .0155756 | .000266  | .0000454 | .0028120 | .018036  |
| %RSD   | 85.92570 | 17.96833 | 445.0444 | 241.6219 | 24.74169 | 661.7479 | 176.1225 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000652 | .0007000 | -.007511 | .000149  | .0002072 | -.002124 | -.019910 |
| #2 | .0000699 | .0004924 | -.003311 | -.000381 | .0001312 | -.000043 | .010568  |
| #3 | .0000004 | .0005653 | .021321  | -.000098 | .0002124 | .003442  | -.021381 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000110 | -.007627 | .0004714 | .0008418 | .4068834 | -.007139 | -.000326 |
| Stddev | .001168  | .028701  | .0003430 | .0004103 | .2075318 | .001581  | .000167  |
| %RSD   | 1063.747 | 376.3014 | 72.77001 | 48.74162 | 51.00522 | 22.15281 | 51.26888 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000084 | .018701  | .0001347 | .0010373 | .4848486 | -.008576 | -.000518 |
| #2 | .001045  | -.038223 | .0008204 | .0011178 | .1716598 | -.007396 | -.000210 |
| #3 | -.001290 | -.003360 | .0004591 | .0003703 | .5641417 | -.005444 | -.000250 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1186957 | -.005416 | .0044523 | .0009319 | -.000356 | .0054013 | .0007711 |
| Stddev | .0678912 | .003916  | .0005209 | .0001534 | .003134  | .0010124 | .0000498 |
| %RSD   | 57.19769 | 72.29925 | 11.69955 | 16.45881 | 880.9265 | 18.74386 | 6.465071 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0825479 | -.006268 | .0050518 | .0009932 | .003098  | .0065334 | .0008179 |
| #2 | .1970126 | -.001145 | .0041950 | .0010451 | -.003016 | .0050877 | .0007187 |
| #3 | .0765266 | -.008836 | .0041102 | .0007573 | -.001149 | .0045828 | .0007765 |

Sample Name: CCB13      Acquired: 03/19/2019 22:07:18      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: CCB14710      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0009295 | -.001758 | .0010510 |
| Stddev | .0015720 | .001350  | .0005315 |
| %RSD   | 169.1162 | 76.76755 | 50.57069 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0015203 | -.003085 | .0016646 |
| #2 | -.000852 | -.000386 | .0007542 |
| #3 | .002120  | -.001804 | .0007342 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2714.941 | 2946.037 | 59599.22 | 5283.610 | 4463.405 |
| Stddev    | 15.145   | 30.127   | 167.98   | 75.809   | 41.049   |
| %RSD      | .5578378 | 1.022635 | .2818448 | 1.434787 | .9196867 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2697.513 | 2964.187 | 59405.59 | 5196.620 | 4493.306 |
| #2 | 2724.905 | 2962.665 | 59705.80 | 5318.650 | 4480.305 |
| #3 | 2722.406 | 2911.260 | 59686.29 | 5335.560 | 4416.603 |

Sample Name: K1974-02      Acquired: 03/19/2019 22:11:12      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: WC4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0051155 | .0001884 | .3917870 | .0041479 | -.001258 | .0405019 | .5405644 |
| Stddev | .0015325 | .0002367 | .0060636 | .0015247 | .000906  | .0169773 | .0001140 |
| %RSD   | 29.95707 | 125.6423 | 1.547687 | 36.75763 | 72.03952 | 41.91742 | .0210887 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0036955 | .0004585 | .3889415 | .0041932 | -.000421 | .0209299 | .5406453 |
| #2 | .0049111 | .0000178 | .3876694 | .0056494 | -.002219 | .0493210 | .5406140 |
| #3 | .0067399 | .0000887 | .3987500 | .0026011 | -.001133 | .0512547 | .5404341 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000139 | .0027427 | 19.63587 | .0008427 | .0325872 | .0259008 | .0592217 |
| Stddev | .000006  | .0000448 | .20203   | .0001299 | .0008079 | .0028111 | .0115050 |
| %RSD   | 4.524193 | 1.633980 | 1.028868 | 15.41337 | 2.479118 | 10.85342 | 19.42706 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000135 | .0027426 | 19.73448 | .0009541 | .0319318 | .0281776 | .0499666 |
| #2 | -.000136 | .0026979 | 19.76965 | .0008741 | .0323398 | .0227588 | .0721029 |
| #3 | -.000147 | .0027875 | 19.40347 | .0007000 | .0334898 | .0267662 | .0555955 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.236325 | 1.416343 | .0072519 | -.000049 | 289.7786 | -.019381 | .2292002 |
| Stddev | .036589  | .071590  | .0003333 | .000301  | 1.7437   | .006434  | .0016829 |
| %RSD   | .8637004 | 5.054584 | 4.596273 | 610.3922 | .6017407 | 33.19503 | .7342386 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.254455 | 1.348886 | .0069879 | -.000133 | 290.8332 | -.025502 | .2300220 |
| #2 | 4.260308 | 1.491452 | .0071414 | .000285  | 290.7367 | -.019967 | .2272644 |
| #3 | 4.194210 | 1.408692 | .0076264 | -.000299 | 287.7659 | -.012675 | .2303143 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.218925 | -.000798 | .0384843 | -.000189 | .3532599 | .8392111 | -.001697 |
| Stddev | .010927  | .002179  | .0001198 | .000313  | .0097793 | .0052471 | .001055  |
| %RSD   | .8964741 | 273.1083 | .3113496 | 166.0899 | 2.768303 | .6252435 | 62.13680 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.228919 | .001571  | .0385016 | -.000537 | .3515964 | .8392008 | -.000498 |
| #2 | 1.207257 | -.002717 | .0383568 | .000070  | .3444190 | .8444634 | -.002481 |
| #3 | 1.220599 | -.001247 | .0385946 | -.000098 | .3637642 | .8339692 | -.002112 |

Sample Name: K1974-02      Acquired: 03/19/2019 22:11:12      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: WC4      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0000104 | -.004803 | .0880777 |
| Stddev | .0025897 | .001244  | .0003953 |
| %RSD   | 24995.44 | 25.89784 | .4488314 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0007549 | -.005562 | .0884954 |
| #2 | .0021462 | -.005479 | .0880283 |
| #3 | -.002870 | -.003367 | .0877093 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2662.405 | 2856.091 | 59376.41 | 5287.008 | 4239.975 |
| Stddev    | 23.896   | 25.358   | 101.13   | 37.763   | 40.897   |
| %RSD      | .8975295 | .8878607 | .1703279 | .7142525 | .9645552 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2643.814 | 2870.356 | 59413.48 | 5291.770 | 4260.144 |
| #2 | 2689.358 | 2871.103 | 59261.97 | 5247.090 | 4266.869 |
| #3 | 2654.044 | 2826.813 | 59453.78 | 5322.163 | 4192.911 |

