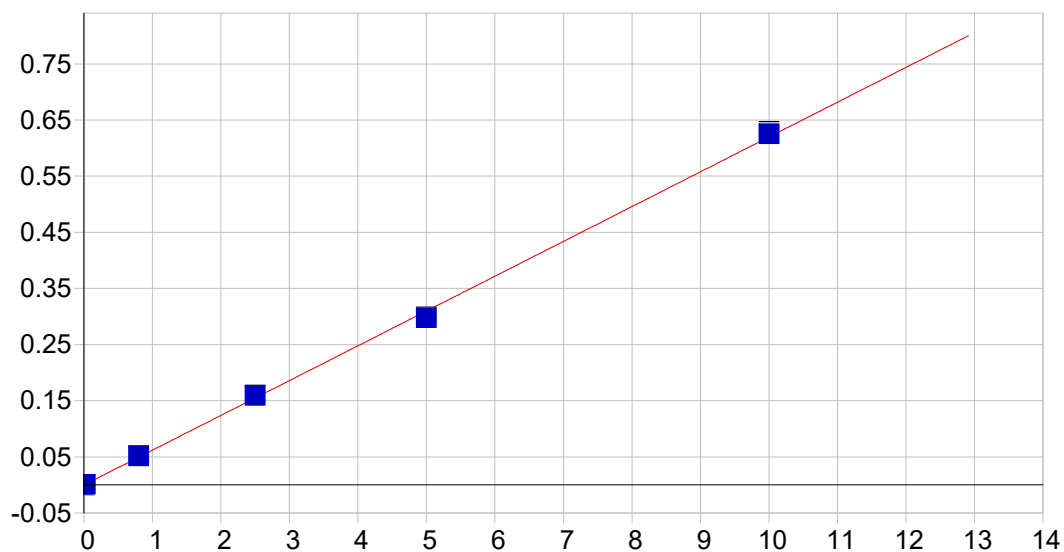




**As 189.042 {479}**

Date of Fit: 5/4/2023 13:40:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000161

Re-Slope: 1.000000

A1 (Gain): 0.061990

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999648

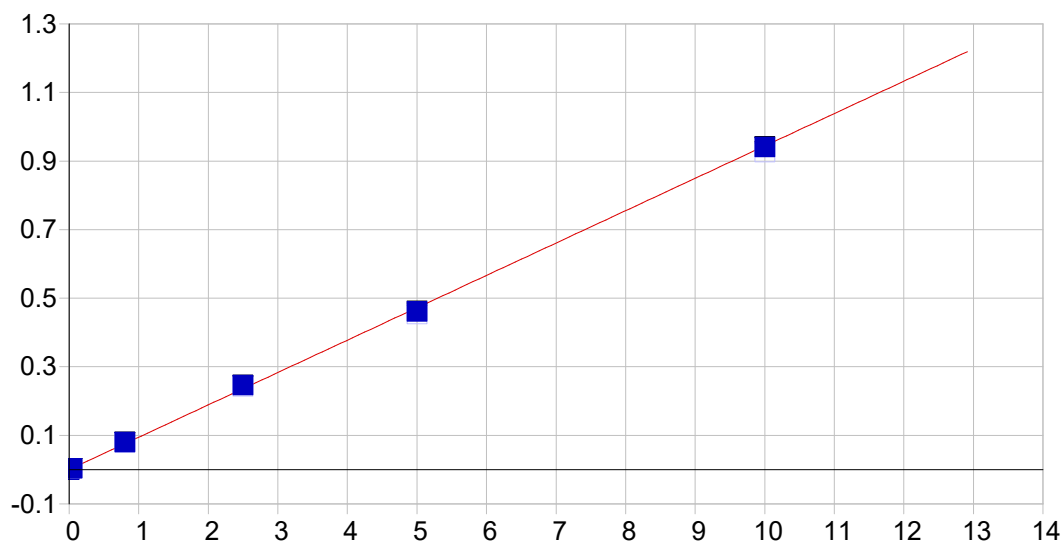
Status: OK.

Std Error of Est: 0.000039

Predicted MDL: 0.002804

Predicted MQL: 0.009348

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00016 | .000    | 1        |
| S1        | .02000       | .02351      | .004       | 17.5    | .00130  | .000    | 1        |
| S3        | 2.5000       | 2.5705      | .071       | 2.82    | .15917  | .001    | 1        |
| S4        | 5.0000       | 4.8014      | -.199      | -3.97   | .29745  | .002    | 1        |
| S5        | 10.000       | 10.088      | .088       | .883    | .62515  | .004    | 1        |
| S2        | .80000       | .83624      | .036       | 4.53    | .05167  | .000    | 1        |

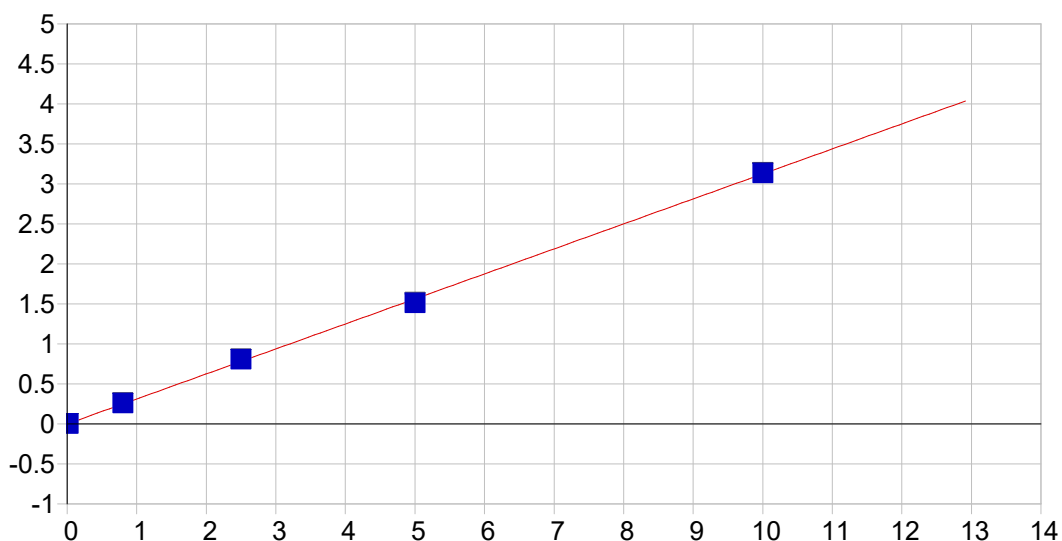


**TI 190.856 {477}**

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000065 Re-Slope: 1.000000  
 A1 (Gain): 0.094400 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999707 Status: OK.  
 Std Error of Est: 0.000075  
 Predicted MDL: 0.001508  
 Predicted MQL: 0.005026

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00006 | .000    | 1        |
| S1        | .04000       | .04087      | .001       | 2.17    | .00369 | .000    | 1        |
| S3        | 2.5000       | 2.6087      | .109       | 4.35    | .24251 | .000    | 1        |
| S4        | 5.0000       | 4.8806      | -.119      | -2.39   | .45316 | .002    | 1        |
| S5        | 10.000       | 9.9636      | -.036      | -.364   | .92536 | .002    | 1        |
| S2        | .80000       | .84626      | .046       | 5.78    | .07873 | .000    | 1        |

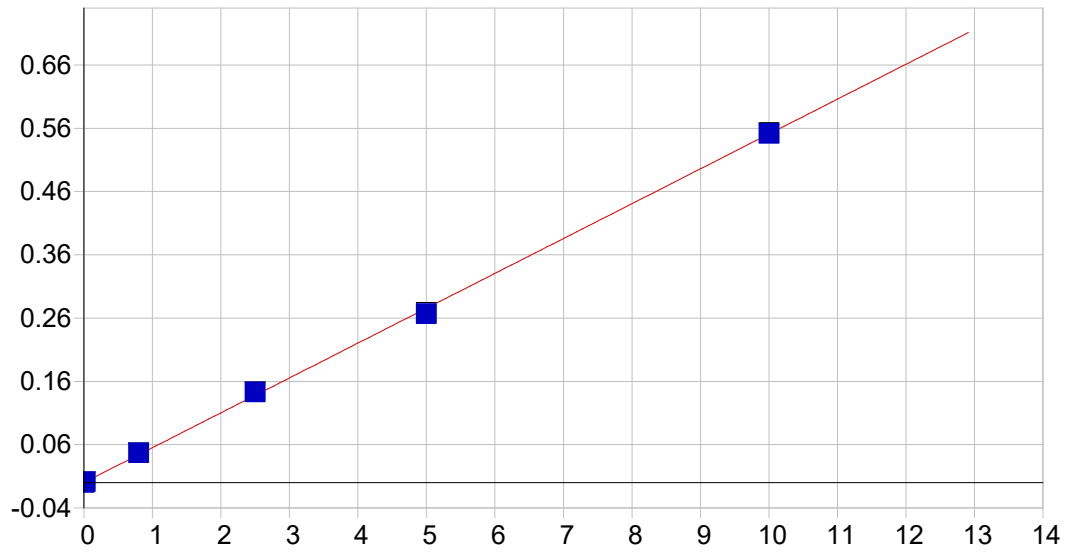


**Pb 220.353 {453}**

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000482 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.312554  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999714  | Status:   | OK.      |
| Std Error of Est: | 0.000136  |           |          |
| Predicted MDL:    | 0.001219  |           |          |
| Predicted MQL:    | 0.004062  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00048 | .000    | 1        |
| S1        | .01200       | .01287      | .001       | 7.28    | .00350  | .000    | 1        |
| S3        | 2.5000       | 2.5899      | .090       | 3.59    | .80883  | .001    | 1        |
| S4        | 5.0000       | 4.8339      | -.166      | -3.32   | 1.5101  | .009    | 1        |
| S5        | 10.000       | 10.041      | .041       | .407    | 3.1372  | .007    | 1        |
| S2        | .80000       | .83461      | .035       | 4.33    | .26033  | .001    | 1        |



**Se 196.090 {472}**

Date of Fit: 5/4/2023 13:40:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000109

Re-Slope: 1.000000

A1 (Gain): 0.055086

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999672

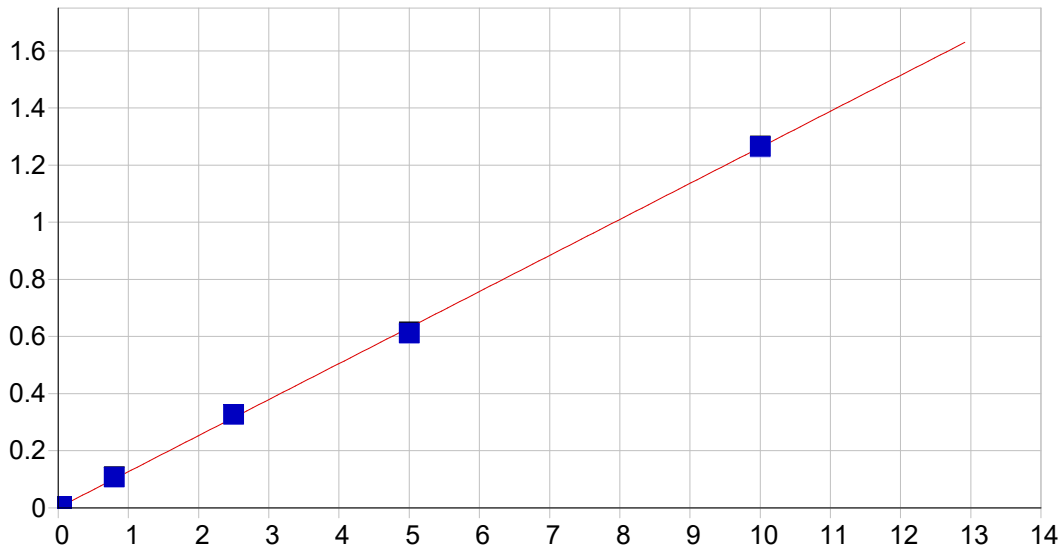
Status: OK.

Std Error of Est: 0.000033

Predicted MDL: 0.003170

Predicted MQL: 0.010566

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00011 | .000    | 1        |
| S1        | .02000       | .02079      | .001       | 3.93    | .00125 | .000    | 1        |
| S3        | 2.5000       | 2.5951      | .095       | 3.80    | .14312 | .000    | 1        |
| S4        | 5.0000       | 4.8406      | -.159      | -3.19   | .26687 | .002    | 1        |
| S5        | 10.000       | 10.012      | .012       | .121    | .55187 | .001    | 1        |
| S2        | .80000       | .85139      | .051       | 6.42    | .04703 | .000    | 1        |

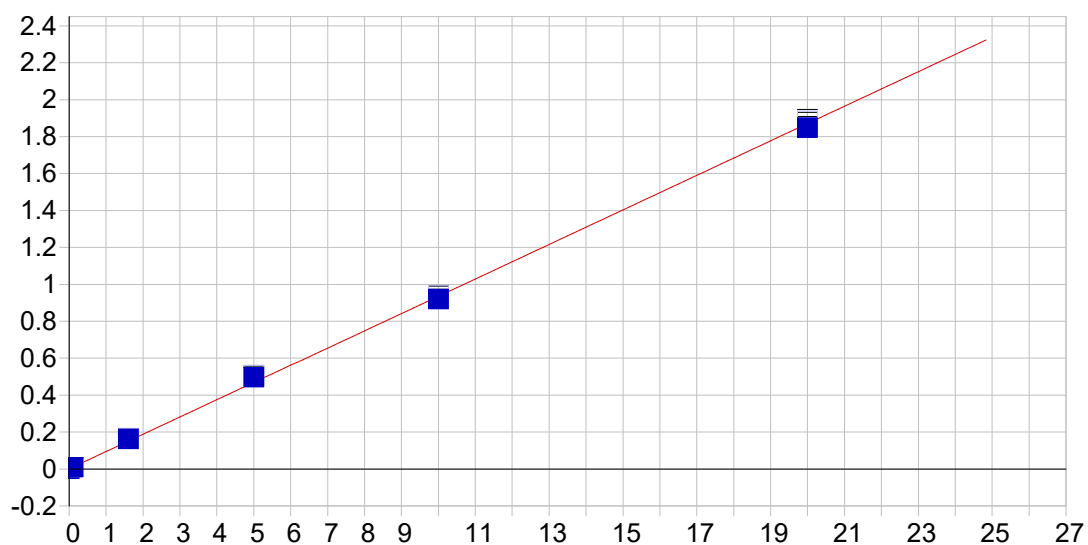


**Sb 206.833 {463}**

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000670 Re-Slope: 1.000000  
 A1 (Gain): 0.126160 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999709 Status: OK.  
 Std Error of Est: 0.000112  
 Predicted MDL: 0.001666  
 Predicted MQL: 0.005554

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00067 | .000    | 1        |
| S1        | .05000       | .04978      | -.000      | -.431   | .00694 | .000    | 1        |
| S3        | 2.5000       | 2.5834      | .083       | 3.34    | .32569 | .000    | 1        |
| S4        | 5.0000       | 4.8453      | -.155      | -3.09   | .61014 | .004    | 1        |
| S5        | 10.000       | 10.023      | .023       | .227    | 1.2615 | .002    | 1        |
| S2        | .80000       | .84888      | .049       | 6.11    | .10748 | .000    | 1        |

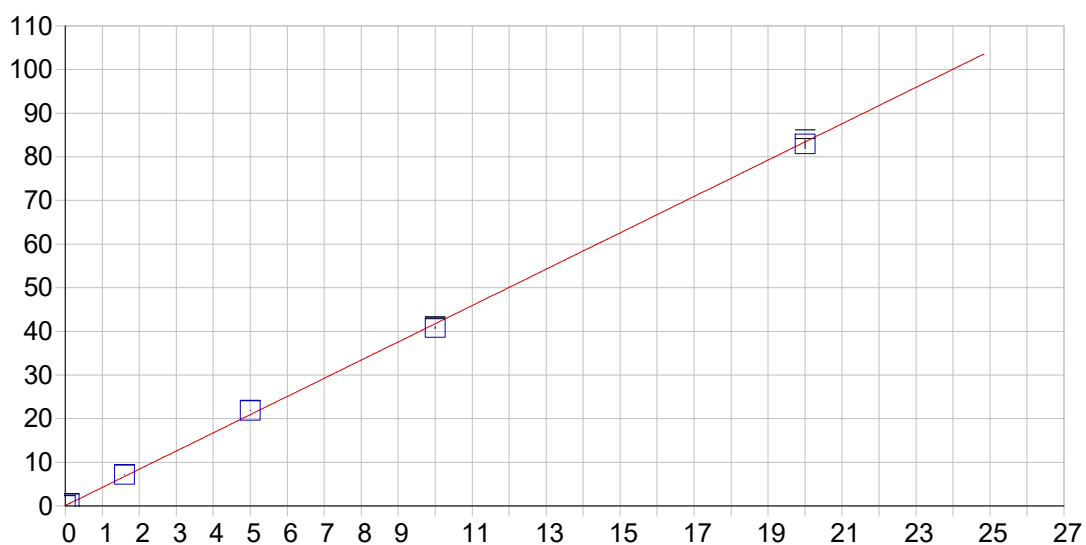


AI 396.152 { 85}

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000260 Re-Slope: 1.000000  
 A1 (Gain): 0.093577 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999515 Status: OK.  
 Std Error of Est: 0.000220  
 Predicted MDL: 0.011665  
 Predicted MQL: 0.038885

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00026 | .001    | 1        |
| S1        | .10000       | .09311      | -.007      | -6.89   | .00969 | .000    | 1        |
| S3        | 5.0000       | 5.3119      | .312       | 6.24    | .50675 | .001    | 1        |
| S4        | 10.000       | 9.8183      | -.182      | -1.82   | .93786 | .000    | 1        |
| S5        | 20.000       | 19.747      | -.253      | -1.27   | 1.8858 | .008    | 1        |
| S2        | 1.6000       | 1.7303      | .130       | 8.15    | .16519 | .001    | 1        |

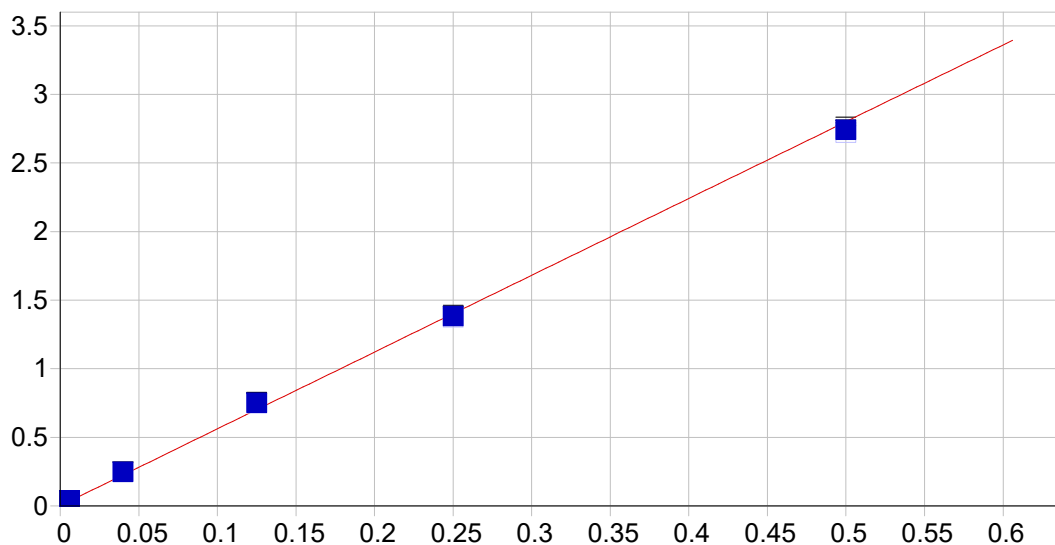


**Ba 493.409 { 68}**

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.076168 Re-Slope: 1.000000  
 A1 (Gain): 4.167260 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999703 Status: OK.  
 Std Error of Est: 0.007528  
 Predicted MDL: 0.000604  
 Predicted MQL: 0.002015

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .07614 | .002    | 1        |
| S1        | .10000       | .09953      | -.000      | -.470   | .49094 | .003    | 1        |
| S3        | 5.0000       | 5.2297      | .230       | 4.59    | 21.870 | .051    | 1        |
| S4        | 10.000       | 9.7917      | -.208      | -2.08   | 40.881 | .220    | 1        |
| S5        | 20.000       | 19.880      | -.120      | -.601   | 82.920 | 1.00    | 1        |
| S2        | 1.6000       | 1.6993      | .099       | 6.21    | 7.1577 | .013    | 1        |



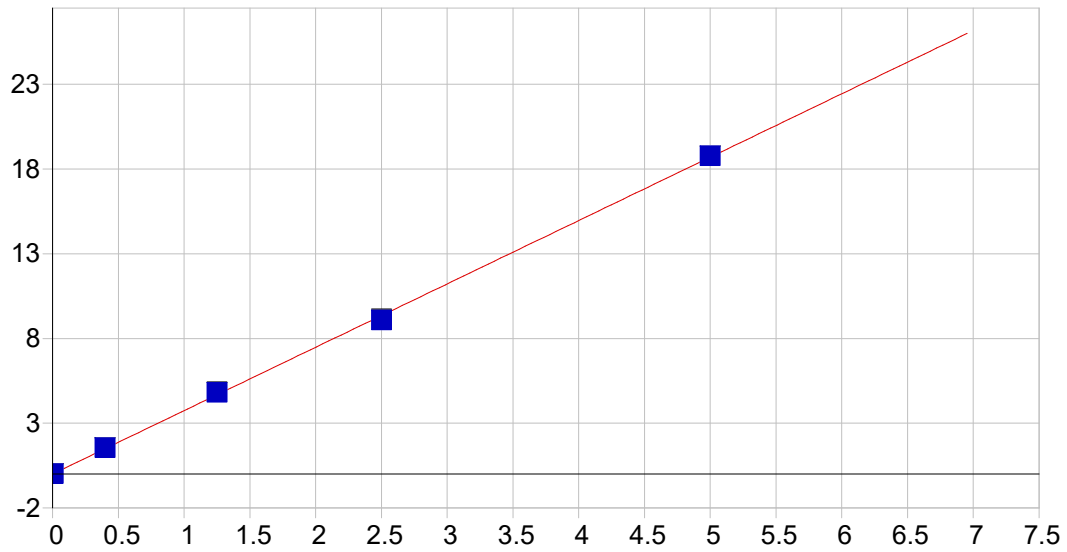
### Be 234.861 {144}

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001770 Re-Slope: 1.000000  
 A1 (Gain): 5.599399 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999252 Status: OK.  
 Std Error of Est: 0.000619  
 Predicted MDL: 0.000068  
 Predicted MQL: 0.000226

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00176 | .000    | 1        |
| S1        | .00600       | .00656      | .001       | 9.36    | .03812 | .000    | 1        |
| S3        | .12500       | .13405      | .009       | 7.24    | .74710 | .004    | 1        |
| S4        | .25000       | .24697      | -.003      | -1.21   | 1.3741 | .005    | 1        |
| S5        | .50000       | .48947      | -.011      | -2.11   | 2.7215 | .021    | 1        |
| S2        | .04000       | .04396      | .004       | 9.89    | .24622 | .003    | 1        |



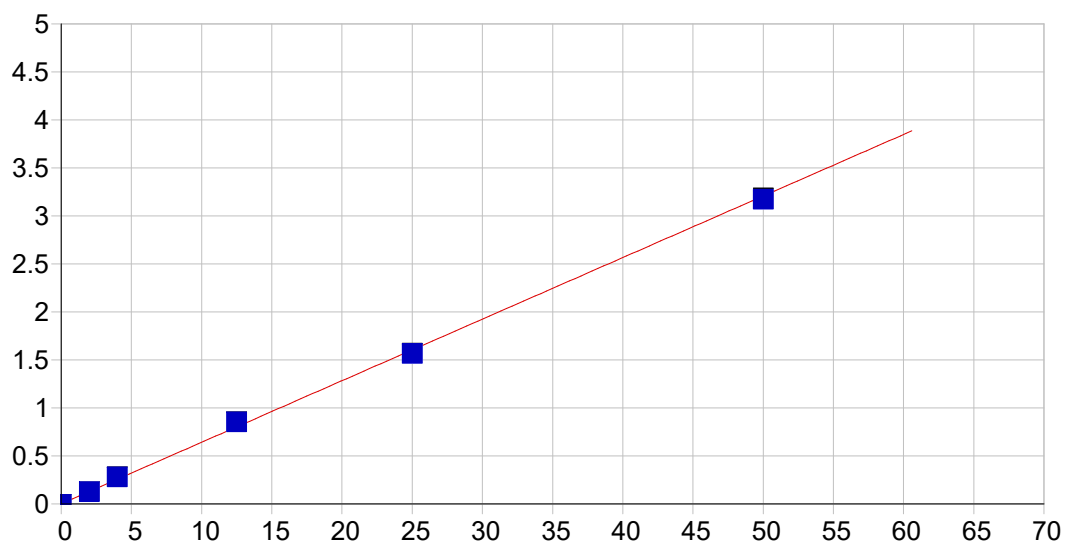


**Cd 226.502 {449}**

Date of Fit: 5/4/2023 13:40:56      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000009 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 3.740088 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999794 | Status:   | OK.      |
| Std Error of Est: | 0.000689 |           |          |
| Predicted MDL:    | 0.000083 |           |          |
| Predicted MQL:    | 0.000275 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00001 | .000    | 1        |
| S1        | .00600       | .00637      | .000       | 6.21    | .02394 | .000    | 1        |
| S3        | 1.2500       | 1.2889      | .039       | 3.11    | 4.8245 | .008    | 1        |
| S4        | 2.5000       | 2.4288      | -.071      | -2.85   | 9.0919 | .051    | 1        |
| S5        | 5.0000       | 5.0186      | .019       | .372    | 18.786 | .013    | 1        |
| S2        | .40000       | .41336      | .013       | 3.34    | 1.5473 | .004    | 1        |

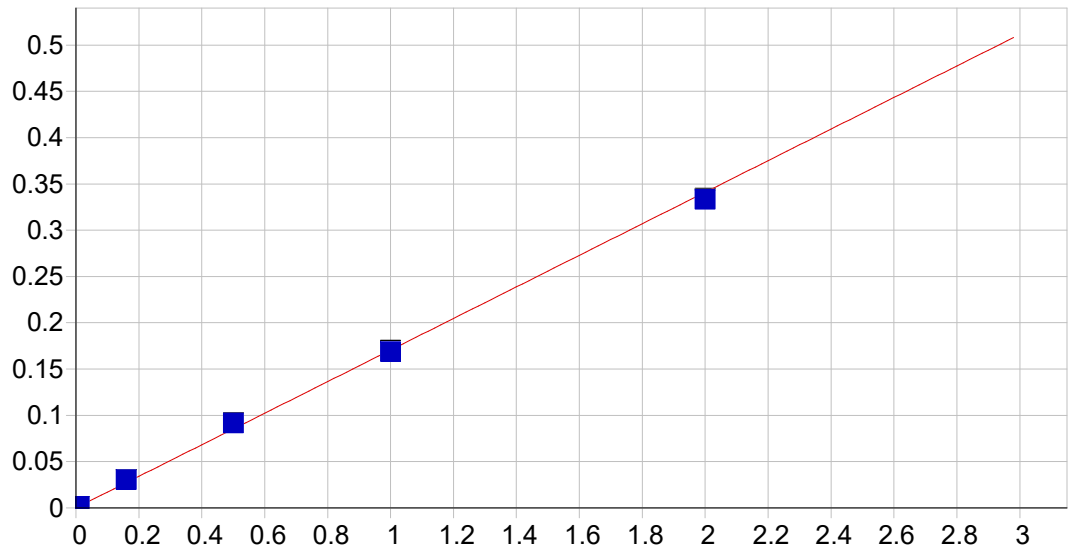


Ca 373.690 { 90}

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001052 Re-Slope: 1.000000  
 A1 (Gain): 0.064123 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999454 Status: OK.  
 Std Error of Est: 0.001120  
 Predicted MDL: 0.012631  
 Predicted MQL: 0.042104

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00020     | -.000      | .000    | .00104 | .001    | 1        |
| S2        | 4.0000       | 4.3512      | .351       | 8.78    | .27968 | .002    | 1        |
| S3        | 12.500       | 13.299      | .799       | 6.39    | .85262 | .001    | 1        |
| S4        | 25.000       | 24.418      | -.582      | -2.33   | 1.5644 | .004    | 1        |
| S5        | 50.000       | 49.471      | -.529      | -1.06   | 3.1684 | .015    | 1        |
| S1        | 2.0000       | 1.9601      | -.040      | -1.99   | .12669 | .001    | 1        |

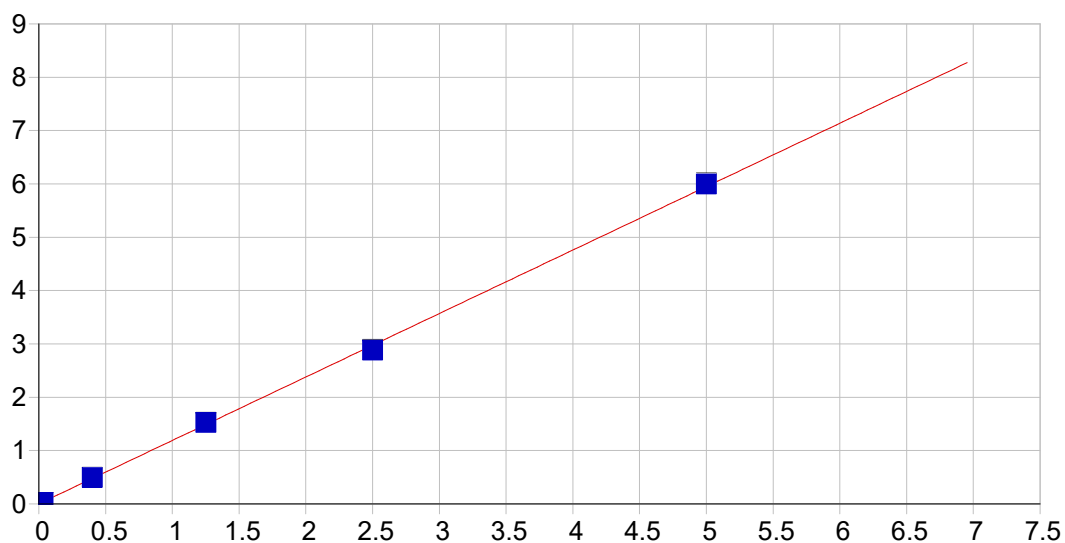


**Cr 267.716 {126}**

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000017 Re-Slope: 1.000000  
 A1 (Gain): 0.170523 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999180 Status: OK.  
 Std Error of Est: 0.000051  
 Predicted MDL: 0.000381  
 Predicted MQL: 0.001271

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00002 | .000    | 1        |
| S1        | .01000       | .00990      | -.000      | -1.05   | .00171 | .000    | 1        |
| S3        | .50000       | .53671      | .037       | 7.34    | .09162 | .000    | 1        |
| S4        | 1.0000       | .98959      | -.010      | -1.04   | .16894 | .001    | 1        |
| S5        | 2.0000       | 1.9550      | -.045      | -2.25   | .33373 | .001    | 1        |
| S2        | .16000       | .17883      | .019       | 11.8    | .03054 | .000    | 1        |

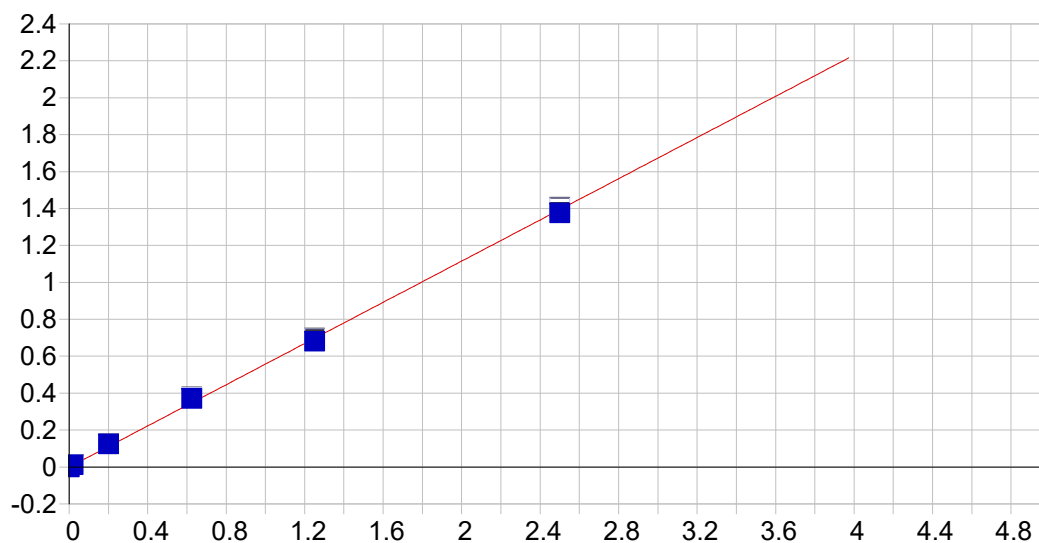


Co 228.616 {448}

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000481 Re-Slope: 1.000000  
 A1 (Gain): 1.189685 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999765 Status: OK.  
 Std Error of Est: 0.000525  
 Predicted MDL: 0.000208  
 Predicted MQL: 0.000693

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00048 | .000    | 1        |
| S1        | .03000       | .02866      | -.001      | -4.46   | .03448 | .000    | 1        |
| S3        | 1.2500       | 1.2798      | .030       | 2.38    | 1.5263 | .002    | 1        |
| S4        | 2.5000       | 2.4179      | -.082      | -3.28   | 2.8836 | .017    | 1        |
| S5        | 5.0000       | 5.0384      | .038       | .769    | 6.0077 | .010    | 1        |
| S2        | .40000       | .41514      | .015       | 3.79    | .49541 | .001    | 1        |

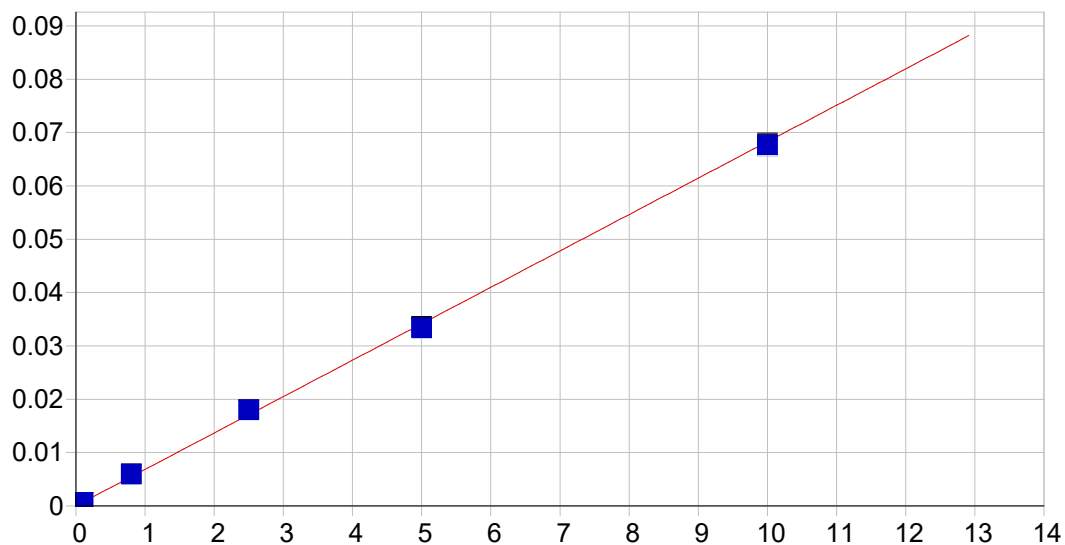


**Cu 224.700 {450}**

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000743 Re-Slope: 1.000000  
 A1 (Gain): 0.557903 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999315 Status: OK.  
 Std Error of Est: 0.000247  
 Predicted MDL: 0.000715  
 Predicted MQL: 0.002385

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00075 | .000    | 1        |
| S1        | .02000       | .02321      | .003       | 16.0    | .01243  | .000    | 1        |
| S3        | .62500       | .66348      | .038       | 6.16    | .37670  | .002    | 1        |
| S4        | 1.2500       | 1.2201      | -.030      | -2.39   | .69454  | .004    | 1        |
| S5        | 2.5000       | 2.4658      | -.034      | -1.37   | 1.4041  | .002    | 1        |
| S2        | .20000       | .22235      | .022       | 11.2    | .12564  | .001    | 1        |

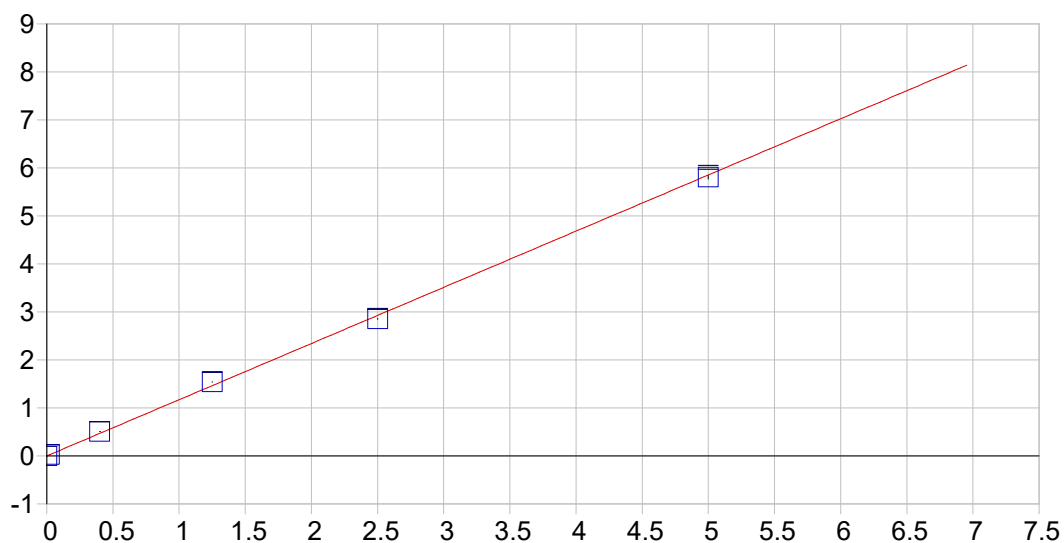


**Fe 240.488 {140}**

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000017 Re-Slope: 1.000000  
 A1 (Gain): 0.006826 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999563 Status: OK.  
 Std Error of Est: 0.000011  
 Predicted MDL: 0.004431  
 Predicted MQL: 0.014771

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00002 | .000    | 1        |
| S1        | .10000       | .09939      | -.001      | -.607   | .00069 | .000    | 1        |
| S3        | 2.5000       | 2.6320      | .132       | 5.28    | .01792 | .000    | 1        |
| S4        | 5.0000       | 4.8890      | -.111      | -2.22   | .03326 | .000    | 1        |
| S5        | 10.000       | 9.9118      | -.088      | -.882   | .06741 | .000    | 1        |
| S2        | .80000       | .86781      | .068       | 8.48    | .00592 | .000    | 1        |

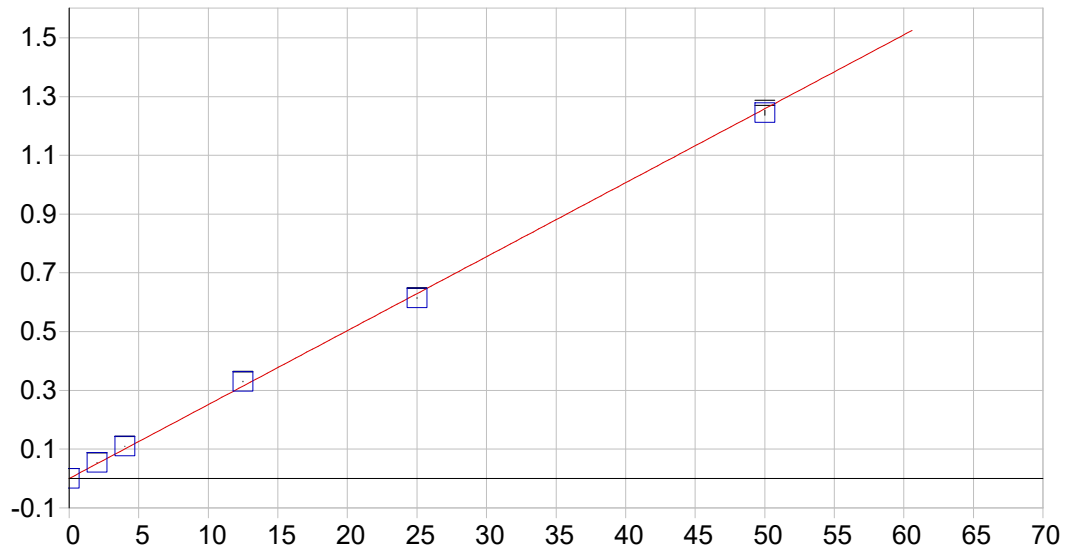


**Mn 257.610 {131}**

Date of Fit: 5/4/2023 13:40:56      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000008 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.170667 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999545 | Status:   | OK.      |
| Std Error of Est: | 0.000586 |           |          |
| Predicted MDL:    | 0.000309 |           |          |
| Predicted MQL:    | 0.001029 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00000 | .000    | 1        |
| S1        | .02000       | .02093      | .001       | 4.67    | .02451 | .001    | 1        |
| S3        | 1.2500       | 1.3170      | .067       | 5.36    | 1.5418 | .005    | 1        |
| S4        | 2.5000       | 2.4391      | -.061      | -2.44   | 2.8554 | .010    | 1        |
| S5        | 5.0000       | 4.9589      | -.041      | -.821   | 5.8053 | .040    | 1        |
| S2        | .40000       | .43399      | .034       | 8.50    | .50807 | .002    | 1        |