Sample Name: K1980-01      Acquired: 03/19/2019 22:15:03      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: WCXY2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029736 | -.001825 | .0030644 | .0020235 | -.001434 | .0450799 | .2147017 |
| Stddev | .0010060 | .001201  | .0001226 | .0030061 | .001372  | .0100336 | .0011924 |
| %RSD   | 33.82959 | 65.80547 | 3.999477 | 148.5611 | 95.70045 | 22.25725 | .5553693 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0026894 | -.002411 | .0029445 | -.001032 | .000122  | .0483727 | .2152616 |
| #2 | .0021403 | -.002619 | .0031894 | .004977  | -.002472 | .0530533 | .2155111 |
| #3 | .0040911 | -.000443 | .0030593 | .002125  | -.001951 | .0338137 | .2133324 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000175 | .0002548 | 17.83268 | .0010604 | .0025303 | .0030688 | .0397068 |
| Stddev | .000058  | .0000753 | .04691   | .0001163 | .0003498 | .0024248 | .0076754 |
| %RSD   | 32.95142 | 29.55489 | .2630625 | 10.96404 | 13.82251 | 79.01464 | 19.33009 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000200 | .0002695 | 17.80517 | .0009976 | .0028276 | .0006486 | .0465683 |
| #2 | -.000216 | .0001733 | 17.88685 | .0009891 | .0021449 | .0030597 | .0314180 |
| #3 | -.000109 | .0003218 | 17.80604 | .0011946 | .0026184 | .0054982 | .0411340 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.263825 | 1.065513 | .0015989 | -.000395 | 304.3974 | -.003881 | .1020582 |
| Stddev | .013041  | .041247  | .0002141 | .000374  | 2.0091   | .006570  | .0005910 |
| %RSD   | 1.031905 | 3.871136 | 13.39268 | 94.69059 | .6600403 | 169.2729 | .5790773 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.250471 | 1.108943 | .0017790 | .000006  | 302.8771 | -.004445 | .1015196 |
| #2 | 1.276530 | 1.026864 | .0013621 | -.000456 | 306.6752 | -.010151 | .1026904 |
| #3 | 1.264475 | 1.060733 | .0016556 | -.000733 | 303.6400 | .002952  | .1019647 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.929215 | .0086158 | .0306941 | .0000759 | .4433855 | .6649463 | -.000814 |
| Stddev | .053911  | .0024643 | .0011713 | .0003180 | .0082820 | .0042464 | .001354  |
| %RSD   | 2.794441 | 28.60232 | 3.815871 | 419.1973 | 1.867908 | .6386068 | 166.3015 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.872957 | .0114530 | .0319626 | -.000262 | .4376619 | .6632663 | -.000077 |
| #2 | 1.934265 | .0070092 | .0296536 | .000121  | .4396124 | .6697757 | .000011  |
| #3 | 1.980423 | .0073851 | .0304661 | .000369  | .4528822 | .6617970 | -.002376 |

Sample Name: K1980-01      Acquired: 03/19/2019 22:15:03      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: WCXY2      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000906</b> | <b>-.003249</b> | <b>.1347889</b> |
| Stddev | .003396         | .001029         | .0001487        |
| %RSD   | 374.8074        | 31.68219        | .1102970        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002060</b> | <b>-.004306</b> | <b>.1349549</b> |
| #2 | <b>.002916</b>  | <b>-.002249</b> | <b>.1346682</b> |
| #3 | <b>-.003575</b> | <b>-.003193</b> | <b>.1347435</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2653.122</b> | <b>2869.142</b> | <b>59439.12</b> | <b>5306.790</b> | <b>4264.716</b> |
| Stddev    | 18.516          | 34.220          | 278.05          | 24.629          | 47.712          |
| %RSD      | .6978843        | 1.192700        | .4677908        | .4641084        | 1.118751        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2652.670</b> | <b>2877.808</b> | <b>59321.40</b> | <b>5301.690</b> | <b>4277.343</b> |
| #2 | <b>2671.859</b> | <b>2898.196</b> | <b>59756.67</b> | <b>5285.110</b> | <b>4304.844</b> |
| #3 | <b>2634.836</b> | <b>2831.421</b> | <b>59239.29</b> | <b>5333.570</b> | <b>4211.961</b> |

Sample Name: K1941-02      Acquired: 03/19/2019 22:18:55      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: T-1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004867 | -.001541 | .0005482 | .0031232 | -.001459 | -.018208 | .0541973 |
| Stddev | .0018157 | .000447  | .0018524 | .0021984 | .001530  | .006286  | .0014488 |
| %RSD   | 373.0345 | 28.97172 | 337.9365 | 70.38965 | 104.9066 | 34.52319 | 2.673148 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0013715 | -.001268 | .0018503 | .0049183 | -.000395 | -.020272 | .0526983 |
| #2 | -.001602 | -.001299 | -.001573 | .0006712 | -.003213 | -.011149 | .0543036 |
| #3 | .001690  | -.002057 | .001367  | .0037801 | -.000768 | -.023201 | .0555900 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000172 | .0000266 | 8.786796 | .0008391 | -.000801 | -.000874 | -.010344 |
| Stddev | .000083  | .0000307 | .068351  | .0000447 | .000074  | .004359  | .026339  |
| %RSD   | 48.34009 | 115.7314 | .7778857 | 5.322562 | 9.208722 | 498.4698 | 254.6387 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000184 | .0000085 | 8.764982 | .0008030 | -.000885 | .003797  | .006741  |
| #2 | -.000248 | .0000620 | 8.863392 | .0008891 | -.000748 | -.001589 | .002905  |
| #3 | -.000083 | .0000091 | 8.732015 | .0008253 | -.000770 | -.004832 | -.040677 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023842 | 2.463657 | -.000538 | .0000314 | 3.395033 | -.004344 | .0097043 |
| Stddev | .0004783 | .037665  | .000256  | .0002886 | .124659  | .003269  | .0001921 |
| %RSD   | 20.06101 | 1.528819 | 47.56048 | 917.6166 | 3.671795 | 75.24957 | 1.979982 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0026075 | 2.500788 | -.000628 | .0003540 | 3.316352 | -.007795 | .0094894 |
| #2 | .0018351 | 2.425480 | -.000735 | -.000057 | 3.329986 | -.001294 | .0097640 |
| #3 | .0027101 | 2.464704 | -.000249 | -.000202 | 3.538761 | -.003944 | .0098595 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0348976 | -.003597 | .0118065 | .0009543 | 1.013938 | .4250749 | -.002556 |
| Stddev | .0219831 | .004029  | .0003268 | .0001403 | .012092  | .0028738 | .000239  |
| %RSD   | 62.99310 | 112.0264 | 2.767633 | 14.70446 | 1.192611 | .6760804 | 9.349160 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0367131 | -.000319 | .0116371 | .0007940 | 1.001098 | .4218098 | -.002453 |
| #2 | .0120630 | -.002376 | .0121831 | .0010546 | 1.015605 | .4272207 | -.002385 |
| #3 | .0559166 | -.008095 | .0115991 | .0010145 | 1.025110 | .4261942 | -.002829 |

Sample Name: K1941-02      Acquired: 03/19/2019 22:18:55      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: T-1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000989</b> | <b>-.005903</b> | <b>.0943663</b> |
| Stddev | .002696         | .002375         | .0008021        |
| %RSD   | 272.7217        | 40.24082        | .8499476        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.003066</b> | <b>-.007469</b> | <b>.0937378</b> |
| #2 | <b>-.001958</b> | <b>-.003170</b> | <b>.0940914</b> |
| #3 | <b>.002058</b>  | <b>-.007070</b> | <b>.0952697</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2750.088</b> | <b>2990.531</b> | <b>60713.41</b> | <b>5366.087</b> | <b>4539.885</b> |
| Stddev    | 5.166           | 33.148          | 189.37          | 8.291           | 55.345          |
| %RSD      | .1878662        | 1.108427        | .3119143        | .1545080        | 1.219088        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2744.941</b> | <b>3013.195</b> | <b>60911.86</b> | <b>5361.690</b> | <b>4568.848</b> |
| #2 | <b>2755.274</b> | <b>3005.911</b> | <b>60693.71</b> | <b>5360.920</b> | <b>4574.738</b> |
| #3 | <b>2750.050</b> | <b>2952.487</b> | <b>60534.65</b> | <b>5375.650</b> | <b>4476.068</b> |



Sample Name: K1941-02DUP      Acquired: 03/19/2019 22:22:48      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: T-1DUP      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021428 | -.001399 | .0010232 | .0057115 | -.000722 | -.005648 | .0551999 |
| Stddev | .0029093 | .001477  | .0018417 | .0031111 | .002153  | .006004  | .0006696 |
| %RSD   | 135.7721 | 105.5304 | 179.9984 | 54.47129 | 297.9605 | 106.3052 | 1.213097 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0036894 | -.002818 | -.000679 | .0055425 | .000545  | -.007015 | .0558992 |
| #2 | -.001213 | .000130  | .002978  | .0026883 | .000496  | .000922  | .0545646 |
| #3 | .003952  | -.001510 | .000770  | .0089036 | -.003208 | -.010850 | .0551359 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000182 | .0000197 | 8.887733 | .0007165 | -.000889 | .0030572 | -.021202 |
| Stddev | .000025  | .0000380 | .024203  | .0002883 | .000103  | .0051680 | .011363  |
| %RSD   | 13.53753 | 192.9481 | .2723165 | 40.23415 | 11.52896 | 169.0441 | 53.59581 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000204 | -.000004 | 8.915636 | .0009523 | -.000983 | .0066025 | -.034097 |
| #2 | -.000187 | -.000001 | 8.875130 | .0003951 | -.000780 | .0054416 | -.016853 |
| #3 | -.000155 | .000064  | 8.872431 | .0008019 | -.000905 | -.002873 | -.012655 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013834 | 2.405636 | -.000390 | -.000194 | 2.953607 | -.002279 | .0094579 |
| Stddev | .0013058 | .136009  | .000330  | .000533  | .015546  | .004519  | .0002444 |
| %RSD   | 94.38763 | 5.653776 | 84.57043 | 274.3256 | .5263541 | 198.3019 | 2.584486 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0023935 | 2.292980 | -.000744 | -.000701 | 2.938969 | .002036  | .0097324 |
| #2 | .0018478 | 2.367200 | -.000090 | -.000242 | 2.969926 | -.006979 | .0093778 |
| #3 | -.000091 | 2.556727 | -.000337 | .000361  | 2.951926 | -.001894 | .0092636 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1103655 | -.001596 | .0126219 | .0009335 | 1.029445 | .4306622 | -.002076 |
| Stddev | .0475668 | .001873  | .0010157 | .0001284 | .022251  | .0020894 | .000520  |
| %RSD   | 43.09936 | 117.3303 | 8.046973 | 13.75234 | 2.161501 | .4851576 | 25.04660 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1552955 | -.002991 | .0118887 | .0009527 | 1.024364 | .4329542 | -.002675 |
| #2 | .1152607 | -.002331 | .0137812 | .0007966 | 1.010173 | .4288638 | -.001812 |
| #3 | .0605404 | .000533  | .0121957 | .0010512 | 1.053797 | .4301686 | -.001741 |

Sample Name: K1941-02DUP      Acquired: 03/19/2019 22:22:48      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: T-1DUP      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.003058</b> | <b>-.007255</b> | <b>.0947667</b> |
| Stddev | .000903         | .001734         | .0003003        |
| %RSD   | 29.52245        | 23.90212        | .3168774        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002027</b> | <b>-.008926</b> | <b>.0950770</b> |
| #2 | <b>-.003439</b> | <b>-.007375</b> | <b>.0944775</b> |
| #3 | <b>-.003707</b> | <b>-.005464</b> | <b>.0947456</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2726.155</b> | <b>2961.747</b> | <b>60379.91</b> | <b>5337.690</b> | <b>4506.864</b> |
| Stddev    | 37.506          | 41.340          | 432.25          | 51.892          | 56.153          |
| %RSD      | 1.375791        | 1.395808        | .7158798        | .9721738        | 1.245940        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2697.942</b> | <b>2977.030</b> | <b>60070.18</b> | <b>5280.590</b> | <b>4525.931</b> |
| #2 | <b>2768.718</b> | <b>2993.271</b> | <b>60873.73</b> | <b>5381.970</b> | <b>4551.000</b> |
| #3 | <b>2711.807</b> | <b>2914.942</b> | <b>60195.83</b> | <b>5350.510</b> | <b>4443.660</b> |