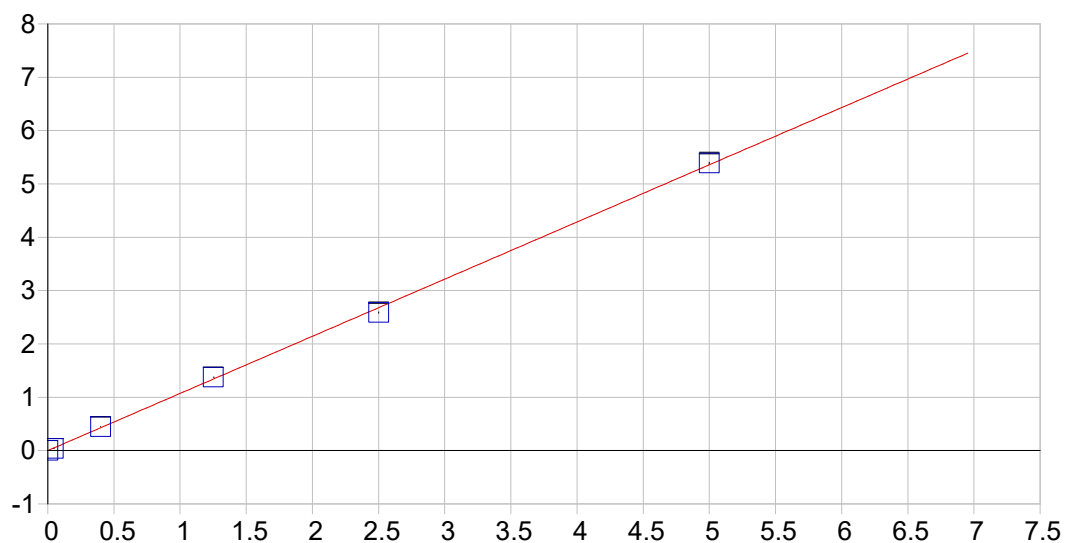
### Mg 279.079 {121}

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000120 Re-Slope: 1.000000  
 A1 (Gain): 0.025166 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999502 Status: OK.  
 Std Error of Est: 0.000420  
 Predicted MDL: 0.016681  
 Predicted MQL: 0.055602

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00036     | -.000      | .000    | .00011 | .000    | 1        |
| S2        | 4.0000       | 4.3530      | .353       | 8.83    | .10967 | .001    | 1        |
| S3        | 12.500       | 13.125      | .625       | 5.00    | .33041 | .001    | 1        |
| S4        | 25.000       | 24.417      | -.583      | -2.33   | .61459 | .001    | 1        |
| S5        | 50.000       | 49.456      | -.544      | -1.09   | 1.2447 | .009    | 1        |
| S1        | 2.0000       | 2.1496      | .150       | 7.48    | .05422 | .001    | 1        |



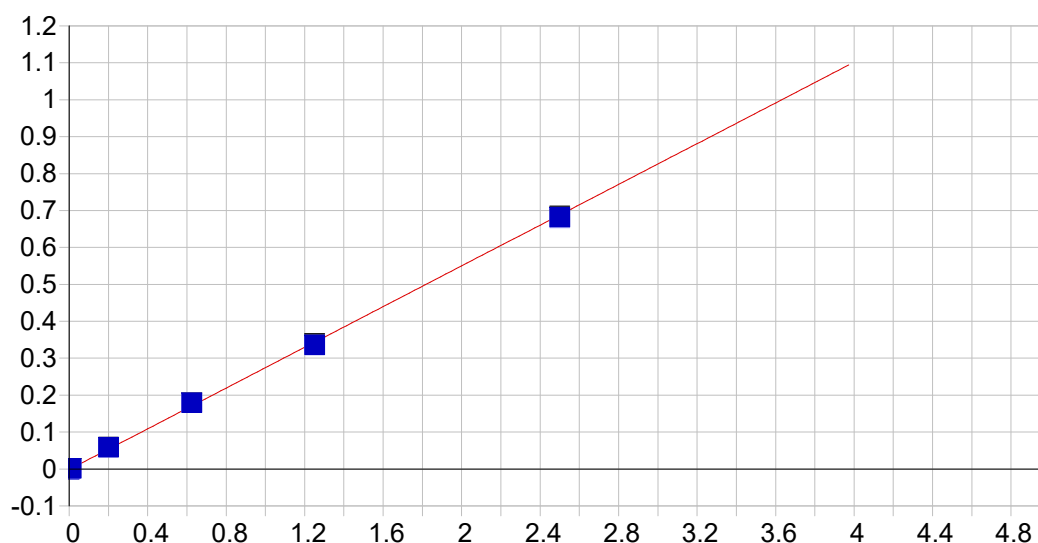


### Ni 231.604 {446}

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000367 Re-Slope: 1.000000  
 A1 (Gain): 1.071730 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999735 Status: OK.  
 Std Error of Est: 0.000579  
 Predicted MDL: 0.000292  
 Predicted MQL: 0.000974

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00037 | .000    | 1        |
| S1        | .04000       | .03794      | -.002      | -5.15   | .04029  | .000    | 1        |
| S3        | 1.2500       | 1.2843      | .034       | 2.75    | 1.3761  | .001    | 1        |
| S4        | 2.5000       | 2.4174      | -.083      | -3.30   | 2.5905  | .012    | 1        |
| S5        | 5.0000       | 5.0314      | .031       | .628    | 5.3919  | .015    | 1        |
| S2        | .40000       | .41893      | .019       | 4.73    | .44861  | .000    | 1        |

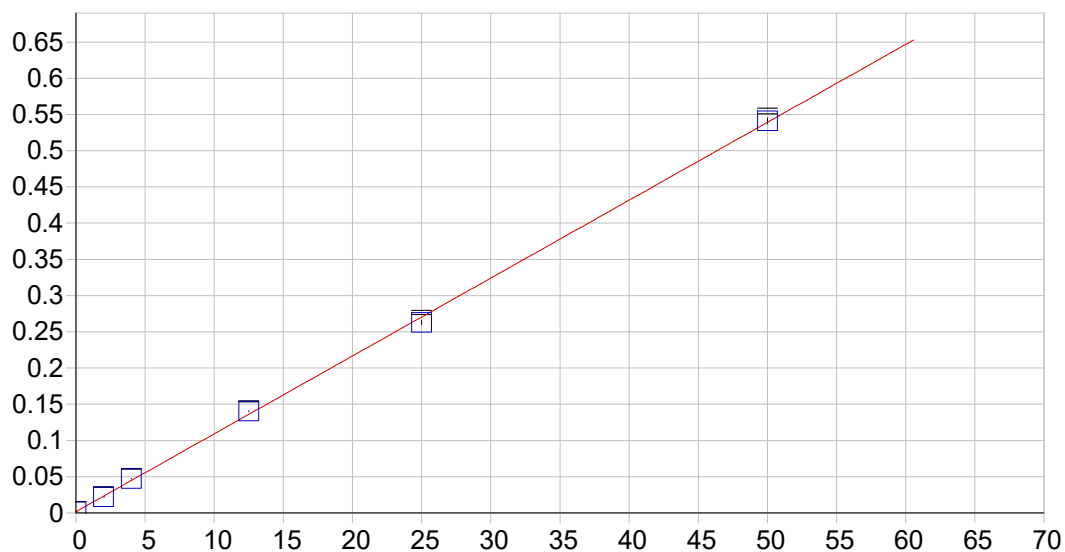


Ag 328.068 {103}

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001501 Re-Slope: 1.000000  
A1 (Gain): 0.275806 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999550 Status: OK.  
Std Error of Est: 0.000068  
Predicted MDL: 0.000427  
Predicted MQL: 0.001422

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00150 | .000    | 1        |
| S1        | .01000       | .00998      | -.000      | -.164   | .00124  | .000    | 1        |
| S3        | .62500       | .65557      | .031       | 4.89    | .17869  | .000    | 1        |
| S4        | 1.2500       | 1.2243      | -.026      | -2.06   | .33492  | .003    | 1        |
| S5        | 2.5000       | 2.4759      | -.024      | -.962   | .67889  | .004    | 1        |
| S2        | .20000       | .21920      | .019       | 9.60    | .05876  | .000    | 1        |

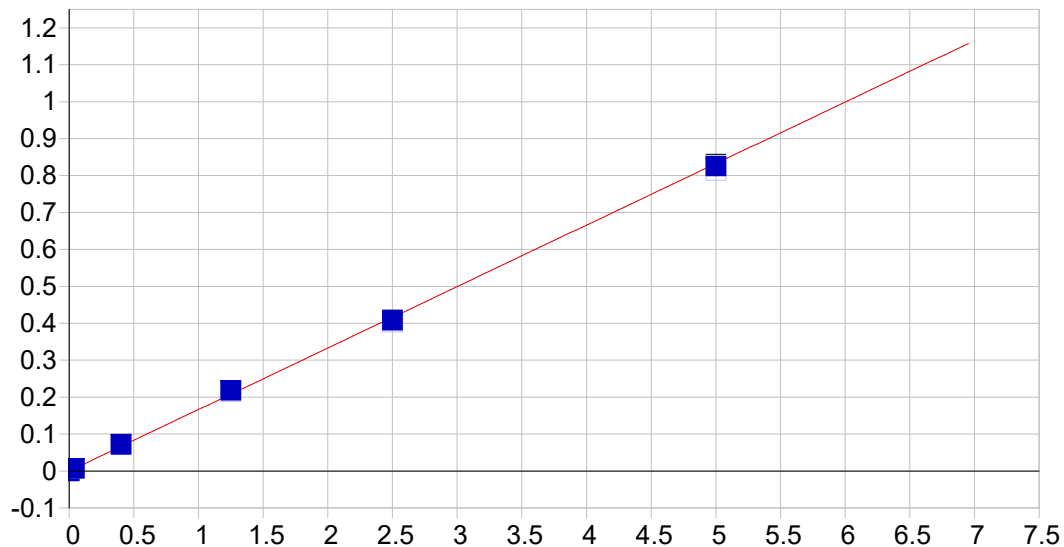


Na 589.592 { 57}

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001701 Re-Slope: 1.000000  
A1 (Gain): 0.010749 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999719 Status: OK.  
Std Error of Est: 0.000135  
Predicted MDL: 0.015934  
Predicted MQL: 0.053114

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | .00170 | .000    | 1        |
| S2        | 4.0000       | 4.2408      | .241       | 6.02    | .04729 | .000    | 1        |
| S3        | 12.500       | 12.894      | .394       | 3.16    | .14031 | .001    | 1        |
| S4        | 25.000       | 24.297      | -.703      | -2.81   | .26288 | .003    | 1        |
| S5        | 50.000       | 50.171      | .171       | .342    | .54101 | .004    | 1        |
| S1        | 2.0000       | 1.8967      | -.103      | -5.17   | .02209 | .000    | 1        |

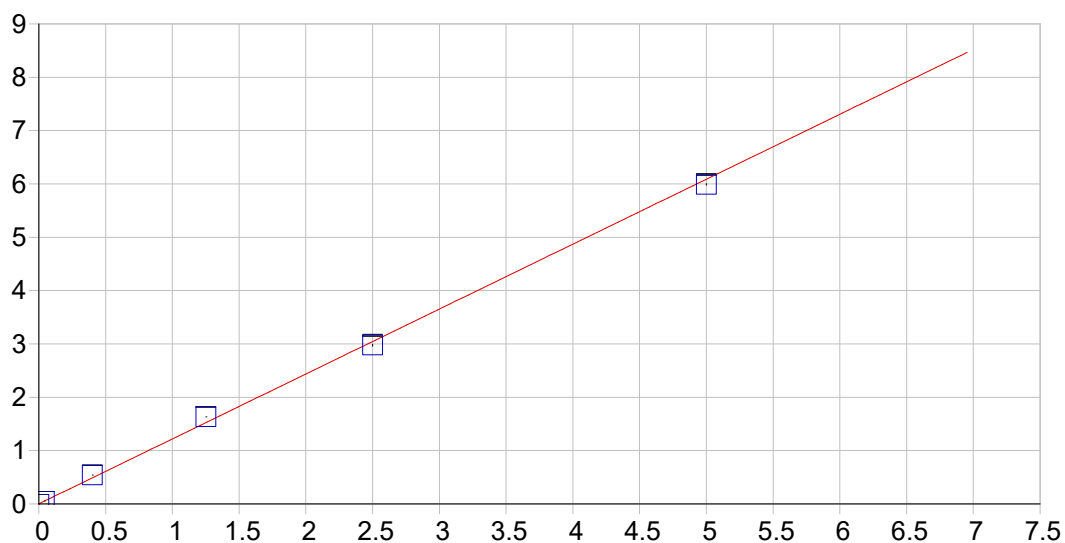


**V 292.402 {115}**

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000142 Re-Slope: 1.000000  
 A1 (Gain): 0.166499 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999631 Status: OK.  
 Std Error of Est: 0.000105  
 Predicted MDL: 0.002590  
 Predicted MQL: 0.008632

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00014 | .000    | 1        |
| S1        | .04000       | .03933      | -.001      | -1.67   | .00617  | .000    | 1        |
| S3        | 1.2500       | 1.3096      | .060       | 4.77    | .21492  | .000    | 1        |
| S4        | 2.5000       | 2.4519      | -.048      | -1.92   | .40214  | .000    | 1        |
| S5        | 5.0000       | 4.9577      | -.042      | -.845   | .81338  | .005    | 1        |
| S2        | .40000       | .43140      | .031       | 7.85    | .07073  | .000    | 1        |

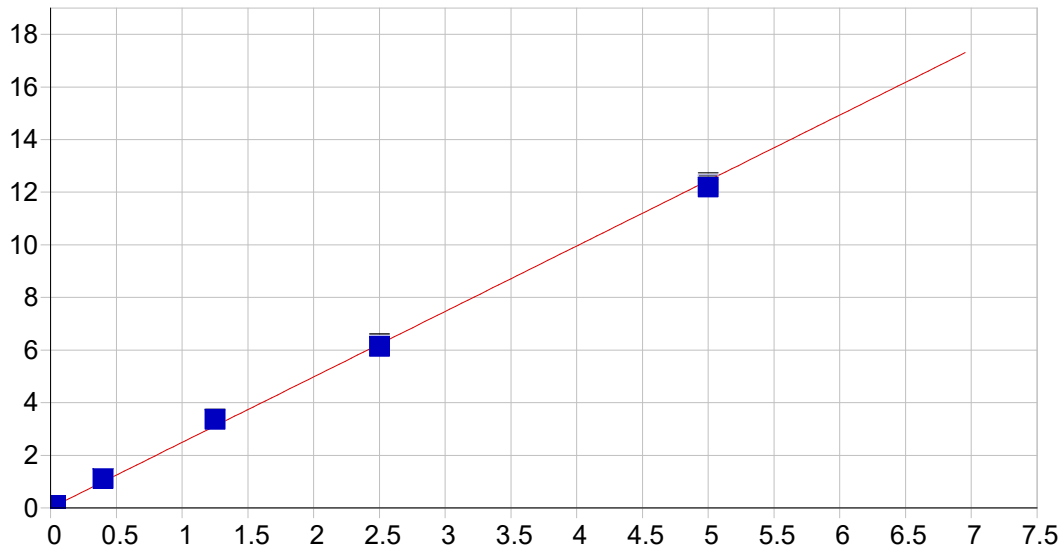


**Zn 206.200 {464}**

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000643 Re-Slope: 1.000000  
 A1 (Gain): 1.217423 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999248 Status: OK.  
 Std Error of Est: 0.001109  
 Predicted MDL: 0.000151  
 Predicted MQL: 0.000504

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00063 | .000    | 1        |
| S1        | .04000       | .04174      | .002       | 4.34    | .05145 | .000    | 1        |
| S3        | 1.2500       | 1.3401      | .090       | 7.20    | 1.6321 | .002    | 1        |
| S4        | 2.5000       | 2.4446      | -.055      | -2.21   | 2.9768 | .019    | 1        |
| S5        | 5.0000       | 4.9199      | -.080      | -1.60   | 5.9903 | .013    | 1        |
| S2        | .40000       | .44365      | .044       | 10.9    | .54076 | .002    | 1        |

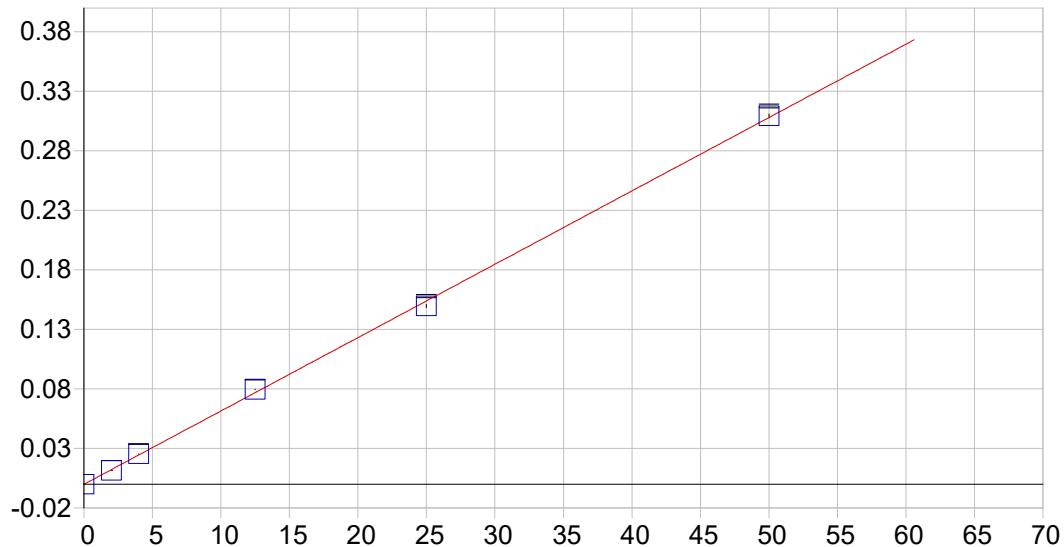


**Zn 213.856 {158}**

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002305 Re-Slope: 1.000000  
 A1 (Gain): 2.488537 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999195 Status: OK.  
 Std Error of Est: 0.002363  
 Predicted MDL: 0.000274  
 Predicted MQL: 0.000912

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00229 | .001    | 1        |
| S1        | .04000       | .04051      | .001       | 1.28    | .10387 | .000    | 1        |
| S3        | 1.2500       | 1.3470      | .097       | 7.76    | 3.3778 | .007    | 1        |
| S4        | 2.5000       | 2.4612      | -.039      | -1.55   | 6.1740 | .067    | 1        |
| S5        | 5.0000       | 4.8974      | -.103      | -2.05   | 12.283 | .081    | 1        |
| S2        | .40000       | .44382      | .044       | 11.0    | 1.1143 | .004    | 1        |

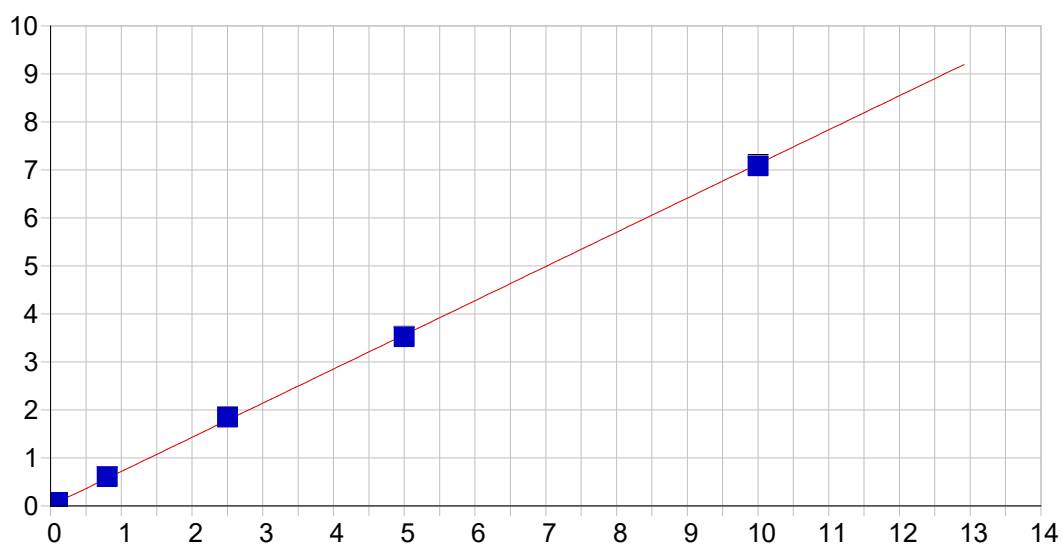


K 766.490 { 44}

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000176 Re-Slope: 1.000000  
 A1 (Gain): 0.006163 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999768 Status: OK.  
 Std Error of Est: 0.000070  
 Predicted MDL: 0.036319  
 Predicted MQL: 0.121062

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00018 | .000    | 1        |
| S2        | 4.0000       | 4.1371      | .137       | 3.43    | .02532  | .000    | 1        |
| S3        | 12.500       | 12.914      | .414       | 3.32    | .07942  | .000    | 1        |
| S4        | 25.000       | 24.316      | -.684      | -2.73   | .14970  | .001    | 1        |
| S5        | 50.000       | 50.233      | .233       | .466    | .30943  | .002    | 1        |
| S1        | 2.0000       | 1.8990      | -.101      | -5.05   | .01153  | .000    | 1        |



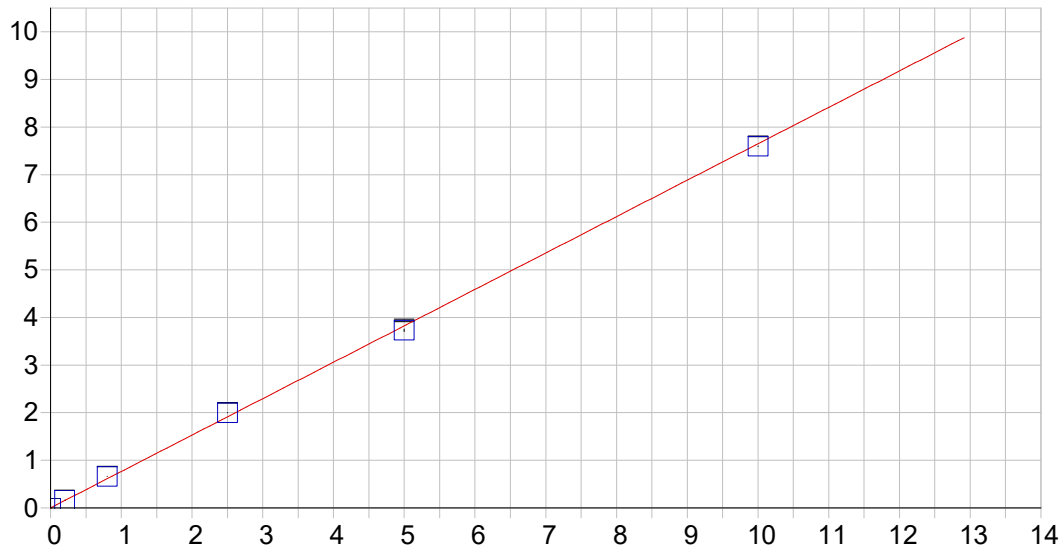
**B 249.678 {135}**

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005198 Re-Slope: 1.000000  
 A1 (Gain): 0.711761 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999838 Status: OK.  
 Std Error of Est: 0.000673  
 Predicted MDL: 0.000817  
 Predicted MQL: 0.002723

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00519 | .000    | 1        |
| S1        | .10000       | .10068      | .001       | .682    | .07671 | .001    | 1        |
| S3        | 2.5000       | 2.5829      | .083       | 3.31    | 1.8462 | .004    | 1        |
| S4        | 5.0000       | 4.9375      | -.062      | -1.25   | 3.5248 | .012    | 1        |
| S5        | 10.000       | 9.9384      | -.062      | -.616   | 7.0894 | .026    | 1        |
| S2        | .80000       | .84059      | .041       | 5.07    | .60433 | .001    | 1        |





Mo 202.030 {467}

Date of Fit: 5/4/2023 13:40:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000531

Re-Slope: 1.000000

A1 (Gain): 0.764883

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999609

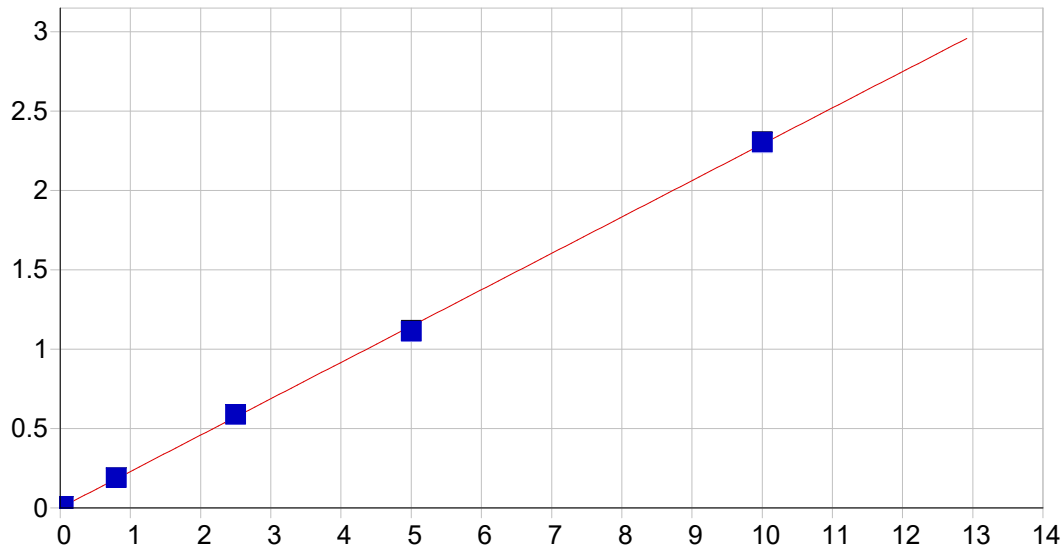
Status: OK.

Std Error of Est: 0.001593

Predicted MDL: 0.000245

Predicted MQL: 0.000816

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | .00051 | .000    | 1        |
| S1        | .20000       | .21296      | .013       | 6.48    | .16342 | .001    | 1        |
| S3        | 2.5000       | 2.6139      | .114       | 4.55    | 1.9998 | .003    | 1        |
| S4        | 5.0000       | 4.8785      | -.121      | -2.43   | 3.7320 | .026    | 1        |
| S5        | 10.000       | 9.9313      | -.069      | -.687   | 7.5968 | .006    | 1        |
| S2        | .80000       | .86338      | .063       | 7.92    | .66091 | .003    | 1        |



**Sn 189.989 {478}**

Date of Fit: 5/4/2023 13:40:56

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000387

Re-Slope: 1.000000

A1 (Gain): 0.229106

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999800

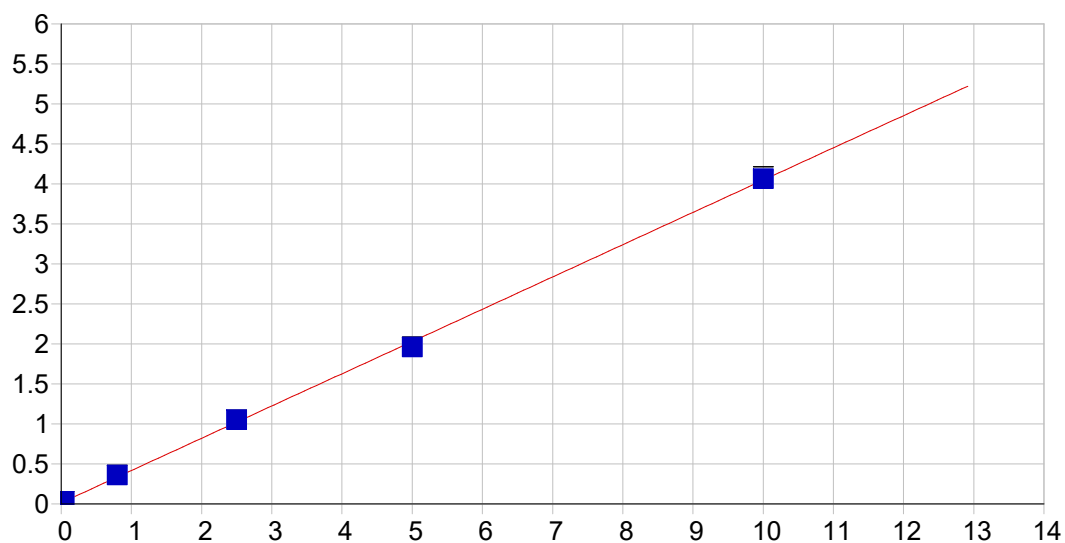
Status: OK.

Std Error of Est: 0.000152

Predicted MDL: 0.000607

Predicted MQL: 0.002025

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00039 | .000    | 1        |
| S1        | .04000       | .03721      | -.003      | -6.97   | .00888 | .000    | 1        |
| S3        | 2.5000       | 2.5644      | .064       | 2.58    | .58636 | .001    | 1        |
| S4        | 5.0000       | 4.8549      | -.145      | -2.90   | 1.1096 | .006    | 1        |
| S5        | 10.000       | 10.057      | .057       | .565    | 2.2982 | .002    | 1        |
| S2        | .80000       | .82701      | .027       | 3.38    | .18937 | .000    | 1        |

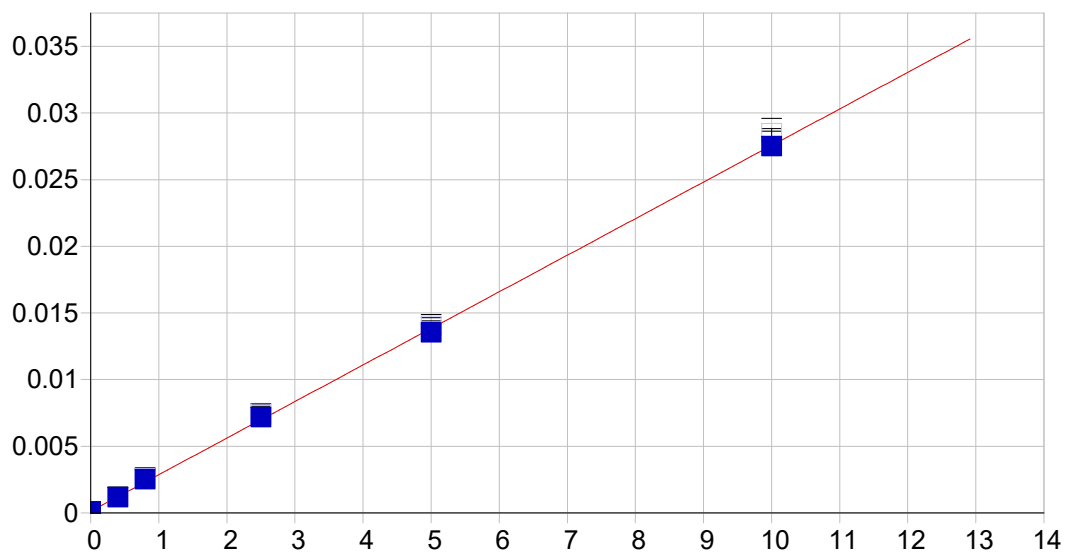


Ti 336.121 {100}

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.013782 Re-Slope: 1.000000  
A1 (Gain): 0.403319 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999663 Status: OK.  
Std Error of Est: 0.000347  
Predicted MDL: 0.001356  
Predicted MQL: 0.004522

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .01378 | .000    | 1        |
| S1        | .04000       | .04171      | .002       | 4.29    | .03060 | .000    | 1        |
| S3        | 2.5000       | 2.5767      | .077       | 3.07    | 1.0534 | .001    | 1        |
| S4        | 5.0000       | 4.8249      | -.175      | -3.50   | 1.9605 | .003    | 1        |
| S5        | 10.000       | 10.043      | .043       | .427    | 4.0657 | .025    | 1        |
| S2        | .80000       | .85396      | .054       | 6.75    | .35833 | .002    | 1        |

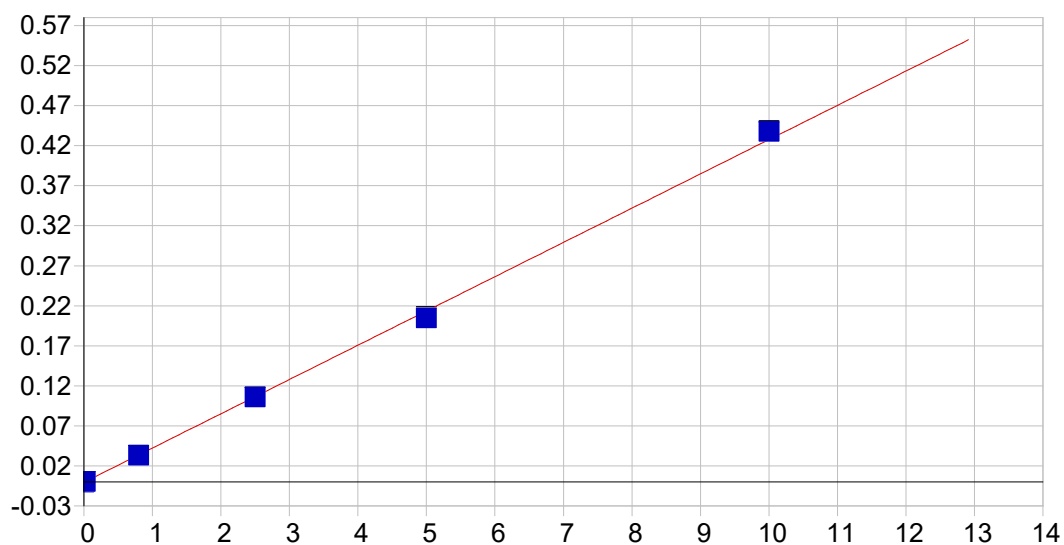


Si 288.158 {117}

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000123 Re-Slope: 1.000000  
 A1 (Gain): 0.002744 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999692 Status: OK.  
 Std Error of Est: 0.000007  
 Predicted MDL: 0.015177  
 Predicted MQL: 0.050590

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .00012 | .000    | 1        |
| S1        | .40000       | .38102      | -.019      | -4.74   | .00117 | .000    | 1        |
| S3        | 2.5000       | 2.5696      | .070       | 2.78    | .00741 | .000    | 1        |
| S4        | 5.0000       | 4.8890      | -.111      | -2.22   | .01401 | .000    | 1        |
| S5        | 10.000       | 9.9849      | -.015      | -.151   | .02847 | .000    | 1        |
| S2        | .80000       | .87485      | .075       | 9.36    | .00260 | .000    | 1        |

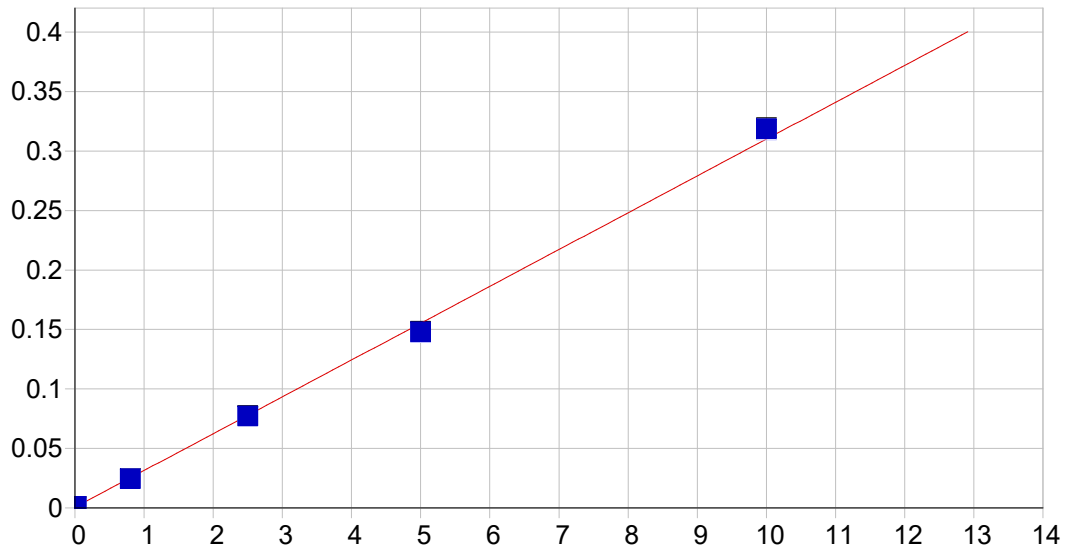


P 177.495 {490}

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000533 Re-Slope: 1.000000  
 A1 (Gain): 0.042809 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999615 Status: OK.  
 Std Error of Est: 0.000028  
 Predicted MDL: 0.002530  
 Predicted MQL: 0.008435

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00053 | .000    | 1        |
| S1        | .02000       | .01841      | -.002      | -7.97   | .00026  | .000    | 1        |
| S3        | 2.5000       | 2.4836      | -.016      | -.655   | .10586  | .000    | 1        |
| S4        | 5.0000       | 4.7975      | -.202      | -4.05   | .20498  | .001    | 1        |
| S5        | 10.000       | 10.234      | .234       | 2.34    | .43786  | .001    | 1        |
| S2        | .80000       | .78639      | -.014      | -1.70   | .03315  | .000    | 1        |

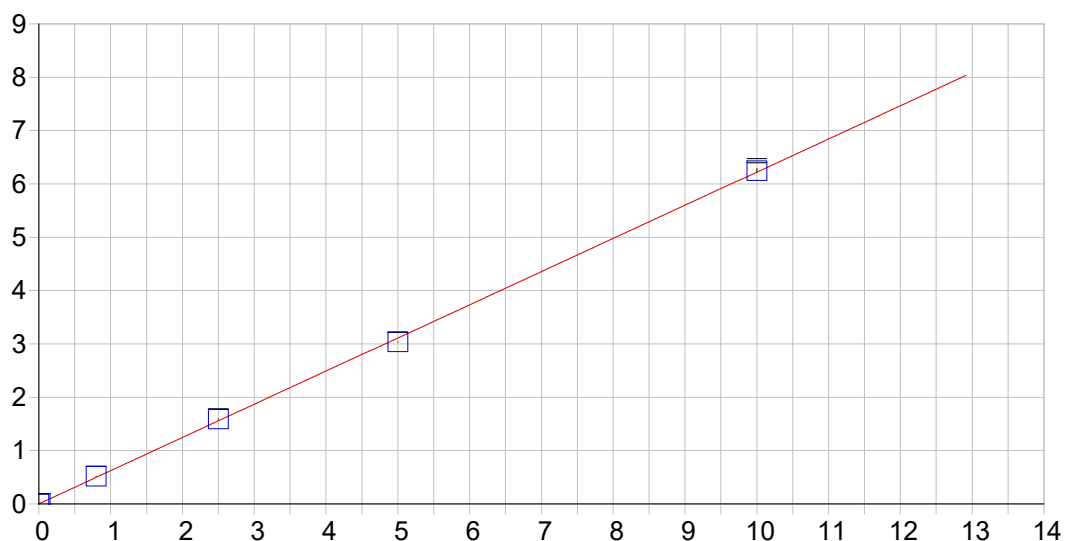


**S 182.034 {485}**

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000507 Re-Slope: 1.000000  
 A1 (Gain): 0.030958 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999416 Status: OK.  
 Std Error of Est: 0.000025  
 Predicted MDL: 0.003502  
 Predicted MQL: 0.011673

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00051 | .000    | 1        |
| S1        | .02000       | .01599      | -.004      | -20.1   | .00096 | .000    | 1        |
| S3        | 2.5000       | 2.4798      | -.020      | -.809   | .07692 | .000    | 1        |
| S4        | 5.0000       | 4.7622      | -.238      | -4.76   | .14723 | .001    | 1        |
| S5        | 10.000       | 10.286      | .286       | 2.86    | .31754 | .001    | 1        |
| S2        | .80000       | .77564      | -.024      | -3.04   | .02441 | .000    | 1        |