Sample Name: K1941-02LX5      Acquired: 03/19/2019 22:26:41      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: PBW      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0030483 | -.001200 | .0004613 | .0040045 | -.000642 | -.022173 | .0108429 |
| Stddev | .0038931 | .001118  | .0010895 | .0027602 | .000620  | .002632  | .0006934 |
| %RSD   | 127.7128 | 93.13606 | 236.1982 | 68.92624 | 96.56392 | 11.87232 | 6.394920 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0043157 | -.000323 | .0016465 | .0065275 | -.000768 | -.023819 | .0115514 |
| #2 | .0061497 | -.002459 | -.000497 | .0010565 | .000031  | -.019137 | .0101657 |
| #3 | -.001321 | -.000819 | .000234  | .0044296 | -.001190 | -.023562 | .0108115 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000018 | .0000024 | 1.860122 | -.000113 | -.000311 | .0025188 | -.005990 |
| Stddev | .000024  | .0001248 | .009213  | .000337  | .000057  | .0012068 | .026147  |
| %RSD   | 134.4418 | 5167.734 | .4953154 | 299.5569 | 18.49090 | 47.91381 | 436.5252 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000005  | -.000092 | 1.859929 | .000130  | -.000374 | .0037853 | -.031015 |
| #2 | -.000016 | .000144  | 1.851006 | -.000498 | -.000297 | .0013821 | -.008103 |
| #3 | -.000043 | -.000044 | 1.869430 | .000030  | -.000261 | .0023889 | .021150  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000166 | .5048494 | .0002644 | .0003151 | 1.027489 | .0003462 | .0010966 |
| Stddev | .000922  | .0639204 | .0000482 | .0004478 | .124294  | .0047475 | .0005549 |
| %RSD   | 556.1962 | 12.66129 | 18.23825 | 142.1237 | 12.09688 | 1371.193 | 50.60117 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001178 | .5213666 | .0002374 | .0005398 | 1.070061 | .0013030 | .0015217 |
| #2 | .000054  | .5588901 | .0002357 | -.000201 | 1.124904 | -.004807 | .0012992 |
| #3 | .000627  | .4342914 | .0003201 | .000606  | .887503  | .004543  | .0004689 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0585244 | -.004608 | -.003142 | .0000677 | .2366672 | .0942876 | -.002015 |
| Stddev | .1016345 | .001714  | .000425  | .0002374 | .0057607 | .0018574 | .000418  |
| %RSD   | 173.6616 | 37.19972 | 13.53368 | 350.7129 | 2.434081 | 1.969925 | 20.73142 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.013668 | -.006396 | -.003621 | -.000021 | .2359071 | .0922502 | -.002353 |
| #2 | .174750  | -.002979 | -.002994 | .000337  | .2427702 | .0947263 | -.001548 |
| #3 | .014492  | -.004449 | -.002810 | -.000113 | .2313243 | .0958864 | -.002143 |

Sample Name: K1941-02LX5      Acquired: 03/19/2019 22:26:41      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: PBW      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0004084 | -.004554 | .0201675 |
| Stddev | .0018850 | .002150  | .0000891 |
| %RSD   | 461.5129 | 47.21587 | .4415795 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000883 | -.006128 | .0200753 |
| #2 | .002571  | -.002104 | .0202530 |
| #3 | -.000463 | -.005429 | .0201742 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2731.223 | 2975.777 | 60163.19 | 5314.820 | 4492.417 |
| Stddev    | 23.989   | 37.342   | 276.35   | 37.187   | 56.586   |
| %RSD      | .8783081 | 1.254879 | .4593324 | .6996893 | 1.259594 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2727.876 | 2982.971 | 60087.99 | 5286.450 | 4505.720 |
| #2 | 2756.709 | 3008.999 | 60469.35 | 5301.090 | 4541.167 |
| #3 | 2709.083 | 2935.361 | 59932.21 | 5356.920 | 4430.365 |

Sample Name: K1941-02A      Acquired: 03/19/2019 22:30:35      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6400209</b> | <b>1.606119</b> | <b>.8150299</b> | <b>1.400786</b> | <b>.6498603</b> | <b>1.771970</b> | <b>.2255984</b> |
| Stddev | .0120920        | .036697         | .0159175        | .025045         | .0158107        | .007503         | .0005162        |
| %RSD   | 1.889315        | 2.284823        | 1.953001        | 1.787893        | 2.432935        | .4234172        | .2288175        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6331065 | 1.582053 | .8070619 | 1.388331 | .6429521 | 1.763316 | .2250023 |
| #2 | .6329729 | 1.587948 | .8046698 | 1.384411 | .6386794 | 1.776639 | .2258925 |
| #3 | .6539833 | 1.648357 | .8333579 | 1.429617 | .6679495 | 1.775957 | .2259003 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1604657</b> | <b>.1627998</b> | <b>9.157066</b> | <b>.3453243</b> | <b>.1700342</b> | <b>.2644184</b> | <b>2.846225</b> |
| Stddev | .0012603        | .0034746        | .031268         | .0017751        | .0040981        | .0040428        | .042220         |
| %RSD   | .7854247        | 2.134285        | .3414643        | .5140265        | 2.410175        | 1.528942        | 1.483379        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1591953 | .1610419 | 9.169359 | .3454185 | .1679778 | .2597568 | 2.852137 |
| #2 | .1604861 | .1605554 | 9.180319 | .3435039 | .1673714 | .2665338 | 2.885177 |
| #3 | .1617157 | .1668021 | 9.121519 | .3470503 | .1747533 | .2669646 | 2.801360 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1874785</b> | <b>4.069311</b> | <b>.4250244</b> | <b>.0642174</b> | <b>5.502393</b> | <b>.2760391</b> | <b>.1788568</b> |
| Stddev | .0016657        | .080222         | .0081329        | .0007481        | .165261         | .0012415        | .0018188        |
| %RSD   | .8884797        | 1.971394        | 1.913523        | 1.164966        | 3.003448        | .4497518        | 1.016928        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1881949 | 4.031702 | .4212249 | .0633999 | 5.562721 | .2774393 | .1774369 |
| #2 | .1855744 | 4.161429 | .4194865 | .0643845 | 5.315443 | .2750731 | .1809069 |
| #3 | .1886661 | 4.014803 | .4343617 | .0648678 | 5.629015 | .2756047 | .1782266 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>8.801806</b> | <b>4.998873</b> | <b>.2525810</b> | <b>.3619230</b> | <b>.9253241</b> | <b>1.189588</b> | <b>.5842865</b> |
| Stddev | .080015         | .107145         | .0043802        | .0075967        | .0119271        | .010502         | .0150151        |
| %RSD   | .9090774        | 2.143387        | 1.734167        | 2.098987        | 1.288964        | .8828662        | 2.569821        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.810147 | 4.939590 | .2475239 | .3578003 | .9231779 | 1.178194 | .5737230 |
| #2 | 8.717948 | 4.934470 | .2551804 | .3572789 | .9146158 | 1.198881 | .5776617 |
| #3 | 8.877325 | 5.122558 | .2550387 | .3706897 | .9381786 | 1.191691 | .6014746 |

Sample Name: K1941-02A      Acquired: 03/19/2019 22:30:35      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1781443</b> | <b>.1651540</b> | <b>.2639883</b> |
| Stddev | .0016129        | .0016325        | .0011774        |
| %RSD   | .9053781        | .9884520        | .4460153        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1799583</b> | <b>.1637446</b> | <b>.2637287</b> |
| #2 | <b>.1768719</b> | <b>.1647746</b> | <b>.2652738</b> |
| #3 | <b>.1776029</b> | <b>.1669428</b> | <b>.2629623</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2708.573</b> | <b>2957.502</b> | <b>60410.31</b> | <b>5380.420</b> | <b>4527.224</b> |
| Stddev    | 39.033          | 44.169          | 353.81          | 39.343          | 68.961          |
| %RSD      | 1.441082        | 1.493454        | .5856814        | .7312321        | 1.523253        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2686.664 | 2977.351 | 60238.05 | 5395.960 | 4557.667 |
| #2 | 2685.416 | 2988.265 | 60175.61 | 5335.680 | 4575.725 |
| #3 | 2753.638 | 2906.891 | 60817.26 | 5409.620 | 4448.280 |

Sample Name: K1941-02MS      Acquired: 03/19/2019 22:34:19      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: T-1MS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6468549</b> | <b>1.605793</b> | <b>.8126296</b> | <b>1.405416</b> | <b>.6515007</b> | <b>1.747126</b> | <b>.2238313</b> |
| Stddev | .0148334        | .033703         | .0163913        | .028237         | .0139493        | .025261         | .0007782        |
| %RSD   | 2.293163        | 2.098821        | 2.017068        | 2.009183        | 2.141098        | 1.445846        | .3476483        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6431920 | 1.590541 | .8052352 | 1.399084 | .6457015 | 1.723897 | .2233989 |
| #2 | .6341960 | 1.582413 | .8012381 | 1.380882 | .6413865 | 1.743462 | .2247297 |
| #3 | .6631766 | 1.644426 | .8314154 | 1.436282 | .6674141 | 1.774018 | .2233655 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1614434</b> | <b>.1624495</b> | <b>9.145427</b> | <b>.3446278</b> | <b>.1693950</b> | <b>.2637068</b> | <b>2.861283</b> |
| Stddev | .0016114        | .0030373        | .036776         | .0003826        | .0029160        | .0019088        | .018623         |
| %RSD   | .9981000        | 1.869710        | .4021268        | .1110110        | 1.721434        | .7238241        | .6508522        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1620204 | .1610123 | 9.103580 | .3444736 | .1683720 | .2657815 | 2.839872 |
| #2 | .1626869 | .1603976 | 9.172603 | .3450634 | .1671282 | .2620252 | 2.873712 |
| #3 | .1596230 | .1659387 | 9.160098 | .3443463 | .1726846 | .2633137 | 2.870267 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1890336</b> | <b>4.043294</b> | <b>.4261734</b> | <b>.0639705</b> | <b>5.497210</b> | <b>.2718721</b> | <b>.1787698</b> |
| Stddev | .0014092        | .034615         | .0081829        | .0009909        | .132816         | .0105221        | .0008980        |
| %RSD   | .7454942        | .8561211        | 1.920075        | 1.549047        | 2.416066        | 3.870229        | .5023334        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1881053 | 4.050376 | .4235467 | .0631060 | 5.572707 | .2772350 | .1778809 |
| #2 | .1906552 | 4.005685 | .4196264 | .0650519 | 5.343853 | .2597491 | .1787519 |
| #3 | .1883404 | 4.073821 | .4353470 | .0637536 | 5.575070 | .2786323 | .1796767 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>8.678789</b> | <b>4.988694</b> | <b>.2550418</b> | <b>.3620688</b> | <b>.9242189</b> | <b>1.198098</b> | <b>.5847802</b> |
| Stddev | .062141         | .099105         | .0011361        | .0073146        | .0280996        | .014026         | .0122033        |
| %RSD   | .7160140        | 1.986593        | .4454602        | 2.020236        | 3.040362        | 1.170705        | 2.086824        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.729693 | 4.953775 | .2558369 | .3587913 | .9175334 | 1.197703 | .5809243 |
| #2 | 8.609540 | 4.911775 | .2555478 | .3569661 | .9000651 | 1.212318 | .5749706 |
| #3 | 8.697132 | 5.100532 | .2537406 | .3704490 | .9550584 | 1.184274 | .5984457 |

Sample Name: K1941-02MS      Acquired: 03/19/2019 22:34:19      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: T-1MS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1740843</b> | <b>.1639771</b> | <b>.2608182</b> |
| Stddev | .0013724        | .0000770        | .0013552        |
| %RSD   | .7883237        | .0469454        | .5196047        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1725160</b> | <b>.1640097</b> | <b>.2613112</b> |
| #2 | <b>.1750649</b> | <b>.1638892</b> | <b>.2618580</b> |
| #3 | <b>.1746721</b> | <b>.1640325</b> | <b>.2592855</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2714.748</b> | <b>2962.916</b> | <b>60591.50</b> | <b>5359.233</b> | <b>4541.138</b> |
| Stddev    | 21.338          | 40.456          | 242.02          | 26.627          | 58.276          |
| %RSD      | .7860144        | 1.365418        | .3994220        | .4968364        | 1.283282        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2725.778</b> | <b>2983.330</b> | <b>60683.65</b> | <b>5346.460</b> | <b>4565.749</b> |
| #2 | <b>2728.314</b> | <b>2989.098</b> | <b>60773.91</b> | <b>5341.400</b> | <b>4583.071</b> |
| #3 | <b>2690.152</b> | <b>2916.320</b> | <b>60316.95</b> | <b>5389.840</b> | <b>4474.595</b> |



Sample Name: K1941-02MSD      Acquired: 03/19/2019 22:38:04      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: T-1MSD      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6314394</b> | <b>1.586106</b> | <b>.8026505</b> | <b>1.383948</b> | <b>.6436094</b> | <b>1.743243</b> | <b>.2223724</b> |
| Stddev | .0168211        | .043090         | .0225452        | .041378         | .0191981        | .011987         | .0003100        |
| %RSD   | 2.663924        | 2.716716        | 2.808838        | 2.989862        | 2.982887        | .6876439        | .1394011        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6203556 | 1.563819 | .7916407 | 1.374853 | .6329837 | 1.737395 | .2227048 |
| #2 | .6231679 | 1.558724 | .7877258 | 1.347874 | .6320733 | 1.757032 | .2220911 |
| #3 | .6507947 | 1.635775 | .8285851 | 1.429117 | .6657713 | 1.735302 | .2223214 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1593373</b> | <b>.1606278</b> | <b>9.137487</b> | <b>.3421748</b> | <b>.1678306</b> | <b>.2638176</b> | <b>2.835955</b> |
| Stddev | .0004806        | .0042970        | .060150         | .0008876        | .0046537        | .0023994        | .055289         |
| %RSD   | .3016109        | 2.675150        | .6582785        | .2593865        | 2.772885        | .9094981        | 1.949568        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1587963 | .1587515 | 9.117719 | .3431996 | .1657690 | .2633890 | 2.803874 |
| #2 | .1597146 | .1575881 | 9.205034 | .3416655 | .1645638 | .2664024 | 2.899796 |
| #3 | .1595011 | .1655440 | 9.089709 | .3416591 | .1731590 | .2616613 | 2.804193 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1836109</b> | <b>4.022457</b> | <b>.4202603</b> | <b>.0636391</b> | <b>5.589823</b> | <b>.2695304</b> | <b>.1764872</b> |
| Stddev | .0019741        | .042439         | .0109349        | .0004552        | .152363         | .0076031        | .0003538        |
| %RSD   | 1.075126        | 1.055060        | 2.601928        | .7152386        | 2.725714        | 2.820883        | .2004618        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1828691 | 4.045913 | .4146841 | .0635425 | 5.439085 | .2625740 | .1764870 |
| #2 | .1821151 | 3.973467 | .4132376 | .0641349 | 5.586626 | .2776469 | .1761335 |
| #3 | .1858483 | 4.047991 | .4328591 | .0632401 | 5.743760 | .2683704 | .1768411 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>8.552164</b> | <b>4.933217</b> | <b>.2512164</b> | <b>.3570178</b> | <b>.9163963</b> | <b>1.182154</b> | <b>.5763684</b> |
| Stddev | .054576         | .130968         | .0019204        | .0110634        | .0252397        | .006134         | .0136272        |
| %RSD   | .6381503        | 2.654822        | .7644387        | 3.098842        | 2.754230        | .5189074        | 2.364329        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.576306 | 4.877465 | .2490061 | .3514470 | .9051233 | 1.178116 | .5684357 |
| #2 | 8.590504 | 4.839350 | .2521682 | .3498470 | .8987577 | 1.189213 | .5685660 |
| #3 | 8.489681 | 5.082837 | .2524751 | .3697592 | .9453079 | 1.179135 | .5921036 |