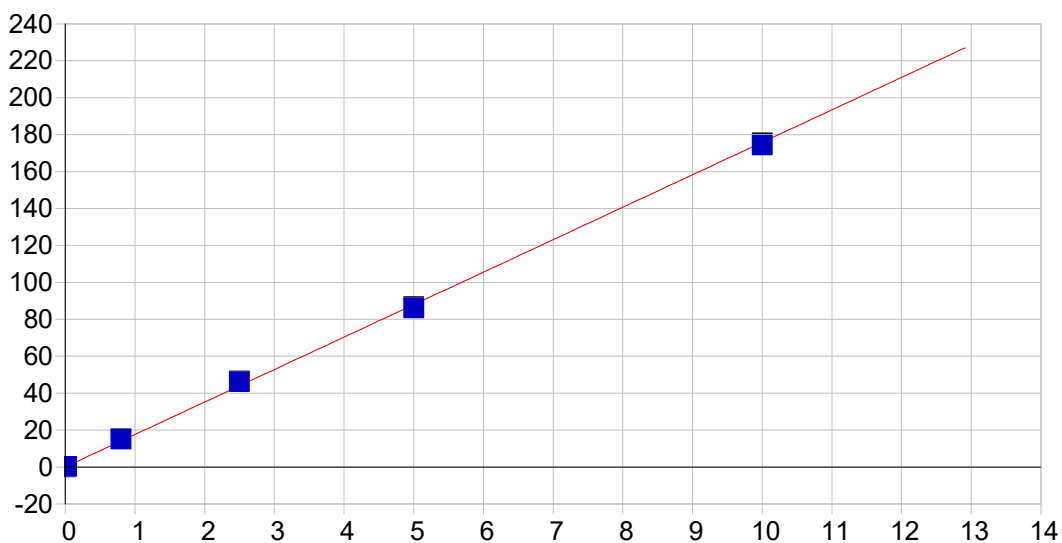


Li 670.784 { 50}

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002444 Re-Slope: 1.000000  
 A1 (Gain): 0.621902 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999848 Status: OK.  
 Std Error of Est: 0.000254  
 Predicted MDL: 0.003288  
 Predicted MQL: 0.010961

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00244 | .002    | 1        |
| S5        | 10.000       | 10.042      | .042       | .422    | 6.2477 | .038    | 1        |
| S4        | 5.0000       | 4.8742      | -.126      | -2.52   | 3.0337 | .004    | 1        |
| S3        | 2.5000       | 2.5547      | .055       | 2.19    | 1.5912 | .006    | 1        |
| S1        | .02000       | .02052      | .001       | 2.58    | .01520 | .002    | 1        |
| S2        | .80000       | .82833      | .028       | 3.54    | .51759 | .002    | 1        |



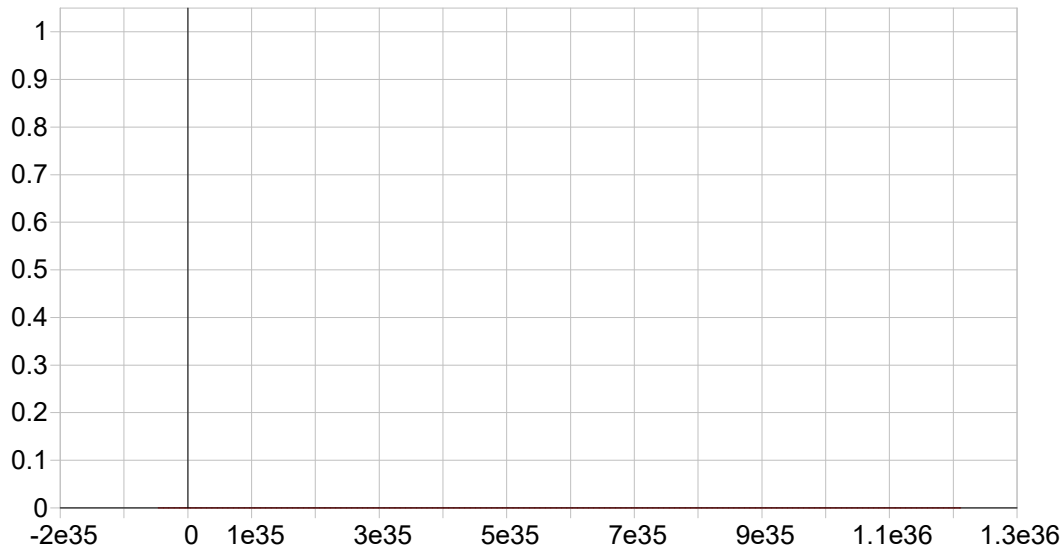
**Sr 407.771 { 83}**

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000047 Re-Slope: 1.000000  
 A1 (Gain): 17.585352 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999621 Status: OK.  
 Std Error of Est: 0.011352  
 Predicted MDL: 0.000066  
 Predicted MQL: 0.000221

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00008 | .001    | 1        |
| S1        | .02000       | .02022      | .000       | 1.11    | .35733  | .003    | 1        |
| S3        | 2.5000       | 2.6300      | .130       | 5.20    | 46.294  | .182    | 1        |
| S4        | 5.0000       | 4.8946      | -.105      | -2.11   | 86.162  | .567    | 1        |
| S5        | 10.000       | 9.9169      | -.083      | -.831   | 174.57  | 1.01    | 1        |
| S2        | .80000       | .85815      | .058       | 7.27    | 15.105  | .043    | 1        |



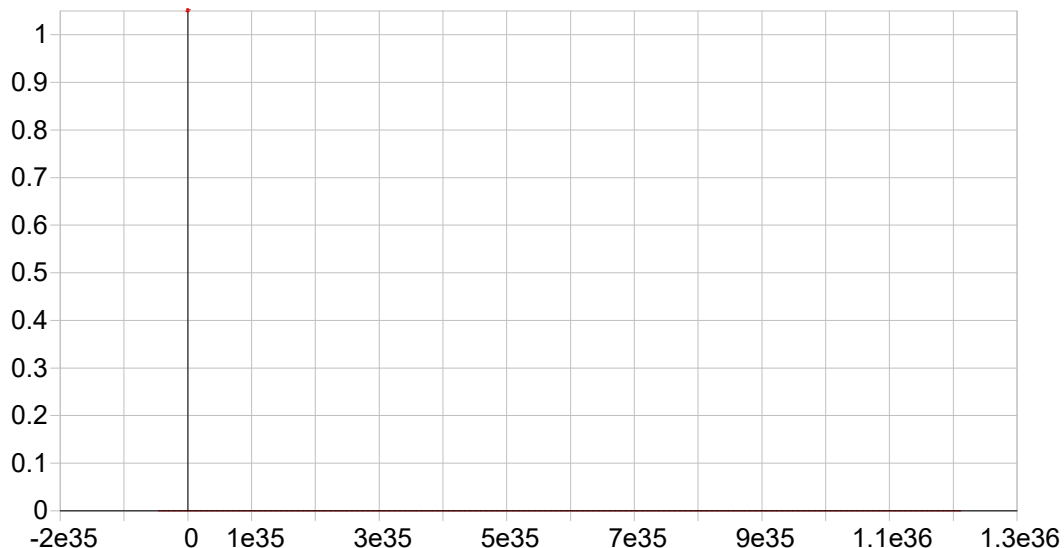


**Ce 404.076 { 83}**

Date of Fit: 5/4/2023 13:40:56 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: | 0.002788 |           |                   |
| Predicted MDL:    | 0.053515 |           |                   |
| Predicted MQL:    | 0.178384 |           |                   |

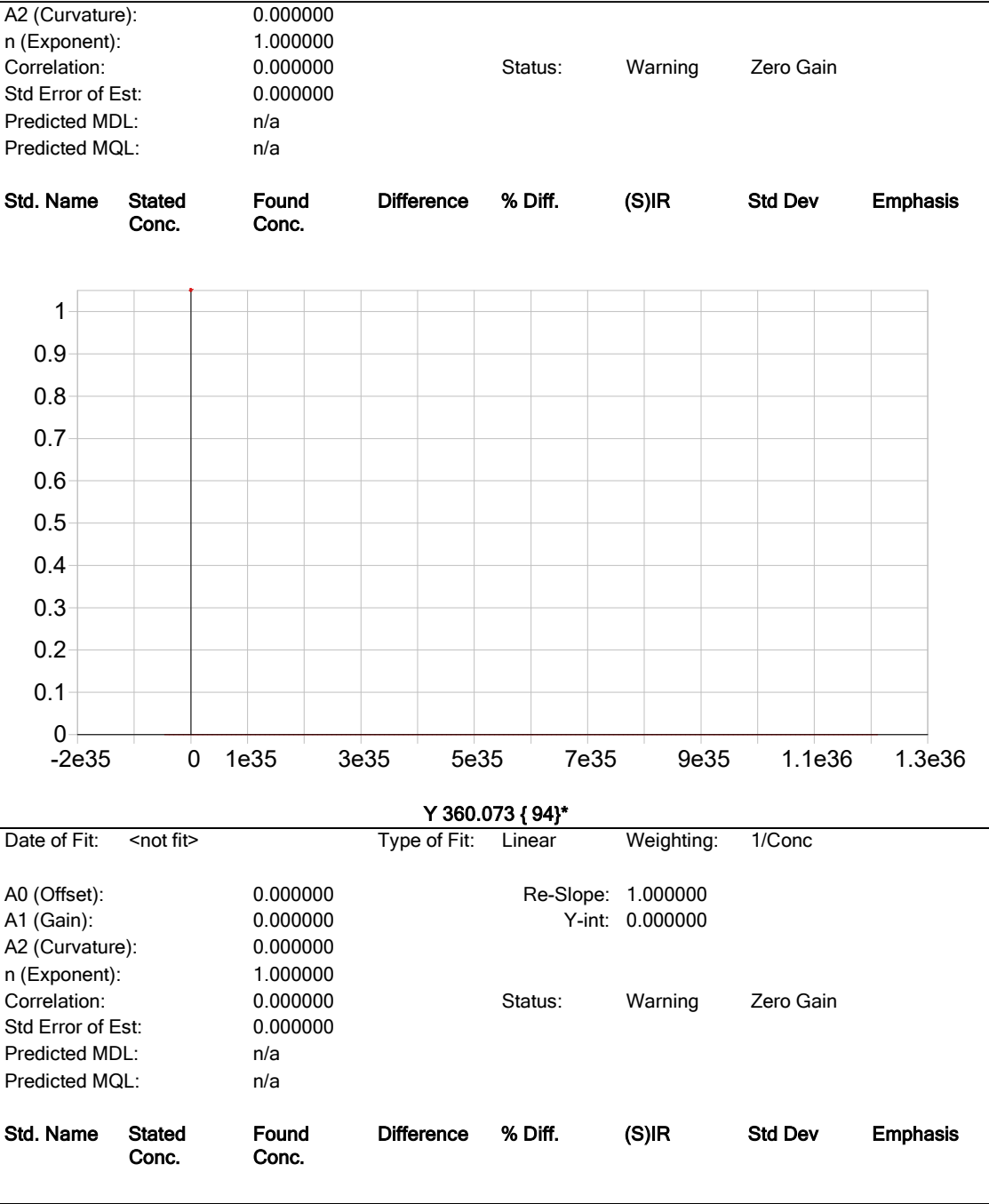
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|

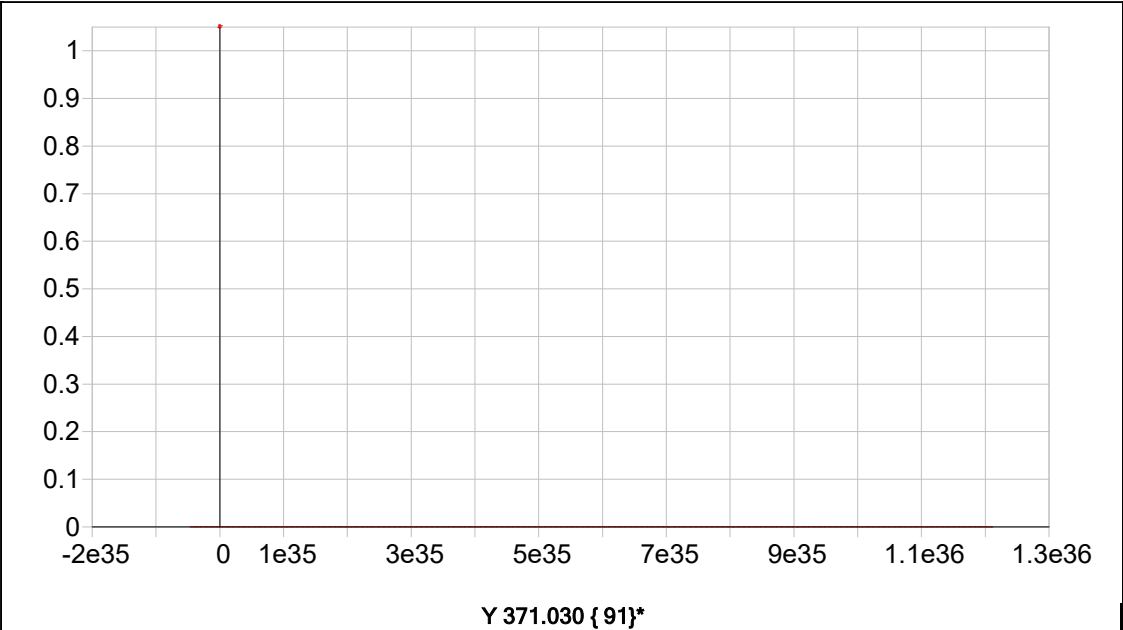


**Y 224.306 {450}\***

Date of Fit: 5/4/2023 13:40:56 Type of Fit: Linear Weighting: 1/Conc

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

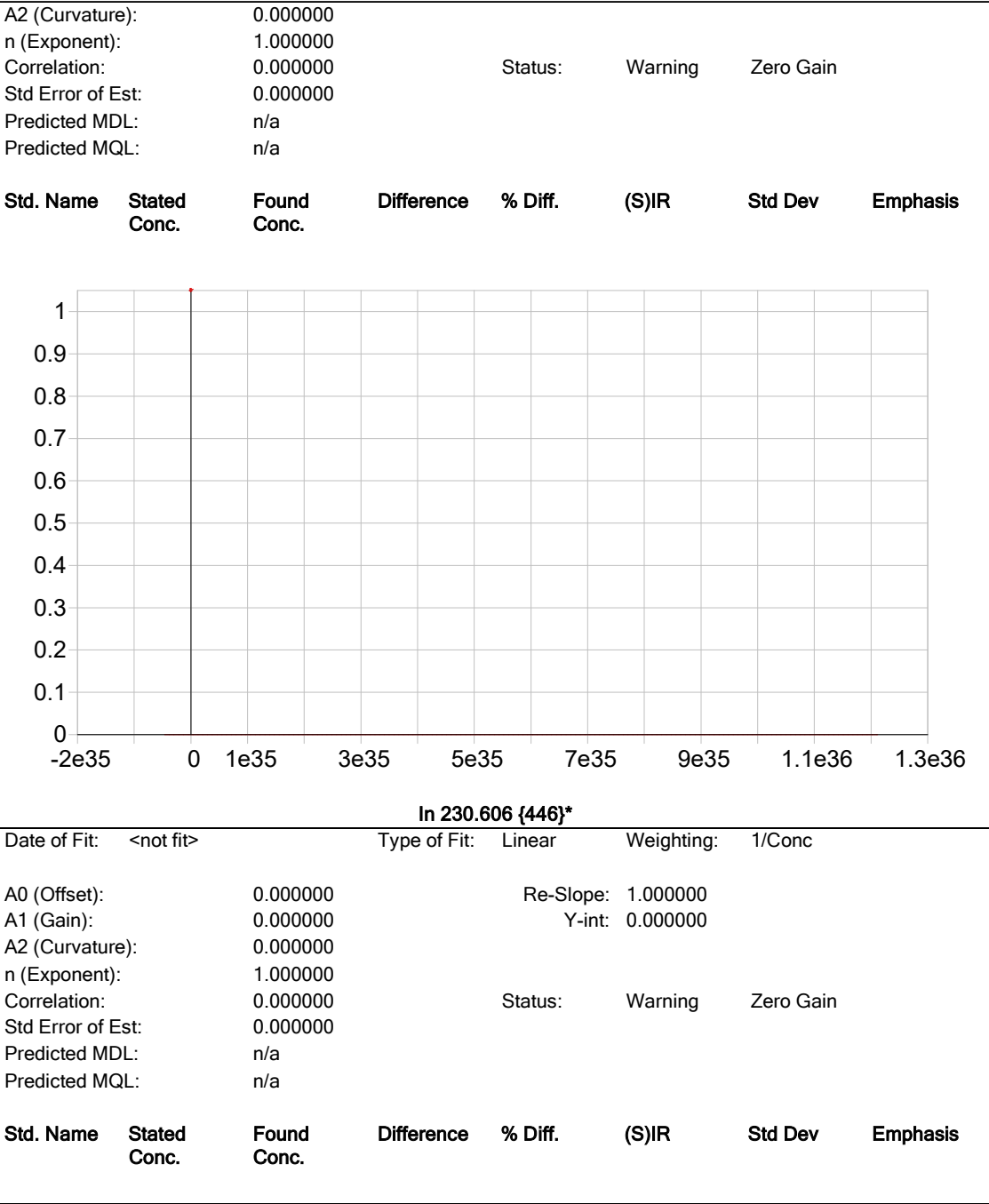




|                   |           |  |              |          |            |        |
|-------------------|-----------|--|--------------|----------|------------|--------|
| Date of Fit:      | <not fit> |  | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset):      | 0.000000  |  | Re-Slope:    | 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 |
|-------------------------|--------------|-------------|------------|---------|-------|---------|----------|
| <p>Y 224.306 {150}*</p> |              |             |            |         |       |         |          |

|              |           |  |              |          |            |        |
|--------------|-----------|--|--------------|----------|------------|--------|
| Date of Fit: | <not fit> |  | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset): | 0.000000  |  | Re-Slope:    | 1.000000 |            |        |
| A1 (Gain):   | 0.000000  |  | Y-int:       | 0.000000 |            |        |



Sample Name: S0      Acquired: 5/4/2023 13:18:27      Type: Cal  
Method: NON EPA-6010-200.7(v1826)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |         |        |         |        |        |        |        |        |        |        |
|--------|---------|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890  | Tl1908 | Pb2203  | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 | Ca3736 |
| Units  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | -.00016 | .00006 | -.00048 | .00011 | .00067 | .00026 | .07614 | .00176 | .00001 | .00104 |
| Stddev | .00010  | .00008 | .00019  | .00023 | .00015 | .00069 | .00231 | .00029 | .00023 | .00054 |
| %RSD   | 59.934  | 127.92 | 38.622  | 212.71 | 21.695 | 266.29 | 3.0364 | 16.202 | 3522.3 | 52.082 |

|    |         |         |         |         |        |         |        |        |         |        |
|----|---------|---------|---------|---------|--------|---------|--------|--------|---------|--------|
| #1 | -.00016 | .00015  | -.00048 | .00032  | .00066 | .00048  | .07347 | .00193 | -.00006 | .00160 |
| #2 | -.00007 | -.00002 | -.00030 | -.00014 | .00053 | .00082  | .07739 | .00143 | .00026  | .00100 |
| #3 | -.00026 | .00007  | -.00067 | .00014  | .00082 | -.00051 | .07755 | .00193 | -.00018 | .00052 |

|        |        |        |         |        |        |        |         |         |        |         |
|--------|--------|--------|---------|--------|--------|--------|---------|---------|--------|---------|
| Elem   | Cr2677 | Co2286 | Cu2247  | Fe2404 | Mn2576 | Mg2790 | Ni2316  | Ag3280  | Na5895 | V_2924  |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S   | Cts/S  | Cts/S   |
| Avg    | .00002 | .00048 | -.00075 | .00002 | .00000 | .00011 | -.00037 | -.00150 | .00170 | -.00014 |
| Stddev | .00001 | .00008 | .00032  | .00001 | .00026 | .00033 | .00025  | .00008  | .00009 | .00011  |
| %RSD   | 90.949 | 16.930 | 43.534  | 75.315 | 6161.6 | 300.36 | 68.329  | 5.5610  | 5.5862 | 77.757  |

|    |        |        |         |        |         |         |         |         |        |         |
|----|--------|--------|---------|--------|---------|---------|---------|---------|--------|---------|
| #1 | .00000 | .00057 | -.00045 | .00002 | .00029  | .00049  | -.00019 | -.00144 | .00170 | -.00025 |
| #2 | .00003 | .00047 | -.00109 | .00000 | -.00006 | -.00008 | -.00026 | -.00147 | .00160 | -.00003 |
| #3 | .00002 | .00041 | -.00070 | .00003 | -.00022 | -.00008 | -.00065 | -.00160 | .00179 | -.00014 |

|        |        |         |        |        |        |        |        |         |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|---------|--------|--------|
| Elem   | Zn2138 | K_7664  | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774  | S_1820 | Li6707 |
| Units  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  |
| Avg    | .00229 | -.00018 | .00519 | .00051 | .00039 | .01378 | .00012 | -.00053 | .00051 | .00244 |
| Stddev | .00071 | .00022  | .00035 | .00008 | .00005 | .00015 | .00000 | .00010  | .00009 | .00156 |
| %RSD   | 31.094 | 127.31  | 6.7160 | 16.342 | 12.301 | 1.0600 | 3.5560 | 18.906  | 17.555 | 63.837 |

|    |        |         |        |        |        |        |        |         |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|---------|--------|--------|
| #1 | .00274 | -.00031 | .00557 | .00060 | .00044 | .01391 | .00013 | -.00042 | .00052 | .00424 |
| #2 | .00266 | .00008  | .00488 | .00049 | .00039 | .01381 | .00013 | -.00060 | .00059 | .00143 |
| #3 | .00147 | -.00030 | .00513 | .00043 | .00034 | .01362 | .00012 | -.00058 | .00041 | .00166 |

Sample Name: S0      Acquired: 5/4/2023 13:18:27      Type: Cal  
Method: NON EPA-6010-200.7(v1826)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

Elem      Sr4077  
Units      Cts/S  
Avg      **-.00008**  
Stddev      .00090  
%RSD      1073.8

#1      **-.00073**  
#2      **-.00047**  
#3      **.00095**

| Int. Std. | Y_2243        | Y_3600        | Y_3710        | Y_2243        | In2306        |
|-----------|---------------|---------------|---------------|---------------|---------------|
| Units     | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg       | <b>4622.2</b> | <b>82869.</b> | <b>7700.1</b> | <b>4026.3</b> | <b>4436.9</b> |
| Stddev    | 2.7           | 175.          | 27.1          | 5.9           | 1.9           |
| %RSD      | .05744        | .21155        | .35240        | .14696        | .04334        |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 4625.2 | 82756. | 7694.9 | 4020.2 | 4438.3 |
| #2 | 4620.6 | 82780. | 7729.5 | 4026.7 | 4434.7 |
| #3 | 4620.7 | 83071. | 7676.0 | 4032.0 | 4437.6 |

Sample Name: S1      Acquired: 5/4/2023 13:22:26      Type: Cal  
Method: NON EPA-6010-200.7(v1826)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .00130 | .00369 | .00350 | .00125 | .00694 | .00969 | .49094 | .03812 | .02394 | .12669 | .00171 |
| Stddev | .00003 | .00009 | .00029 | .00007 | .00015 | .00034 | .00306 | .00002 | .00025 | .00092 | .00006 |
| %RSD   | 2.5750 | 2.3985 | 8.3029 | 5.8900 | 2.0961 | 3.5448 | .62255 | .06258 | 1.0498 | .72487 | 3.7935 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00129 | .00367 | .00317 | .00134 | .00709 | .00929 | .49071 | .03813 | .02366 | .12565 | .00164 |
| #2 | .00134 | .00379 | .00368 | .00119 | .00681 | .00986 | .49410 | .03810 | .02415 | .12703 | .00177 |
| #3 | .00127 | .00362 | .00366 | .00124 | .00690 | .00991 | .48800 | .03814 | .02401 | .12739 | .00172 |

|        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .03448 | .01243 | .00069 | .02451 | .05422 | .04029 | .00124 | .02209 | .00617 | .10387 | .01153 |
| Stddev | .00015 | .00006 | .00003 | .00076 | .00068 | .00025 | .00005 | .00011 | .00032 | .00032 | .00003 |
| %RSD   | .43031 | .44435 | 3.8159 | 3.0852 | 1.2623 | .61982 | 3.7160 | .48593 | 5.2447 | .30803 | .29000 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03449 | .01244 | .00068 | .02399 | .05395 | .04001 | .00129 | .02203 | .00585 | .10393 | .01154 |
| #2 | .03463 | .01247 | .00068 | .02538 | .05499 | .04037 | .00121 | .02221 | .00649 | .10353 | .01149 |
| #3 | .03433 | .01236 | .00072 | .02418 | .05370 | .04049 | .00121 | .02202 | .00616 | .10416 | .01155 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .07671 | .16342 | .00888 | .03060 | .00117 | .00026 | .00096 | .01520 | .35733 |
| Stddev | .00077 | .00065 | .00007 | .00012 | .00002 | .00004 | .00006 | .00171 | .00319 |
| %RSD   | 1.0034 | .39574 | .83580 | .40358 | 1.6442 | 15.970 | 6.5315 | 11.222 | .89192 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .07732 | .16268 | .00897 | .03068 | .00119 | .00029 | .00093 | .01509 | .35960 |
| #2 | .07696 | .16383 | .00886 | .03067 | .00115 | .00027 | .00093 | .01696 | .35869 |
| #3 | .07585 | .16377 | .00883 | .03046 | .00118 | .00021 | .00103 | .01356 | .35369 |

Sample Name: S1      Acquired: 5/4/2023 13:22:26      Type: Cal  
Method: NON EPA-6010-200.7(v1826)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 4581.0 | 82144. | 7577.1 | 3959.5 | 4352.7 |
| Stddev    | 9.6    | 140.   | 48.5   | 19.7   | 6.0    |
| %RSD      | .20929 | .17015 | .63978 | .49704 | .13815 |
| #1        | 4591.8 | 82003. | 7544.5 | 3936.8 | 4353.7 |
| #2        | 4577.9 | 82148. | 7554.0 | 3971.7 | 4358.1 |
| #3        | 4573.4 | 82283. | 7632.8 | 3970.1 | 4346.3 |



Sample Name: S2      Acquired: 5/4/2023 13:26:24      Type: Cal  
Method: NON EPA-6010-200.7(v1826)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .05167 | .07873 | .26033 | .04703 | .10748 | .16519 | 7.1577 | .24622 | 1.5473 | .27968 | .03054 |
| Stddev | .00023 | .00025 | .00101 | .00037 | .00046 | .00090 | .0130  | .00263 | .0043  | .00189 | .00022 |
| %RSD   | .44634 | .31687 | .38801 | .78593 | .43196 | .54198 | .18093 | 1.0674 | .27873 | .67479 | .73589 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .05193 | .07850 | .25922 | .04728 | .10707 | .16471 | 7.1726 | .24858 | 1.5427 | .28180 | .03079 |
| #2 | .05149 | .07899 | .26056 | .04660 | .10739 | .16622 | 7.1499 | .24670 | 1.5478 | .27818 | .03047 |
| #3 | .05159 | .07870 | .26120 | .04720 | .10798 | .16464 | 7.1505 | .24339 | 1.5513 | .27905 | .03036 |

|        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .49541 | .12564 | .00592 | .50807 | .10967 | .44861 | .05876 | .04729 | .07073 | 1.1143 | .02532 |
| Stddev | .00085 | .00062 | .00003 | .00190 | .00074 | .00041 | .00005 | .00039 | .00032 | .0039  | .00019 |
| %RSD   | .17213 | .49525 | .48880 | .37443 | .67383 | .09152 | .07852 | .83436 | .45159 | .34818 | .75486 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .49453 | .12493 | .00591 | .50976 | .11037 | .44814 | .05881 | .04773 | .07074 | 1.1186 | .02553 |
| #2 | .49549 | .12608 | .00590 | .50843 | .10889 | .44881 | .05874 | .04698 | .07041 | 1.1113 | .02528 |
| #3 | .49623 | .12591 | .00595 | .50601 | .10974 | .44889 | .05872 | .04714 | .07104 | 1.1129 | .02515 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .60433 | .66091 | .18937 | .35833 | .00260 | .03315 | .02441 | .51759 | 15.105 |
| Stddev | .00120 | .00270 | .00050 | .00246 | .00004 | .00016 | .00007 | .00150 | .043   |
| %RSD   | .19858 | .40850 | .26160 | .68778 | 1.6176 | .48715 | .28820 | .29048 | .28224 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .60353 | .65848 | .18888 | .36040 | .00264 | .03313 | .02441 | .51889 | 15.154 |
| #2 | .60571 | .66044 | .18934 | .35560 | .00256 | .03333 | .02448 | .51594 | 15.085 |
| #3 | .60375 | .66382 | .18987 | .35897 | .00260 | .03301 | .02433 | .51792 | 15.075 |

Sample Name: S2      Acquired: 5/4/2023 13:26:24      Type: Cal  
Method: NON EPA-6010-200.7(v1826)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 4590.4 | 80675. | 7682.3 | 3908.0 | 4269.3 |
| Stddev    | 5.8    | 186.   | 30.0   | 10.1   | 3.8    |
| %RSD      | .12727 | .23061 | .39029 | .25730 | .09010 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 4593.4 | 80462. | 7661.0 | 3904.9 | 4271.3 |
| #2 | 4594.2 | 80805. | 7669.3 | 3919.2 | 4271.7 |
| #3 | 4583.7 | 80759. | 7716.6 | 3899.8 | 4264.8 |

Sample Name: S3      Acquired: 5/4/2023 13:30:09      Type: Cal  
Method: NON EPA-6010-200.7(v1826)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .15917 | .24251 | .80883 | .14312 | .32569 | .50675 | 21.870 | .74710 | 4.8245 | .85262 | .09162 |
| Stddev | .00075 | .00038 | .00066 | .00033 | .00049 | .00121 | .051   | .00368 | .0082  | .00124 | .00027 |
| %RSD   | .47231 | .15744 | .08109 | .23239 | .15051 | .23780 | .23338 | .49289 | .17045 | .14601 | .29487 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .15989 | .24295 | .80820 | .14350 | .32514 | .50682 | 21.831 | .74515 | 4.8299 | .85267 | .09182 |
| #2 | .15922 | .24231 | .80878 | .14295 | .32588 | .50791 | 21.927 | .74480 | 4.8150 | .85384 | .09132 |
| #3 | .15839 | .24228 | .80951 | .14291 | .32606 | .50551 | 21.851 | .75135 | 4.8285 | .85135 | .09173 |

|        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.5263 | .37670 | .01792 | 1.5418 | .33041 | 1.3761 | .17869 | .14031 | .21492 | 3.3778 | .07942 |
| Stddev | .0021  | .00154 | .00005 | .0055  | .00102 | .0012  | .00027 | .00052 | .00030 | .0070  | .00026 |
| %RSD   | .13609 | .40800 | .28824 | .35528 | .30743 | .08549 | .15009 | .37337 | .14116 | .20821 | .32672 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.5269 | .37836 | .01793 | 1.5355 | .32979 | 1.3774 | .17889 | .14088 | .21491 | 3.3857 | .07964 |
| #2 | 1.5240 | .37532 | .01786 | 1.5455 | .33158 | 1.3754 | .17879 | .14020 | .21462 | 3.3752 | .07949 |
| #3 | 1.5280 | .37643 | .01796 | 1.5445 | .32986 | 1.3754 | .17838 | .13985 | .21522 | 3.3724 | .07913 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.8462 | 1.9998 | .58636 | 1.0534 | .00741 | .10586 | .07692 | 1.5912 | 46.294 |
| Stddev | .0045  | .0033  | .00141 | .0014  | .00005 | .00011 | .00011 | .0057  | .182   |
| %RSD   | .24220 | .16475 | .24053 | .13205 | .62605 | .10537 | .14396 | .35575 | .39345 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.8411 | 2.0032 | .58762 | 1.0531 | .00738 | .10592 | .07704 | 1.5954 | 46.199 |
| #2 | 1.8494 | 1.9967 | .58484 | 1.0549 | .00739 | .10573 | .07692 | 1.5936 | 46.179 |
| #3 | 1.8480 | 1.9996 | .58662 | 1.0522 | .00747 | .10593 | .07681 | 1.5848 | 46.504 |

Sample Name: S3      Acquired: 5/4/2023 13:30:09      Type: Cal  
Method: NON EPA-6010-200.7(v1826)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 4527.7 | 80436. | 7591.8 | 3867.7 | 4090.3 |
| Stddev    | 10.0   | 98.    | 34.4   | 3.8    | 6.9    |
| %RSD      | .22061 | .12213 | .45378 | .09938 | .16842 |
| #1        | 4516.6 | 80539. | 7631.5 | 3863.5 | 4082.4 |
| #2        | 4530.4 | 80425. | 7574.5 | 3868.4 | 4094.9 |
| #3        | 4536.0 | 80343. | 7569.4 | 3871.1 | 4093.6 |

Sample Name: S4      Acquired: 5/4/2023 13:33:58      Type: Cal  
Method: NON EPA-6010-200.7(v1826)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .29745 | .45316 | 1.5101 | .26687 | .61014 | .93786 | 40.881 | 1.3741 | 9.0919 | 1.5644 | .16894 |
| Stddev | .00156 | .00229 | .0093  | .00197 | .00382 | .00034 | .220   | .0053  | .0514  | .0038  | .00141 |
| %RSD   | .52576 | .50468 | .61767 | .73839 | .62575 | .03618 | .53905 | .38694 | .56552 | .24396 | .83595 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .29714 | .45330 | 1.5099 | .26711 | .61110 | .93801 | 40.626 | 1.3709 | 9.1038 | 1.5662 | .17042 |
| #2 | .29914 | .45537 | 1.5195 | .26871 | .61339 | .93809 | 41.005 | 1.3803 | 9.1363 | 1.5670 | .16762 |
| #3 | .29606 | .45080 | 1.5008 | .26479 | .60594 | .93747 | 41.011 | 1.3712 | 9.0356 | 1.5600 | .16876 |

|        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 2.8836 | .69454 | .03326 | 2.8554 | .61459 | 2.5905 | .33492 | .26288 | .40214 | 6.1740 | .14970 |
| Stddev | .0170  | .00415 | .00025 | .0097  | .00075 | .0124  | .00347 | .00285 | .00040 | .0667  | .00137 |
| %RSD   | .58899 | .59736 | .74441 | .34069 | .12217 | .48078 | 1.0354 | 1.0833 | .09842 | 1.0799 | .91652 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.8853 | .69580 | .03353 | 2.8441 | .61393 | 2.5912 | .33875 | .26566 | .40253 | 6.2443 | .15099 |
| #2 | 2.8996 | .69792 | .03306 | 2.8614 | .61541 | 2.6025 | .33198 | .25997 | .40214 | 6.1116 | .14826 |
| #3 | 2.8658 | .68991 | .03318 | 2.8605 | .61442 | 2.5776 | .33404 | .26302 | .40174 | 6.1660 | .14984 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 3.5248 | 3.7320 | 1.1096 | 1.9605 | .01401 | .20498 | .14723 | 3.0337 | 86.162 |
| Stddev | .0116  | .0255  | .0060  | .0034  | .00012 | .00131 | .00068 | .0045  | .567   |
| %RSD   | .32902 | .68372 | .54558 | .17071 | .87608 | .64055 | .46142 | .14791 | .65823 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.5151 | 3.7368 | 1.1106 | 1.9580 | .01410 | .20506 | .14706 | 3.0291 | 85.511 |
| #2 | 3.5376 | 3.7549 | 1.1150 | 1.9643 | .01387 | .20626 | .14798 | 3.0381 | 86.422 |
| #3 | 3.5215 | 3.7045 | 1.1031 | 1.9592 | .01407 | .20364 | .14665 | 3.0339 | 86.552 |

Sample Name: S4      Acquired: 5/4/2023 13:33:58      Type: Cal  
Method: NON EPA-6010-200.7(v1826)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 4459.6 | 79527. | 7500.1 | 3795.0 | 3940.2 |
| Stddev    | 32.3   | 806.   | 19.0   | 45.5   | 24.1   |
| %RSD      | .72463 | 1.0136 | .25360 | 1.1979 | .61158 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 4447.8 | 78654. | 7513.5 | 3747.5 | 3933.2 |
| #2 | 4434.8 | 80244. | 7478.3 | 3838.1 | 3920.4 |
| #3 | 4496.1 | 79683. | 7508.5 | 3799.4 | 3967.0 |

Sample Name: S5      Acquired: 5/4/2023 13:37:52      Type: Cal  
Method: NON EPA-6010-200.7(v1826)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 | Ca3736 | Cr2677 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .62515 | .92536 | 3.1372 | .55187 | 1.2615 | 1.8858 | 82.920 | 2.7215 | 18.786 | 3.1684 | .33373 |
| Stddev | .00416 | .00191 | .0067  | .00098 | .0021  | .0076  | 1.004  | .0211  | .013   | .0146  | .00089 |
| %RSD   | .66624 | .20657 | .21382 | .17826 | .16671 | .40144 | 1.2112 | .77421 | .06749 | .46092 | .26780 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .62935 | .92702 | 3.1447 | .55278 | 1.2639 | 1.8775 | 82.005 | 2.7010 | 18.792 | 3.1525 | .33395 |
| #2 | .62507 | .92327 | 3.1349 | .55201 | 1.2600 | 1.8875 | 83.995 | 2.7431 | 18.771 | 3.1717 | .33274 |
| #3 | .62102 | .92579 | 3.1318 | .55082 | 1.2606 | 1.8923 | 82.761 | 2.7202 | 18.795 | 3.1811 | .33449 |

|        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 6.0077 | 1.4041 | .06741 | 5.8053 | 1.2447 | 5.3919 | .67889 | .54101 | .81338 | 12.283 | .30943 |
| Stddev | .0104  | .0020  | .00035 | .0404  | .0087  | .0150  | .00398 | .00398 | .00507 | .081   | .00161 |
| %RSD   | .17273 | .14460 | .51361 | .69637 | .69677 | .27899 | .58671 | .73524 | .62376 | .65813 | .52117 |

|    |        |        |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 6.0189 | 1.4064 | .06737 | 5.7596 | 1.2348 | 5.4091 | .68324 | .54201 | .80752 | 12.367 | .31038 |
| #2 | 5.9984 | 1.4032 | .06708 | 5.8200 | 1.2487 | 5.3856 | .67542 | .53662 | .81624 | 12.205 | .30757 |
| #3 | 6.0057 | 1.4027 | .06777 | 5.8363 | 1.2507 | 5.3811 | .67801 | .54438 | .81638 | 12.278 | .31035 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | B_2496 | Mo2020 | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 7.0894 | 7.5968 | 2.2982 | 4.0657 | .02847 | .43786 | .31754 | 6.2477 | 174.57 |
| Stddev | .0260  | .0063  | .0019  | .0251  | .00039 | .00072 | .00063 | .0383  | 1.01   |
| %RSD   | .36700 | .08239 | .08142 | .61779 | 1.3569 | .16417 | .19687 | .61278 | .57912 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.0708 | 7.6040 | 2.2964 | 4.0387 | .02826 | .43863 | .31797 | 6.2098 | 173.51 |
| #2 | 7.1191 | 7.5930 | 2.2981 | 4.0702 | .02824 | .43774 | .31682 | 6.2471 | 175.53 |
| #3 | 7.0783 | 7.5934 | 2.3002 | 4.0883 | .02892 | .43721 | .31782 | 6.2863 | 174.66 |

Sample Name: S5      Acquired: 5/4/2023 13:37:52      Type: Cal  
Method: NON EPA-6010-200.7(v1826)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 4316.1 | 78962. | 7437.3 | 3679.8 | 3710.1 |
| Stddev    | 21.4   | 505.   | 28.3   | 37.4   | 16.2   |
| %RSD      | .49664 | .64016 | .38083 | 1.0176 | .43664 |
| #1        | 4291.4 | 78396. | 7442.3 | 3637.6 | 3691.5 |
| #2        | 4329.2 | 79369. | 7406.8 | 3709.0 | 3721.2 |
| #3        | 4327.9 | 79122. | 7462.8 | 3692.8 | 3717.6 |



Sample Name: ICV01      Acquired: 5/4/2023 13:41:47      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |            |          |          |          |          |
|--------|----------|------------|----------|------------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908     | Pb2203   | Se1960     | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm        | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.046461 | F 1.066969 | 1.036621 | F 1.069811 | 1.002308 | 2.590404 | .5247812 | .5238329 |
| Stddev | .003564  | .002133    | .002374  | .002731    | .001940  | .028139  | .0065870 | .0041790 |
| %RSD   | .3406100 | .1999380   | .2289697 | .2552786   | .1935904 | 1.086281 | 1.255184 | .7977689 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.050573 | 1.067166 | 1.034170 | 1.072366 | 1.000679 | 2.604938 | .5283464 | .5278357 |
| #2 | 1.044550 | 1.068997 | 1.038908 | 1.070134 | 1.004455 | 2.557970 | .5171801 | .5194976 |
| #3 | 1.044258 | 1.064744 | 1.036786 | 1.066933 | 1.001790 | 2.608303 | .5288172 | .5241653 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5176735 | 10.20822 | .5214693 | .5092840 | .5348196 | 9.843456 | .5278733 | 6.055029 |
| Stddev | .0013661 | .10253   | .0015624 | .0011303 | .0013798 | .025317  | .0070082 | .067589  |
| %RSD   | .2639004 | 1.004392 | .2996253 | .2219418 | .2579965 | .2571941 | 1.327622 | 1.116243 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5165517 | 10.28589 | .5228425 | .5085380 | .5358440 | 9.848485 | .5309724 | 6.103383 |
| #2 | .5191949 | 10.09200 | .5217960 | .5105845 | .5353643 | 9.816002 | .5198498 | 5.977799 |
| #3 | .5172739 | 10.24678 | .5197693 | .5087295 | .5332506 | 9.865880 | .5327976 | 6.083907 |

|        |          |          |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|----------|----------|------------|------------|
| Elem   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .5112125 | .2534238 | 9.523896 | .5080496 | 1.030016 | 9.649024 | F 2.655678 | F 2.645063 |
| Stddev | .0008046 | .0006414 | .035106  | .0094174 | .003530  | .047676  | .018823    | .001632    |
| %RSD   | .1573918 | .2530787 | .3686076 | 1.853641 | .3427328 | .4941060 | .7087874   | .0617046   |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5103589 | .2540991 | 9.549328 | .5126906 | 1.033888 | 9.683576 | 2.670931 | 2.644259 |
| #2 | .5119569 | .2528228 | 9.483842 | .4972124 | 1.029183 | 9.594632 | 2.634642 | 2.646941 |
| #3 | .5113217 | .2533496 | 9.538517 | .5142457 | 1.026977 | 9.668865 | 2.661462 | 2.643988 |