Sample Name: K1941-02MSD      Acquired: 03/19/2019 22:38:04      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: T-1MSD      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1725951</b> | <b>.1603213</b> | <b>.2591598</b> |
| Stddev | .0024405        | .0017272        | .0010903        |
| %RSD   | 1.413977        | 1.077346        | .4206926        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1699333</b> | <b>.1585571</b> | <b>.2603031</b> |
| #2 | <b>.1747272</b> | <b>.1603978</b> | <b>.2590445</b> |
| #3 | <b>.1731247</b> | <b>.1620089</b> | <b>.2581318</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2737.822</b> | <b>2990.216</b> | <b>60928.55</b> | <b>5431.183</b> | <b>4588.569</b> |
| Stddev    | 11.392          | 64.715          | 78.92           | 35.024          | 91.795          |
| %RSD      | .4160798        | 2.164242        | .1295351        | .6448675        | 2.000517        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2747.779</b> | <b>3019.083</b> | <b>61013.20</b> | <b>5470.710</b> | <b>4629.585</b> |
| #2 | <b>2725.400</b> | <b>3035.474</b> | <b>60856.99</b> | <b>5404.010</b> | <b>4652.705</b> |
| #3 | <b>2740.287</b> | <b>2916.090</b> | <b>60915.45</b> | <b>5418.830</b> | <b>4483.417</b> |

Sample Name: K1941-05      Acquired: 03/19/2019 22:41:47      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: T-2      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000101</b> | <b>.0029158</b> | <b>.0019874</b> | <b>.0070604</b> | <b>-.000287</b> | <b>-.015085</b> | <b>.0393075</b> |
| Stddev | .001138         | .0013286        | .0016096        | .0011732        | .001590         | .008571         | .0009908        |
| %RSD   | 1127.540        | 45.56614        | 80.99275        | 16.61684        | 553.2504        | 56.82206        | 2.520620        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001187  | .0044499 | .0019703 | .0079439 | .001265  | -.006995 | .0404276 |
| #2 | -.000968 | .0021423 | .0036054 | .0057293 | -.000216 | -.024068 | .0389492 |
| #3 | -.000522 | .0021551 | .0003863 | .0075081 | -.001912 | -.014191 | .0385456 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0001318</b> | <b>.0002765</b> | <b>10.70730</b> | <b>.0016020</b> | <b>-.000799</b> | <b>-.003430</b> | <b>-.008914</b> |
| Stddev | .0001042        | .0000334        | .19891          | .0003106        | .000291         | .004237         | .013809         |
| %RSD   | 79.08847        | 12.08610        | 1.857675        | 19.38933        | 36.48825        | 123.5395        | 154.9127        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001382 | .0003106 | 10.93383 | .0019103 | -.001102 | -.006346 | -.024511 |
| #2 | .0002326 | .0002751 | 10.56123 | .0016067 | -.000521 | .001430  | .001758  |
| #3 | .0000245 | .0002438 | 10.62683 | .0012891 | -.000772 | -.005373 | -.003990 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0018364</b> | <b>2.871464</b> | <b>.0000587</b> | <b>-.000140</b> | <b>4.220380</b> | <b>.0002405</b> | <b>.0085885</b> |
| Stddev | .0007907        | .042749         | .0003643        | .000278         | .309060         | .0039830        | .0003455        |
| %RSD   | 43.05867        | 1.488747        | 620.7931        | 198.4209        | 7.323038        | 1656.288        | 4.022603        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0020618 | 2.863992 | -.000017 | -.000384 | 4.516778 | -.002081 | .0089092 |
| #2 | .0009575 | 2.917456 | -.000262 | -.000200 | 3.900050 | -.002037 | .0082227 |
| #3 | .0024900 | 2.832943 | .000455  | .000163  | 4.244312 | .004840  | .0086336 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2473491</b> | <b>.0017568</b> | <b>.0144193</b> | <b>.0011317</b> | <b>1.485858</b> | <b>.3725282</b> | <b>-.002123</b> |
| Stddev | .0724468        | .0022122        | .0001390        | .0001010        | .047944         | .0074402        | .000806         |
| %RSD   | 29.28928        | 125.9233        | .9638573        | 8.926990        | 3.226673        | 1.997218        | 37.95454        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3290840 | .0043100 | .0145576 | .0010206 | 1.471627 | .3808120 | -.002582 |
| #2 | .1910514 | .0004101 | .0144206 | .0011568 | 1.446641 | .3664140 | -.001193 |
| #3 | .2219120 | .0005504 | .0142796 | .0012179 | 1.539306 | .3703584 | -.002594 |

Sample Name: K1941-05      Acquired: 03/19/2019 22:41:47      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: T-2      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0003802</b> | <b>-.007259</b> | <b>.1091658</b> |
| Stddev | .0013952        | .001711         | .0006751        |
| %RSD   | 367.0280        | 23.57125        | .6184364        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0007679</b> | <b>-.008094</b> | <b>.1098328</b> |
| #2 | <b>-.001168</b> | <b>-.008392</b> | <b>.1091817</b> |
| #3 | <b>.001541</b>  | <b>-.005291</b> | <b>.1084828</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2748.739</b> | <b>3028.152</b> | <b>61320.19</b> | <b>5398.480</b> | <b>4625.699</b> |
| Stddev    | 7.411           | 68.069          | 118.06          | 104.254         | 106.186         |
| %RSD      | .2696098        | 2.247881        | .1925271        | 1.931167        | 2.295565        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2754.644 | 3051.951 | 61204.70 | 5278.660 | 4662.049 |
| #2 | 2740.423 | 3081.127 | 61315.19 | 5468.450 | 4708.937 |
| #3 | 2751.150 | 2951.379 | 61440.66 | 5448.330 | 4506.112 |

Sample Name: K1938-01DLX10      Acquired: 03/19/2019 22:45:39      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0115576 | .0026037 | .0591014 | -.000822 | -.001363 | 3.314378 |
| Stddev | .0042402 | .0006621 | .0006471 | .002108  | .001116  | .036785  |
| %RSD   | 36.68722 | 25.42852 | 1.094900 | 256.4876 | 81.82680 | 1.109855 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0145801 | .0023897 | .0584989 | -.003186 | -.002618 | 3.336568 |
| #2 | .0067106 | .0020751 | .0590200 | -.000143 | -.000989 | 3.271917 |
| #3 | .0133821 | .0033463 | .0597854 | .000863  | -.000483 | 3.334650 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1151743 | .0001848 | .0006961 | 60.94541 | .0039377 | -.000504 |
| Stddev | .0014871 | .0000501 | .0000946 | .42366   | .0004609 | .000244  |
| %RSD   | 1.291181 | 27.10685 | 13.59531 | .6951414 | 11.70462 | 48.39750 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1166035 | .0002126 | .0006971 | 61.43359 | .0034799 | -.000684 |
| #2 | .1152840 | .0001270 | .0006010 | 60.67410 | .0039315 | -.000226 |
| #3 | .1136353 | .0002149 | .0007902 | 60.72853 | .0044016 | -.000603 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0126888 | 2.441504 | .0538932 | 164.7408 | .0036972 | -.000011 |
| Stddev | .0034907 | .014630  | .0038390 | 1.1066   | .0001957 | .000293  |
| %RSD   | 27.50997 | .5992246 | 7.123275 | .6717042 | 5.291851 | 2567.380 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0166551 | 2.447701 | .0498194 | 166.0130 | .0034716 | -.000136 |
| #2 | .0113269 | 2.452016 | .0544165 | 164.0022 | .0038191 | .000323  |
| #3 | .0100843 | 2.424795 | .0574436 | 164.2070 | .0038011 | -.000222 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na8183     | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 1329.417 | .0013070 | .0541011 | 50.20614 | .0807047 | .5761599 |
| Stddev | 9.732      | .0031845 | .0013095 | .19587   | .0047734 | .0058290 |
| %RSD   | .7320228   | 243.6577 | 2.420546 | .3901275 | 5.914601 | 1.011706 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1340.367 | -.002187 | .0553661 | 50.18664 | .0757340 | .5816374 |
| #2 | 1326.126 | .004047  | .0541859 | 50.41103 | .0811275 | .5768086 |
| #3 | 1321.757 | .002061  | .0527512 | 50.02075 | .0852526 | .5700336 |

Sample Name: K1938-01DLX10      Acquired: 03/19/2019 22:45:39      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0016403</b> | <b>117.0750</b> | <b>3.402655</b> | <b>.0012752</b> | <b>.0869513</b> | <b>.0229724</b> |
| Stddev | .0001988        | 3.3008          | .034287         | .0005294        | .0052841        | .0011049        |
| %RSD   | 12.11765        | 2.819397        | 1.007664        | 41.51589        | 6.077033        | 4.809789        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0014118 | 114.8747 | 3.400148 | .0018823 | .0814003 | .0223764 |
| #2 | .0017730 | 115.4799 | 3.369690 | .0010334 | .0919202 | .0242474 |
| #3 | .0017361 | 120.8704 | 3.438127 | .0009098 | .0875335 | .0222935 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.9144024</b> |
| Stddev | .0043714        |
| %RSD   | .4780640        |

|    |          |
|----|----------|
| #1 | .9149218 |
| #2 | .9184910 |
| #3 | .9097945 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2756.436</b> | <b>2898.083</b> | <b>61042.28</b> | <b>5309.808</b> | <b>3999.615</b> |
| Stddev    | 68.165          | 66.965          | 1289.89         | 67.601          | 91.867          |
| %RSD      | 2.472932        | 2.310658        | 2.113108        | 1.273139        | 2.296898        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2687.725 | 2926.329 | 59735.35 | 5256.647 | 4044.884 |
| #2 | 2757.542 | 2946.297 | 61077.07 | 5286.887 | 4060.061 |
| #3 | 2824.041 | 2821.623 | 62314.42 | 5385.890 | 3893.898 |

Sample Name: CCV14      Acquired: 03/19/2019 22:49:30      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCV14712      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.730910</b> | <b>4.603550</b> | <b>4.618029</b> | <b>4.737281</b> | <b>4.731004</b> | <b>9.475714</b> |
| Stddev | .121466         | .122906         | .130059         | .140135         | .133004         | .023476         |
| %RSD   | 2.567488        | 2.669808        | 2.816338        | 2.958131        | 2.811320        | .2477516        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.698523 | 4.550920 | 4.573391 | 4.689442 | 4.695403 | 9.448704 |
| #2 | 4.628920 | 4.515724 | 4.516167 | 4.627330 | 4.619423 | 9.487230 |
| #3 | 4.865286 | 4.744007 | 4.764530 | 4.895071 | 4.878185 | 9.491209 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>9.417603</b> | <b>.2680766</b> | <b>2.470165</b> | <b>24.70658</b> | <b>.9157544</b> | <b>2.336233</b> |
| Stddev | .015552         | .0020173        | .069556         | .16579          | .0020418        | .064764         |
| %RSD   | .1651373        | .7525262        | 2.815826        | .6710205        | .2229663        | 2.772154        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.407684 | .2673941 | 2.445652 | 24.72810 | .9181081 | 2.314622 |
| #2 | 9.435527 | .2664891 | 2.416184 | 24.53109 | .9146975 | 2.285038 |
| #3 | 9.409598 | .2703467 | 2.548658 | 24.86056 | .9144578 | 2.409039 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.180048</b> | <b>5.360475</b> | <b>2.470183</b> | <b>26.21672</b> | <b>2.333434</b> | <b>1.210734</b> |
| Stddev | .005417         | .048605         | .010328         | .11754          | .063445         | .009691         |
| %RSD   | .4590503        | .9067223        | .4181155        | .4483334        | 2.718951        | .8003932        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.177705 | 5.343989 | 2.476328 | 26.34207 | 2.313585 | 1.212371 |
| #2 | 1.186242 | 5.415178 | 2.458259 | 26.19911 | 2.282287 | 1.219502 |
| #3 | 1.176196 | 5.322257 | 2.475961 | 26.10899 | 2.404431 | 1.200330 |

|        |                   |                 |                 |                 |                 |                 |
|--------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183            | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm               | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>F 27.61551</b> | <b>2.408359</b> | <b>2.356731</b> | <b>23.49169</b> | <b>5.081005</b> | <b>4.688885</b> |
| Stddev | .65983            | .015390         | .015582         | .11519          | .143034         | .012493         |
| %RSD   | 2.389350          | .6390140        | .6611672        | .4903371        | 2.815069        | .2664476        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 28.34586 | 2.390621 | 2.369996 | 23.40480 | 5.031069 | 4.680935 |
| #2 | 27.43827 | 2.416295 | 2.339571 | 23.44792 | 4.969634 | 4.682435 |
| #3 | 27.06240 | 2.418160 | 2.360624 | 23.62234 | 5.242313 | 4.703285 |