Sample Name: ICV01      Acquired: 5/4/2023 13:41:47      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820     | Li6707     | Sr4077     | Ce4040     |
|-----------|----------|----------|----------|------------|------------|------------|------------|------------|
| Units     | ppm      | ppm      | ppm      | ppm        | ppm        | ppm        | ppm        | Cts/S      |
| Avg       | 2.530128 | 2.592614 | 2.429156 | F .0061372 | F -.001216 | F .0025334 | F -.008475 | z *****    |
| Stddev    | .009161  | .037192  | .012814  | .0023630   | .001465    | .0022003   | .000078    | -----      |
| %RSD      | .3620697 | 1.434555 | .5275026 | 38.50287   | 120.4364   | 86.84912   | .9149708   | -----      |
| #1        | 2.523017 | 2.619764 | 2.433480 | .0042598   | -.001059   | .0036995   | -.008414   | z 3826.320 |
| #2        | 2.540466 | 2.550222 | 2.414740 | .0087906   | .000164    | .0039052   | -.008562   | z 3837.424 |
| #3        | 2.526903 | 2.607857 | 2.439249 | .0053612   | -.002753   | -.000004   | -.008448   | z 3842.232 |
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243     | In2306     |            |            |            |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S      | Cts/S      |            |            |            |
| Avg       | 4549.709 | 83404.89 | 7595.288 | 3879.251   | 4195.466   |            |            |            |
| Stddev    | 5.952    | 284.57   | 56.281   | 18.667     | 6.115      |            |            |            |
| %RSD      | .1308286 | .3411961 | .7409967 | .4812051   | .1457455   |            |            |            |
| #1        | 4543.426 | 83100.96 | 7540.085 | 3860.740   | 4195.872   |            |            |            |
| #2        | 4550.436 | 83448.69 | 7652.588 | 3878.941   | 4189.159   |            |            |            |
| #3        | 4555.264 | 83665.03 | 7593.193 | 3898.070   | 4201.368   |            |            |            |

Sample Name: ICB01      Acquired: 5/4/2023 13:47:01      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002166 | .0003284 | .0005782 | -.000995 | -.001607 | -.008760 | .0022535 | .0000767 | -.000008 |
| Stddev | .0012813 | .0025430 | .0005604 | .002357  | .000886  | .014058  | .0008399 | .0000660 | .000015  |
| %RSD   | 591.7124 | 774.4067 | 96.91349 | 236.8971 | 55.14880 | 160.4854 | 37.26898 | 85.97896 | 199.9611 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000677 | -.001093 | .0011332 | -.003609 | -.002424 | .002006  | .0027981 | .0001143 | -.000018 |
| #2 | .001685  | .003264  | .0000126 | .000969  | -.001731 | -.024665 | .0026762 | .0000006 | .000010  |
| #3 | -.000359 | -.001186 | .0005888 | -.000345 | -.000665 | -.003621 | .0012863 | .0001154 | -.000015 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.006489 | -.000285 | -.000049 | .0004543 | -.001940 | -.000230 | -.010916 | .0000459 | -.000233 |
| Stddev | .012850  | .000313  | .000120  | .0003838 | .001008  | .000294  | .008673  | .0002269 | .000226  |
| %RSD   | 198.0453 | 109.7244 | 245.8875 | 84.48905 | 51.97287 | 127.5333 | 79.44902 | 494.5809 | 97.07184 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003835 | -.000056 | -.000176 | .0002202 | -.001474 | -.000566 | -.020854 | .0000202 | -.000100 |
| #2 | -.020459 | -.000157 | -.000032 | .0002453 | -.001249 | -.000021 | -.007012 | .0002846 | -.000104 |
| #3 | .004828  | -.000641 | .000062  | .0008972 | -.003098 | -.000104 | -.004882 | -.000167 | -.000494 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.079064 | -.001837 | -.000500 | -.059465 | .0125832 | .0004740 | .0004757 | .0089110 | -.001035 |
| Stddev | .011202  | .002213  | .000022  | .020439  | .0013909 | .0001750 | .0004501 | .0019741 | .016268  |
| %RSD   | 14.16850 | 120.4539 | 4.402118 | 34.37215 | 11.05345 | 36.90894 | 94.61522 | 22.15310 | 1571.265 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.066601 | -.004061 | -.000501 | -.059409 | .0141575 | .0005153 | .0003130 | .0089098 | -.006980 |
| #2 | -.082297 | -.001816 | -.000477 | -.039053 | .0115208 | .0006247 | .0009845 | .0108856 | -.013495 |
| #3 | -.088294 | .000365  | -.000521 | -.079932 | .0120714 | .0002821 | .0001295 | .0069375 | .017369  |

Sample Name: ICB01      Acquired: 5/4/2023 13:47:01      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0006123 | -.007575 | .0011010 | .0000260 | z ***** |
| Stddev | .0014960 | .003134  | .0029688 | .0000294 | -----   |
| %RSD   | 244.3106 | 41.37601 | 269.6313 | 113.0946 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | .0004393 | -.007301 | -.002279 | .0000539 | z 3862.351 |
| #2 | -.000790 | -.004587 | .003287  | -.000005 | z 3877.244 |
| #3 | .002187  | -.010837 | .002295  | .000029  | z 3879.197 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4543.581 | 81700.61 | 7378.017 | 3822.386 | 4383.006 |
| Stddev    | 4.092    | 598.21   | 148.750  | 27.539   | 2.469    |
| %RSD      | .0900720 | .7321932 | 2.016121 | .7204743 | .0563300 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4544.745 | 81589.10 | 7206.512 | 3807.644 | 4384.603 |
| #2 | 4546.966 | 82346.72 | 7455.655 | 3854.158 | 4384.253 |
| #3 | 4539.033 | 81166.00 | 7471.885 | 3805.356 | 4380.162 |

Sample Name: CRI01      Acquired: 5/4/2023 13:51:02      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0210480 | .0398672 | .0139781 | .0212635 | .0496279 | .0981055 | .1031598 | .0065126 | .0062414 |
| Stddev | .0026360 | .0014315 | .0008605 | .0003169 | .0010321 | .0103871 | .0006304 | .0000169 | .0000273 |
| %RSD   | 12.52354 | 3.590714 | 6.156111 | 1.490384 | 2.079688 | 10.58772 | .6110611 | .2596227 | .4366752 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0188359 | .0396395 | .0138846 | .0215709 | .0502346 | .0882101 | .1024625 | .0065074 | .0062161 |
| #2 | .0239646 | .0413989 | .0148816 | .0209379 | .0484362 | .0971834 | .1033278 | .0064990 | .0062702 |
| #3 | .0203435 | .0385631 | .0131682 | .0212818 | .0502129 | .1089229 | .1036892 | .0065316 | .0062378 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.929833 | .0096368 | .0289514 | .0240713 | .1030002 | .0219300 | 2.136331 | .0385729 | .0104073 |
| Stddev | .012859  | .0004575 | .0001226 | .0005531 | .0028215 | .0000918 | .006994  | .0002684 | .0004388 |
| %RSD   | .6663062 | 4.747140 | .4234100 | 2.297863 | 2.739296 | .4187057 | .3273790 | .6958492 | 4.216422 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.938095 | .0093034 | .0290895 | .0243623 | .1014788 | .0218804 | 2.132789 | .0384249 | .0108445 |
| #2 | 1.936386 | .0094487 | .0288555 | .0244181 | .1012660 | .0218736 | 2.131818 | .0384110 | .0104105 |
| #3 | 1.915018 | .0101584 | .0289092 | .0234334 | .1062559 | .0220359 | 2.144388 | .0388827 | .0099669 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.825949 | .0410447 | .0483589 | 1.910139 | .1113946 | .2130357 | .0372723 | .0466655 | .3753771 |
| Stddev | .011956  | .0017484 | .0002192 | .016088  | .0003477 | .0002661 | .0001891 | .0016169 | .0099493 |
| %RSD   | .6547804 | 4.259704 | .4532505 | .8422446 | .3121454 | .1249129 | .5073112 | 3.464902 | 2.650479 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.838334 | .0428367 | .0485441 | 1.894255 | .1111016 | .2131231 | .0371008 | .0481271 | .3801461 |
| #2 | 1.825038 | .0409539 | .0481169 | 1.909737 | .1113034 | .2132472 | .0374751 | .0449286 | .3820442 |
| #3 | 1.814474 | .0393435 | .0484157 | 1.926423 | .1117789 | .2127369 | .0372411 | .0469408 | .3639410 |

Sample Name: CRI01      Acquired: 5/4/2023 13:51:02      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0199664 | .0166090 | .0178736 | .0209073 | z ***** |
| Stddev | .0018134 | .0032460 | .0030617 | .0001213 | -----   |
| %RSD   | 9.082300 | 19.54335 | 17.12959 | .5802165 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | .0219635 | .0168582 | .0148551 | .0207786 | z 3844.234 |
| #2 | .0184228 | .0132456 | .0177890 | .0209237 | z 3837.655 |
| #3 | .0195129 | .0197231 | .0209767 | .0210196 | z 3850.905 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4528.952 | 82142.63 | 7450.265 | 3801.933 | 4323.525 |
| Stddev    | 8.882    | 90.86    | 22.541   | 15.450   | 5.289    |
| %RSD      | .1961124 | .1106114 | .3025525 | .4063618 | .1223237 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4529.221 | 82040.67 | 7473.659 | 3789.930 | 4323.152 |
| #2 | 4519.938 | 82172.18 | 7428.687 | 3796.504 | 4318.432 |
| #3 | 4537.696 | 82215.03 | 7448.449 | 3819.364 | 4328.990 |

Sample Name: ICSA01      Acquired: 5/4/2023 13:55:01      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000906 | -.006742 | -.001129 | .0026416 | -.000318 | 255.5150 | .0078374 | .0013154 |
| Stddev | .002733  | .002861  | .000614  | .0052747 | .002656  | .2446    | .0004912 | .0000578 |
| %RSD   | 301.7009 | 42.43034 | 54.37755 | 199.6780 | 834.3361 | .0957202 | 6.267544 | 4.396051 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002754 | -.004791 | -.000440 | -.000344 | .001768  | 255.6745 | .0078198 | .0013722 |
| #2 | .002234  | -.010027 | -.001329 | -.000463 | .000585  | 255.2334 | .0073552 | .0012566 |
| #3 | -.002198 | -.005410 | -.001618 | .008732  | -.003308 | 255.6369 | .0083372 | .0013173 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023194 | 244.9959 | .0550632 | .0018143 | .0028224 | 96.66630 | .0133602 | 255.6603 |
| Stddev | .0000218 | .1480    | .0003329 | .0001699 | .0008281 | .17657   | .0002821 | .5123    |
| %RSD   | .9377555 | .0603938 | .6045192 | 9.365559 | 29.33877 | .1826591 | 2.111650 | .2003685 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0023204 | 245.0475 | .0552918 | .0019998 | .0023664 | 96.60465 | .0130897 | 255.3992 |
| #2 | .0023406 | 245.1112 | .0546813 | .0017769 | .0037783 | 96.52881 | .0136526 | 255.3313 |
| #3 | .0022972 | 244.8291 | .0552165 | .0016662 | .0023226 | 96.86542 | .0133383 | 256.2505 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0033126 | -.000318 | -.050244 | .0039239 | -.003076 | -.057323 | -.089561 | .0007161 |
| Stddev | .0004237 | .000498  | .018247  | .0009411 | .000197  | .020444  | .001396  | .0001757 |
| %RSD   | 12.79103 | 156.5476 | 36.31714 | 23.98359 | 6.416122 | 35.66411 | 1.558456 | 24.54012 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0038007 | -.000090 | -.069999 | .0030465 | -.003248 | -.050636 | -.090964 | .0008032 |
| #2 | .0030981 | -.000890 | -.046715 | .0038072 | -.003120 | -.080273 | -.088172 | .0008314 |
| #3 | .0030390 | .000025  | -.034020 | .0049178 | -.002861 | -.041060 | -.089546 | .0005139 |

Sample Name: IC5A01      Acquired: 5/4/2023 13:55:01      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: IC5A01      Custom ID2:      Custom ID3:  
Comment:

|           |                 |                 |                 |                 |                 |                   |                 |                   |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|-------------------|
| Elem      | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707            | Sr4077          | Ce4040            |
| Units     | ppm             | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             | Cts/S             |
| Avg       | <b>-.003116</b> | <b>.0075949</b> | <b>-.123523</b> | <b>.0059185</b> | <b>-.002868</b> | <b>F .0614160</b> | <b>.0087359</b> | <b>z *****</b>    |
| Stddev    | .000711         | .0015674        | .010717         | .0033700        | .003148         | .0010795          | .0001882        | -----             |
| %RSD      | 22.82072        | 20.63743        | 8.676325        | 56.94057        | 109.7721        | 1.757663          | 2.154445        | -----             |
| #1        | <b>-.003342</b> | <b>.0091689</b> | <b>-.118957</b> | <b>.0086969</b> | <b>.000200</b>  | <b>.0626173</b>   | <b>.0089247</b> | <b>z 4238.590</b> |
| #2        | <b>-.003686</b> | <b>.0060342</b> | <b>-.135767</b> | <b>.0068890</b> | <b>-.006091</b> | <b>.0605275</b>   | <b>.0085483</b> | <b>z 4242.439</b> |
| #3        | <b>-.002319</b> | <b>.0075818</b> | <b>-.115845</b> | <b>.0021697</b> | <b>-.002714</b> | <b>.0611031</b>   | <b>.0087348</b> | <b>z 4249.801</b> |
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |                   |                 |                   |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |                   |                 |                   |
| Avg       | <b>4077.831</b> | <b>74707.13</b> | <b>7165.048</b> | <b>3453.272</b> | <b>3484.794</b> |                   |                 |                   |
| Stddev    | 7.502           | 30.59           | 8.837           | 10.475          | 9.777           |                   |                 |                   |
| %RSD      | .1839674        | .0409465        | .1233285        | .3033409        | .2805544        |                   |                 |                   |
| #1        | 4069.407        | 74732.84        | 7158.810        | 3457.784        | 3473.766        |                   |                 |                   |
| #2        | 4080.293        | 74673.30        | 7161.175        | 3441.297        | 3492.399        |                   |                 |                   |
| #3        | 4083.792        | 74715.25        | 7175.160        | 3460.735        | 3488.217        |                   |                 |                   |



Sample Name: ICSAB01      Acquired: 5/4/2023 13:58:57      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1025102 | .0965448 | .0499078 | .0530517 | .6208069 | 260.0463 | .5324406 | .5204064 |
| Stddev | .0026606 | .0022079 | .0024790 | .0018745 | .0038185 | 1.0524   | .0030569 | .0020441 |
| %RSD   | 2.595491 | 2.286902 | 4.967201 | 3.533333 | .6150813 | .4047052 | .5741322 | .3927831 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1031254 | .0949254 | .0525641 | .0508922 | .6184821 | 258.8528 | .5289162 | .5227180 |
| #2 | .1048094 | .0956492 | .0476557 | .0540050 | .6252139 | 260.4449 | .5340321 | .5196636 |
| #3 | .0995958 | .0990598 | .0495035 | .0542580 | .6187248 | 260.8413 | .5343734 | .5188375 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.025377 | 248.8270 | .5536776 | .5056930 | .4983589 | 99.68460 | .5290202 | 260.7604 |
| Stddev | .004994  | 1.0424   | .0019705 | .0026463 | .0028283 | .53461   | .0028011 | .9827    |
| %RSD   | .4870826 | .4189265 | .3558956 | .5232979 | .5675171 | .5362969 | .5294825 | .3768725 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.029172 | 247.6276 | .5555912 | .5074859 | .5006801 | 99.06968 | .5260381 | 259.7115 |
| #2 | 1.027239 | 249.3395 | .5537870 | .5069396 | .4991878 | 100.0390 | .5294267 | 260.9098 |
| #3 | 1.019719 | 249.5139 | .5516547 | .5026537 | .4952088 | 99.9451  | .5315958 | 261.6598 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.006199 | .2210927 | -.054202 | .5009638 | 1.073657 | -.092032 | 1.049948 | 1.106906 |
| Stddev | .004345  | .0003802 | .014537  | .0020076 | .000556  | .012947  | .003453  | .002729  |
| %RSD   | .4318119 | .1719542 | 26.82057 | .4007443 | .0518230 | 14.06823 | .3289167 | .2465397 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.008730 | .2214159 | -.047221 | .4986980 | 1.073635 | -.081018 | 1.052906 | 1.108544 |
| #2 | 1.008684 | .2206738 | -.070913 | .5016720 | 1.073112 | -.106294 | 1.046153 | 1.108418 |
| #3 | 1.001182 | .2211883 | -.044472 | .5025212 | 1.074224 | -.088784 | 1.050785 | 1.103756 |

Sample Name: ICSAB01      Acquired: 5/4/2023 13:58:57      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820     | Li6707     | Sr4077     | Ce4040     |
|-----------|----------|----------|----------|------------|------------|------------|------------|------------|
| Units     | ppm      | ppm      | ppm      | ppm        | ppm        | ppm        | ppm        | Cts/S      |
| Avg       | 1.117215 | 1.106241 | .9988151 | F .0046374 | F .0022721 | F .0581812 | F .0077382 | z *****    |
| Stddev    | .002993  | .006073  | .0156359 | .0020233   | .0063509   | .0036778   | .0001608   | -----      |
| %RSD      | .2678719 | .5489802 | 1.565442 | 43.63125   | 279.5174   | 6.321291   | 2.078245   | -----      |
| #1        | 1.118338 | 1.099548 | .9943988 | .0037562   | .0014333   | .0591689   | .0078017   | z 4322.120 |
| #2        | 1.119483 | 1.111400 | 1.016184 | .0032041   | -.003618   | .0541104   | .0075553   | z 4325.125 |
| #3        | 1.113823 | 1.107776 | .985862  | .0069519   | .009001    | .0612643   | .0078575   | z 4345.923 |
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243     | In2306     |            |            |            |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S      | Cts/S      |            |            |            |
| Avg       | 4061.631 | 73425.31 | 7145.768 | 3395.772   | 3485.334   |            |            |            |
| Stddev    | 17.062   | 123.98   | 27.784   | 8.764      | 14.954     |            |            |            |
| %RSD      | .4200725 | .1688568 | .3888241 | .2580802   | .4290443   |            |            |            |
| #1        | 4052.949 | 73313.19 | 7120.284 | 3398.932   | 3476.836   |            |            |            |
| #2        | 4050.656 | 73558.46 | 7175.389 | 3402.517   | 3476.566   |            |            |            |
| #3        | 4081.288 | 73404.29 | 7141.631 | 3385.866   | 3502.600   |            |            |            |

Sample Name: ICSA01DLX20      Acquired: 5/4/2023 14:02:42      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004387 | .0003026 | .0002581 | -.000902 | -.000784 | 12.25675 | .0021488 | .0001513 | .0000669 |
| Stddev | .0021031 | .0006827 | .0005680 | .005035  | .000286  | .04386   | .0002781 | .0000240 | .0000401 |
| %RSD   | 479.3703 | 225.6244 | 220.0798 | 558.0849 | 36.42910 | .3578781 | 12.94092 | 15.87496 | 59.88804 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001847 | .0005913 | -.000159 | .000201  | -.000515 | 12.20821 | .0018284 | .0001460 | .0000371 |
| #2 | .002292  | .0007935 | .000028  | .003489  | -.001084 | 12.26848 | .0023276 | .0001776 | .0000512 |
| #3 | .000871  | -.000477 | .000905  | -.006397 | -.000753 | 12.29355 | .0022904 | .0001304 | .0001125 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.03539 | .0023520 | .0000033 | .0006640 | 4.838079 | .0005887 | 12.57889 | .0001579 | -.000461 |
| Stddev | .04435   | .0003237 | .0001888 | .0003714 | .003877  | .0002743 | .03145   | .0001053 | .000267  |
| %RSD   | .3684979 | 13.76280 | 5783.934 | 55.93347 | .0801371 | 46.58777 | .2500310 | 66.66741 | 57.81470 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.99576 | .0023896 | .0000020 | .0003003 | 4.834261 | .0008877 | 12.54636 | .0000807 | -.000501 |
| #2 | 12.08329 | .0026553 | .0001927 | .0006492 | 4.842012 | .0003488 | 12.58118 | .0002778 | -.000177 |
| #3 | 12.02711 | .0020112 | -.000185 | .0010426 | 4.837965 | .0005297 | 12.60914 | .0001152 | -.000706 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.085843 | .0008744 | -.000086 | -.060453 | -.002737 | -.000210 | -.000999 | .0085936 | -.019177 |
| Stddev | .004017  | .0003270 | .000219  | .009696  | .000537  | .000123  | .000627  | .0013054 | .019371  |
| %RSD   | 4.679350 | 37.39663 | 255.0925 | 16.03911 | 19.62634 | 58.41169 | 62.70609 | 15.19046 | 101.0103 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.088502 | .0007116 | -.000313 | -.066300 | -.002411 | -.000082 | -.001019 | .0074412 | -.009674 |
| #2 | -.081222 | .0012509 | .000123  | -.049261 | -.003357 | -.000327 | -.001615 | .0100113 | -.041465 |
| #3 | -.087804 | .0006608 | -.000068 | -.065798 | -.002443 | -.000223 | -.000363 | .0083283 | -.006393 |

Sample Name: ICSA01DLX20      Acquired: 5/4/2023 14:02:42      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|-----------------|----------------|
| Elem   | P_1774          | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.001177</b> | <b>-.004308</b> | <b>-.000376</b> | <b>.0005117</b> | <b>z *****</b> |
| Stddev | .003991         | .002650         | .003954         | .0000211        | -----          |
| %RSD   | 338.9748        | 61.51213        | 1051.462        | 4.119216        | -----          |

|    |          |          |          |          |                   |
|----|----------|----------|----------|----------|-------------------|
| #1 | .003342  | -.003641 | .002423  | .0005360 | <b>z 3962.450</b> |
| #2 | -.004217 | -.002055 | .001349  | .0004979 | <b>z 3978.650</b> |
| #3 | -.002656 | -.007228 | -.004900 | .0005013 | <b>z 3969.924</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>4374.899</b> | <b>79420.12</b> | <b>7299.337</b> | <b>3699.284</b> | <b>4069.433</b> |
| Stddev    | 14.893          | 62.12           | 21.102          | 8.866           | 13.167          |
| %RSD      | .3404101        | .0782138        | .2890948        | .2396721        | .3235621        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4362.849 | 79366.97 | 7274.971 | 3709.064 | 4056.265 |
| #2 | 4370.300 | 79488.41 | 7311.409 | 3691.772 | 4069.435 |
| #3 | 4391.549 | 79404.99 | 7311.631 | 3697.017 | 4082.599 |

Sample Name: ICSAB01DLX20      Acquired: 5/4/2023 14:06:41      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068461 | .0055918 | .0030433 | .0013266 | .0271199 | 11.45745 | .0264513 | .0243504 | .0469207 |
| Stddev | .0017455 | .0016642 | .0011981 | .0040347 | .0008965 | .02327   | .0004745 | .0000313 | .0000752 |
| %RSD   | 25.49690 | 29.76118 | 39.36905 | 304.1347 | 3.305703 | .2030987 | 1.793681 | .1286736 | .1602361 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0088538 | .0066353 | .0024622 | .0056374 | .0277023 | 11.44249 | .0269732 | .0243445 | .0469965 |
| #2 | .0059965 | .0036726 | .0022465 | -.002359 | .0260876 | 11.44561 | .0263348 | .0243224 | .0468462 |
| #3 | .0056880 | .0064674 | .0044211 | .000701  | .0275699 | 11.48426 | .0260460 | .0243842 | .0469193 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.23379 | .0257331 | .0228255 | .0251694 | 4.550265 | .0252139 | 11.85359 | .0466467 | .0095789 |
| Stddev | .00683   | .0000871 | .0001090 | .0005335 | .021033  | .0004345 | .07188   | .0002669 | .0001981 |
| %RSD   | .0608226 | .3383673 | .4775415 | 2.119683 | .4622417 | 1.723364 | .6063711 | .5722234 | 2.067859 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.22620 | .0256344 | .0229182 | .0247937 | 4.526182 | .0252673 | 11.78749 | .0469202 | .0094836 |
| #2 | 11.23572 | .0257992 | .0228530 | .0257800 | 4.565028 | .0247552 | 11.84318 | .0466330 | .0094465 |
| #3 | 11.23944 | .0257656 | .0227054 | .0249344 | 4.559584 | .0256193 | 11.93010 | .0463869 | .0098066 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.088540 | .0228463 | .0488818 | -.062380 | .0468971 | .0500187 | .0467456 | .0572201 | .0301316 |
| Stddev | .017996  | .0043719 | .0002879 | .017283  | .0008684 | .0003471 | .0001153 | .0020197 | .0234067 |
| %RSD   | 20.32547 | 19.13623 | .5890584 | 27.70615 | 1.851619 | .6939433 | .2465538 | 3.529646 | 77.68181 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.094513 | .0190290 | .0485501 | -.048233 | .0460076 | .0497372 | .0466128 | .0570431 | .0161314 |
| #2 | -.068317 | .0276159 | .0490272 | -.057263 | .0477427 | .0499123 | .0468195 | .0552947 | .0171098 |
| #3 | -.102790 | .0218941 | .0490680 | -.081644 | .0469408 | .0504065 | .0468046 | .0593224 | .0571534 |

Sample Name: ICSAB01DLX20      Acquired: 5/4/2023 14:06:41      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |                  |                  |                 |                 |                |
|--------|------------------|------------------|-----------------|-----------------|----------------|
| Elem   | P_1774           | S_1820           | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm              | ppm              | ppm             | ppm             | Cts/S          |
| Avg    | <b>-0.000942</b> | <b>-0.001090</b> | <b>.0008452</b> | <b>.0004728</b> | <b>z *****</b> |
| Stddev | .001727          | .000485          | .0006092        | .0000595        | -----          |
| %RSD   | 183.3663         | 44.45767         | 72.08056        | 12.58987        | -----          |

|    |                  |                  |                 |                 |                   |
|----|------------------|------------------|-----------------|-----------------|-------------------|
| #1 | <b>-0.002936</b> | <b>-0.000539</b> | <b>.0009368</b> | <b>.0004753</b> | <b>z 3935.685</b> |
| #2 | <b>.000084</b>   | <b>-0.001281</b> | <b>.0014034</b> | <b>.0004121</b> | <b>z 3934.318</b> |
| #3 | <b>.000027</b>   | <b>-0.001450</b> | <b>.0001954</b> | <b>.0005310</b> | <b>z 3940.227</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>4406.079</b> | <b>79612.66</b> | <b>7347.239</b> | <b>3659.150</b> | <b>4119.198</b> |
| Stddev    | 4.454           | 252.07          | 17.575          | 11.112          | 7.781           |
| %RSD      | .1010790        | .3166174        | .2392035        | .3036760        | .1888906        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>4402.474</b> | <b>79817.50</b> | <b>7340.113</b> | <b>3668.976</b> | <b>4110.652</b> |
| #2 | <b>4404.706</b> | <b>79689.31</b> | <b>7367.258</b> | <b>3661.385</b> | <b>4121.072</b> |
| #3 | <b>4411.058</b> | <b>79331.16</b> | <b>7334.347</b> | <b>3647.091</b> | <b>4125.872</b> |

Sample Name: CCV01      Acquired: 5/4/2023 14:10:38      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.098092 | 4.872556 | 4.884402 | 4.954892 | 5.003191 | 9.591887 | 9.859288 | .2419815 |
| Stddev | .026489  | .006390  | .007070  | .000342  | .004298  | .034873  | .061258  | .0006922 |
| %RSD   | .5195815 | .1311517 | .1447547 | .0069093 | .0858965 | .3635691 | .6213220 | .2860594 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.124737 | 4.876419 | 4.878324 | 4.955113 | 5.008084 | 9.553236 | 9.790581 | .2417614 |
| #2 | 5.097776 | 4.865180 | 4.882719 | 4.955066 | 5.001461 | 9.601432 | 9.879081 | .2414262 |
| #3 | 5.071762 | 4.876070 | 4.892162 | 4.954498 | 5.000029 | 9.620994 | 9.908203 | .2427570 |

|        |          |            |          |          |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736     | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.387448 | F 23.68629 | .9561099 | 2.436896 | 1.246782 | 4.866926 | 2.504399 | 24.41341 |
| Stddev | .001938  | .03589     | .0025306 | .001318  | .000690  | .009340  | .002858  | .06656   |
| %RSD   | .0811951 | .1515408   | .2646774 | .0540684 | .0553577 | .1918988 | .1141355 | .2726388 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.386036 | 23.64576 | .9583779 | 2.435531 | 1.247576 | 4.872146 | 2.501099 | 24.34427 |
| #2 | 2.386649 | 23.71407 | .9565717 | 2.436998 | 1.246448 | 4.872488 | 2.506117 | 24.47705 |
| #3 | 2.389658 | 23.69904 | .9533803 | 2.438160 | 1.246323 | 4.856143 | 2.505980 | 24.41890 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.464799 | 1.253015 | 23.77608 | 2.407330 | 2.491609 | 24.23064 | 5.029150 | 4.905263 |
| Stddev | .000445  | .003236  | .12211   | .003170  | .008026  | .06184   | .016418  | .003060  |
| %RSD   | .0180478 | .2582902 | .5135857 | .1316727 | .3221220 | .2552137 | .3264535 | .0623860 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.464658 | 1.256629 | 23.87384 | 2.405102 | 2.496955 | 24.17275 | 5.021034 | 4.905885 |
| #2 | 2.464442 | 1.250383 | 23.81520 | 2.405929 | 2.482380 | 24.29579 | 5.018370 | 4.901940 |
| #3 | 2.465297 | 1.252035 | 23.63921 | 2.410959 | 2.495492 | 24.22337 | 5.048045 | 4.907965 |

Sample Name: CCV01      Acquired: 5/4/2023 14:10:38      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707     | Sr4077   | Ce4040     |
|-----------|----------|----------|------------|----------|----------|------------|----------|------------|
| Units     | ppm      | ppm      | ppm        | ppm      | ppm      | ppm        | ppm      | Cts/S      |
| Avg       | 4.757663 | 4.790030 | F 4.737185 | 4.881072 | 4.822006 | F 4.741801 | 5.076973 | z *****    |
| Stddev    | .010057  | .008560  | .015739    | .005376  | .009428  | .010614    | .036228  | -----      |
| %RSD      | .2113835 | .1787128 | .3322485   | .1101354 | .1955247 | .2238305   | .7135652 | -----      |
| #1        | 4.749577 | 4.780835 | 4.729983   | 4.875674 | 4.828674 | 4.739093   | 5.038657 | z 4021.892 |
| #2        | 4.754488 | 4.797769 | 4.755237   | 4.886425 | 4.811219 | 4.753507   | 5.081592 | z 4036.064 |
| #3        | 4.768925 | 4.791485 | 4.726336   | 4.881117 | 4.826124 | 4.732804   | 5.110669 | z 4038.086 |
| Int. Std. | Y_2243   | Y_3600   | Y_3710     | Y_2243   | In2306   |            |          |            |
| Units     | Cts/S    | Cts/S    | Cts/S      | Cts/S    | Cts/S    |            |          |            |
| Avg       | 4305.849 | 78492.87 | 7303.202   | 3608.653 | 3856.689 |            |          |            |
| Stddev    | 9.299    | 254.56   | 12.925     | 7.668    | 5.919    |            |          |            |
| %RSD      | .2159517 | .3243145 | .1769741   | .2124901 | .1534683 |            |          |            |
| #1        | 4301.742 | 78224.44 | 7310.535   | 3599.910 | 3857.060 |            |          |            |
| #2        | 4299.310 | 78523.37 | 7310.792   | 3614.236 | 3850.593 |            |          |            |
| #3        | 4316.493 | 78730.82 | 7288.278   | 3611.815 | 3862.413 |            |          |            |



Sample Name: LLCCV01      Acquired: 5/4/2023 14:14:34      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0204181 | .0409348 | .0136970 | .0189242 | .0513323 | .1172085 | .1043292 | .0063376 |
| Stddev | .0024404 | .0016730 | .0006250 | .0008230 | .0009186 | .0103344 | .0004053 | .0000343 |
| %RSD   | 11.95200 | 4.086988 | 4.563136 | 4.348773 | 1.789472 | 8.817124 | .3884481 | .5410556 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0221088 | .0422155 | .0140338 | .0198607 | .0512640 | .1094086 | .1041633 | .0063724 |
| #2 | .0176204 | .0415469 | .0129758 | .0185953 | .0522831 | .1289297 | .1047911 | .0063365 |
| #3 | .0215250 | .0390419 | .0140814 | .0183165 | .0504497 | .1132873 | .1040332 | .0063038 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0063136 | 1.917258 | .0097170 | .0291254 | .0234727 | .1003420 | .0220532 | 2.130121 |
| Stddev | .0000552 | .012119  | .0003246 | .0001181 | .0004419 | .0023254 | .0001432 | .003889  |
| %RSD   | .8736083 | .6321207 | 3.340931 | .4054305 | 1.882599 | 2.317467 | .6493497 | .1825659 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0063317 | 1.909343 | .0095248 | .0292154 | .0236401 | .0977124 | .0222172 | 2.129654 |
| #2 | .0062517 | 1.931210 | .0095344 | .0291692 | .0238065 | .1011862 | .0219531 | 2.126486 |
| #3 | .0063574 | 1.911220 | .0100918 | .0289917 | .0229716 | .1021274 | .0219893 | 2.134222 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0389436 | .0105111 | 1.805817 | .0392401 | .0479288 | 1.906880 | .1160075 | .2168595 |
| Stddev | .0000837 | .0002594 | .028207  | .0013684 | .0005062 | .003788  | .0009010 | .0010494 |
| %RSD   | .2148073 | 2.467754 | 1.561997 | 3.487304 | 1.056105 | .1986737 | .7766675 | .4839220 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0388473 | .0103902 | 1.786270 | .0376608 | .0483280 | 1.910825 | .1163948 | .2176339 |
| #2 | .0389854 | .0108088 | 1.793029 | .0400727 | .0480988 | 1.903271 | .1166500 | .2172795 |
| #3 | .0389980 | .0103342 | 1.838153 | .0399870 | .0473595 | 1.906543 | .1149776 | .2156651 |

Sample Name: LLCCV01      Acquired: 5/4/2023 14:14:34      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   | Sr4077   | Ce4040     |
|-----------|----------|----------|----------|----------|------------|----------|----------|------------|
| Units     | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      | Cts/S      |
| Avg       | .0370622 | .0474138 | .3604984 | .0193554 | F .0156426 | .0175133 | .0213079 | z *****    |
| Stddev    | .0006528 | .0008790 | .0044319 | .0026351 | .0039190   | .0025110 | .0000546 | -----      |
| %RSD      | 1.761295 | 1.853985 | 1.229370 | 13.61430 | 25.05320   | 14.33736 | .2561899 | -----      |
| #1        | .0377967 | .0464200 | .3631316 | .0212542 | .0111903   | .0203731 | .0212692 | z 3716.202 |
| #2        | .0368418 | .0477314 | .3629820 | .0163469 | .0185694   | .0156696 | .0213704 | z 3704.790 |
| #3        | .0365482 | .0480898 | .3553817 | .0204650 | .0171682   | .0164973 | .0212842 | z 3747.210 |
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306     |          |          |            |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S      |          |          |            |
| Avg       | 4423.997 | 81910.15 | 7348.754 | 3730.862 | 4240.151   |          |          |            |
| Stddev    | 3.259    | 321.53   | 25.017   | 3.848    | 3.312      |          |          |            |
| %RSD      | .0736605 | .3925360 | .3404279 | .1031393 | .0781167   |          |          |            |
| #1        | 4421.831 | 81715.42 | 7321.781 | 3726.917 | 4240.364   |          |          |            |
| #2        | 4422.416 | 82281.27 | 7353.284 | 3731.063 | 4236.738   |          |          |            |
| #3        | 4427.745 | 81733.77 | 7371.196 | 3734.605 | 4243.352   |          |          |            |

Sample Name: CCB01      Acquired: 5/4/2023 14:18:35      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          | Be2348          | Cd2265          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000152</b> | <b>.0003267</b> | <b>-.000001</b> | <b>.0002019</b> | <b>-.000124</b> | <b>-.006131</b> | <b>.0020644</b> | <b>.0000947</b> | <b>.0000353</b> |
| Stddev | .002182         | .0002409        | .000585         | .0021570        | .001543         | .013138         | .0005837        | .0000669        | .0001124        |
| %RSD   | 1434.536        | 73.75347        | 92349.18        | 1068.249        | 1247.075        | 214.2887        | 28.27665        | 70.59816        | 318.7094        |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000599  | .0001649 | -.000568 | .0025631 | -.001683 | -.016781 | .0018719 | .0000631 | -.000095 |
| #2 | .001554  | .0002116 | -.000035 | -.000292 | -.000091 | -.010162 | .0027200 | .0000496 | .000103  |
| #3 | -.002610 | .0006035 | .000601  | -.001665 | .001403  | .008550  | .0016012 | .0001716 | .000098  |

|        |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.004824</b> | <b>-.000000</b> | <b>-.000220</b> | <b>-.000102</b> | <b>-.000906</b> | <b>-.000023</b> | <b>-.015306</b> | <b>-.000004</b> | <b>-.000094</b> |
| Stddev | .020180         | .000324         | .000152         | .000274         | .001352         | .000172         | .012323         | .000110         | .000418         |
| %RSD   | 418.3483        | 135317.4        | 69.18346        | 269.1058        | 149.1454        | 755.4905        | 80.50781        | 2878.803        | 442.2742        |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .018396  | -.000137 | -.000097 | .000152  | -.001079 | -.000033 | -.022273 | .000116  | .000097  |
| #2 | -.018127 | .000369  | -.000390 | -.000066 | -.002164 | .000154  | -.001078 | -.000028 | .000193  |
| #3 | -.014740 | -.000233 | -.000172 | -.000391 | .000523  | -.000189 | -.022566 | -.000100 | -.000573 |

|        |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.094669</b> | <b>-.000198</b> | <b>-.000312</b> | <b>-.063070</b> | <b>.0036494</b> | <b>.0000689</b> | <b>-.000242</b> | <b>.0098511</b> | <b>-.019363</b> |
| Stddev | .008606         | .001030         | .000220         | .022876         | .0003224        | .0000405        | .000351         | .0006159        | .007127         |
| %RSD   | 9.091008        | 521.4852        | 70.59031        | 36.27113        | 8.833271        | 58.76144        | 145.2925        | 6.251667        | 36.80494        |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.099676 | -.000543 | -.000072 | -.066693 | .0034861 | .0001004 | .000164  | .0102454 | -.026634 |
| #2 | -.084731 | -.001011 | -.000360 | -.083919 | .0034413 | .0000232 | -.000439 | .0091415 | -.012389 |
| #3 | -.099600 | .000961  | -.000504 | -.038599 | .0040207 | .0000832 | -.000450 | .0101665 | -.019067 |

Sample Name: CCB01      Acquired: 5/4/2023 14:18:35      Type: Unk  
 Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0021153 | -.004858 | -.001771 | .0000364 | z ***** |
| Stddev | .0012374 | .001120  | .004253  | .0000330 | -----   |
| %RSD   | 58.49453 | 23.04723 | 240.1344 | 90.72794 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | .0034012 | -.005213 | -.003796 | .0000229 | z 3652.789 |
| #2 | .0020119 | -.003604 | .003116  | .0000739 | z 3648.115 |
| #3 | .0009329 | -.005757 | -.004633 | .0000122 | z 3665.337 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4410.551 | 82537.05 | 7274.311 | 3718.325 | 4281.358 |
| Stddev    | 14.153   | 286.97   | 30.300   | 3.846    | 12.173   |
| %RSD      | .3208842 | .3476874 | .4165305 | .1034314 | .2843172 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4424.229 | 82284.12 | 7302.283 | 3713.894 | 4294.671 |
| #2 | 4411.458 | 82478.11 | 7278.527 | 3720.798 | 4278.607 |
| #3 | 4395.967 | 82848.91 | 7242.125 | 3720.283 | 4270.797 |