Sample Name: CCV14      Acquired: 03/19/2019 22:49:30      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCV14712      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.929089</b> | <b>4.725471</b> | <b>4.563203</b> | <b>4.616641</b> | <b>4.800056</b> | <b>4.649213</b> |
| Stddev | .137353         | .133745         | .027878         | .131151         | .012125         | .010019         |
| %RSD   | 2.786583        | 2.830299        | .6109367        | 2.840828        | .2525990        | .2154957        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.882829 | 4.674331 | 4.553595 | 4.573048 | 4.811864 | 4.639165 |
| #2 | 4.820838 | 4.624841 | 4.541399 | 4.512839 | 4.787637 | 4.659203 |
| #3 | 5.083600 | 4.877240 | 4.594614 | 4.764038 | 4.800667 | 4.649271 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>4.734212</b> |
| Stddev | .009052         |
| %RSD   | .1912069        |

|    |          |
|----|----------|
| #1 | 4.735578 |
| #2 | 4.724554 |
| #3 | 4.742503 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2827.536</b> | <b>3019.553</b> | <b>62623.77</b> | <b>5518.686</b> | <b>4538.896</b> |
| Stddev    | 18.809          | 63.400          | 423.58          | 17.388          | 95.246          |
| %RSD      | .6652152        | 2.099656        | .6763925        | .3150833        | 2.098440        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2806.021 | 3039.185 | 62404.98 | 5514.545 | 4572.145 |
| #2 | 2840.864 | 3070.815 | 62354.33 | 5537.772 | 4613.060 |
| #3 | 2835.724 | 2948.659 | 63112.01 | 5503.742 | 4431.482 |



Sample Name: CCB14      Acquired: 03/19/2019 22:53:03      Type: Unk  
Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN H      Custom ID1: CCB14712      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0022377 | .0036908 | .0014085 | .0036886 | -.001114 | .0039160 | .0095341 |
| Stddev | .0011783 | .0003268 | .0005903 | .0027195 | .000051  | .0158807 | .0171524 |
| %RSD   | 52.65515 | 8.853764 | 41.90767 | 73.72679 | 4.548493 | 405.5315 | 179.9055 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0009576 | .0035727 | .0019572 | .0005597 | -.001058 | .0214104 | .0293359 |
| #2 | .0024787 | .0040603 | .0007840 | .0050230 | -.001129 | -.000071 | -.000018 |
| #3 | .0032768 | .0034396 | .0014842 | .0054833 | -.001156 | -.009591 | -.000715 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001007 | .0006295 | .0280693 | .0000101 | .0000316 | .0046802 | .0129313 |
| Stddev | .0000423 | .0000301 | .0518741 | .0002529 | .0001957 | .0026609 | .0216105 |
| %RSD   | 42.02445 | 4.778895 | 184.8073 | 2499.969 | 619.6544 | 56.85458 | 167.1170 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000658 | .0006632 | .0871543 | .0000562 | .0002472 | .0073622 | .0282636 |
| #2 | .0000886 | .0006056 | .0070497 | .0002368 | -.000135 | .0046375 | -.011785 |
| #3 | .0001478 | .0006195 | -.009996 | -.000263 | -.000017 | .0020409 | .022315  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037843 | .1356880 | .0005914 | .0006379 | .4822933 | -.000331 | -.000542 |
| Stddev | .0056648 | .0567271 | .0001901 | .0002323 | .1248759 | .007648  | .000202  |
| %RSD   | 149.6941 | 41.80706 | 32.15277 | 36.42260 | 25.89211 | 2310.901 | 37.36787 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0103062 | .2011633 | .0003966 | .0003871 | .6211034 | .007490  | -.000736 |
| #2 | .0000897 | .1013059 | .0007765 | .0008459 | .4466937 | -.007794 | -.000557 |
| #3 | .0009568 | .1045947 | .0006011 | .0006807 | .3790828 | -.000689 | -.000332 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.043827 | -.005575 | .0026339 | .0009488 | -.002322 | .0057257 | .0011859 |
| Stddev | .098971  | .001634  | .0006779 | .0002692 | .001476  | .0016309 | .0011819 |
| %RSD   | 225.8217 | 29.31435 | 25.73578 | 28.37041 | 63.57317 | 28.48381 | 99.66335 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .037982  | -.006256 | .0028996 | .0012595 | -.001016 | .0067969 | .0017555 |
| #2 | -.153839 | -.003710 | .0018634 | .0007865 | -.003924 | .0038488 | .0019751 |
| #3 | -.015624 | -.006759 | .0031386 | .0008003 | -.002027 | .0065315 | -.000173 |

Sample Name: CCB14      Acquired: 03/19/2019 22:53:03      Type: Unk  
 Method: NON EPA-6010-200.7(v83)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN H      Custom ID1: CCB14712      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0077110</b> | <b>.0008518</b> | <b>.0064467</b> |
| Stddev | .0100588        | .0066375        | .0088862        |
| %RSD   | 130.4466        | 779.2073        | 137.8419        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0192935</b> | <b>.0085067</b> | <b>.0167026</b> |
| #2 | <b>.0011694</b> | <b>-.003306</b> | <b>.0015940</b> |
| #3 | <b>.0026702</b> | <b>-.002646</b> | <b>.0010434</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2815.801</b> | <b>3056.602</b> | <b>61808.17</b> | <b>5430.990</b> | <b>4637.047</b> |
| Stddev    | 19.731          | 64.831          | 395.31          | 78.709          | 99.784          |
| %RSD      | .7007174        | 2.121020        | .6395717        | 1.449257        | 2.151894        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2793.423</b> | <b>3092.834</b> | <b>61352.45</b> | <b>5441.460</b> | <b>4692.128</b> |
| #2 | <b>2830.693</b> | <b>3095.218</b> | <b>62058.53</b> | <b>5503.940</b> | <b>4697.151</b> |
| #3 | <b>2823.289</b> | <b>2981.754</b> | <b>62013.55</b> | <b>5347.570</b> | <b>4521.862</b> |