Sample Name: O2567-02      Acquired: 5/4/2023 14:27:32      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: B-21-SB02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0310762 | -.013044 | .0999378 | .0053950 | -.002571 | 101.8367 | .7855016 | .0075267 | .0045119 |
| Stddev | .0014479 | .002242  | .0009630 | .0044313 | .000607  | .2366    | .0030562 | .0000777 | .0002119 |
| %RSD   | 4.659209 | 17.18974 | .9636240 | 82.13776 | 23.62985 | .2323150 | .3890769 | 1.032419 | 4.697369 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0327455 | -.014136 | .0988294 | .0031800 | -.003045 | 101.5636 | .7825114 | .0074770 | .0045018 |
| #2 | .0303227 | -.014531 | .1005694 | .0104971 | -.002781 | 101.9793 | .7853737 | .0074868 | .0043052 |
| #3 | .0301605 | -.010465 | .1004146 | .0025079 | -.001886 | 101.9672 | .7886198 | .0076162 | .0047287 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.445754 | .1300644 | .1055506 | .1844213 | 150.7433 | 2.739318 | 35.37912 | .1963038 | .0011565 |
| Stddev | .017591  | .0003612 | .0009602 | .0024125 | .6638    | .010413  | .08788   | .0015527 | .0002370 |
| %RSD   | .1862332 | .2777116 | .9096582 | 1.308159 | .4403261 | .3801462 | .2483961 | .7909725 | 20.49550 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.427833 | .1297110 | .1059546 | .1844258 | 151.1032 | 2.727594 | 35.28585 | .1968925 | .0009992 |
| #2 | 9.446433 | .1304329 | .1044545 | .1820066 | 151.1495 | 2.742865 | 35.46038 | .1945428 | .0014292 |
| #3 | 9.462996 | .1300492 | .1062428 | .1868316 | 149.9774 | 2.747494 | 35.39114 | .1974761 | .0010412 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8593563 | .1838564 | .4355380 | 9.941346 | -.121279 | .0016147 | .0135890 | 2.046952 | 7.168379 |
| Stddev | .0216339 | .0009346 | .0019803 | .014966  | .002316  | .0002590 | .0005139 | .004788  | .125922  |
| %RSD   | 2.517458 | .5083436 | .4546687 | .1505466 | 1.909646 | 16.04059 | 3.781654 | .2339124 | 1.756628 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8699732 | .1833232 | .4333217 | 9.943653 | -.118632 | .0018970 | .0129994 | 2.041677 | 7.281882 |
| #2 | .8736307 | .1833104 | .4371334 | 9.925360 | -.122278 | .0015589 | .0138257 | 2.051023 | 7.190328 |
| #3 | .8344650 | .1849356 | .4361590 | 9.955025 | -.122929 | .0013881 | .0139419 | 2.048157 | 7.032925 |

Sample Name: O2567-02      Acquired: 5/4/2023 14:27:32      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: B-21-SB02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 5.707972 | 1.389751 | .1462872 | -.093614 | z ***** |
| Stddev | .049084  | .011630  | .0001080 | .000779  | -----   |
| %RSD   | .8599175 | .8368726 | .0738536 | .8324255 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | 5.727402 | 1.397389 | .1461672 | -.094098 | z 6079.936 |
| #2 | 5.652147 | 1.376366 | .1463766 | -.094029 | z 6077.491 |
| #3 | 5.744366 | 1.395499 | .1463180 | -.092715 | z 6088.100 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5186.892 | 94922.42 | 8901.299 | 4379.378 | 3870.247 |
| Stddev    | 26.865   | 369.48   | 56.437   | 16.408   | 27.828   |
| %RSD      | .5179346 | .3892422 | .6340298 | .3746711 | .7190348 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5187.888 | 94923.68 | 8966.396 | 4395.783 | 3855.834 |
| #2 | 5213.245 | 94552.31 | 8871.374 | 4362.967 | 3902.326 |
| #3 | 5159.543 | 95291.26 | 8866.126 | 4379.385 | 3852.581 |

Sample Name: O2568-01      Acquired: 5/4/2023 14:31:21      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: 72-11938      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0532564 | -.017591 | .1807723 | .0020210 | -.002438 | 88.72565 | .8329117 | .0066896 | .0045949 |
| Stddev | .0011641 | .000865  | .0022026 | .0052506 | .001766  | .25926   | .0026288 | .0000685 | .0000205 |
| %RSD   | 2.185904 | 4.919300 | 1.218414 | 259.8011 | 72.40751 | .2922025 | .3156212 | 1.024255 | .4453393 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0519336 | -.018590 | .1795425 | .0052358 | -.000552 | 88.53723 | .8306231 | .0066947 | .0045714 |
| #2 | .0541246 | -.017113 | .1794593 | .0048655 | -.002711 | 88.61841 | .8323289 | .0067555 | .0046050 |
| #3 | .0537111 | -.017070 | .1833152 | -.004038 | -.004052 | 89.02133 | .8357830 | .0066187 | .0046084 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.76415 | .1331687 | .1067732 | .2178543 | 173.0982 | 5.806726 | 23.74744 | .1609987 | .0010558 |
| Stddev | .04453   | .0010342 | .0007694 | .0013552 | .3051    | .020067  | .10635   | .0012858 | .0006904 |
| %RSD   | .3015995 | .7766328 | .7206184 | .6220665 | .1762808 | .3455825 | .4478491 | .7986585 | 65.38908 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.71986 | .1341116 | .1060972 | .2177946 | 172.7543 | 5.795831 | 23.62968 | .1599371 | .0006277 |
| #2 | 14.76366 | .1333319 | .1066119 | .2165299 | 173.2036 | 5.794464 | 23.77613 | .1606306 | .0006875 |
| #3 | 14.80892 | .1320626 | .1076105 | .2192383 | 173.3366 | 5.829884 | 23.83650 | .1624285 | .0018523 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.420983 | .2093554 | .4863206 | 4.294243 | -.176850 | .0000601 | .0092019 | 1.536526 | 7.293705 |
| Stddev | .004409  | .0018244 | .0016809 | .027347  | .001104  | .0002594 | .0001402 | .007401  | .070024  |
| %RSD   | .1821311 | .8714152 | .3456439 | .6368401 | .6241884 | 431.5302 | 1.523237 | .4816853 | .9600565 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.416778 | .2092821 | .4851694 | 4.265137 | -.176252 | .0002528 | .0092828 | 1.531198 | 7.322228 |
| #2 | 2.425571 | .2075688 | .4882495 | 4.319404 | -.176173 | .0001624 | .0092829 | 1.544977 | 7.344965 |
| #3 | 2.420599 | .2112153 | .4855427 | 4.298189 | -.178124 | -.000235 | .0090401 | 1.533403 | 7.213921 |

Sample Name: O2568-01      Acquired: 5/4/2023 14:31:21      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: 72-11938      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 5.269291 | .5762388 | .0968101 | -.108793 | z ***** |
| Stddev | .034586  | .0048674 | .0017572 | .000168  | -----   |
| %RSD   | .6563681 | .8446767 | 1.815072 | .1545035 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | 5.249578 | .5786680 | .0958609 | -.108621 | z 6165.769 |
| #2 | 5.249068 | .5706350 | .0988377 | -.108957 | z 6178.916 |
| #3 | 5.309226 | .5794134 | .0957316 | -.108799 | z 6172.680 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4979.542 | 92376.94 | 8571.167 | 4244.529 | 3912.917 |
| Stddev    | 22.228   | 98.58    | 33.088   | 14.957   | 26.860   |
| %RSD      | .4463869 | .1067189 | .3860414 | .3523793 | .6864529 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4992.773 | 92266.99 | 8561.534 | 4261.742 | 3930.183 |
| #2 | 4991.973 | 92457.45 | 8608.003 | 4237.143 | 3926.597 |
| #3 | 4953.879 | 92406.39 | 8543.965 | 4234.702 | 3881.970 |



Sample Name: O2569-01      Acquired: 5/4/2023 14:35:06      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ETGI-339      Custom ID2:      Custom ID3:  
Comment:

| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0643511 | -.016486 | 1.535585 | .0044994 | .0012590 | 132.5196 | .9629990 | .0087318 |
| Stddev | .0013368 | .001903  | .005591  | .0042588 | .0024918 | .1985    | .0001805 | .0000505 |
| %RSD   | 2.077302 | 11.54498 | .3640747 | 94.65458 | 197.9225 | .1498029 | .0187417 | .5783443 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0656722 | -.015510 | 1.534969 | -.000381 | .0024917 | 132.3289 | .9629157 | .0087008 |
| #2 | .0629992 | -.015268 | 1.541459 | .006415  | -.001609 | 132.5049 | .9632061 | .0087901 |
| #3 | .0643818 | -.018679 | 1.530329 | .007464  | .002894  | 132.7251 | .9628752 | .0087045 |

| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0079056 | 38.16303 | .1562110 | .0934277 | .4801483 | 189.0084 | 3.647022 | 28.45426 |
| Stddev | .0002847 | .07732   | .0003484 | .0007009 | .0015585 | .4597    | .009241  | .14576   |
| %RSD   | 3.600651 | .2026131 | .2230125 | .7501476 | .3245782 | .2432415 | .2533762 | .5122484 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0081399 | 38.08165 | .1563460 | .0936547 | .4819181 | 188.5002 | 3.637278 | 28.30125 |
| #2 | .0079879 | 38.17191 | .1558154 | .0939868 | .4795458 | 189.1298 | 3.648127 | 28.47006 |
| #3 | .0075888 | 38.23553 | .1564717 | .0926414 | .4789811 | 189.3953 | 3.655660 | 28.59148 |

| Elem   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1766847 | .0030762 | 4.330017 | .2872718 | 1.369012 | 6.248169 | -.128938 | .0037109 |
| Stddev | .0005526 | .0000888 | .003312  | .0019014 | .005105  | .040556  | .002458  | .0001390 |
| %RSD   | .3127644 | 2.885760 | .0764818 | .6618840 | .3728995 | .6490781 | 1.906554 | 3.745921 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1765329 | .0031640 | 4.328825 | .2850763 | 1.372442 | 6.288981 | -.131671 | .0038532 |
| #2 | .1772973 | .0030781 | 4.327466 | .2883816 | 1.371449 | 6.207875 | -.128237 | .0037040 |
| #3 | .1762238 | .0029865 | 4.333759 | .2883576 | 1.363145 | 6.247650 | -.126907 | .0035755 |

Sample Name: O2569-01      Acquired: 5/4/2023 14:35:06      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ETGI-339      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040     |
|-----------|----------|----------|------------|----------|----------|----------|----------|------------|
| Units     | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      | Cts/S      |
| Avg       | .0594175 | 2.638218 | F 10.33813 | 7.788516 | 2.152433 | .1284210 | .0959968 | z *****    |
| Stddev    | .0001810 | .008036  | .02420     | .034712  | .006124  | .0024336 | .0002987 | -----      |
| %RSD      | .3046423 | .3045989 | .2340839   | .4456764 | .2845093 | 1.895020 | .3111440 | -----      |
| #1        | .0595678 | 2.629984 | 10.33035   | 7.791265 | 2.152257 | .1256223 | .0963332 | z 5894.275 |
| #2        | .0594681 | 2.638629 | 10.36526   | 7.821771 | 2.158642 | .1300394 | .0958946 | z 5912.445 |
| #3        | .0592165 | 2.646041 | 10.31877   | 7.752511 | 2.146398 | .1296012 | .0957626 | z 5895.133 |
| Int. Std. | Y_2243   | Y_3600   | Y_3710     | Y_2243   | In2306   |          |          |            |
| Units     | Cts/S    | Cts/S    | Cts/S      | Cts/S    | Cts/S    |          |          |            |
| Avg       | 5162.739 | 94925.27 | 8826.318   | 4318.168 | 3836.718 |          |          |            |
| Stddev    | 11.804   | 78.63    | 21.531     | 7.399    | 9.159    |          |          |            |
| %RSD      | .2286376 | .0828370 | .2439353   | .1713499 | .2387295 |          |          |            |
| #1        | 5152.526 | 94836.62 | 8802.908   | 4312.886 | 3833.624 |          |          |            |
| #2        | 5160.029 | 94986.58 | 8845.271   | 4314.993 | 3829.507 |          |          |            |
| #3        | 5175.663 | 94952.62 | 8830.776   | 4326.625 | 3847.024 |          |          |            |

Sample Name: O2570-01      Acquired: 5/4/2023 14:38:51      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: RB-1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1686476 | -.030490 | 1.327163 | .0121764 | .0014164 | 108.8065 | .7825538 | .0104347 |
| Stddev | .0016378 | .000606  | .001376  | .0019557 | .0025900 | .0183    | .0008075 | .0001391 |
| %RSD   | .9711290 | 1.987152 | .1036608 | 16.06142 | 182.8497 | .0168360 | .1031822 | 1.332799 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1696754 | -.029954 | 1.326239 | .0134939 | .0013065 | 108.7883 | .7821627 | .0103405 |
| #2 | .1667589 | -.031147 | 1.328744 | .0099293 | -.001117 | 108.8250 | .7834823 | .0103692 |
| #3 | .1695084 | -.030369 | 1.326506 | .0131061 | .004060  | 108.8063 | .7820162 | .0105944 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0094943 | 53.87779 | .2192181 | .0645732 | .3579555 | 332.1010 | 1.508992 | 20.46681 |
| Stddev | .0003018 | .09049   | .0013430 | .0002145 | .0011522 | 1.3032   | .001517  | .04402   |
| %RSD   | 3.178897 | .1679618 | .6126427 | .3322133 | .3218768 | .3923959 | .1005380 | .2150831 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0091647 | 53.88325 | .2189604 | .0646477 | .3567666 | 333.2832 | 1.508284 | 20.51573 |
| #2 | .0095612 | 53.96543 | .2206712 | .0647405 | .3580328 | 332.3160 | 1.507959 | 20.43041 |
| #3 | .0097571 | 53.78469 | .2180225 | .0643313 | .3590671 | 330.7037 | 1.510734 | 20.45427 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1937098 | .0027298 | 3.173063 | .3332677 | 1.158158 | 9.138611 | -.340415 | .0200091 |
| Stddev | .0003208 | .0002541 | .030324  | .0018351 | .004051  | .057620  | .001972  | .0002066 |
| %RSD   | .1656162 | 9.307956 | .9556722 | .5506414 | .3498124 | .6305158 | .5791856 | 1.032259 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1940469 | .0029730 | 3.191180 | .3329399 | 1.161282 | 9.168334 | -.338144 | .0202447 |
| #2 | .1934082 | .0027502 | 3.189954 | .3352446 | 1.153580 | 9.175301 | -.341693 | .0198594 |
| #3 | .1936745 | .0024661 | 3.138055 | .3316186 | 1.159612 | 9.072199 | -.341406 | .0199232 |

Sample Name: O2570-01      Acquired: 5/4/2023 14:38:51      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: RB-1      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820            | Li6707          | Sr4077          | Ce4040            |
|-----------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|-----------------|-------------------|
| Units     | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             | ppm             | Cts/S             |
| Avg       | <b>.0247030</b> | <b>1.396080</b> | <b>7.569196</b> | <b>5.581840</b> | <b>F 154.0737</b> | <b>.0992221</b> | <b>.0318329</b> | <b>z *****</b>    |
| Stddev    | .0005803        | .000690         | .047242         | .014906         | .0779             | .0012939        | .0013865        | -----             |
| %RSD      | 2.349089        | .0494510        | .6241387        | .2670530        | .0505325          | 1.304026        | 4.355594        | -----             |
| #1        | .0243396        | 1.396659        | 7.611421        | 5.575709        | 153.9942          | .0984399        | .0306389        | <b>z 5548.780</b> |
| #2        | .0243972        | 1.396265        | 7.577995        | 5.598834        | 154.1498          | .0985108        | .0315063        | <b>z 5547.904</b> |
| #3        | .0253723        | 1.395316        | 7.518173        | 5.570976        | 154.0770          | .1007156        | .0333536        | <b>z 5549.137</b> |
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306            |                 |                 |                   |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S             |                 |                 |                   |
| Avg       | <b>4676.698</b> | <b>85855.87</b> | <b>8008.426</b> | <b>3900.368</b> | <b>3822.906</b>   |                 |                 |                   |
| Stddev    | 10.672          | 239.76          | 30.616          | 12.140          | 5.788             |                 |                 |                   |
| %RSD      | .2281981        | .2792551        | .3822960        | .3112483        | .1514112          |                 |                 |                   |
| #1        | 4664.827        | 85580.40        | 8028.226        | 3890.794        | 3816.388          |                 |                 |                   |
| #2        | 4679.770        | 85969.73        | 8023.891        | 3914.022        | 3824.883          |                 |                 |                   |
| #3        | 4685.497        | 86017.48        | 7973.163        | 3896.287        | 3827.447          |                 |                 |                   |

Sample Name: O2571-01      Acquired: 5/4/2023 14:42:35      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: OE-3-050123      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0347357 | -.015651 | .1934049 | .0013131 | -.002904 | 130.9770 | .5878204 | .0077572 | .0050725 |
| Stddev | .0011983 | .000980  | .0006075 | .0020340 | .000985  | .0656    | .0005496 | .0001824 | .0002836 |
| %RSD   | 3.449655 | 6.260484 | .3140807 | 154.9052 | 33.91548 | .0501152 | .0934938 | 2.351001 | 5.591904 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0355644 | -.016449 | .1936606 | .0003447 | -.003419 | 130.9144 | .5880080 | .0077721 | .0053656 |
| #2 | .0352810 | -.014557 | .1938428 | .0036504 | -.001768 | 131.0453 | .5872016 | .0075678 | .0050524 |
| #3 | .0333618 | -.015947 | .1927115 | -.000056 | -.003524 | 130.9714 | .5882517 | .0079317 | .0047994 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 74.93164 | .1701032 | .1254083 | .2640902 | 189.5375 | 5.061199 | 41.16688 | .2150625 | .0021519 |
| Stddev | .04307   | .0011761 | .0006140 | .0027423 | .8123    | .005040  | .03823   | .0014816 | .0001783 |
| %RSD   | .0574785 | .6914323 | .4896423 | 1.038385 | .4285696 | .0995910 | .0928753 | .6889057 | 8.287200 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 74.88358 | .1688674 | .1259691 | .2671558 | 188.6352 | 5.058171 | 41.12290 | .2167674 | .0020204 |
| #2 | 74.96676 | .1702333 | .1255035 | .2632440 | 189.7670 | 5.058408 | 41.18545 | .2143331 | .0023548 |
| #3 | 74.94457 | .1712088 | .1247522 | .2618707 | 190.2104 | 5.067017 | 41.19227 | .2140871 | .0020804 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.74903 | .3540162 | .4359724 | 7.147956 | -.186356 | .0009933 | .0138423 | 3.281845 | 8.372961 |
| Stddev | .02061   | .0038616 | .0010122 | .015435  | .000546  | .0003149 | .0005416 | .007119  | .025745  |
| %RSD   | .1917349 | 1.090787 | .2321648 | .2159397 | .2929164 | 31.70494 | 3.912975 | .2169343 | .3074801 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.72553 | .3496138 | .4369207 | 7.136665 | -.186927 | .0011539 | .0132549 | 3.274085 | 8.374826 |
| #2 | 10.75756 | .3568305 | .4360897 | 7.141658 | -.186302 | .0011956 | .0139500 | 3.288075 | 8.346334 |
| #3 | 10.76401 | .3556043 | .4349066 | 7.165544 | -.185839 | .0006305 | .0143220 | 3.283375 | 8.397722 |

Sample Name: O2571-01      Acquired: 5/4/2023 14:42:35      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: OE-3-050123      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.439071 | 3.016266 | .1113522 | .1586340 | z ***** |
| Stddev | .034914  | .020843  | .0007366 | .0006989 | -----   |
| %RSD   | .7865267 | .6910092 | .6615118 | .4405550 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | 4.477751 | 3.033606 | .1119761 | .1593692 | z 5748.406 |
| #2 | 4.429575 | 3.022050 | .1105396 | .1585543 | z 5755.815 |
| #3 | 4.409886 | 2.993142 | .1115411 | .1579783 | z 5770.651 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4833.115 | 89845.04 | 8256.000 | 4052.343 | 3733.106 |
| Stddev    | 21.712   | 175.78   | 11.936   | 13.318   | 24.390   |
| %RSD      | .4492272 | .1956493 | .1445761 | .3286547 | .6533414 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4808.193 | 90048.02 | 8245.038 | 4038.835 | 3705.665 |
| #2 | 4843.216 | 89744.38 | 8254.247 | 4052.731 | 3741.339 |
| #3 | 4847.936 | 89742.74 | 8268.716 | 4065.463 | 3752.314 |

Sample Name: O2572-01      Acquired: 5/4/2023 14:46:21      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: RBR-251671      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1392606 | -.013644 | .5451062 | .0039314 | -.000753 | 87.12510 | .5549513 | .0062271 | .0060006 |
| Stddev | .0015130 | .000323  | .0030239 | .0028283 | .001371  | .10389   | .0006509 | .0000632 | .0000828 |
| %RSD   | 1.086466 | 2.369194 | .5547351 | 71.94259 | 182.1515 | .1192396 | .1172899 | 1.015419 | 1.379743 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1378711 | -.013936 | .5438734 | .0010720 | -.000870 | 87.01139 | .5542075 | .0062125 | .0059585 |
| #2 | .1408725 | -.013698 | .5428934 | .0039946 | .000673  | 87.14884 | .5552295 | .0061725 | .0060960 |
| #3 | .1390381 | -.013297 | .5485517 | .0067276 | -.002062 | 87.21505 | .5554169 | .0062964 | .0059473 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 189.1721 | .2055403 | .0910150 | .3490815 | 165.4832 | 3.857873 | 75.43502 | .1686790 | .0013696 |
| Stddev | .2969    | .0007057 | .0001025 | .0005980 | .7518    | .009215  | .24653   | .0005587 | .0005019 |
| %RSD   | .1569258 | .3433215 | .1126227 | .1713086 | .4542901 | .2388508 | .3268154 | .3312270 | 36.64323 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 188.8758 | .2048189 | .0909825 | .3493887 | 164.9586 | 3.851914 | 75.23977 | .1687052 | .0016049 |
| #2 | 189.1711 | .2055727 | .0909328 | .3483923 | 166.3445 | 3.853219 | 75.35325 | .1692241 | .0017106 |
| #3 | 189.4695 | .2062291 | .0911299 | .3494634 | 165.1467 | 3.868487 | 75.71205 | .1681076 | .0007933 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.102753 | .2516722 | 1.401454 | 8.067463 | -.155676 | .0121680 | .0257291 | 2.147704 | 1.775547 |
| Stddev | .012347  | .0016456 | .002598  | .021973  | .001414  | .0002031 | .0008358 | .003051  | .009090  |
| %RSD   | .5871706 | .6538775 | .1853811 | .2723598 | .9084736 | 1.668761 | 3.248378 | .1420664 | .5119415 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.107291 | .2524386 | 1.404030 | 8.084824 | -.155634 | .0120257 | .0249191 | 2.148340 | 1.765536 |
| #2 | 2.112189 | .2497832 | 1.398835 | 8.074805 | -.154284 | .0124005 | .0265885 | 2.150386 | 1.783284 |
| #3 | 2.088780 | .2527949 | 1.401496 | 8.042759 | -.157111 | .0120777 | .0256797 | 2.144384 | 1.777820 |

Sample Name: O2572-01      Acquired: 5/4/2023 14:46:21      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: RBR-251671      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 5.999400 | 6.107183 | .1536593 | .1957442 | z ***** |
| Stddev | .003715  | .006398  | .0038431 | .0012450 | -----   |
| %RSD   | .0619308 | .1047659 | 2.501024 | .6360073 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | 6.001464 | 6.101828 | .1521869 | .1959321 | z 5776.434 |
| #2 | 5.995111 | 6.114268 | .1580209 | .1944160 | z 5772.491 |
| #3 | 6.001625 | 6.105452 | .1507702 | .1968846 | z 5777.057 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4744.145 | 87434.34 | 8303.545 | 3964.234 | 3639.328 |
| Stddev    | 1.693    | 82.77    | 34.334   | 6.659    | 2.184    |
| %RSD      | .0356906 | .0946663 | .4134803 | .1679689 | .0600228 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4744.028 | 87472.28 | 8302.610 | 3963.597 | 3640.589 |
| #2 | 4745.894 | 87339.40 | 8338.336 | 3957.917 | 3636.806 |
| #3 | 4742.514 | 87491.35 | 8269.688 | 3971.188 | 3640.590 |



Sample Name: O2572-03      Acquired: 5/4/2023 14:50:08      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: RT2343      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0835093 | -.019031 | 6.150658 | .0060657 | -.001253 | 135.7912 | .6999811 | .0083633 | .0081885 |
| Stddev | .0042898 | .001065  | .006271  | .0015962 | .000766  | .9394    | .0050248 | .0000511 | .0001117 |
| %RSD   | 5.136878 | 5.597956 | .1019575 | 26.31476 | 61.17176 | .6918114 | .7178428 | .6113243 | 1.363712 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0815561 | -.019906 | 6.143418 | .0057540 | -.002136 | 135.0650 | .6950179 | .0083381 | .0082586 |
| #2 | .0805438 | -.019343 | 6.154363 | .0077948 | -.000771 | 136.8521 | .7050652 | .0084222 | .0082472 |
| #3 | .0884281 | -.017845 | 6.154193 | .0046484 | -.000851 | 135.4564 | .6998602 | .0083297 | .0080597 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 60.22005 | .2040563 | .1077670 | .3737047 | 206.8191 | 4.972148 | 46.52009 | .2209562 | .0022021 |
| Stddev | .53649   | .0011497 | .0001980 | .0010708 | 1.1687   | .030332  | .30806   | .0004268 | .0003001 |
| %RSD   | .8908877 | .5634206 | .1836908 | .2865323 | .5650661 | .6100327 | .6622162 | .1931650 | 13.62941 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 59.78442 | .2049010 | .1077202 | .3740464 | 206.1216 | 4.944638 | 46.31842 | .2204634 | .0018950 |
| #2 | 60.81930 | .2045208 | .1079842 | .3725048 | 208.1683 | 5.004676 | 46.87470 | .2212053 | .0024947 |
| #3 | 60.05642 | .2027470 | .1075967 | .3745630 | 206.1674 | 4.967129 | 46.36715 | .2211999 | .0022166 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.886494 | .2939675 | 1.221292 | 6.779813 | -.200905 | .0034714 | .0936020 | 2.437153 | 9.685999 |
| Stddev | .022982  | .0024335 | .004466  | .061947  | .002860  | .0004421 | .0003184 | .022243  | .088202  |
| %RSD   | .7961894 | .8277999 | .3657166 | .9136913 | 1.423574 | 12.73443 | .3401598 | .9126540 | .9106166 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.869389 | .2928131 | 1.216170 | 6.718137 | -.198589 | .0039710 | .0933350 | 2.416649 | 9.660007 |
| #2 | 2.912617 | .2967633 | 1.223336 | 6.842027 | -.200025 | .0031309 | .0935166 | 2.460800 | 9.784277 |
| #3 | 2.877476 | .2923261 | 1.224372 | 6.779273 | -.204102 | .0033124 | .0939544 | 2.434010 | 9.613713 |

Sample Name: O2572-03      Acquired: 5/4/2023 14:50:08      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: RT2343      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 6.848535 | 1.618134 | .1380763 | .0025648 | z ***** |
| Stddev | .017465  | .004094  | .0016563 | .0004191 | -----   |
| %RSD   | .2550251 | .2530005 | 1.199581 | 16.33942 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | 6.835876 | 1.617830 | .1391236 | .0020828 | z 6213.393 |
| #2 | 6.841269 | 1.614200 | .1389385 | .0027685 | z 6193.138 |
| #3 | 6.868461 | 1.622371 | .1361667 | .0028430 | z 6208.748 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4988.943 | 91207.46 | 8600.512 | 4182.193 | 3757.848 |
| Stddev    | 10.675   | 217.94   | 3.539    | 15.773   | 5.726    |
| %RSD      | .2139651 | .2389504 | .0411440 | .3771546 | .1523703 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4977.744 | 91099.50 | 8603.054 | 4200.324 | 3753.155 |
| #2 | 4999.001 | 91064.58 | 8596.471 | 4171.632 | 3764.228 |
| #3 | 4990.083 | 91458.31 | 8602.011 | 4174.621 | 3756.161 |

Sample Name: O2495-01      Acquired: 5/4/2023 14:53:54      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: PZ-01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0121176 | -.002921 | .4768296 | -.000015 | .0069384 | 5.302753 | 1.090466 | .0006331 |
| Stddev | .0003645 | .000182  | .0007227 | .003892  | .0003301 | .031979  | .010006  | .0000391 |
| %RSD   | 3.007871 | 6.230009 | .1515625 | 26474.56 | 4.758081 | .6030679 | .9176030 | 6.175477 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0124793 | -.002822 | .4761984 | -.004482 | .0068445 | 5.265886 | 1.079236 | .0006695 |
| #2 | .0121230 | -.003131 | .4766726 | .001792  | .0066654 | 5.322986 | 1.093725 | .0005918 |
| #3 | .0117504 | -.002809 | .4776180 | .002646  | .0073053 | 5.319389 | 1.098435 | .0006381 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0059273 | 257.8444 | .0235796 | .0071650 | .7012799 | 28.00397 | 1.521609 | 26.28009 |
| Stddev | .0000801 | 2.2551   | .0013723 | .0000388 | .0022391 | .16921   | .014645  | .26986   |
| %RSD   | 1.351991 | .8745840 | 5.820055 | .5421351 | .3192815 | .6042446 | .9624885 | 1.026863 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0060148 | 255.3439 | .0228169 | .0071737 | .7038445 | 27.80927 | 1.505519 | 26.00334 |
| #2 | .0058574 | 258.4651 | .0227579 | .0071988 | .7002819 | 28.08710 | 1.525149 | 26.29444 |
| #3 | .0059099 | 259.7240 | .0251638 | .0071226 | .6997134 | 28.11554 | 1.534160 | 26.54249 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0425069 | .0028648 | 53.01992 | .0171749 | 1.183740 | 33.27967 | .4122184 | .0080099 |
| Stddev | .0001820 | .0002715 | .35415   | .0026465 | .002826  | .18089   | .0027797 | .0001304 |
| %RSD   | .4280484 | 9.476505 | .6679624 | 15.40892 | .2386973 | .5435326 | .6743348 | 1.627524 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0426463 | .0028734 | 52.66425 | .0146498 | 1.180533 | 33.08164 | .4116524 | .0081079 |
| #2 | .0423011 | .0031319 | 53.37254 | .0199280 | 1.185865 | 33.43621 | .4097653 | .0078620 |
| #3 | .0425732 | .0025892 | 53.02297 | .0169469 | 1.184821 | 33.32114 | .4152376 | .0080600 |

Sample Name: O2495-01      Acquired: 5/4/2023 14:53:54      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: PZ-01      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   | Sr4077   | Ce4040     |
|-----------|----------|----------|------------|----------|------------|----------|----------|------------|
| Units     | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      | ppm      | Cts/S      |
| Avg       | .0985591 | .1198700 | F 28.95957 | 1.334926 | F 20.68479 | .1206274 | 1.295788 | z *****    |
| Stddev    | .0010812 | .0017266 | .22556     | .002013  | .02239     | .0026557 | .011533  | -----      |
| %RSD      | 1.097009 | 1.440433 | .7788805   | .1508153 | .1082646   | 2.201594 | .8900620 | -----      |
| #1        | .0976760 | .1194847 | 28.70056   | 1.334717 | 20.70746   | .1181246 | 1.282686 | z 4167.665 |
| #2        | .0997649 | .1217568 | 29.11276   | 1.333025 | 20.66268   | .1203442 | 1.300274 | z 4192.893 |
| #3        | .0982364 | .1183686 | 29.06540   | 1.337035 | 20.68424   | .1234133 | 1.304404 | z 4192.162 |
| Int. Std. | Y_2243   | Y_3600   | Y_3710     | Y_2243   | In2306     |          |          |            |
| Units     | Cts/S    | Cts/S    | Cts/S      | Cts/S    | Cts/S      |          |          |            |
| Avg       | 3991.416 | 73853.33 | 7103.420   | 3301.578 | 3563.779   |          |          |            |
| Stddev    | 27.342   | 70.82    | 29.260     | 12.280   | 15.100     |          |          |            |
| %RSD      | .6850180 | .0958951 | .4119140   | .3719464 | .4237053   |          |          |            |
| #1        | 3961.344 | 73771.83 | 7115.414   | 3297.334 | 3547.223   |          |          |            |
| #2        | 3998.125 | 73888.30 | 7124.777   | 3291.982 | 3567.322   |          |          |            |
| #3        | 4014.779 | 73899.87 | 7070.069   | 3315.417 | 3576.793   |          |          |            |

Sample Name: O2495-02      Acquired: 5/4/2023 14:57:45      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: PZ-01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0020013 | -.000300 | .0005054 | -.002805 | .0012623 | .2471572 | .8576584 | -.000010 |
| Stddev | .0021630 | .000032  | .0005459 | .002277  | .0012186 | .0033618 | .0062187 | .000022  |
| %RSD   | 108.0816 | 10.63546 | 108.0170 | 81.16361 | 96.53234 | 1.360192 | .7250779 | 225.2609 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000069 | -.000325 | -.000038 | -.001738 | .0020954 | .2487117 | .8510530 | -.000030 |
| #2 | .004247  | -.000311 | .000500  | -.001258 | -.000136 | .2494604 | .8585219 | .000014  |
| #3 | .001826  | -.000264 | .001054  | -.005420 | .001828  | .2432995 | .8634002 | -.000014 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000857 | 234.5380 | .0009702 | .0016173 | .0508109 | 1.291435 | .8660907 | 25.72786 |
| Stddev | .0000349 | 2.0855   | .0004804 | .0002625 | .0003911 | .003713  | .0063077 | .24794   |
| %RSD   | 40.64819 | .8891898 | 49.52149 | 16.22838 | .7696809 | .2875124 | .7282989 | .9636960 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000509 | 232.1545 | .0006409 | .0013202 | .0503720 | 1.289416 | .8588701 | 25.44186 |
| #2 | .0000858 | 235.4322 | .0007482 | .0017140 | .0509384 | 1.289168 | .8688732 | 25.85969 |
| #3 | .0001206 | 236.0272 | .0015214 | .0018177 | .0511224 | 1.295720 | .8705287 | 25.88204 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0144958 | -.000277 | 57.95425 | .0017326 | .0708390 | 31.75510 | .4668810 | .0027982 |
| Stddev | .0003844 | .000245  | .09117   | .0006420 | .0005668 | .01498   | .0036891 | .0003441 |
| %RSD   | 2.651542 | 88.39182 | .1573152 | 37.05078 | .8001292 | .0471788 | .7901635 | 12.29709 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0140847 | -.000042 | 57.85082 | .0010510 | .0714834 | 31.76626 | .4629625 | .0024021 |
| #2 | .0148462 | -.000530 | 57.98895 | .0018211 | .0706156 | 31.73807 | .4673932 | .0029695 |
| #3 | .0145566 | -.000258 | 58.02297 | .0023258 | .0704179 | 31.76096 | .4702872 | .0030230 |

Sample Name: O2495-02      Acquired: 5/4/2023 14:57:45      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: PZ-01      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   | Sr4077   | Ce4040     |
|-----------|----------|----------|------------|----------|------------|----------|----------|------------|
| Units     | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      | ppm      | Cts/S      |
| Avg       | .0002121 | .0046295 | F 23.42775 | .0222347 | F 14.38980 | .1138855 | 1.253460 | z *****    |
| Stddev    | .0007451 | .0005554 | .06709     | .0040336 | .15363     | .0037469 | .008666  | -----      |
| %RSD      | 351.2609 | 11.99624 | .2863566   | 18.14098 | 1.067607   | 3.290077 | .6913421 | -----      |
| #1        | -.000022 | .0052667 | 23.35646   | .0179655 | 14.21243   | .1101738 | 1.244283 | z 4030.342 |
| #2        | .001046  | .0043742 | 23.43715   | .0227567 | 14.47616   | .1176667 | 1.254594 | z 4040.333 |
| #3        | -.000388 | .0042477 | 23.48964   | .0259818 | 14.48082   | .1138160 | 1.261503 | z 4045.820 |
| Int. Std. | Y_2243   | Y_3600   | Y_3710     | Y_2243   | In2306     |          |          |            |
| Units     | Cts/S    | Cts/S    | Cts/S      | Cts/S    | Cts/S      |          |          |            |
| Avg       | 4080.951 | 75979.54 | 7144.042   | 3390.526 | 3703.313   |          |          |            |
| Stddev    | 35.954   | 397.58   | 9.489      | 22.582   | 33.691     |          |          |            |
| %RSD      | .8810166 | .5232699 | .1328248   | .6660273 | .9097639   |          |          |            |
| #1        | 4122.450 | 75524.35 | 7154.257   | 3364.855 | 3742.186   |          |          |            |
| #2        | 4059.163 | 76155.51 | 7142.367   | 3407.325 | 3682.547   |          |          |            |
| #3        | 4061.241 | 76258.77 | 7135.501   | 3399.397 | 3685.205   |          |          |            |

Sample Name: O2582-01      Acquired: 5/4/2023 15:01:40      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0580686 | -.052421 | .2825732 | .0131625 | -.003141 | 172.7775 | .6483140 | .0151430 | .0296318 |
| Stddev | .0008647 | .002189  | .0022649 | .0008890 | .000342  | 1.2740   | .0001716 | .0000760 | .0002718 |
| %RSD   | 1.489141 | 4.175744 | .8015194 | 6.753988 | 10.89658 | .7373869 | .0264627 | .5019479 | .9171242 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0571857 | -.053779 | .2850355 | .0136080 | -.003035 | 171.4935 | .6483702 | .0152308 | .0298528 |
| #2 | .0589139 | -.049896 | .2805788 | .0121388 | -.002865 | 172.7977 | .6481214 | .0150994 | .0297143 |
| #3 | .0581061 | -.053587 | .2821054 | .0137406 | -.003524 | 174.0413 | .6484504 | .0150988 | .0293284 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.73418 | .1840941 | .2333653 | .2516247 | 372.7131 | 4.079297 | 28.79716 | .2144243 | .0029113 |
| Stddev | .03975   | .0005080 | .0015001 | .0019532 | 1.9594   | .010539  | .05430   | .0015286 | .0001012 |
| %RSD   | .1606917 | .2759432 | .6428221 | .7762509 | .5257040 | .2583585 | .1885570 | .7128648 | 3.476126 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.74185 | .1846804 | .2335657 | .2538782 | 371.1318 | 4.073132 | 28.85721 | .2156283 | .0028600 |
| #2 | 24.76953 | .1837868 | .2347551 | .2505776 | 374.9051 | 4.073291 | 28.75152 | .2149399 | .0030278 |
| #3 | 24.69116 | .1838150 | .2317750 | .2504183 | 372.1024 | 4.091466 | 28.78275 | .2127046 | .0028459 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.867708 | .5531872 | .4557958 | 7.146647 | -.054441 | .0070268 | .0173693 | 7.018942 | 2.278034 |
| Stddev | .061549  | .0020719 | .0025013 | .056634  | .003024  | .0001567 | .0005708 | .013793  | .044190  |
| %RSD   | .6940786 | .3745478 | .5487718 | .7924496 | 5.555119 | 2.230309 | 3.286244 | .1965094 | 1.939849 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.915604 | .5542064 | .4532900 | 7.187907 | -.052534 | .0069444 | .0180173 | 7.032465 | 2.325869 |
| #2 | 8.889232 | .5545522 | .4558049 | 7.169955 | -.052861 | .0072075 | .0169407 | 7.019466 | 2.269499 |
| #3 | 8.798287 | .5508031 | .4582925 | 7.082078 | -.057928 | .0069285 | .0171501 | 7.004894 | 2.238734 |

Sample Name: O2582-01      Acquired: 5/4/2023 15:01:40      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 7.825680 | 2.852730 | .0665160 | -.253832 | z ***** |
| Stddev | .027945  | .008649  | .0014586 | .002187  | -----   |
| %RSD   | .3570994 | .3031880 | 2.192839 | .8615888 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | 7.843314 | 2.848761 | .0654894 | -.252300 | z 11798.38 |
| #2 | 7.840267 | 2.862652 | .0681856 | -.256337 | z 11805.37 |
| #3 | 7.793460 | 2.846779 | .0658730 | -.252859 | z 11828.44 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 7070.989 | 128972.8 | 12343.12 | 5914.237 | 3693.667 |
| Stddev    | 2.378    | 17.2     | 68.87    | 18.763   | 8.904    |
| %RSD      | .0336374 | .0133185 | .5579668 | .3172589 | .2410654 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7068.500 | 128967.4 | 12384.86 | 5935.901 | 3690.588 |
| #2 | 7071.229 | 128992.0 | 12380.87 | 5903.694 | 3686.710 |
| #3 | 7073.239 | 128958.9 | 12263.63 | 5903.116 | 3703.702 |



Sample Name: CCV02      Acquired: 5/4/2023 15:05:42      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV20377      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          | Be2348          | Cd2265          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.954613</b> | <b>4.952112</b> | <b>4.972774</b> | <b>5.072160</b> | <b>5.117355</b> | <b>9.695444</b> | <b>10.08159</b> | <b>.2419727</b> | <b>2.422610</b> |
| Stddev | .015069         | .013382         | .017332         | .018238         | .016752         | .036336         | .10469          | .0011308        | .009794         |
| %RSD   | .3041362        | .2702261        | .3485385        | .3595750        | .3273572        | .3747708        | 1.038474        | .4673148        | .4042542        |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.971207 | 4.967350 | 4.988124 | 5.083031 | 5.129238 | 9.662012 | 10.00025 | .2406707 | 2.432878 |
| #2 | 4.950850 | 4.946715 | 4.976219 | 5.082344 | 5.124632 | 9.690203 | 10.19971 | .2425382 | 2.421579 |
| #3 | 4.941783 | 4.942272 | 4.953978 | 5.051104 | 5.098195 | 9.734115 | 10.04480 | .2427092 | 2.413372 |

|        |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>23.88470</b> | <b>.9627725</b> | <b>2.483594</b> | <b>1.269172</b> | <b>4.986787</b> | <b>2.565692</b> | <b>24.95291</b> | <b>2.515708</b> | <b>1.354690</b> |
| Stddev | .07727          | .0026146        | .007511         | .004426         | .013934         | .010088         | .04629          | .005341         | .001617         |
| %RSD   | .3235288        | .2715720        | .3024408        | .3487517        | .2794226        | .3931724        | .1855171        | .2122904        | .1193299        |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.80576 | .9600129 | 2.491231 | 1.271959 | 4.995187 | 2.554052 | 25.00385 | 2.521680 | 1.352839 |
| #2 | 23.96019 | .9630918 | 2.483337 | 1.271488 | 4.970702 | 2.571119 | 24.91342 | 2.514056 | 1.355403 |
| #3 | 23.88815 | .9652128 | 2.476215 | 1.264068 | 4.994472 | 2.571903 | 24.94146 | 2.511389 | 1.355827 |

|        |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>24.62291</b> | <b>2.433544</b> | <b>2.540864</b> | <b>24.85971</b> | <b>5.110563</b> | <b>4.979712</b> | <b>4.824024</b> | <b>4.870638</b> | <b>4.823249</b> |
| Stddev | .05619          | .009970         | .004483         | .01630          | .020168         | .019895         | .019958         | .011717         | .034856         |
| %RSD   | .2282030        | .4096767        | .1764397        | .0655616        | .3946380        | .3995119        | .4137168        | .2405735        | .7226728        |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.68714 | 2.425948 | 2.536042 | 24.85521 | 5.087305 | 4.997636 | 4.843063 | 4.862554 | 4.787215 |
| #2 | 24.59874 | 2.429851 | 2.544905 | 24.87779 | 5.123232 | 4.983192 | 4.825750 | 4.884076 | 4.825739 |
| #3 | 24.58285 | 2.444833 | 2.541647 | 24.84614 | 5.121151 | 4.958306 | 4.803259 | 4.865284 | 4.856794 |

Sample Name: CCV02      Acquired: 5/4/2023 15:05:42      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV20377      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 5.024091 | 4.954157 | 4.787384 | 5.213642 | z ***** |
| Stddev | .021438  | .017202  | .004308  | .044951  | -----   |
| %RSD   | .4266953 | .3472180 | .0899762 | .8621784 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | 5.048192 | 4.972336 | 4.782554 | 5.162617 | z 3931.563 |
| #2 | 5.016933 | 4.952000 | 4.788774 | 5.230913 | z 3951.648 |
| #3 | 5.007149 | 4.938136 | 4.790826 | 5.247396 | z 3951.215 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4246.617 | 78083.06 | 7285.299 | 3524.655 | 3799.215 |
| Stddev    | 20.755   | 41.48    | 26.971   | 4.923    | 18.685   |
| %RSD      | .4887518 | .0531289 | .3702157 | .1396837 | .4918066 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4225.023 | 78083.42 | 7315.612 | 3528.410 | 3778.705 |
| #2 | 4248.410 | 78041.40 | 7263.955 | 3519.081 | 3803.673 |
| #3 | 4266.418 | 78124.37 | 7276.329 | 3526.474 | 3815.268 |

Sample Name: CCB02      Acquired: 5/4/2023 15:09:36      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB20377      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005792 | .0005299 | .0009799 | -.001846 | -.000774 | -.005768 | .0017934 | .0000421 | .0000282 |
| Stddev | .0014052 | .0007253 | .0005160 | .002501  | .000748  | .005295  | .0002720 | .0000375 | .0000110 |
| %RSD   | 242.5957 | 136.8879 | 52.65748 | 135.4632 | 96.52624 | 91.79532 | 15.16875 | 89.08276 | 38.88933 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000786 | -.000159 | .0015754 | .001038  | -.000749 | -.011601 | .0014995 | .0000213 | .0000189 |
| #2 | .002021  | .001287  | .0006666 | -.003415 | -.000040 | -.001266 | .0018442 | .0000853 | .0000256 |
| #3 | .000503  | .000461  | .0006977 | -.003163 | -.001535 | -.004437 | .0020363 | .0000196 | .0000403 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0031440 | .0000306 | .0000124 | -.000134 | -.002128 | -.000089 | -.005828 | .0000468 | -.000337 |
| Stddev | .0125447 | .0000860 | .0000896 | .000156  | .002907  | .000238  | .024216  | .0000144 | .000281  |
| %RSD   | 399.0044 | 281.2733 | 723.9198 | 117.0737 | 136.6014 | 266.1164 | 415.5094 | 30.68452 | 83.45192 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0084290 | -.000052 | -.000089 | -.000202 | -.002281 | -.000021 | .010507  | .0000491 | -.000272 |
| #2 | .0121815 | .000120  | .000044  | .000045  | -.004956 | -.000354 | .005659  | .0000598 | -.000094 |
| #3 | -.011178 | .000024  | .000082  | -.000244 | .000852  | .000107  | -.033650 | .0000314 | -.000645 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.090884 | -.001458 | -.000334 | -.046473 | .0109478 | .0012636 | -.000212 | .0102293 | -.008781 |
| Stddev | .009609  | .002414  | .000356  | .010162  | .0011243 | .0004199 | .000108  | .0018351 | .014626  |
| %RSD   | 10.57310 | 165.6409 | 106.7156 | 21.86617 | 10.26991 | 33.23050 | 50.77551 | 17.93949 | 166.5539 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.085690 | -.001077 | -.000644 | -.040650 | .0122327 | .0016735 | -.000226 | .0082106 | -.011434 |
| #2 | -.101972 | -.004039 | .000055  | -.058206 | .0101443 | .0012830 | -.000312 | .0117966 | .006989  |
| #3 | -.084989 | .000744  | -.000412 | -.040561 | .0104665 | .0008343 | -.000098 | .0106808 | -.021899 |

Sample Name: CCB02      Acquired: 5/4/2023 15:09:36      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB20377      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0003647 | -.005580 | -.002057 | .0001054 | z ***** |
| Stddev | .0007749 | .001139  | .001975  | .0000348 | -----   |
| %RSD   | 212.4959 | 20.41627 | 96.02700 | 32.97878 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | .0012319 | -.006734 | -.000199 | .0000928 | z 3651.896 |
| #2 | -.000260 | -.004456 | -.001840 | .0001447 | z 3657.825 |
| #3 | .000122  | -.005551 | -.004132 | .0000787 | z 3661.448 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4422.595 | 81963.82 | 7279.358 | 3694.307 | 4292.736 |
| Stddev    | 1.394    | 57.26    | 29.642   | 3.865    | 2.558    |
| %RSD      | .0315202 | .0698651 | .4072094 | .1046082 | .0595803 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4421.006 | 81901.65 | 7291.747 | 3689.845 | 4290.189 |
| #2 | 4423.168 | 82014.40 | 7245.531 | 3696.450 | 4295.304 |
| #3 | 4423.611 | 81975.42 | 7300.796 | 3696.624 | 4292.716 |

Sample Name: PB152448BL      Acquired: 5/4/2023 15:13:38      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004442 | -.000464 | .0010134 | -.001122 | -.000471 | -.004809 | .0021367 | .0000435 | .0000103 |
| Stddev | .0011889 | .002013  | .0006913 | .002353  | .000524  | .001520  | .0004147 | .0001123 | .0000531 |
| %RSD   | 267.6532 | 433.4808 | 68.21519 | 209.7525 | 111.3191 | 31.60131 | 19.40588 | 258.3543 | 517.2205 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000302 | -.000657 | .0017917 | -.000398 | -.000525 | -.006556 | .0024788 | .0001509 | -.000017 |
| #2 | -.000181 | .001638  | .0007777 | .000784  | .000078  | -.004067 | .0016756 | -.000073 | .000071  |
| #3 | .001815  | -.002375 | .0004708 | -.003752 | -.000966 | -.003802 | .0022557 | .000053  | -.000024 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005016 | -.000157 | -.000151 | -.000406 | -.003995 | -.000036 | -.008899 | -.000219 | -.000295 |
| Stddev | .004719  | .000116  | .000048  | .000508  | .004059  | .000196  | .011714  | .000133  | .000134  |
| %RSD   | 94.06980 | 73.66515 | 31.44386 | 125.0830 | 101.5975 | 546.6448 | 131.6399 | 60.65058 | 45.36788 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000257  | -.000048 | -.000164 | .000160  | -.005398 | -.000101 | -.022425 | -.000081 | -.000147 |
| #2 | -.006465 | -.000146 | -.000099 | -.000555 | .000579  | -.000190 | -.002171 | -.000231 | -.000328 |
| #3 | -.008841 | -.000279 | -.000191 | -.000822 | -.007168 | .000184  | -.002100 | -.000346 | -.000408 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.105183 | .0000857 | -.000612 | -.068884 | .0023864 | -.000092 | .0000339 | .0100217 | -.021187 |
| Stddev | .010666  | .0015480 | .000200  | .010703  | .0009024 | .000121  | .0002293 | .0000722 | .012060  |
| %RSD   | 10.14042 | 1806.627 | 32.72344 | 15.53721 | 37.81359 | 131.5042 | 676.0033 | .7202747 | 56.92133 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.117412 | .0018622 | -.000382 | -.069783 | .0020580 | -.000228 | -.000008 | .0100495 | -.022180 |
| #2 | -.097802 | -.000632 | -.000707 | -.079110 | .0034070 | .000003  | .000281  | .0100758 | -.008662 |
| #3 | -.100336 | -.000973 | -.000747 | -.057761 | .0016942 | -.000051 | -.000172 | .0099397 | -.032720 |

Sample Name: PB152448BL      Acquired: 5/4/2023 15:13:38      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0000645 | -.002976 | -.000127 | -.000006 | z ***** |
| Stddev | .0025761 | .001293  | .005984  | .000032  | -----   |
| %RSD   | 3994.929 | 43.45072 | 4719.395 | 526.7641 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | .0001558 | -.004438 | .006472  | .000018  | z 3641.003 |
| #2 | .0025937 | -.002510 | -.005199 | .000006  | z 3642.235 |
| #3 | -.002556 | -.001981 | -.001654 | -.000042 | z 3647.986 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4366.051 | 81598.93 | 7342.635 | 3658.257 | 4248.653 |
| Stddev    | 17.092   | 246.83   | 117.011  | 6.840    | 11.948   |
| %RSD      | .3914803 | .3024977 | 1.593580 | .1869710 | .2812155 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4346.626 | 81834.60 | 7248.345 | 3665.762 | 4235.150 |
| #2 | 4372.740 | 81342.27 | 7305.973 | 3656.636 | 4252.959 |
| #3 | 4378.788 | 81619.91 | 7473.586 | 3652.373 | 4257.852 |

Sample Name: PB152448BS      Acquired: 5/4/2023 15:17:39      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7947815 | 1.917250 | .9625092 | 1.989431 | .7746814 | 2.058094 | .2161591 | .2055585 | .1856310 |
| Stddev | .0029405 | .012535  | .0064419 | .007614  | .0034829 | .206004  | .0211719 | .0167049 | .0012020 |
| %RSD   | .3699813 | .6537931 | .6692796 | .3827020 | .4495856 | 10.00944 | 9.794597 | 8.126592 | .6475043 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7950654 | 1.924134 | .9619675 | 1.995327 | .7777218 | 2.295964 | .2406032 | .2248355 | .1854063 |
| #2 | .7917094 | 1.902781 | .9563553 | 1.980835 | .7708814 | 1.938193 | .2042786 | .1965133 | .1845573 |
| #3 | .7975699 | 1.924834 | .9692049 | 1.992130 | .7754409 | 1.940125 | .2035957 | .1953267 | .1869295 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.035148 | .3756136 | .1872760 | .3069601 | 2.922675 | .2202961 | 2.075560 | .4763798 | .0762793 |
| Stddev | .100616  | .0049194 | .0011457 | .0018667 | .074967  | .0205259 | .201439  | .0034388 | .0007431 |
| %RSD   | 9.719976 | 1.309683 | .6117761 | .6081319 | 2.565003 | 9.317422 | 9.705293 | .7218607 | .9742084 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.149824 | .3808410 | .1872175 | .3066938 | 3.009093 | .2439621 | 2.307774 | .4769615 | .0766352 |
| #2 | .993952  | .3749249 | .1861606 | .3052409 | 2.883831 | .2095815 | 1.971086 | .4726873 | .0767775 |
| #3 | .961666  | .3710749 | .1884498 | .3089458 | 2.875103 | .2073445 | 1.947821 | .4794907 | .0754251 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.695975 | .3016489 | .2041621 | 9.388027 | .3162657 | .3838251 | .6268368 | .2121622 | .8331573 |
| Stddev | .066957  | .0255375 | .0023862 | .161881  | .0268474 | .0016161 | .0055216 | .0196458 | .0146371 |
| %RSD   | 2.483604 | 8.465959 | 1.168773 | 1.724339 | 8.488869 | .4210605 | .8808701 | 9.259816 | 1.756817 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.772807 | .3310520 | .2064636 | 9.569678 | .3472614 | .3843822 | .6256631 | .2348405 | .8491982 |
| #2 | 2.665035 | .2850097 | .2043235 | 9.335380 | .3012477 | .3820041 | .6219965 | .2003452 | .8205259 |
| #3 | 2.650082 | .2888849 | .2016994 | 9.259022 | .3002880 | .3850889 | .6328510 | .2013008 | .8297477 |

Sample Name: PB152448BS      Acquired: 5/4/2023 15:17:39      Type: Unk  
 Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |            |          |          |         |
|--------|----------|------------|----------|----------|---------|
| Elem   | P_1774   | S_1820     | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm        | ppm      | ppm      | Cts/S   |
| Avg    | 5.395246 | F -.011441 | .1943971 | .2207582 | z ***** |
| Stddev | .023869  | .000947    | .0182454 | .0212479 | -----   |
| %RSD   | .4423987 | 8.280377   | 9.385614 | 9.624961 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | 5.396260 | -.012425 | .2153283 | .2452913 | z 10528.85 |
| #2 | 5.370886 | -.011363 | .1818559 | .2087584 | z 10546.95 |
| #3 | 5.418591 | -.010535 | .1860071 | .2082251 | z 10543.95 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4410.457 | 79902.89 | 6897.508 | 3618.068 | 4217.256 |
| Stddev    | 18.398   | 1028.07  | 545.508  | 50.890   | 22.061   |
| %RSD      | .4171378 | 1.286653 | 7.908774 | 1.406563 | .5231084 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4398.592 | 78786.83 | 6268.452 | 3566.010 | 4214.691 |
| #2 | 4431.650 | 80110.58 | 7183.828 | 3620.489 | 4240.487 |
| #3 | 4401.129 | 80811.26 | 7240.243 | 3667.705 | 4196.590 |



Sample Name: O2510-01      Acquired: 5/4/2023 15:21:20      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0079655 | -.001118 | -.000411 | -.001071 | -.000712 | 1.851185 | .6594454 | .0000767 |
| Stddev | .0013551 | .000674  | .000718  | .004508  | .001011  | .019591  | .0062752 | .0000392 |
| %RSD   | 17.01200 | 60.30809 | 174.9313 | 420.7582 | 141.9347 | 1.058286 | .9515872 | 51.15761 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0078623 | -.001694 | .000064  | -.000063 | -.001507 | 1.828880 | .6533639 | .0000330 |
| #2 | .0066650 | -.001283 | -.000059 | -.005998 | -.001056 | 1.859067 | .6590744 | .0000881 |
| #3 | .0093693 | -.000377 | -.001237 | .002847  | .000426  | 1.865607 | .6658978 | .0001090 |

|        |          |            |          |          |          |          |          |            |
|--------|----------|------------|----------|----------|----------|----------|----------|------------|
| Elem   | Cd2265   | Ca3736     | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790     |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0000785 | F 195.9143 | .0959191 | .0348336 | .0009454 | 2.269637 | .2693213 | F 88.18622 |
| Stddev | .0000749 | 1.9981     | .0007673 | .0001376 | .0008555 | .037410  | .0019819 | .81733     |
| %RSD   | 95.42583 | 1.019868   | .7999538 | .3950780 | 90.48123 | 1.648278 | .7358721 | .9268211   |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000347 | 193.7806 | .0951860 | .0347797 | .0016522 | 2.237418 | .2670643 | 87.26600 |
| #2 | .0000358 | 196.2212 | .0958549 | .0347311 | -.000006 | 2.260828 | .2707772 | 88.46487 |
| #3 | .0001650 | 197.7413 | .0967166 | .0349900 | .001190  | 2.310666 | .2701225 | 88.82778 |

|        |          |          |            |          |          |            |          |          |
|--------|----------|----------|------------|----------|----------|------------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895     | V_2924   | Zn2138   | K_7664     | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0664555 | -.000602 | F 1927.433 | .0449497 | .0200186 | F 281.2396 | 5.041873 | .0054574 |
| Stddev | .0001684 | .000359  | 4.970      | .0020205 | .0002425 | 3.7594     | .028716  | .0002022 |
| %RSD   | .2534603 | 59.73698 | .2578565   | 4.495130 | 1.211640 | 1.336718   | .5695448 | 3.704577 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0662622 | -.001007 | 1932.879 | .0450217 | .0202620 | 278.6501 | 5.043268 | .0052389 |
| #2 | .0665334 | -.000322 | 1923.142 | .0428941 | .0200170 | 279.5170 | 5.069865 | .0056378 |
| #3 | .0665708 | -.000476 | 1926.277 | .0469333 | .0197769 | 285.5516 | 5.012485 | .0054955 |

Sample Name: O2510-01      Acquired: 5/4/2023 15:21:20      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040     |
|-----------|----------|----------|------------|----------|----------|----------|----------|------------|
| Units     | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      | Cts/S      |
| Avg       | .0308134 | .0291988 | F 18.33874 | .6352054 | 68.03372 | .1685030 | 1.352748 | z *****    |
| Stddev    | .0006105 | .0024387 | .31438     | .0013797 | .59296   | .0064529 | .011991  | -----      |
| %RSD      | 1.981318 | 8.351947 | 1.714309   | .2172001 | .8715720 | 3.829543 | .8864544 | -----      |
| #1        | .0312084 | .0269034 | 18.08402   | .6363857 | 67.71798 | .1637036 | 1.340489 | z 3907.946 |
| #2        | .0301102 | .0289340 | 18.24209   | .6336886 | 67.66544 | .1659667 | 1.353301 | z 3925.826 |
| #3        | .0311215 | .0317591 | 18.69009   | .6355419 | 68.71774 | .1758387 | 1.364452 | z 3912.944 |
| Int. Std. | Y_2243   | Y_3600   | Y_3710     | Y_2243   | In2306   |          |          |            |
| Units     | Cts/S    | Cts/S    | Cts/S      | Cts/S    | Cts/S    |          |          |            |
| Avg       | 3706.127 | 67620.62 | 7067.723   | 3115.311 | 3075.305 |          |          |            |
| Stddev    | 30.055   | 285.18   | 44.105     | 9.764    | 22.076   |          |          |            |
| %RSD      | .8109607 | .4217359 | .6240293   | .3134058 | .7178466 |          |          |            |
| #1        | 3734.950 | 67934.65 | 7081.181   | 3116.952 | 3093.066 |          |          |            |
| #2        | 3708.455 | 67549.42 | 7018.458   | 3124.151 | 3082.261 |          |          |            |
| #3        | 3674.975 | 67377.78 | 7103.532   | 3104.831 | 3050.589 |          |          |            |

Sample Name: O2510-01DUP      Acquired: 5/4/2023 15:25:22      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060238 | -.000126 | .0008478 | -.004330 | .0012085 | 1.852053 | .6595355 | .0001680 |
| Stddev | .0011701 | .001416  | .0005387 | .000975  | .0014157 | .046039  | .0174710 | .0000623 |
| %RSD   | 19.42369 | 1122.927 | 63.54163 | 22.51366 | 117.1419 | 2.485832 | 2.648981 | 37.10196 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0073552 | -.001761 | .0005025 | -.003221 | .0006410 | 1.803164 | .6395034 | .0001933 |
| #2 | .0055570 | .000664  | .0005724 | -.004718 | .0028200 | 1.894581 | .6716187 | .0000970 |
| #3 | .0051592 | .000719  | .0014685 | -.005052 | .0001646 | 1.858415 | .6674842 | .0002136 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000252 | 197.1336 | .0962637 | .0353318 | .0009654 | 2.306140 | .2687653 | 88.26470 |
| Stddev | .0001204 | 4.6665   | .0004868 | .0002836 | .0005772 | .031281  | .0078366 | 2.31573  |
| %RSD   | 477.3025 | 2.367189 | .5056764 | .8028279 | 59.79321 | 1.356406 | 2.915779 | 2.623621 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001402 | 191.7843 | .0963175 | .0350179 | .0005634 | 2.312800 | .2597306 | 85.61174 |
| #2 | .0000355 | 200.3698 | .0967214 | .0355697 | .0007060 | 2.333555 | .2737226 | 89.88095 |
| #3 | -.000100 | 199.2467 | .0957523 | .0354080 | .0016269 | 2.272066 | .2728426 | 89.30142 |

|        |          |          |            |          |          |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0674451 | -.000667 | F 1831.285 | .0473276 | .0198616 | 282.8481 | 5.031741 | .0055799 |
| Stddev | .0004872 | .000220  | 34.896     | .0028011 | .0002538 | 2.9323   | .138348  | .0000957 |
| %RSD   | .7222883 | 32.94158 | 1.905559   | 5.918579 | 1.277781 | 1.036718 | 2.749497 | 1.715467 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0670352 | -.000527 | 1871.337 | .0443465 | .0201315 | 285.8919 | 4.872167 | .0055146 |
| #2 | .0673164 | -.000920 | 1815.075 | .0499049 | .0198255 | 282.6105 | 5.118026 | .0055354 |
| #3 | .0679837 | -.000554 | 1807.441 | .0477312 | .0196277 | 280.0417 | 5.105029 | .0056898 |

Sample Name: O2510-01DUP      Acquired: 5/4/2023 15:25:22      Type: Unk  
 Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

| Elem      | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820            | Li6707          | Sr4077          | Ce4040            |
|-----------|-----------------|-----------------|-------------------|-----------------|-------------------|-----------------|-----------------|-------------------|
| Units     | ppm             | ppm             | ppm               | ppm             | ppm               | ppm             | ppm             | Cts/S             |
| Avg       | <b>.0317740</b> | <b>.0294370</b> | <b>F 18.61185</b> | <b>.6318312</b> | <b>F 68.97852</b> | <b>.1748994</b> | <b>1.347165</b> | <b>z *****</b>    |
| Stddev    | .0005565        | .0016364        | .12816            | .0038844        | .01804            | .0070201        | .036266         | -----             |
| %RSD      | 1.751573        | 5.558968        | .6885910          | .6147772        | .0261587          | 4.013788        | 2.692044        | -----             |
| #1        | .0314312        | .0293456        | 18.73428          | .6288470        | 68.97681          | .1667954        | 1.305498        | <b>z 3971.873</b> |
| #2        | .0324162        | .0278482        | 18.62263          | .6362232        | 68.96139          | .1787889        | 1.371620        | <b>z 3963.696</b> |
| #3        | .0314747        | .0311172        | 18.47864          | .6304236        | 68.99736          | .1791138        | 1.364377        | <b>z 3951.802</b> |
| Int. Std. | Y_2243          | Y_3600          | Y_3710            | Y_2243          | In2306            |                 |                 |                   |
| Units     | Cts/S           | Cts/S           | Cts/S             | Cts/S           | Cts/S             |                 |                 |                   |
| Avg       | <b>3618.977</b> | <b>66262.18</b> | <b>7002.089</b>   | <b>3057.718</b> | <b>3002.747</b>   |                 |                 |                   |
| Stddev    | 17.461          | 544.85          | 167.363           | 26.116          | 17.524            |                 |                 |                   |
| %RSD      | .4824835        | .8222686        | 2.390192          | .8541144        | .5835869          |                 |                 |                   |
| #1        | 3639.101        | 65676.72        | 7195.234          | 3027.736        | 3022.758          |                 |                 |                   |
| #2        | 3609.997        | 66355.41        | 6899.888          | 3075.515        | 2995.335          |                 |                 |                   |
| #3        | 3607.834        | 66754.40        | 6911.144          | 3069.904        | 2990.147          |                 |                 |                   |

Sample Name: O2510-01LX5      Acquired: 5/4/2023 15:29:24      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019011 | .0010747 | .0002125 | .0032310 | -.001394 | .3480702 | .1228903 | .0000796 |
| Stddev | .0017059 | .0010699 | .0007358 | .0005177 | .000668  | .0141346 | .0009011 | .0000391 |
| %RSD   | 89.73503 | 99.55968 | 346.2249 | 16.02408 | 47.92475 | 4.060846 | .7332857 | 49.13083 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0023779 | -.000092 | .0008619 | .0038021 | -.002146 | .3359706 | .1238821 | .0000348 |
| #2 | .0000075 | .002011  | -.000587 | .0030984 | -.001165 | .3446339 | .1226670 | .0001071 |
| #3 | .0033178 | .001305  | .000362  | .0027924 | -.000870 | .3636062 | .1221219 | .0000968 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000061 | 35.59185 | .0176996 | .0060797 | .0000525 | .3997978 | .0502945 | 16.48213 |
| Stddev | .000046  | .06924   | .0004776 | .0002054 | .0004579 | .0041926 | .0003100 | .04094   |
| %RSD   | 76.10464 | .1945297 | 2.698302 | 3.378386 | 871.8852 | 1.048686 | .6164620 | .2483948 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000076 | 35.51213 | .0175098 | .0058574 | -.000294 | .4041577 | .0499989 | 16.43548 |
| #2 | -.000009 | 35.62648 | .0173462 | .0061193 | -.000120 | .3994404 | .0502674 | 16.49880 |
| #3 | -.000098 | 35.63694 | .0182430 | .0062624 | .000572  | .3957954 | .0506172 | 16.51209 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0123016 | -.000360 | 347.0413 | .0073464 | .0032534 | 45.32683 | 1.017672 | .0005225 |
| Stddev | .0001412 | .000352  | 2.0176   | .0012680 | .0000989 | .02183   | .002108  | .0001422 |
| %RSD   | 1.148213 | 97.68211 | .5813718 | 17.26041 | 3.039892 | .0481648 | .2070992 | 27.20478 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0123027 | -.000557 | 344.8742 | .0085400 | .0033260 | 45.34649 | 1.015271 | .0004817 |
| #2 | .0124423 | .000046  | 348.8654 | .0074839 | .0031408 | 45.33067 | 1.018529 | .0004052 |
| #3 | .0121598 | -.000570 | 347.3842 | .0060152 | .0032935 | 45.30334 | 1.019216 | .0006806 |

Sample Name: O2510-01LX5      Acquired: 5/4/2023 15:29:24      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820            | Li6707          | Sr4077          | Ce4040            |
|-----------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|-----------------|-------------------|
| Units     | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             | ppm             | Cts/S             |
| Avg       | <b>.0046989</b> | <b>.0130672</b> | <b>3.052897</b> | <b>.1047811</b> | <b>F 10.98193</b> | <b>.0537111</b> | <b>.2468884</b> | <b>z *****</b>    |
| Stddev    | .0011681        | .0014335        | .029832         | .0014205        | .03820            | .0038578        | .0005271        | -----             |
| %RSD      | 24.85857        | 10.97000        | .9771725        | 1.355639        | .3478266          | 7.182410        | .2134844        | -----             |
| #1        | .0037161        | .0120225        | 3.066413        | .1061484        | 11.02499          | .0549721        | .2464325        | <b>z 3865.544</b> |
| #2        | .0043903        | .0124776        | 3.073578        | .1048819        | 10.96871          | .0567805        | .2474655        | <b>z 3892.563</b> |
| #3        | .0059903        | .0147014        | 3.018699        | .1033129        | 10.95211          | .0493806        | .2467672        | <b>z 3883.433</b> |
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306            |                 |                 |                   |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S             |                 |                 |                   |
| Avg       | <b>4039.948</b> | <b>73129.25</b> | <b>7081.928</b> | <b>3366.159</b> | <b>3550.694</b>   |                 |                 |                   |
| Stddev    | 11.475          | 264.56          | 3.779           | 5.311           | 8.452             |                 |                 |                   |
| %RSD      | .2840464        | .3617651        | .0533565        | .1577848        | .2380434          |                 |                 |                   |
| #1        | 4028.253        | 72946.16        | 7078.763        | 3360.032        | 3541.236          |                 |                 |                   |
| #2        | 4040.403        | 73009.01        | 7080.909        | 3368.999        | 3553.339          |                 |                 |                   |
| #3        | 4051.190        | 73432.57        | 7086.111        | 3369.447        | 3557.508          |                 |                 |                   |

Sample Name: O2510-01MS      Acquired: 5/4/2023 15:33:28      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9076173 | 1.906700 | 1.024125 | 2.169465 | .8382183 | 3.764576 | .8591804 | .1979768 |
| Stddev | .0203719 | .046453  | .023768  | .043389  | .0184175 | .055234  | .0123541 | .0045712 |
| %RSD   | 2.244542 | 2.436280 | 2.320774 | 1.999980 | 2.197224 | 1.467210 | 1.437899 | 2.308937 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9300595 | 1.957907 | 1.050335 | 2.214866 | .8588395 | 3.828192 | .8733915 | .2029214 |
| #2 | .9025015 | 1.894923 | 1.018067 | 2.165115 | .8324112 | 3.736718 | .8531509 | .1971040 |
| #3 | .8902910 | 1.867269 | 1.003973 | 2.128416 | .8234043 | 3.728819 | .8509987 | .1939049 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2004863 | 197.6349 | .4705294 | .2364085 | .2924581 | 5.377066 | .4708083 | 90.85737 |
| Stddev | .0053891 | 3.1797   | .0041631 | .0059060 | .0066409 | .091446  | .0073850 | 1.72862  |
| %RSD   | 2.688012 | 1.608886 | .8847696 | 2.498228 | 2.270723 | 1.700668 | 1.568572 | 1.902566 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2063724 | 201.2959 | .4685483 | .2430443 | .3000222 | 5.320054 | .4789496 | 92.84657 |
| #2 | .1992920 | 196.0459 | .4677269 | .2344530 | .2897667 | 5.328601 | .4689350 | 90.00578 |
| #3 | .1957945 | 195.5628 | .4753131 | .2317283 | .2875853 | 5.482544 | .4645404 | 89.71977 |

|        |          |          |            |          |          |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5691852 | .0828693 | F 1803.365 | .3420351 | .2497659 | 283.5220 | 5.391539 | .3910775 |
| Stddev | .0146627 | .0005804 | 31.459     | .0023434 | .0030473 | 4.2359   | .110972  | .0091968 |
| %RSD   | 2.576078 | .7003436 | 1.744475   | .6851322 | 1.220046 | 1.494043 | 2.058256 | 2.351658 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5852274 | .0825734 | 1839.673 | .3445439 | .2466386 | 280.6329 | 5.501658 | .4010934 |
| #2 | .5658526 | .0824966 | 1786.204 | .3399026 | .2499327 | 281.5485 | 5.393226 | .3891264 |
| #3 | .5564758 | .0835380 | 1784.219 | .3416590 | .2527262 | 288.3846 | 5.279734 | .3830129 |

Sample Name: O2510-01MS      Acquired: 5/4/2023 15:33:28      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |                 |                 |                   |                 |                   |                 |                 |                   |
|-----------|-----------------|-----------------|-------------------|-----------------|-------------------|-----------------|-----------------|-------------------|
| Elem      | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820            | Li6707          | Sr4077          | Ce4040            |
| Units     | ppm             | ppm             | ppm               | ppm             | ppm               | ppm             | ppm             | Cts/S             |
| Avg       | <b>.7235138</b> | <b>.2225269</b> | <b>F 19.37447</b> | <b>7.832937</b> | <b>F 66.48590</b> | <b>.3826046</b> | <b>1.559388</b> | <b>z *****</b>    |
| Stddev    | .0206153        | .0024116        | .33613            | .266394         | 1.60882           | .0057325        | .023209         | -----             |
| %RSD      | 2.849326        | 1.083739        | 1.734895          | 3.400940        | 2.419795          | 1.498287        | 1.488339        | -----             |
| #1        | .7460077        | .2253113        | 19.15726          | 8.112822        | 68.21998          | .3891649        | 1.586121        | <b>z 9417.815</b> |
| #2        | .7190127        | .2211628        | 19.20451          | 7.803512        | 66.19594          | .3785604        | 1.547651        | <b>z 9467.783</b> |
| #3        | .7055210        | .2211064        | 19.76163          | 7.582478        | 65.04177          | .3800886        | 1.544392        | <b>z 9444.178</b> |
| Int. Std. | Y_2243          | Y_3600          | Y_3710            | Y_2243          | In2306            |                 |                 |                   |
| Units     | Cts/S           | Cts/S           | Cts/S             | Cts/S           | Cts/S             |                 |                 |                   |
| Avg       | <b>3736.149</b> | <b>67230.91</b> | <b>6821.339</b>   | <b>3098.177</b> | <b>3109.356</b>   |                 |                 |                   |
| Stddev    | 93.856          | 369.23          | 166.766           | 26.079          | 81.409            |                 |                 |                   |
| %RSD      | 2.512108        | .5491916        | 2.444767          | .8417546        | 2.618200          |                 |                 |                   |
| #1        | 3630.786        | 67386.44        | 6641.504          | 3120.080        | 3019.384          |                 |                 |                   |
| #2        | 3766.857        | 67496.93        | 6851.630          | 3105.122        | 3130.758          |                 |                 |                   |
| #3        | 3810.805        | 66809.37        | 6970.883          | 3069.328        | 3177.927          |                 |                 |                   |



Sample Name: O2510-01MSD      Acquired: 5/4/2023 15:37:19      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9106885 | 1.911164 | 1.025023 | 2.183040 | .8454861 | 3.811231 | .8763975 | .1892499 |
| Stddev | .0088470 | .029373  | .016870  | .022453  | .0134193 | .047453  | .0132870 | .0033380 |
| %RSD   | .9714591 | 1.536929 | 1.645794 | 1.028527 | 1.587170 | 1.245071 | 1.516088 | 1.763789 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9021396 | 1.879962 | 1.007702 | 2.160463 | .8321904 | 3.861828 | .8913544 | .1927174 |
| #2 | .9198061 | 1.938280 | 1.041402 | 2.205367 | .8590257 | 3.804145 | .8718789 | .1889739 |
| #3 | .9101199 | 1.915251 | 1.025967 | 2.183292 | .8452423 | 3.767720 | .8659591 | .1860586 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2001326 | 198.1945 | .4688921 | .2369026 | .2932280 | 5.664207 | .4733657 | 90.10412 |
| Stddev | .0034468 | 3.1658   | .0014313 | .0036872 | .0032236 | .015207  | .0077131 | 1.50842  |
| %RSD   | 1.722235 | 1.597335 | .3052534 | 1.556432 | 1.099358 | .2684705 | 1.629413 | 1.674087 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1964843 | 201.7498 | .4696654 | .2329372 | .2898849 | 5.664373 | .4818382 | 91.76765 |
| #2 | .2033342 | 197.1532 | .4697703 | .2402279 | .2963171 | 5.648917 | .4715076 | 89.71940 |
| #3 | .2005792 | 195.6804 | .4672404 | .2375427 | .2934821 | 5.679329 | .4667515 | 88.82532 |

|        |          |          |            |          |          |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5698646 | .0844615 | F 1746.607 | .3465658 | .2532627 | 297.8166 | 5.194966 | .3914704 |
| Stddev | .0085296 | .0002563 | 34.387     | .0073175 | .0004635 | .9115    | .085582  | .0061699 |
| %RSD   | 1.496781 | .3034644 | 1.968766   | 2.111419 | .1829950 | .3060546 | 1.647403 | 1.576084 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5606423 | .0844729 | 1784.410 | .3550065 | .2528091 | 298.7165 | 5.287565 | .3850807 |
| #2 | .5774701 | .0841997 | 1738.226 | .3426777 | .2537354 | 296.8940 | 5.178555 | .3973941 |
| #3 | .5714813 | .0847119 | 1717.186 | .3420131 | .2532434 | 297.8392 | 5.118778 | .3919364 |

Sample Name: O2510-01MSD      Acquired: 5/4/2023 15:37:19      Type: Unk  
 Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

| Elem      | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820            | Li6707          | Sr4077          | Ce4040            |
|-----------|-----------------|-----------------|-------------------|-----------------|-------------------|-----------------|-----------------|-------------------|
| Units     | ppm             | ppm             | ppm               | ppm             | ppm               | ppm             | ppm             | Cts/S             |
| Avg       | <b>.7199611</b> | <b>.2252482</b> | <b>F 20.39833</b> | <b>7.690861</b> | <b>F 66.51351</b> | <b>.3918431</b> | <b>1.592811</b> | <b>z *****</b>    |
| Stddev    | .0108859        | .0051290        | .09207            | .128473         | .94625            | .0052866        | .025381         | -----             |
| %RSD      | 1.512015        | 2.277061        | .4513508          | 1.670468        | 1.422651          | 1.349168        | 1.593469        | -----             |
| #1        | .7084717        | .2311360        | 20.43695          | 7.552031        | 65.52826          | .3978947        | 1.621663        | <b>z 9458.941</b> |
| #2        | .7301215        | .2217498        | 20.29325          | 7.805554        | 67.41524          | .3895120        | 1.582843        | <b>z 9466.082</b> |
| #3        | .7212901        | .2228589        | 20.46480          | 7.714997        | 66.59702          | .3881227        | 1.573927        | <b>z 9475.007</b> |
| Int. Std. | Y_2243          | Y_3600          | Y_3710            | Y_2243          | In2306            |                 |                 |                   |
| Units     | Cts/S           | Cts/S           | Cts/S             | Cts/S           | Cts/S             |                 |                 |                   |
| Avg       | <b>3719.111</b> | <b>68094.59</b> | <b>7239.251</b>   | <b>3090.314</b> | <b>3102.856</b>   |                 |                 |                   |
| Stddev    | 46.024          | 170.09          | 117.869           | 3.765           | 42.464            |                 |                 |                   |
| %RSD      | 1.237494        | .2497789        | 1.628189          | .1218331        | 1.368558          |                 |                 |                   |
| #1        | 3764.359        | 68101.11        | 7125.056          | 3094.155        | 3146.437          |                 |                 |                   |
| #2        | 3672.349        | 67921.34        | 7232.219          | 3086.630        | 3061.604          |                 |                 |                   |
| #3        | 3720.625        | 68261.32        | 7360.478          | 3090.156        | 3100.526          |                 |                 |                   |

Sample Name: O2510-01A      Acquired: 5/4/2023 15:41:08      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9531591 | 1.990576 | 1.062648 | 2.282817 | .8917360 | 3.856072 | .8611517 | .1958572 |
| Stddev | .0044954 | .016883  | .006452  | .004030  | .0020659 | .019841  | .0027564 | .0015704 |
| %RSD   | .4716369 | .8481464 | .6071516 | .1765205 | .2316709 | .5145383 | .3200808 | .8018144 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9480749 | 1.979408 | 1.055750 | 2.278843 | .8893625 | 3.839272 | .8581214 | .1974925 |
| #2 | .9566082 | 1.982321 | 1.063660 | 2.282709 | .8931299 | 3.850983 | .8618238 | .1957183 |
| #3 | .9547941 | 2.009998 | 1.068534 | 2.286900 | .8927155 | 3.877962 | .8635098 | .1943609 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2080568 | 192.4971 | .4761279 | .2442199 | .3049400 | 5.592352 | .4726569 | 87.71106 |
| Stddev | .0013278 | .3591    | .0042286 | .0014624 | .0010485 | .019301  | .0007616 | .14669   |
| %RSD   | .6382116 | .1865598 | .8881173 | .5988013 | .3438397 | .3451332 | .1611217 | .1672454 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2066189 | 192.0845 | .4784131 | .2429261 | .3041392 | 5.574025 | .4721422 | 87.74715 |
| #2 | .2083149 | 192.7388 | .4787222 | .2439271 | .3045541 | 5.612498 | .4722967 | 87.83634 |
| #3 | .2092367 | 192.6681 | .4712484 | .2458066 | .3061268 | 5.590532 | .4735317 | 87.54969 |

|        |          |          |            |          |          |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5884672 | .0873170 | F 1681.726 | .3467860 | .2530742 | 285.7182 | 5.153526 | .4127792 |
| Stddev | .0044513 | .0002844 | 21.524     | .0021443 | .0010469 | .0723    | .021162  | .0017611 |
| %RSD   | .7564243 | .3257053 | 1.279901   | .6183367 | .4136755 | .0252902 | .4106399 | .4266432 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5838429 | .0872155 | 1697.563 | .3465365 | .2542039 | 285.6856 | 5.173440 | .4108752 |
| #2 | .5888360 | .0876382 | 1690.396 | .3447773 | .2528820 | 285.6680 | 5.155835 | .4131130 |
| #3 | .5927226 | .0870972 | 1657.218 | .3490441 | .2521368 | 285.8010 | 5.131304 | .4143496 |

Sample Name: O2510-01A      Acquired: 5/4/2023 15:41:08      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820            | Li6707          | Sr4077          | Ce4040         |
|-----------|-----------------|-----------------|-------------------|-----------------|-------------------|-----------------|-----------------|----------------|
| Units     | ppm             | ppm             | ppm               | ppm             | ppm               | ppm             | ppm             | Cts/S          |
| Avg       | <b>.7587021</b> | <b>.2301319</b> | <b>F 19.67809</b> | <b>7.886824</b> | <b>F 66.04627</b> | <b>.3866464</b> | <b>1.555762</b> | <b>z *****</b> |
| Stddev    | .0057299        | .0016488        | .11066            | .056914         | .13867            | .0030867        | .005994         | -----          |
| %RSD      | .7552189        | .7164751        | .5623406          | .7216316        | .2099645          | .7983340        | .3852638        | -----          |
| #1        | .7530823        | .2290779        | 19.55037          | 7.830010        | 65.94256          | .3849099        | 1.549357        | z 9663.612     |
| #2        | .7584879        | .2320320        | 19.73858          | 7.886626        | 65.99246          | .3848192        | 1.556692        | z 9649.475     |
| #3        | .7645360        | .2292857        | 19.74532          | 7.943837        | 66.20378          | .3902103        | 1.561235        | z 9622.409     |
| Int. Std. | Y_2243          | Y_3600          | Y_3710            | Y_2243          | In2306            |                 |                 |                |
| Units     | Cts/S           | Cts/S           | Cts/S             | Cts/S           | Cts/S             |                 |                 |                |
| Avg       | <b>3710.359</b> | <b>69131.79</b> | <b>7261.584</b>   | <b>3131.541</b> | <b>3097.327</b>   |                 |                 |                |
| Stddev    | 37.627          | 446.79          | 42.719            | 2.630           | 36.606            |                 |                 |                |
| %RSD      | 1.014114        | .6462831        | .5882818          | .0839975        | 1.181867          |                 |                 |                |
| #1        | 3747.679        | 68881.74        | 7228.642          | 3132.744        | 3133.857          |                 |                 |                |
| #2        | 3710.965        | 68866.02        | 7246.259          | 3133.355        | 3097.478          |                 |                 |                |
| #3        | 3672.432        | 69647.62        | 7309.851          | 3128.524        | 3060.645          |                 |                 |                |

Sample Name: O2511-01      Acquired: 5/4/2023 15:44:56      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0096780 | -.001823 | .0009241 | -.002118 | .0030853 | .6062825 | 1.479597 | .0001698 |
| Stddev | .0018368 | .002252  | .0003734 | .001462  | .0017286 | .0104068 | .008801  | .0000477 |
| %RSD   | 18.97951 | 123.5507 | 40.40975 | 68.99151 | 56.02751 | 1.716492 | .5948266 | 28.12320 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0111725 | -.002307 | .0004946 | -.003505 | .0050548 | .6152568 | 1.469937 | .0001258 |
| #2 | .0076274 | .000632  | .0011058 | -.002259 | .0018198 | .5948746 | 1.481694 | .0001629 |
| #3 | .0102343 | -.003793 | .0011719 | -.000592 | .0023813 | .6087162 | 1.487161 | .0002205 |

|        |          |            |          |          |          |          |          |            |
|--------|----------|------------|----------|----------|----------|----------|----------|------------|
| Elem   | Cd2265   | Ca3736     | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790     |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0001290 | F 218.6474 | .1173383 | .0395437 | .0023272 | 9.950870 | .4273409 | F 97.88199 |
| Stddev | .0000939 | 1.3539     | .0059325 | .0020497 | .0005093 | .425745  | .0036906 | .79624     |
| %RSD   | 72.79924 | .6192000   | 5.055877 | 5.183319 | 21.88612 | 4.278473 | .8636271 | .8134735   |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000560 | 217.3635 | .1200506 | .0419103 | .0029078 | 10.18910 | .4233984 | 97.22026 |
| #2 | .0002350 | 218.5169 | .1105345 | .0383344 | .0019554 | 9.45934  | .4279112 | 97.66006 |
| #3 | .0000961 | 220.0617 | .1214297 | .0383865 | .0021185 | 10.20417 | .4307133 | 98.76566 |

|        |          |          |            |          |          |            |          |          |
|--------|----------|----------|------------|----------|----------|------------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895     | V_2924   | Zn2138   | K_7664     | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0744564 | -.000099 | F 1844.150 | .0666189 | .0365396 | F 314.2290 | 5.388446 | .0067481 |
| Stddev | .0038210 | .000145  | 104.038    | .0028800 | .0016930 | 13.4339    | .054204  | .0005594 |
| %RSD   | 5.131872 | 146.8850 | 5.641520   | 4.323030 | 4.633421 | 4.275205   | 1.005931 | 8.289141 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0788678 | .000054  | 1944.584 | .0636282 | .0375096 | 322.3969 | 5.361880 | .0073072 |
| #2 | .0721837 | -.000117 | 1736.848 | .0668549 | .0345847 | 298.7243 | 5.352649 | .0061885 |
| #3 | .0723176 | -.000234 | 1851.017 | .0693736 | .0375246 | 321.5659 | 5.450808 | .0067485 |

Sample Name: O2511-01      Acquired: 5/4/2023 15:44:56      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040     |
|-----------|----------|----------|------------|----------|----------|----------|----------|------------|
| Units     | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      | Cts/S      |
| Avg       | .0826076 | .0622726 | F 38.05502 | 2.021171 | 47.64137 | .2004708 | 1.621086 | z *****    |
| Stddev    | .0046293 | .0007597 | 1.64344    | .107214  | 2.54696  | .0012706 | .012440  | -----      |
| %RSD      | 5.603925 | 1.220030 | 4.318578   | 5.304532 | 5.346111 | .6338214 | .7673978 | -----      |
| #1        | .0879366 | .0631347 | 38.85449   | 2.144806 | 50.57716 | .1993129 | 1.607443 | z 3844.695 |
| #2        | .0795806 | .0617009 | 36.16481   | 1.953815 | 46.02218 | .2018301 | 1.624014 | z 3833.633 |
| #3        | .0803057 | .0619822 | 39.14576   | 1.964894 | 46.32479 | .2002693 | 1.631801 | z 3826.685 |
| Int. Std. | Y_2243   | Y_3600   | Y_3710     | Y_2243   | In2306   |          |          |            |
| Units     | Cts/S    | Cts/S    | Cts/S      | Cts/S    | Cts/S    |          |          |            |
| Avg       | 3494.802 | 66788.73 | 7150.331   | 3034.913 | 2924.873 |          |          |            |
| Stddev    | 160.923  | 3023.97  | 70.971     | 134.588  | 144.852  |          |          |            |
| %RSD      | 4.604643 | 4.527670 | .9925557   | 4.434672 | 4.952413 |          |          |            |
| #1        | 3310.193 | 65412.59 | 7216.448   | 2987.119 | 2757.938 |          |          |            |
| #2        | 3605.438 | 70256.02 | 7159.205   | 3186.875 | 3017.376 |          |          |            |
| #3        | 3568.774 | 64697.58 | 7075.341   | 2930.744 | 2999.304 |          |          |            |

Sample Name: O2513-01      Acquired: 5/4/2023 15:48:59      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0164773 | -.002944 | .0033198 | .0014814 | .0022025 | .2755053 | 2.621204 | .0004159 |
| Stddev | .0037749 | .000203  | .0017522 | .0041136 | .0018349 | .0141402 | .014759  | .0000435 |
| %RSD   | 22.90943 | 6.905627 | 52.78136 | 277.6937 | 83.31115 | 5.132448 | .5630668 | 10.46223 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0192984 | -.002721 | .0048079 | .0061861 | .0042275 | .2617821 | 2.607715 | .0003980 |
| #2 | .0179443 | -.002991 | .0013885 | -.000305 | .0006500 | .2747055 | 2.618928 | .0003842 |
| #3 | .0121891 | -.003120 | .0037631 | -.001437 | .0017301 | .2900285 | 2.636969 | .0004655 |

|        |          |            |          |          |          |            |          |            |
|--------|----------|------------|----------|----------|----------|------------|----------|------------|
| Elem   | Cd2265   | Ca3736     | Cr2677   | Co2286   | Cu2247   | Fe2404     | Mn2576   | Mg2790     |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm        | ppm      | ppm        |
| Avg    | .0004125 | F 207.9822 | .1615204 | .0413344 | .0010274 | F 26.56087 | 1.103217 | F 90.75650 |
| Stddev | .0000139 | .9333      | .0006301 | .0005990 | .0003970 | .41839     | .006275  | .39544     |
| %RSD   | 3.362003 | .4487202   | .3901136 | 1.449240 | 38.64013 | 1.575209   | .5688255 | .4357206   |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004185 | 207.0374 | .1619880 | .0420148 | .0014378 | 26.36728 | 1.096373 | 90.36861 |
| #2 | .0003966 | 208.0057 | .1608039 | .0408863 | .0009991 | 26.27434 | 1.104580 | 90.74179 |
| #3 | .0004223 | 208.9035 | .1617695 | .0411022 | .0006453 | 27.04100 | 1.108699 | 91.15909 |

|        |          |          |            |          |          |            |          |          |
|--------|----------|----------|------------|----------|----------|------------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895     | V_2924   | Zn2138   | K_7664     | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0791430 | .0000342 | F 1760.287 | .0909384 | .0287532 | F 292.6310 | 5.345190 | .0068986 |
| Stddev | .0013329 | .0003786 | 17.254     | .0010010 | .0003016 | 3.8375     | .028406  | .0002261 |
| %RSD   | 1.684169 | 1106.176 | .9801920   | 1.100775 | 1.049102 | 1.311395   | .5314302 | 3.278028 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0806821 | .0003844 | 1780.129 | .0904112 | .0284171 | 291.7152 | 5.349190 | .0069220 |
| #2 | .0783679 | -.000368 | 1748.812 | .0920929 | .0288424 | 289.3342 | 5.371384 | .0066617 |
| #3 | .0783790 | .000086  | 1751.920 | .0903112 | .0290003 | 296.8436 | 5.314996 | .0071122 |

Sample Name: O2513-01      Acquired: 5/4/2023 15:48:59      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820          | Li6707          | Sr4077          | Ce4040            |
|-----------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| Units     | ppm             | ppm             | ppm               | ppm             | ppm             | ppm             | ppm             | Cts/S             |
| Avg       | <b>.2495553</b> | <b>.1553084</b> | <b>F 38.70648</b> | <b>5.171987</b> | <b>30.69400</b> | <b>.1735202</b> | <b>1.533271</b> | <b>z *****</b>    |
| Stddev    | .0053312        | .0004035        | .62965            | .095670         | .51243          | .0026538        | .005968         | -----             |
| %RSD      | 2.136297        | .2597878        | 1.626732          | 1.849782        | 1.669464        | 1.529372        | .3892414        | -----             |
| #1        | .2556669        | .1557732        | 38.52268          | 5.281179        | 31.28289        | .1715077        | 1.527571        | <b>z 3971.030</b> |
| #2        | .2458602        | .1551039        | 38.18918          | 5.102876        | 30.34966        | .1765276        | 1.532767        | <b>z 3985.432</b> |
| #3        | .2471388        | .1550480        | 39.40758          | 5.131906        | 30.44947        | .1725252        | 1.539475        | <b>z 3986.036</b> |
| Int. Std. | Y_2243          | Y_3600          | Y_3710            | Y_2243          | In2306          |                 |                 |                   |
| Units     | Cts/S           | Cts/S           | Cts/S             | Cts/S           | Cts/S           |                 |                 |                   |
| Avg       | <b>3553.165</b> | <b>66321.95</b> | <b>7023.638</b>   | <b>3031.999</b> | <b>2970.492</b> |                 |                 |                   |
| Stddev    | 72.562          | 446.83          | 38.524            | 14.249          | 53.759          |                 |                 |                   |
| %RSD      | 2.042187        | .6737303        | .5484930          | .4699609        | 1.809756        |                 |                 |                   |
| #1        | 3470.067        | 66386.11        | 7026.902          | 3037.118        | 2908.944        |                 |                 |                   |
| #2        | 3604.002        | 66733.24        | 6983.586          | 3042.980        | 3008.255        |                 |                 |                   |
| #3        | 3585.426        | 65846.51        | 7060.426          | 3015.897        | 2994.278        |                 |                 |                   |



Sample Name: CCV03      Acquired: 5/4/2023 15:53:01      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.058275 | 5.009208 | 5.030021 | 5.222633 | 5.284938 | 9.721199 | 10.17175 | .2381983 | 2.440329 |
| Stddev | .016659  | .011253  | .012805  | .019135  | .023384  | .040446  | .06136   | .0024017 | .008528  |
| %RSD   | .3293500 | .2246507 | .2545725 | .3663942 | .4424731 | .4160558 | .6032300 | 1.008300 | .3494613 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.077504 | 5.021045 | 5.042017 | 5.244334 | 5.311904 | 9.746512 | 10.20169 | .2408380 | 2.449743 |
| #2 | 5.048208 | 4.998647 | 5.016537 | 5.208182 | 5.272664 | 9.742531 | 10.10117 | .2361420 | 2.433120 |
| #3 | 5.049112 | 5.007930 | 5.031508 | 5.215382 | 5.270246 | 9.674553 | 10.21239 | .2376148 | 2.438124 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.85607 | .9677196 | 2.524275 | 1.302741 | 5.038495 | 2.572411 | 24.90410 | 2.559047 | 1.365339 |
| Stddev | .06269   | .0225984 | .007502  | .005090  | .082512  | .010648  | .06024   | .009778  | .030791  |
| %RSD   | .2627944 | 2.335221 | .2971750 | .3906772 | 1.637633 | .4139192 | .2419022 | .3821144 | 2.255200 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.88073 | .9812058 | 2.532342 | 1.308525 | 5.074418 | 2.584072 | 24.89693 | 2.569457 | 1.377739 |
| #2 | 23.90269 | .9416302 | 2.517509 | 1.298948 | 4.944110 | 2.569953 | 24.96761 | 2.550054 | 1.330281 |
| #3 | 23.78480 | .9803229 | 2.522974 | 1.300749 | 5.096955 | 2.563207 | 24.84777 | 2.557630 | 1.387997 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.71706 | 2.445685 | 2.581329 | 25.68700 | 5.050106 | 5.104471 | 4.852859 | 4.930467 | 5.088492 |
| Stddev | .40319   | .011515  | .063780  | .38526   | .038069  | .017032  | .015712  | .022585  | .115604  |
| %RSD   | 1.699993 | .4708233 | 2.470820 | 1.499809 | .7538201 | .3336668 | .3237699 | .4580733 | 2.271864 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.98553 | 2.453635 | 2.609259 | 26.01290 | 5.059154 | 5.124138 | 4.870998 | 4.945495 | 5.143828 |
| #2 | 23.25343 | 2.450941 | 2.508348 | 25.26182 | 5.008329 | 5.094586 | 4.843470 | 4.941413 | 4.955621 |
| #3 | 23.91224 | 2.432480 | 2.626378 | 25.78627 | 5.082836 | 5.094689 | 4.844109 | 4.904495 | 5.166027 |

Sample Name: CCV03      Acquired: 5/4/2023 15:53:01      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.999666 | 5.033161 | 4.862935 | 5.268891 | z ***** |
| Stddev | .019356  | .014836  | .014385  | .022800  | -----   |
| %RSD   | .3871409 | .2947692 | .2958072 | .4327354 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | 5.020864 | 5.049978 | 4.872503 | 5.277914 | z 3747.953 |
| #2 | 4.982933 | 5.021920 | 4.869910 | 5.242960 | z 3737.229 |
| #3 | 4.995202 | 5.027587 | 4.846393 | 5.285798 | z 3727.551 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4153.725 | 78310.26 | 7417.045 | 3478.934 | 3752.696 |
| Stddev    | 18.210   | 1587.65  | 39.697   | 72.637   | 13.424   |
| %RSD      | .4384111 | 2.027386 | .5352127 | 2.087912 | .3577060 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4133.926 | 77265.89 | 7373.230 | 3446.500 | 3737.335 |
| #2 | 4157.492 | 80137.28 | 7450.615 | 3562.138 | 3758.579 |
| #3 | 4169.757 | 77527.61 | 7427.292 | 3428.166 | 3762.174 |

Sample Name: CCB03      Acquired: 5/4/2023 15:57:54      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024080 | .0014037 | .0006331 | .0025607 | -.000402 | -.006563 | .0018758 | .0000783 | .0000373 |
| Stddev | .0022454 | .0027371 | .0008892 | .0025642 | .001269  | .007970  | .0004101 | .0000101 | .0000477 |
| %RSD   | 93.24615 | 194.9976 | 140.4458 | 100.1370 | 315.9591 | 121.4459 | 21.86037 | 12.95531 | 128.0281 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0010591 | .0041823 | -.000097 | .0040482 | -.000913 | -.015030 | .0021761 | .0000772 | .0000351 |
| #2 | .0011650 | -.001290 | .000374  | -.000400 | .001043  | .000794  | .0020428 | .0000688 | -.000009 |
| #3 | .0050001 | .001319  | .001623  | .004034  | -.001335 | -.005452 | .0014086 | .0000890 | .000086  |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002078 | -.000093 | -.000013 | -.000007 | -.002230 | .0001164 | -.007767 | .0000252 | -.000120 |
| Stddev | .004116  | .000248  | .000098  | .000171  | .001860  | .0001614 | .010375  | .0001207 | .000327  |
| %RSD   | 198.1154 | 265.5242 | 780.9335 | 2472.801 | 83.38971 | 138.6951 | 133.5860 | 478.2176 | 272.2209 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000001  | .000094  | .000086  | -.000089 | -.003061 | .0000174 | .002261  | .0000594 | .000026  |
| #2 | -.006819 | -.000375 | -.000013 | -.000121 | -.000100 | .0000291 | -.007104 | -.000109 | -.000494 |
| #3 | .000585  | .000001  | -.000111 | .000190  | -.003530 | .0003026 | -.018457 | .000125  | .000108  |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.015020 | -.000418 | -.000427 | .5324199 | .0173138 | .0006528 | -.000471 | .0114902 | .0095315 |
| Stddev | .019875  | .000818  | .000274  | .0294792 | .0005549 | .0003574 | .000302  | .0013697 | .0053177 |
| %RSD   | 1.958127 | 195.6578 | 64.07535 | 5.536833 | 3.204874 | 54.74307 | 64.08896 | 11.92031 | 55.79069 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .992853  | .000478  | -.000460 | .5121240 | .0175441 | .0009969 | -.000145 | .0124330 | .0153014 |
| #2 | 1.020955 | -.000608 | -.000139 | .5189018 | .0177166 | .0006781 | -.000529 | .0099191 | .0048273 |
| #3 | 1.031251 | -.001123 | -.000683 | .5662338 | .0166809 | .0002835 | -.000741 | .0121186 | .0084659 |

Sample Name: CCB03      Acquired: 5/4/2023 15:57:54      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|-----------------|----------------|
| Elem   | P_1774          | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.000570</b> | <b>.0017355</b> | <b>.0066458</b> | <b>.0000929</b> | <b>z *****</b> |
| Stddev | .002103         | .0028485        | .0002649        | .0001287        | -----          |
| %RSD   | 369.0096        | 164.1323        | 3.985604        | 138.4459        | -----          |

|    |                 |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-----------------|-------------------|
| #1 | .000900         | .0030710        | .0064339        | .0001977        | <b>z 3628.210</b> |
| #2 | <b>-.002979</b> | <b>.0036709</b> | <b>.0065607</b> | <b>-.000051</b> | <b>z 3624.850</b> |
| #3 | <b>.000369</b>  | <b>-.001535</b> | <b>.0069428</b> | <b>.000132</b>  | <b>z 3628.997</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>4297.475</b> | <b>79936.64</b> | <b>7177.837</b> | <b>3571.873</b> | <b>4192.978</b> |
| Stddev    | 27.768          | 928.11          | 110.204         | 41.265          | 31.802          |
| %RSD      | .6461543        | 1.161061        | 1.535344        | 1.155285        | .7584498        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4278.405 | 80441.62 | 7083.003 | 3594.187 | 4167.984 |
| #2 | 4284.686 | 80502.77 | 7151.770 | 3597.178 | 4182.176 |
| #3 | 4329.333 | 78865.53 | 7298.738 | 3524.256 | 4228.774 |

Sample Name: O2521-05      Acquired: 5/4/2023 16:01:56      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: GMW-10      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0132958 | -.003997 | .1320875 | -.001064 | .0057100 | 1.121175 | .7838762 | .0004000 |
| Stddev | .0008305 | .002585  | .0030814 | .001168  | .0004739 | .021072  | .0215209 | .0000713 |
| %RSD   | 6.246516 | 64.67649 | 2.332849 | 109.7093 | 8.299053 | 1.879480 | 2.745441 | 17.83275 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0142202 | -.003768 | .1286436 | -.001366 | .0051716 | 1.097303 | .7701571 | .0003318 |
| #2 | .0130550 | -.001534 | .1330351 | .000225  | .0058947 | 1.129034 | .7727918 | .0004741 |
| #3 | .0126124 | -.006690 | .1345838 | -.002051 | .0060637 | 1.137188 | .8086798 | .0003940 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014035 | 305.1800 | .0061756 | .0029046 | .1175516 | 32.99875 | 1.788316 | 47.41579 |
| Stddev | .0000643 | 8.7964   | .0004423 | .0001458 | .0026632 | .26936   | .053011  | 1.28678  |
| %RSD   | 4.582498 | 2.882356 | 7.162835 | 5.020265 | 2.265538 | .8162604 | 2.964297 | 2.713816 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0013315 | 299.8625 | .0056649 | .0030729 | .1146034 | 32.70824 | 1.755904 | 46.73020 |
| #2 | .0014236 | 300.3440 | .0064391 | .0028218 | .1182682 | 33.24020 | 1.759552 | 46.61698 |
| #3 | .0014553 | 315.3333 | .0064228 | .0028189 | .1197832 | 33.04780 | 1.849491 | 48.90020 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0243716 | -.000069 | 28.75204 | .0442319 | .1720582 | 70.51662 | .2509393 | .0042711 |
| Stddev | .0004395 | .000136  | .25411   | .0011257 | .0021011 | .72401   | .0051131 | .0002131 |
| %RSD   | 1.803358 | 196.1723 | .8837967 | 2.545081 | 1.221127 | 1.026718 | 2.037586 | 4.990317 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0242910 | -.000226 | 28.59736 | .0444485 | .1715259 | 69.81310 | .2483269 | .0043971 |
| #2 | .0239780 | .000023  | 29.04531 | .0430137 | .1743742 | 71.25951 | .2476602 | .0040250 |
| #3 | .0248458 | -.000005 | 28.61344 | .0452337 | .1702745 | 70.47725 | .2568309 | .0043912 |

Sample Name: O2521-05      Acquired: 5/4/2023 16:01:56      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: GMW-10      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820            | Li6707          | Sr4077          | Ce4040         |
|-----------|-----------------|-----------------|-------------------|-----------------|-------------------|-----------------|-----------------|----------------|
| Units     | ppm             | ppm             | ppm               | ppm             | ppm               | ppm             | ppm             | Cts/S          |
| Avg       | <b>.0162839</b> | <b>.0353961</b> | <b>F 24.43153</b> | <b>.9938842</b> | <b>F 29.42598</b> | <b>.0938725</b> | <b>1.491037</b> | <b>z *****</b> |
| Stddev    | .0008915        | .0020535        | .23284            | .0188340        | .42991            | .0038521        | .044228         | -----          |
| %RSD      | 5.474949        | 5.801385        | .9530483          | 1.894989        | 1.460995          | 4.103507        | 2.966226        | -----          |
| #1        | .0153446        | .0336532        | 24.25629          | .9722959        | 28.95924          | .0896356        | 1.466400        | z 4159.023     |
| #2        | .0171184        | .0348752        | 24.69574          | 1.002402        | 29.51294          | .0948185        | 1.464616        | z 4154.041     |
| #3        | .0163887        | .0376598        | 24.34255          | 1.006954        | 29.80577          | .0971636        | 1.542097        | z 4177.227     |
| Int. Std. | Y_2243          | Y_3600          | Y_3710            | Y_2243          | In2306            |                 |                 |                |
| Units     | Cts/S           | Cts/S           | Cts/S             | Cts/S           | Cts/S             |                 |                 |                |
| Avg       | <b>3956.242</b> | <b>74320.60</b> | <b>7147.617</b>   | <b>3295.317</b> | <b>3546.741</b>   |                 |                 |                |
| Stddev    | 43.484          | 671.06          | 162.072           | 36.656          | 40.640            |                 |                 |                |
| %RSD      | 1.099118        | .9029223        | 2.267495          | 1.112352        | 1.145847          |                 |                 |                |
| #1        | 4005.917        | 74504.70        | 7228.241          | 3299.327        | 3591.812          |                 |                 |                |
| #2        | 3937.746        | 73576.71        | 7253.566          | 3256.821        | 3535.525          |                 |                 |                |
| #3        | 3925.065        | 74880.40        | 6961.045          | 3329.802        | 3512.887          |                 |                 |                |

Sample Name: O2521-06      Acquired: 5/4/2023 16:05:49      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: GMW-10      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027033 | -.001826 | .0008933 | -.002213 | .0027712 | .2947289 | .6407489 | -.000051 |
| Stddev | .0014832 | .001238  | .0005186 | .000260  | .0009516 | .0160494 | .0016125 | .000079  |
| %RSD   | 54.86708 | 67.80782 | 58.05341 | 11.76894 | 34.33891 | 5.445485 | .2516586 | 154.4900 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0010669 | -.000404 | .0004848 | -.002147 | .0038701 | .2781046 | .6388888 | -.000003 |
| #2 | .0030838 | -.002408 | .0007184 | -.002501 | .0022259 | .3101339 | .6417500 | -.000142 |
| #3 | .0039593 | -.002666 | .0014768 | -.001993 | .0022178 | .2959482 | .6416080 | -.000008 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002202 | 291.3592 | -.000165 | .0005868 | .0478214 | .0540474 | 1.403467 | 47.89283 |
| Stddev | .0001110 | .6393    | .000028  | .0001609 | .0007046 | .0012553 | .003182  | .11281   |
| %RSD   | 50.39773 | .2194298 | 16.99193 | 27.42648 | 1.473376 | 2.322540 | .2267253 | .2355432 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000921 | 290.6343 | -.000139 | .0006931 | .0470151 | .0531398 | 1.400237 | 47.76278 |
| #2 | .0002810 | 291.6008 | -.000162 | .0004016 | .0483186 | .0535226 | 1.403564 | 47.96421 |
| #3 | .0002874 | 291.8425 | -.000195 | .0006656 | .0481306 | .0554800 | 1.406599 | 47.95151 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0162115 | -.000068 | 30.93294 | .0019424 | .0340850 | 70.48572 | .2887040 | .0033277 |
| Stddev | .0004893 | .000410  | .08283   | .0036876 | .0002552 | .08187   | .0013095 | .0002608 |
| %RSD   | 3.018191 | 606.0559 | .2677792 | 189.8480 | .7486571 | .1161577 | .4535641 | 7.838353 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0156790 | -.000523 | 30.97776 | .0060794 | .0337904 | 70.56594 | .2877118 | .0034381 |
| #2 | .0163142 | .000274  | 30.98371 | -.000999 | .0342310 | 70.48894 | .2882119 | .0030299 |
| #3 | .0166413 | .000045  | 30.83736 | .000747  | .0342337 | 70.40228 | .2901882 | .0035153 |

Sample Name: O2521-06      Acquired: 5/4/2023 16:05:49      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: GMW-10      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820            | Li6707          | Sr4077          | Ce4040            |
|-----------|-----------------|-----------------|-------------------|-----------------|-------------------|-----------------|-----------------|-------------------|
| Units     | ppm             | ppm             | ppm               | ppm             | ppm               | ppm             | ppm             | Cts/S             |
| Avg       | <b>-.000542</b> | <b>.0036471</b> | <b>F 22.29362</b> | <b>.0317465</b> | <b>F 28.56253</b> | <b>.0871830</b> | <b>1.488754</b> | <b>z *****</b>    |
| Stddev    | .000515         | .0008132        | .03201            | .0015099        | .04708            | .0010119        | .002765         | -----             |
| %RSD      | 95.01644        | 22.29612        | .1435887          | 4.755950        | .1648348          | 1.160662        | .1857282        | -----             |
| #1        | <b>-.000046</b> | <b>.0030979</b> | <b>22.32063</b>   | <b>.0300519</b> | <b>28.50820</b>   | <b>.0866917</b> | <b>1.485588</b> | <b>z 4114.471</b> |
| #2        | <b>-.001074</b> | <b>.0032622</b> | <b>22.30196</b>   | <b>.0329485</b> | <b>28.59120</b>   | <b>.0883468</b> | <b>1.489983</b> | <b>z 4088.951</b> |
| #3        | <b>-.000506</b> | <b>.0045813</b> | <b>22.25826</b>   | <b>.0322392</b> | <b>28.58821</b>   | <b>.0865106</b> | <b>1.490692</b> | <b>z 4094.801</b> |
| Int. Std. | Y_2243          | Y_3600          | Y_3710            | Y_2243          | In2306            |                 |                 |                   |
| Units     | Cts/S           | Cts/S           | Cts/S             | Cts/S           | Cts/S             |                 |                 |                   |
| Avg       | <b>3957.279</b> | <b>74096.57</b> | <b>7143.986</b>   | <b>3285.170</b> | <b>3584.960</b>   |                 |                 |                   |
| Stddev    | 1.567           | 385.31          | 8.084             | 23.091          | 1.755             |                 |                 |                   |
| %RSD      | .0395914        | .5200117        | .1131534          | .7028901        | .0489589          |                 |                 |                   |
| #1        | <b>3958.029</b> | <b>73667.13</b> | <b>7135.100</b>   | <b>3258.508</b> | <b>3586.628</b>   |                 |                 |                   |
| #2        | <b>3955.478</b> | <b>74210.56</b> | <b>7150.904</b>   | <b>3298.315</b> | <b>3583.129</b>   |                 |                 |                   |
| #3        | <b>3958.329</b> | <b>74412.03</b> | <b>7145.955</b>   | <b>3298.689</b> | <b>3585.124</b>   |                 |                 |                   |



Sample Name: O2521-07      Acquired: 5/4/2023 16:09:44      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: GMW-7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009117 | -.001395 | .0989131 | -.001527 | .0043169 | 4.465614 | .5796742 | .0002015 |
| Stddev | .0027811 | .000522  | .0020479 | .004308  | .0001284 | .010249  | .0025253 | .0000509 |
| %RSD   | 305.0478 | 37.40127 | 2.070428 | 282.1140 | 2.974416 | .2295190 | .4356408 | 25.28104 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001596 | -.001519 | .0994662 | -.006494 | .0044342 | 4.457570 | .5775603 | .0002530 |
| #2 | .000429  | -.001843 | .1006276 | .000719  | .0043369 | 4.477154 | .5789916 | .0002003 |
| #3 | .003903  | -.000822 | .0966454 | .001194  | .0041797 | 4.462118 | .5824706 | .0001511 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029449 | 290.4911 | .0199534 | .0051860 | .1233969 | 9.457978 | .4980071 | 53.84291 |
| Stddev | .0001267 | 1.4003   | .0006533 | .0001614 | .0008555 | .153626  | .0029748 | .16405   |
| %RSD   | 4.303701 | .4820441 | 3.274323 | 3.111397 | .6932647 | 1.624298 | .5973397 | .3046864 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0028196 | 289.1539 | .0192267 | .0050073 | .1229514 | 9.303633 | .4950277 | 53.69031 |
| #2 | .0029421 | 290.3723 | .0201414 | .0052299 | .1243832 | 9.610874 | .4980165 | 53.82202 |
| #3 | .0030730 | 291.9470 | .0204922 | .0053209 | .1228562 | 9.459428 | .5009773 | 54.01641 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0399380 | .0003256 | 65.50372 | .0091024 | .3706128 | 41.73171 | .8243634 | .0015392 |
| Stddev | .0001364 | .0003745 | .93889   | .0018425 | .0040109 | .64891   | .0012139 | .0000280 |
| %RSD   | .3416408 | 115.0233 | 1.433331 | 20.24237 | 1.082224 | 1.554952 | .1472543 | 1.819310 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0397805 | .0003961 | 64.63742 | .0098358 | .3676966 | 41.13475 | .8240904 | .0015131 |
| #2 | .0400142 | .0006598 | 66.50136 | .0104652 | .3751868 | 42.42238 | .8233093 | .0015688 |
| #3 | .0400194 | -.000079 | 65.37238 | .0070060 | .3689550 | 41.63799 | .8256906 | .0015358 |

Sample Name: O2521-07      Acquired: 5/4/2023 16:09:44      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: GMW-7      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   | Sr4077   | Ce4040     |
|-----------|----------|----------|------------|----------|------------|----------|----------|------------|
| Units     | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      | ppm      | Cts/S      |
| Avg       | .0258076 | .2403344 | F 29.77267 | .2266080 | F 36.87077 | .1112625 | 1.848524 | z *****    |
| Stddev    | .0005311 | .0069565 | .37643     | .0021733 | .25313     | .0015563 | .005642  | -----      |
| %RSD      | 2.058115 | 2.894509 | 1.264350   | .9590380 | .6865278   | 1.398802 | .3052269 | -----      |
| #1        | .0254555 | .2476554 | 29.43390   | .2271030 | 36.86724   | .1097169 | 1.843908 | z 4112.786 |
| #2        | .0255489 | .2395367 | 30.17790   | .2284910 | 37.12564   | .1128294 | 1.846851 | z 4117.925 |
| #3        | .0264186 | .2338111 | 29.70621   | .2242299 | 36.61942   | .1112411 | 1.854814 | z 4131.014 |
| Int. Std. | Y_2243   | Y_3600   | Y_3710     | Y_2243   | In2306     |          |          |            |
| Units     | Cts/S    | Cts/S    | Cts/S      | Cts/S    | Cts/S      |          |          |            |
| Avg       | 3969.435 | 71971.13 | 7066.211   | 3194.140 | 3569.662   |          |          |            |
| Stddev    | 23.533   | 929.15   | 21.731     | 31.771   | 21.275     |          |          |            |
| %RSD      | .5928655 | 1.291000 | .3075356   | .9946732 | .5960030   |          |          |            |
| #1        | 3955.631 | 72493.58 | 7041.201   | 3214.856 | 3558.429   |          |          |            |
| #2        | 3956.067 | 70898.36 | 7076.948   | 3157.561 | 3556.357   |          |          |            |
| #3        | 3996.608 | 72521.44 | 7080.484   | 3210.003 | 3594.199   |          |          |            |

Sample Name: O2521-07DUP      Acquired: 5/4/2023 16:13:35      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: GMW-7DUP      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013440 | -.001771 | .0989444 | -.003034 | .0042115 | 4.275850 | .5758966 | .0001684 |
| Stddev | .0030249 | .000669  | .0016527 | .001436  | .0013045 | .048526  | .0023518 | .0000364 |
| %RSD   | 225.0662 | 37.77691 | 1.670343 | 47.31712 | 30.97378 | 1.134885 | .4083687 | 21.63159 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0046373 | -.001897 | .0995331 | -.004225 | .0037145 | 4.329775 | .5732670 | .0001802 |
| #2 | .0007050 | -.002368 | .1002222 | -.003437 | .0056914 | 4.262072 | .5766241 | .0001275 |
| #3 | -.001310 | -.001048 | .0970780 | -.001440 | .0032286 | 4.235702 | .5777987 | .0001974 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029337 | 288.9140 | .0193677 | .0052170 | .1223599 | 9.189037 | .4981181 | 53.76824 |
| Stddev | .0000864 | .6384    | .0005648 | .0001972 | .0012683 | .033713  | .0019272 | .22268   |
| %RSD   | 2.944002 | .2209700 | 2.916033 | 3.780748 | 1.036558 | .3668800 | .3868861 | .4141410 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0028983 | 288.1828 | .0189725 | .0050396 | .1237027 | 9.157732 | .4963554 | 53.57283 |
| #2 | .0028707 | 289.1992 | .0191161 | .0054294 | .1211822 | 9.224728 | .4978233 | 53.72120 |
| #3 | .0030321 | 289.3602 | .0200146 | .0051819 | .1221948 | 9.184651 | .5001757 | 54.01067 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0398617 | .0001878 | 64.36616 | .0086385 | .3638990 | 40.99069 | .8292294 | .0014957 |
| Stddev | .0003586 | .0001111 | .32712   | .0030041 | .0013921 | .19855   | .0025896 | .0001732 |
| %RSD   | .8996089 | 59.12472 | .5082201 | 34.77569 | .3825500 | .4843841 | .3122850 | 11.57621 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0402348 | .0002004 | 64.30296 | .0084004 | .3625821 | 40.79959 | .8275248 | .0016279 |
| #2 | .0395196 | .0002921 | 64.72027 | .0057605 | .3637590 | 41.19594 | .8279542 | .0015595 |
| #3 | .0398307 | .0000711 | 64.07525 | .0117545 | .3653558 | 40.97654 | .8322093 | .0012997 |

Sample Name: O2521-07DUP      Acquired: 5/4/2023 16:13:35      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: GMW-7DUP      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   | Sr4077   | Ce4040     |
|-----------|----------|----------|------------|----------|------------|----------|----------|------------|
| Units     | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      | ppm      | Cts/S      |
| Avg       | .0250412 | .2240386 | F 28.53838 | .2235312 | F 36.73579 | .1146399 | 1.847934 | z *****    |
| Stddev    | .0001652 | .0049993 | .17920     | .0019935 | .17219     | .0016043 | .006040  | -----      |
| %RSD      | .6598650 | 2.231437 | .6279215   | .8918203 | .4687288   | 1.399418 | .3268530 | -----      |
| #1        | .0248754 | .2292821 | 28.63724   | .2248698 | 36.92627   | .1128667 | 1.841151 | z 4134.150 |
| #2        | .0250424 | .2235075 | 28.64639   | .2212402 | 36.59117   | .1150625 | 1.849920 | z 4136.736 |
| #3        | .0252058 | .2193260 | 28.33153   | .2244837 | 36.68992   | .1159907 | 1.852731 | z 4162.115 |
| Int. Std. | Y_2243   | Y_3600   | Y_3710     | Y_2243   | In2306     |          |          |            |
| Units     | Cts/S    | Cts/S    | Cts/S      | Cts/S    | Cts/S      |          |          |            |
| Avg       | 3995.329 | 72996.24 | 7025.490   | 3219.098 | 3599.829   |          |          |            |
| Stddev    | 33.731   | 86.50    | 26.135     | 9.355    | 28.701     |          |          |            |
| %RSD      | .8442486 | .1184957 | .3719957   | .2905956 | .7972765   |          |          |            |
| #1        | 3956.959 | 73041.02 | 7038.228   | 3228.627 | 3566.728   |          |          |            |
| #2        | 4008.723 | 72896.53 | 7042.814   | 3218.738 | 3614.976   |          |          |            |
| #3        | 4020.306 | 73051.17 | 6995.429   | 3209.928 | 3617.782   |          |          |            |

Sample Name: O2521-07LX5      Acquired: 5/4/2023 16:17:27      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: GMW-7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015224 | .0007866 | .0189622 | .0004869 | .0002773 | .8008376 | .1115864 | .0000858 | .0005236 |
| Stddev | .0010837 | .0006617 | .0016803 | .0021618 | .0003283 | .0090929 | .0029713 | .0000541 | .0000125 |
| %RSD   | 71.18187 | 84.12250 | 8.861103 | 443.9767 | 118.4106 | 1.135420 | 2.662803 | 63.00727 | 2.395391 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012414 | .0000453 | .0177734 | .0020954 | .0006048 | .7992438 | .1089586 | .0000364 | .0005366 |
| #2 | .0027189 | .0009967 | .0182287 | .0013358 | .0002788 | .7926471 | .1109899 | .0001436 | .0005224 |
| #3 | .0006069 | .0013177 | .0208845 | -.001970 | -.000052 | .8106220 | .1148107 | .0000775 | .0005116 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 55.25666 | .0029383 | .0009742 | .0250375 | 1.733418 | .0976964 | 10.71881 | .0078882 | -.000456 |
| Stddev | 1.19522  | .0002956 | .0002386 | .0009354 | .020479  | .0026352 | .27271   | .0000735 | .000398  |
| %RSD   | 2.163027 | 10.06009 | 24.48866 | 3.736044 | 1.181410 | 2.697354 | 2.544177 | .9320771 | 87.18218 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 54.39692 | .0032600 | .0011755 | .0239594 | 1.742717 | .0958430 | 10.51723 | .0078493 | -.000064 |
| #2 | 54.75155 | .0026787 | .0007107 | .0256339 | 1.709940 | .0965332 | 10.61008 | .0078423 | -.000445 |
| #3 | 56.62150 | .0028763 | .0010364 | .0255192 | 1.747597 | .1007131 | 11.02910 | .0079730 | -.000859 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.64839 | .0002930 | .0680972 | 7.516336 | .1736145 | .0000210 | .0038917 | .0461828 | 5.138297 |
| Stddev | .08444   | .0012110 | .0001973 | .055190  | .0047227 | .0001765 | .0000497 | .0015268 | .036491  |
| %RSD   | .7249200 | 413.3563 | .2897163 | .7342660 | 2.720243 | 841.4045 | 1.278108 | 3.305999 | .7101701 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.71502 | .0013264 | .0683239 | 7.533727 | .1700295 | .0000357 | .0038499 | .0446794 | 5.123946 |
| #2 | 11.55342 | -.001040 | .0679651 | 7.454546 | .1718482 | -.000162 | .0038784 | .0461369 | 5.111163 |
| #3 | 11.67672 | .000592  | .0680024 | 7.560737 | .1789658 | .000190  | .0039467 | .0477320 | 5.179781 |

Sample Name: O2521-07LX5      Acquired: 5/4/2023 16:17:27      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: GMW-7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0434796 | 6.910848 | .0225665 | .3530394 | z ***** |
| Stddev | .0017728 | .130512  | .0027890 | .0072050 | -----   |
| %RSD   | 4.077224 | 1.888510 | 12.35884 | 2.040837 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | .0417473 | 6.797687 | .0194039 | .3479327 | z 3957.419 |
| #2 | .0434013 | 6.881236 | .0236217 | .3499048 | z 3960.698 |
| #3 | .0452902 | 7.053622 | .0246738 | .3612807 | z 3958.766 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4192.961 | 76995.11 | 7102.565 | 3482.931 | 3920.418 |
| Stddev    | 53.584   | 452.03   | 127.480  | 13.930   | 57.674   |
| %RSD      | 1.277944 | .5870903 | 1.794847 | .3999561 | 1.471114 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4241.879 | 76599.56 | 7199.418 | 3477.121 | 3972.539 |
| #2 | 4201.312 | 77487.82 | 7150.136 | 3498.826 | 3930.258 |
| #3 | 4135.692 | 76897.94 | 6958.139 | 3472.847 | 3858.458 |

Sample Name: O2521-09      Acquired: 5/4/2023 16:21:23      Type: Unk  
 Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: O2521-07MS      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          | Be2348          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8096593</b> | <b>1.794334</b> | <b>1.104463</b> | <b>1.944130</b> | <b>.8051715</b> | <b>3.266785</b> | <b>1.028211</b> | <b>.1755206</b> |
| Stddev | .0030026        | .012315         | .011322         | .017625         | .0080398        | .029322         | .010741         | .0017633        |
| %RSD   | .3708462        | .6863449        | 1.025106        | .9065671        | .9985227        | .8975707        | 1.044631        | 1.004634        |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8064531 | 1.781863 | 1.093681 | 1.925613 | .7989424 | 3.233092 | 1.015808 | .1741398 |
| #2 | .8101197 | 1.794651 | 1.103452 | 1.946074 | .8023248 | 3.280739 | 1.034335 | .1749151 |
| #3 | .8124051 | 1.806488 | 1.116257 | 1.960702 | .8142474 | 3.286523 | 1.034489 | .1775069 |

|        |                 |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          | Mn2576          | Mg2790          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1816704</b> | <b>299.1153</b> | <b>.3607083</b> | <b>.1898888</b> | <b>.4443062</b> | <b>37.63784</b> | <b>1.958062</b> | <b>49.71413</b> |
| Stddev | .0013233        | 3.0397          | .0004490        | .0016987        | .0034615        | .26237          | .018774         | .46017          |
| %RSD   | .7284038        | 1.016227        | .1244915        | .8945548        | .7790845        | .6970850        | .9587893        | .9256306        |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1802879 | 295.6308 | .3609851 | .1881968 | .4409266 | 37.35238 | 1.937093 | 49.24196 |
| #2 | .1817981 | 300.4928 | .3609496 | .1898756 | .4441478 | 37.86844 | 1.963785 | 49.73915 |
| #3 | .1829252 | 301.2224 | .3601902 | .1915940 | .4478442 | 37.69271 | 1.973308 | 50.16128 |

|        |                 |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4933934</b> | <b>.0733001</b> | <b>35.36101</b> | <b>.3177922</b> | <b>.4237214</b> | <b>79.44793</b> | <b>.5270760</b> | <b>.3953948</b> |
| Stddev | .0041077        | .0002700        | .19860          | .0088638        | .0026255        | .46476          | .0052461        | .0034921        |
| %RSD   | .8325340        | .3683591        | .5616387        | 2.789177        | .6196375        | .5849828        | .9953297        | .8831926        |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4893843 | .0736089 | 35.35766 | .3076535 | .4206924 | 79.05513 | .5234084 | .3920962 |
| #2 | .4932027 | .0731830 | 35.56126 | .3216483 | .4253484 | 79.96100 | .5247343 | .3950355 |
| #3 | .4975930 | .0731084 | 35.16410 | .3240748 | .4251233 | 79.32765 | .5330851 | .3990527 |

Sample Name: O2521-09      Acquired: 5/4/2023 16:21:23      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: O2521-07MS      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   | Sr4077   | Ce4040     |
|-----------|----------|----------|------------|----------|------------|----------|----------|------------|
| Units     | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      | ppm      | Cts/S      |
| Avg       | .6624845 | .2389358 | F 25.11436 | 7.159761 | F 27.70674 | .2693425 | 1.696853 | z *****    |
| Stddev    | .0048740 | .0013511 | .08991     | .059449  | .22636     | .0033927 | .014659  | -----      |
| %RSD      | .7357108 | .5654505 | .3580153   | .8303148 | .8169827   | 1.259643 | .8639003 | -----      |
| #1        | .6591548 | .2402255 | 25.05470   | 7.108631 | 27.50674   | .2657654 | 1.680148 | z 10283.34 |
| #2        | .6602200 | .2375308 | 25.21777   | 7.145659 | 27.66101   | .2725145 | 1.702843 | z 10305.14 |
| #3        | .6680788 | .2390511 | 25.07060   | 7.224992 | 27.95248   | .2697477 | 1.707569 | z 10357.79 |
| Int. Std. | Y_2243   | Y_3600   | Y_3710     | Y_2243   | In2306     |          |          |            |
| Units     | Cts/S    | Cts/S    | Cts/S      | Cts/S    | Cts/S      |          |          |            |
| Avg       | 4019.479 | 76404.26 | 7323.672   | 3357.870 | 3607.283   |          |          |            |
| Stddev    | 18.510   | 124.97   | 50.220     | 9.529    | 17.871     |          |          |            |
| %RSD      | .4604972 | .1635671 | .6857271   | .2837687 | .4954210   |          |          |            |
| #1        | 4033.880 | 76263.88 | 7362.687   | 3362.992 | 3623.925   |          |          |            |
| #2        | 4025.956 | 76445.52 | 7341.320   | 3346.876 | 3609.528   |          |          |            |
| #3        | 3998.602 | 76503.39 | 7267.010   | 3363.743 | 3588.395   |          |          |            |



Sample Name: O2521-10      Acquired: 5/4/2023 16:25:04      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: O2521-07MSD      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8351582 | 1.863568 | 1.141707 | 2.010181 | .8320053 | 3.282883 | 1.044141 | .1784672 |
| Stddev | .0060469 | .005395  | .006743  | .005045  | .0024693 | .056785  | .015246  | .0018326 |
| %RSD   | .7240423 | .2894715 | .5906349 | .2509532 | .2967883 | 1.729714 | 1.460120 | 1.026879 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8289940 | 1.857355 | 1.135991 | 2.007492 | .8297272 | 3.217472 | 1.027139 | .1764808 |
| #2 | .8354002 | 1.866296 | 1.139987 | 2.007051 | .8316593 | 3.319523 | 1.048687 | .1788286 |
| #3 | .8410805 | 1.867055 | 1.149144 | 2.016001 | .8346293 | 3.311656 | 1.056596 | .1800922 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1883570 | 306.1041 | .3744293 | .1970270 | .4549466 | 38.52563 | 1.980783 | 50.53950 |
| Stddev | .0009352 | 4.8798   | .0012184 | .0010443 | .0014090 | .30267   | .026449  | .81298   |
| %RSD   | .4964930 | 1.594151 | .3254094 | .5300156 | .3096957 | .7856422 | 1.335261 | 1.608594 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1876460 | 300.6392 | .3733249 | .1963608 | .4535167 | 38.25050 | 1.951467 | 49.63787 |
| #2 | .1880086 | 307.6478 | .3742267 | .1964896 | .4549897 | 38.47655 | 1.988028 | 50.76398 |
| #3 | .1894164 | 310.0253 | .3757364 | .1982305 | .4563336 | 38.84984 | 2.002854 | 51.21665 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5107925 | .0741200 | 36.33239 | .3253138 | .4306719 | 81.51179 | .5299357 | .4066478 |
| Stddev | .0026407 | .0003075 | .28173   | .0044859 | .0042458 | .69525   | .0082097 | .0008244 |
| %RSD   | .5169735 | .4148047 | .7754223 | 1.378939 | .9858497 | .8529424 | 1.549187 | .2027211 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5080888 | .0739155 | 36.08340 | .3204492 | .4277211 | 80.78382 | .5205607 | .4060668 |
| #2 | .5109235 | .0739709 | 36.27558 | .3262049 | .4287566 | 81.58268 | .5334062 | .4062853 |
| #3 | .5133653 | .0744736 | 36.63820 | .3292872 | .4355379 | 82.16888 | .5358402 | .4075913 |

Sample Name: O2521-10      Acquired: 5/4/2023 16:25:04      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: O2521-07MSD      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820            | Li6707          | Sr4077          | Ce4040            |
|-----------|-----------------|-----------------|-------------------|-----------------|-------------------|-----------------|-----------------|-------------------|
| Units     | ppm             | ppm             | ppm               | ppm             | ppm               | ppm             | ppm             | Cts/S             |
| Avg       | <b>.6874905</b> | <b>.2358994</b> | <b>F 25.75387</b> | <b>7.409257</b> | <b>F 28.81815</b> | <b>.2762756</b> | <b>1.714551</b> | <b>z *****</b>    |
| Stddev    | .0031223        | .0031487        | .21688            | .048066         | .10487            | .0073242        | .022911         | -----             |
| %RSD      | .4541551        | 1.334761        | .8421307          | .6487335        | .3638912          | 2.651051        | 1.336274        | -----             |
| #1        | .6852434        | .2323569        | 25.59778          | 7.373133        | 28.73341          | .2680589        | 1.689295        | <b>z 10367.83</b> |
| #2        | .6861725        | .2369617        | 25.66233          | 7.390827        | 28.78563          | .2786498        | 1.720358        | <b>z 10386.68</b> |
| #3        | .6910557        | .2383795        | 26.00152          | 7.463811        | 28.93543          | .2821182        | 1.733999        | <b>z 10380.90</b> |
| Int. Std. | Y_2243          | Y_3600          | Y_3710            | Y_2243          | In2306            |                 |                 |                   |
| Units     | Cts/S           | Cts/S           | Cts/S             | Cts/S           | Cts/S             |                 |                 |                   |
| Avg       | <b>3922.290</b> | <b>75350.39</b> | <b>7313.295</b>   | <b>3323.716</b> | <b>3500.906</b>   |                 |                 |                   |
| Stddev    | 3.296           | 440.84          | 91.670            | 29.941          | 8.582             |                 |                 |                   |
| %RSD      | .0840401        | .5850539        | 1.253470          | .9008356        | .2451399          |                 |                 |                   |
| #1        | 3924.782        | 75776.98        | 7416.997          | 3348.050        | 3506.556          |                 |                 |                   |
| #2        | 3923.536        | 75377.63        | 7279.823          | 3332.818        | 3505.131          |                 |                 |                   |
| #3        | 3918.552        | 74896.56        | 7243.066          | 3290.280        | 3491.030          |                 |                 |                   |

Sample Name: O2521-07A      Acquired: 5/4/2023 16:28:45      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: GMW-7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8485069 | 1.914713 | 1.092872 | 2.052476 | .8421226 | 6.186780 | .7821694 | .1916506 |
| Stddev | .0044353 | .011229  | .004640  | .006878  | .0032133 | .156227  | .0175600 | .0033100 |
| %RSD   | .5227215 | .5864647 | .4245738 | .3351231 | .3815779 | 2.525180 | 2.245041 | 1.727121 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8520807 | 1.926314 | 1.096526 | 2.060022 | .8445596 | 6.032157 | .7666864 | .1891159 |
| #2 | .8498969 | 1.913928 | 1.094439 | 2.050850 | .8433273 | 6.183621 | .7785723 | .1904404 |
| #3 | .8435430 | 1.903896 | 1.087652 | 2.046556 | .8384810 | 6.344563 | .8012494 | .1953954 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1942486 | 288.0271 | .4036849 | .2021026 | .4221214 | 12.15028 | .7055570 | 55.65947 |
| Stddev | .0011450 | 6.0961   | .0065018 | .0009361 | .0013217 | .21817   | .0163686 | 1.14157  |
| %RSD   | .5894664 | 2.116485 | 1.610604 | .4631855 | .3131103 | 1.795627 | 2.319962 | 2.050994 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1949785 | 282.6162 | .3983507 | .2026507 | .4224730 | 11.96229 | .6918020 | 54.75322 |
| #2 | .1948385 | 286.8335 | .4017768 | .2026354 | .4232318 | 12.09903 | .7012081 | 55.28360 |
| #3 | .1929290 | 294.6317 | .4109273 | .2010217 | .4206595 | 12.38952 | .7236609 | 56.94158 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5319323 | .0793616 | 67.40209 | .3067214 | .5685540 | 50.95939 | 1.111033 | .4148597 |
| Stddev | .0020829 | .0011815 | 1.09997  | .0077306 | .0058904 | .89904   | .018310  | .0019888 |
| %RSD   | .3915693 | 1.488704 | 1.631949 | 2.520398 | 1.036036 | 1.764233 | 1.648057 | .4793836 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5337106 | .0788963 | 66.61077 | .3014531 | .5681340 | 50.21590 | 1.097572 | .4164481 |
| #2 | .5324454 | .0784836 | 66.93735 | .3031149 | .5628848 | 50.70370 | 1.103644 | .4155017 |
| #3 | .5296408 | .0807048 | 68.65815 | .3155962 | .5746432 | 51.95859 | 1.131884 | .4126292 |

Sample Name: O2521-07A      Acquired: 5/4/2023 16:28:45      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: GMW-7      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   | Sr4077   | Ce4040     |
|-----------|----------|----------|------------|----------|------------|----------|----------|------------|
| Units     | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      | ppm      | Cts/S      |
| Avg       | .6967833 | .4139876 | F 29.03019 | 6.519009 | F 36.79863 | .3067274 | 2.065199 | z *****    |
| Stddev    | .0056725 | .0090899 | .52596     | .027321  | .18620     | .0098854 | .044205  | -----      |
| %RSD      | .8140965 | 2.195697 | 1.811761   | .4190977 | .5059851   | 3.222862 | 2.140495 | -----      |
| #1        | .7014184 | .4051810 | 28.61248   | 6.518091 | 36.95656   | .2972320 | 2.025369 | z 10527.24 |
| #2        | .6984736 | .4134452 | 28.85723   | 6.546778 | 36.84600   | .3059887 | 2.057468 | z 10547.26 |
| #3        | .6904577 | .4233365 | 29.62084   | 6.492159 | 36.59332   | .3169614 | 2.112760 | z 10584.84 |
| Int. Std. | Y_2243   | Y_3600   | Y_3710     | Y_2243   | In2306     |          |          |            |
| Units     | Cts/S    | Cts/S    | Cts/S      | Cts/S    | Cts/S      |          |          |            |
| Avg       | 3909.171 | 72830.09 | 6971.603   | 3201.298 | 3525.904   |          |          |            |
| Stddev    | 18.874   | 837.97   | 103.323    | 30.857   | 19.987     |          |          |            |
| %RSD      | .4828013 | 1.150584 | 1.482056   | .9638934 | .5668619   |          |          |            |
| #1        | 3891.102 | 73349.44 | 7054.668   | 3203.911 | 3506.649   |          |          |            |
| #2        | 3907.653 | 73277.46 | 7004.237   | 3230.765 | 3524.512   |          |          |            |
| #3        | 3928.757 | 71863.38 | 6855.903   | 3169.217 | 3546.551   |          |          |            |

Sample Name: O2521-14      Acquired: 5/4/2023 16:32:25      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: FB      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017725 | -.000237 | .0008140 | .0018650 | .0015267 | .0061086 | .0014572 | -.000074 | .0000090 |
| Stddev | .0016241 | .001031  | .0014341 | .0018906 | .0005481 | .0084867 | .0008024 | .000064  | .0000678 |
| %RSD   | 91.62645 | 434.8434 | 176.1801 | 101.3695 | 35.89759 | 138.9293 | 55.06649 | 85.96465 | 758.3505 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0036108 | .000625  | .0023500 | .0007459 | .0021033 | -.003690 | .0016196 | -.000146 | -.000023 |
| #2 | .0005321 | .000042  | -.000490 | .0040478 | .0010126 | .011148  | .0005860 | -.000049 | .000087  |
| #3 | .0011747 | -.001378 | .000582  | .0008014 | .0014642 | .010867  | .0021659 | -.000027 | -.000037 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1008717 | .0017030 | -.000216 | .0005207 | .0297663 | .0017542 | -.001003 | .0005690 | -.000051 |
| Stddev | .0076290 | .0005393 | .000150  | .0002097 | .0024512 | .0001072 | .013610  | .0004105 | .000343  |
| %RSD   | 7.563073 | 31.66653 | 69.27266 | 40.27781 | 8.234780 | 6.109520 | 1356.686 | 72.14707 | 668.9403 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1073832 | .0018995 | -.000275 | .0006572 | .0319483 | .0018779 | -.016603 | .0008530 | -.000274 |
| #2 | .0924777 | .0021166 | -.000046 | .0006257 | .0302365 | .0016947 | .008442  | .0000983 | -.000224 |
| #3 | .1027543 | .0010931 | -.000328 | .0002792 | .0271140 | .0016900 | .005151  | .0007558 | .000344  |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4806356 | -.000510 | .0043400 | .0655475 | .0044021 | -.000332 | .0029215 | .0089103 | .0594132 |
| Stddev | .0223563 | .003553  | .0003570 | .0181956 | .0005152 | .000087  | .0002336 | .0011899 | .0146475 |
| %RSD   | 4.651413 | 696.1120 | 8.225569 | 27.75944 | 11.70394 | 26.26366 | 7.996972 | 13.35451 | 24.65354 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4709331 | .002489  | .0047076 | .0446182 | .0048995 | -.000342 | .0027215 | .0102651 | .0486694 |
| #2 | .5062040 | -.004435 | .0043178 | .0776104 | .0038708 | -.000413 | .0028647 | .0080346 | .0534725 |
| #3 | .4647696 | .000415  | .0039947 | .0744139 | .0044360 | -.000240 | .0031783 | .0084312 | .0760978 |

Sample Name: O2521-14      Acquired: 5/4/2023 16:32:25      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: FB      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0101231 | .0338060 | -.000032 | .0002550 | z ***** |
| Stddev | .0011929 | .0019828 | .004109  | .0000734 | -----   |
| %RSD   | 11.78410 | 5.865340 | 12863.68 | 28.77170 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | .0103169 | .0315194 | .000207  | .0003337 | z 3502.590 |
| #2 | .0112072 | .0348470 | .003952  | .0001885 | z 3499.834 |
| #3 | .0088451 | .0350515 | -.004255 | .0002428 | z 3528.344 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4352.019 | 81326.80 | 7204.633 | 3560.372 | 4290.484 |
| Stddev    | 50.551   | 114.95   | 8.148    | 1.817    | 41.575   |
| %RSD      | 1.161542 | .1413372 | .1130939 | .0510464 | .9690096 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4295.071 | 81217.77 | 7199.630 | 3558.690 | 4243.992 |
| #2 | 4391.587 | 81315.76 | 7214.035 | 3560.127 | 4324.091 |
| #3 | 4369.398 | 81446.86 | 7200.233 | 3562.300 | 4303.371 |

Sample Name: O2521-15      Acquired: 5/4/2023 16:36:27      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: FB      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          | Be2348          | Cd2265          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000335</b> | <b>-.000737</b> | <b>.0015750</b> | <b>.0003290</b> | <b>-.000635</b> | <b>.0554270</b> | <b>.0208506</b> | <b>-.000048</b> | <b>.0005761</b> |
| Stddev | .001092         | .000584         | .0010957        | .0043059        | .003387         | .0088965        | .0003172        | .000061         | .0000689        |
| %RSD   | 326.1496        | 79.25298        | 69.56878        | 1308.851        | 533.1314        | 16.05077        | 1.521493        | 128.2802        | 11.95204        |

|    |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001487</b> | <b>-.000250</b> | <b>.0020125</b> | <b>.0052779</b> | <b>.000170</b>  | <b>.0556413</b> | <b>.0207360</b> | <b>-.000023</b> | <b>.0005113</b> |
| #2 | <b>-.000202</b> | <b>-.000575</b> | <b>.0023843</b> | <b>-.002560</b> | <b>.002276</b>  | <b>.0464254</b> | <b>.0212093</b> | <b>-.000117</b> | <b>.0006484</b> |
| #3 | <b>.000685</b>  | <b>-.001384</b> | <b>.0003281</b> | <b>-.001731</b> | <b>-.004352</b> | <b>.0642145</b> | <b>.0206066</b> | <b>-.000003</b> | <b>.0005685</b> |

|        |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.474969</b> | <b>.0004817</b> | <b>-.000190</b> | <b>.0088267</b> | <b>.2625330</b> | <b>.0770726</b> | <b>.0738269</b> | <b>.0015705</b> | <b>-.000137</b> |
| Stddev | .034582         | .0001182        | .000258         | .0006912        | .0011269        | .0009121        | .0233012        | .0000583        | .000168         |
| %RSD   | .9951631        | 24.53803        | 135.9879        | 7.831254        | .4292351        | 1.183403        | 31.56188        | 3.712790        | 122.9985        |

|    |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3.460284</b> | <b>.0003552</b> | <b>-.000442</b> | <b>.0087467</b> | <b>.2630957</b> | <b>.0765540</b> | <b>.0719479</b> | <b>.0015046</b> | <b>.000030</b>  |
| #2 | <b>3.514470</b> | <b>.0005894</b> | <b>-.000200</b> | <b>.0095545</b> | <b>.2632678</b> | <b>.0781257</b> | <b>.0980106</b> | <b>.0015915</b> | <b>-.000134</b> |
| #3 | <b>3.450154</b> | <b>.0005005</b> | <b>.000073</b>  | <b>.0081789</b> | <b>.2612356</b> | <b>.0765380</b> | <b>.0515221</b> | <b>.0016153</b> | <b>-.000307</b> |

|        |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2099766</b> | <b>-.000368</b> | <b>.0461731</b> | <b>.1794714</b> | <b>.0029469</b> | <b>-.000497</b> | <b>.0028131</b> | <b>.0101595</b> | <b>.1648886</b> |
| Stddev | .0152239        | .000737         | .0004946        | .0231992        | .0009678        | .000167         | .0002318        | .0007559        | .0038570        |
| %RSD   | 7.250293        | 200.3111        | 1.071259        | 12.92639        | 32.84217        | 33.51843        | 8.240862        | 7.440070        | 2.339169        |

|    |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1945615</b> | <b>-.000071</b> | <b>.0459592</b> | <b>.1884382</b> | <b>.0019276</b> | <b>-.000313</b> | <b>.0029640</b> | <b>.0108696</b> | <b>.1610676</b> |
| #2 | <b>.2103665</b> | <b>.000174</b>  | <b>.0467387</b> | <b>.1968490</b> | <b>.0030597</b> | <b>-.000638</b> | <b>.0025462</b> | <b>.0093649</b> | <b>.1648175</b> |
| #3 | <b>.2250019</b> | <b>-.001207</b> | <b>.0458214</b> | <b>.1531271</b> | <b>.0038534</b> | <b>-.000541</b> | <b>.0029292</b> | <b>.0102439</b> | <b>.1687807</b> |

Sample Name: O2521-15      Acquired: 5/4/2023 16:36:27      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: FB      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0320876 | 1.583176 | -.001099 | .0133225 | z ***** |
| Stddev | .0025179 | .005828  | .002769  | .0001362 | -----   |
| %RSD   | 7.846945 | .3681265 | 251.9816 | 1.022122 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | .0349616 | 1.579766 | -.004292 | .0132204 | z 3592.814 |
| #2 | .0302701 | 1.589906 | .000644  | .0134771 | z 3600.320 |
| #3 | .0310312 | 1.579856 | .000351  | .0132700 | z 3612.186 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4236.077 | 79598.12 | 7201.126 | 3525.407 | 4160.422 |
| Stddev    | 8.016    | 137.96   | 23.565   | 11.455   | 3.452    |
| %RSD      | .1892342 | .1733223 | .3272421 | .3249238 | .0829615 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4239.332 | 79439.42 | 7202.961 | 3513.747 | 4164.400 |
| #2 | 4226.945 | 79665.49 | 7176.697 | 3536.646 | 4158.223 |
| #3 | 4241.953 | 79689.46 | 7223.720 | 3525.828 | 4158.643 |



Sample Name: CCV04      Acquired: 5/4/2023 16:52:01      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: O2521-08MSD      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.976849 | 4.908368 | 4.954247 | 5.166333 | 5.225533 | 9.490669 | 9.961555 | .2387187 | 2.388484 |
| Stddev | .012436  | .027338  | .027620  | .014907  | .019557  | .112369  | .066397  | .0009365 | .008518  |
| %RSD   | .2498702 | .5569739 | .5575054 | .2885473 | .3742639 | 1.183992 | .6665355 | .3922844 | .3566286 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.977692 | 4.936947 | 4.985054 | 5.176051 | 5.244411 | 9.360968 | 9.894211 | .2376374 | 2.397623 |
| #2 | 4.988842 | 4.905691 | 4.945987 | 5.173779 | 5.226827 | 9.558667 | 9.963491 | .2392552 | 2.387065 |
| #3 | 4.964014 | 4.882467 | 4.931698 | 5.149170 | 5.205360 | 9.552373 | 10.02696 | .2392636 | 2.380765 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.32451 | .9670849 | 2.476589 | 1.285037 | 5.014111 | 2.540774 | 24.42729 | 2.518252 | 1.336620 |
| Stddev | .30111   | .0022022 | .011199  | .002977  | .061003  | .022308  | .26861   | .011394  | .004463  |
| %RSD   | 1.290942 | .2277123 | .4522135 | .2316287 | 1.216627 | .8780008 | 1.099635 | .4524520 | .3339221 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 22.97693 | .9649724 | 2.488558 | 1.287673 | 4.943976 | 2.515044 | 24.12421 | 2.530911 | 1.332219 |
| #2 | 23.50579 | .9669154 | 2.474845 | 1.285630 | 5.043502 | 2.552591 | 24.63591 | 2.515027 | 1.336499 |
| #3 | 23.49080 | .9693670 | 2.466364 | 1.281809 | 5.054854 | 2.554689 | 24.52175 | 2.508818 | 1.341143 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.68221 | 2.385831 | 2.580352 | 25.14901 | 5.014397 | 5.020751 | 4.743210 | 4.831411 | 4.916101 |
| Stddev | .22619   | .034880  | .001546  | .25942   | .020330  | .015231  | .019071  | .056422  | .083869  |
| %RSD   | .9164039 | 1.461953 | .0599075 | 1.031521 | .4054278 | .3033535 | .4020698 | 1.167824 | 1.706001 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.42103 | 2.346112 | 2.579025 | 24.84976 | 4.991436 | 5.035431 | 4.762904 | 4.767141 | 4.820598 |
| #2 | 24.81235 | 2.399910 | 2.582049 | 25.31028 | 5.021646 | 5.021799 | 4.741896 | 4.872793 | 4.977754 |
| #3 | 24.81325 | 2.411470 | 2.579981 | 25.28698 | 5.030108 | 5.005024 | 4.724830 | 4.854298 | 4.949953 |

Sample Name: CCV04      Acquired: 5/4/2023 16:52:01      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: O2521-08MSD      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.983901 | 4.939247 | 4.743374 | 5.223926 | z ***** |
| Stddev | .012390  | .027211  | .068417  | .024744  | -----   |
| %RSD   | .2486099 | .5509157 | 1.442374 | .4736640 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | 4.998081 | 4.970048 | 4.664431 | 5.200527 | z 3868.015 |
| #2 | 4.975160 | 4.929228 | 4.785478 | 5.249825 | z 3852.048 |
| #3 | 4.978463 | 4.918467 | 4.780213 | 5.221427 | z 3861.372 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4229.057 | 77209.13 | 7426.135 | 3480.300 | 3836.225 |
| Stddev    | 17.843   | 124.04   | 21.181   | 2.656    | 22.040   |
| %RSD      | .4219062 | .1606548 | .2852246 | .0763291 | .5745128 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4212.765 | 77352.05 | 7449.871 | 3482.659 | 3813.574 |
| #2 | 4226.282 | 77129.57 | 7409.160 | 3477.423 | 3837.503 |
| #3 | 4248.125 | 77145.76 | 7419.373 | 3480.819 | 3857.597 |

Sample Name: CCB04      Acquired: 5/4/2023 16:55:56      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000685 | .0016381 | .0000190 | .0006158 | -.001528 | -.010532 | .0007855 | .0000212 | -.000021 |
| Stddev | .000473  | .0024545 | .0006698 | .0005660 | .001989  | .008229  | .0006716 | .0000399 | .000009  |
| %RSD   | 69.01749 | 149.8439 | 3532.043 | 91.91300 | 130.1549 | 78.13466 | 85.50297 | 188.2611 | 40.61791 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000639 | .0029790 | .0007897 | .0001893 | -.002038 | -.007367 | .0008491 | -.000014 | -.000028 |
| #2 | -.000236 | .0031300 | -.000311 | .0012578 | -.003213 | -.004355 | .0014230 | .000013  | -.000012 |
| #3 | -.001178 | -.001195 | -.000422 | .0004002 | .000666  | -.019873 | .0000843 | .000065  | -.000025 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.007181 | -.000098 | -.000078 | -.000061 | -.001679 | -.000066 | -.005292 | .0000640 | .0001101 |
| Stddev | .006008  | .000081  | .000062  | .000561  | .002041  | .000080  | .010321  | .0003591 | .0002503 |
| %RSD   | 83.66441 | 82.65413 | 79.96299 | 923.7475 | 121.5658 | 122.5352 | 195.0375 | 560.8632 | 227.2462 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000325 | -.000015 | -.000006 | .000587  | -.003577 | .000008  | -.014315 | .0004687 | .0000372 |
| #2 | -.011525 | -.000102 | -.000117 | -.000373 | -.001942 | -.000053 | .005962  | -.000060 | -.000096 |
| #3 | -.009694 | -.000178 | -.000109 | -.000395 | .000481  | -.000151 | -.007521 | -.000217 | .000389  |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0444620 | .0008559 | -.000770 | .0585954 | .0135341 | .0014411 | -.000277 | .0091494 | .0005088 |
| Stddev | .0071957 | .0006496 | .000195  | .0166821 | .0008126 | .0004124 | .000346  | .0018273 | .0095278 |
| %RSD   | 16.18394 | 75.89726 | 25.32693 | 28.46989 | 6.004433 | 28.61808 | 125.0689 | 19.97237 | 1872.444 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0509313 | .0009872 | -.000994 | .0754152 | .0144666 | .0018087 | -.000620 | .0088583 | .0059442 |
| #2 | .0367119 | .0014298 | -.000635 | .0583166 | .0129772 | .0015194 | -.000284 | .0111048 | .0060749 |
| #3 | .0457429 | .0001507 | -.000682 | .0420546 | .0131585 | .0009951 | .000073  | .0074851 | -.010493 |

Sample Name: CCB04      Acquired: 5/4/2023 16:55:56      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |                  |                  |                  |                 |                |
|--------|------------------|------------------|------------------|-----------------|----------------|
| Elem   | P_1774           | S_1820           | Li6707           | Sr4077          | Ce4040         |
| Units  | ppm              | ppm              | ppm              | ppm             | Cts/S          |
| Avg    | <b>-0.001438</b> | <b>-0.003486</b> | <b>-0.001643</b> | <b>.0000329</b> | <b>z *****</b> |
| Stddev | .001733          | .000866          | .003490          | .0000733        | -----          |
| %RSD   | 120.5042         | 24.83618         | 212.4429         | 222.7651        | -----          |

|    |                  |                  |                  |                  |                   |
|----|------------------|------------------|------------------|------------------|-------------------|
| #1 | <b>-0.003073</b> | <b>-0.002553</b> | <b>-0.005541</b> | <b>.0001162</b>  | <b>z 3607.371</b> |
| #2 | <b>-0.001620</b> | <b>-0.003641</b> | <b>-0.000578</b> | <b>-0.000022</b> | <b>z 3595.865</b> |
| #3 | <b>.000378</b>   | <b>-0.004264</b> | <b>.001190</b>   | <b>.000004</b>   | <b>z 3595.823</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>4353.857</b> | <b>81967.93</b> | <b>7457.356</b> | <b>3643.491</b> | <b>4299.323</b> |
| Stddev    | 7.850           | 94.44           | 59.613          | 11.602          | 6.367           |
| %RSD      | .1803005        | .1152206        | .7993857        | .3184438        | .1481001        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>4345.088</b> | <b>82065.24</b> | <b>7462.905</b> | <b>3651.394</b> | <b>4293.005</b> |
| #2 | <b>4360.228</b> | <b>81961.92</b> | <b>7395.163</b> | <b>3648.908</b> | <b>4305.738</b> |
| #3 | <b>4356.255</b> | <b>81876.64</b> | <b>7514.001</b> | <b>3630.171</b> | <b>4299.227</b> |

Sample Name: O2513-01DLX10      Acquired: 5/4/2023 16:59:59      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012178 | .0009093 | -.000111 | .0014524 | -.000824 | .0315580 | .2451493 | .0000733 |
| Stddev | .0013965 | .0003368 | .000428  | .0022969 | .000774  | .0063817 | .0012693 | .0000705 |
| %RSD   | 114.6756 | 37.03503 | 386.2903 | 158.1516 | 93.93689 | 20.22222 | .5177783 | 96.17618 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002286 | .0011850 | -.000460 | -.001154 | -.001674 | .0244634 | .2437553 | .0000040 |
| #2 | .0006094 | .0010089 | .000367  | .002329  | -.000159 | .0368307 | .2454541 | .0000710 |
| #3 | .0028152 | .0005340 | -.000239 | .003182  | -.000640 | .0333797 | .2462384 | .0001450 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000031 | 18.93873 | .0150773 | .0035001 | .0008148 | 2.381510 | .1062289 | 8.656744 |
| Stddev | .000093  | .16404   | .0001518 | .0001371 | .0000639 | .014619  | .0008668 | .065878  |
| %RSD   | 301.1852 | .8661824 | 1.006733 | 3.915853 | 7.838449 | .6138677 | .8160009 | .7609971 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000060  | 18.75516 | .0149046 | .0033571 | .0007630 | 2.375143 | .1053129 | 8.581001 |
| #2 | -.000028 | 18.99004 | .0151381 | .0036303 | .0007951 | 2.398233 | .1063372 | 8.688529 |
| #3 | -.000125 | 19.07099 | .0151894 | .0035128 | .0008861 | 2.371154 | .1070364 | 8.700703 |

|        |          |          |            |          |          |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0073257 | -.000395 | F 207.9982 | .0103974 | .0021312 | 23.87862 | .5465738 | .0007696 |
| Stddev | .0002892 | .000251  | 2.7357     | .0012972 | .0001896 | .14293   | .0052091 | .0002117 |
| %RSD   | 3.947115 | 63.47596 | 1.315240   | 12.47666 | 8.895284 | .5985837 | .9530493 | 27.50582 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0074639 | -.000592 | 206.2549 | .0089099 | .0022272 | 23.77621 | .5419411 | .0005254 |
| #2 | .0069933 | -.000481 | 211.1513 | .0109885 | .0019128 | 24.04191 | .5455676 | .0008819 |
| #3 | .0075198 | -.000113 | 206.5886 | .0112938 | .0022535 | 23.81773 | .5522126 | .0009013 |

Sample Name: O2513-01DLX10      Acquired: 5/4/2023 16:59:59      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040     |
|-----------|----------|----------|----------|----------|----------|----------|----------|------------|
| Units     | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | Cts/S      |
| Avg       | .0204653 | .0237286 | 3.232232 | .4105903 | 2.370060 | .0139722 | .1446775 | z *****    |
| Stddev    | .0003027 | .0006146 | .028482  | .0018470 | .011915  | .0013670 | .0012296 | -----      |
| %RSD      | 1.479273 | 2.590274 | .8811851 | .4498368 | .5027152 | 9.783923 | .8499088 | -----      |
| #1        | .0201344 | .0242496 | 3.231221 | .4084887 | 2.380470 | .0129131 | .1433480 | z 3812.737 |
| #2        | .0205331 | .0238855 | 3.261206 | .4119558 | 2.372644 | .0134880 | .1449104 | z 3799.900 |
| #3        | .0207284 | .0230507 | 3.204269 | .4113263 | 2.357065 | .0155154 | .1457740 | z 3808.283 |
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |          |          |            |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |          |          |            |
| Avg       | 4129.679 | 74558.25 | 7371.139 | 3383.835 | 3750.703 |          |          |            |
| Stddev    | 19.258   | 163.94   | 63.362   | 14.028   | 15.388   |          |          |            |
| %RSD      | .4663249 | .2198783 | .8596006 | .4145514 | .4102795 |          |          |            |
| #1        | 4140.035 | 74664.66 | 7426.167 | 3380.016 | 3757.562 |          |          |            |
| #2        | 4141.542 | 74369.46 | 7385.383 | 3372.112 | 3761.470 |          |          |            |
| #3        | 4107.459 | 74640.63 | 7301.867 | 3399.376 | 3733.078 |          |          |            |

Sample Name: O2566-08      Acquired: 5/4/2023 17:04:05      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: AUD-1992      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0092452 | -.000535 | .0905743 | .0032740 | -.000149 | .0630077 | .2895237 | .0000872 | .0014889 |
| Stddev | .0037488 | .001251  | .0018564 | .0015210 | .001297  | .0073953 | .0018683 | .0000630 | .0000444 |
| %RSD   | 40.54899 | 234.0408 | 2.049540 | 46.45614 | 871.6697 | 11.73715 | .6453068 | 72.28471 | 2.980037 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0053414 | -.001285 | .0926816 | .0042263 | -.000249 | .0602225 | .2887542 | .0000435 | .0015373 |
| #2 | .0128170 | .000910  | .0898605 | .0015199 | .001195  | .0574094 | .2916538 | .0001594 | .0014791 |
| #3 | .0095771 | -.001228 | .0891808 | .0040757 | -.001392 | .0713912 | .2881630 | .0000586 | .0014502 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6575602 | .0009568 | .0019826 | .8093847 | 3.932464 | .2828521 | .1279059 | .0298506 | .0000582 |
| Stddev | .0047323 | .0002428 | .0001422 | .0125796 | .009425  | .0013077 | .0132921 | .0004449 | .0001332 |
| %RSD   | .7196781 | 25.37222 | 7.172077 | 1.554211 | .2396619 | .4623276 | 10.39209 | 1.490306 | 228.9378 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6531867 | .0007621 | .0021434 | .8237164 | 3.929436 | .2818198 | .1125607 | .0303642 | -.000020 |
| #2 | .6625840 | .0008795 | .0019308 | .8042675 | 3.943030 | .2843226 | .1353076 | .0295953 | -.000018 |
| #3 | .6569099 | .0012288 | .0018736 | .8001702 | 3.924925 | .2824137 | .1358495 | .0295921 | .000212  |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 369.9414 | .0009688 | .3785295 | .5035342 | .0884265 | .0000450 | .0015111 | .0089593 | .3897534 |
| Stddev | 2.9133   | .0024873 | .0009901 | .0179136 | .0012079 | .0001184 | .0006394 | .0008442 | .0060888 |
| %RSD   | .7875155 | 256.7453 | .2615792 | 3.557573 | 1.365945 | 263.3584 | 42.31725 | 9.423067 | 1.562222 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 366.8274 | .0038196 | .3783037 | .5107568 | .0883633 | -.000061 | .0021577 | .0091601 | .3957739 |
| #2 | 370.3961 | -.000154 | .3796131 | .4831368 | .0896647 | .000023  | .0008790 | .0096849 | .3898877 |
| #3 | 372.6006 | -.000759 | .3776718 | .5167090 | .0872515 | .000173  | .0014965 | .0080327 | .3835985 |

Sample Name: O2566-08      Acquired: 5/4/2023 17:04:05      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: AUD-1992      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0045586 | 1.361274 | -.002145 | .0027417 | z ***** |
| Stddev | .0022987 | .017752  | .003275  | .0000079 | -----   |
| %RSD   | 50.42442 | 1.304078 | 152.6396 | .2896468 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | .0019384 | 1.381199 | -.004948 | .0027379 | z 3552.439 |
| #2 | .0062356 | 1.355484 | -.002943 | .0027508 | z 3550.432 |
| #3 | .0055018 | 1.347140 | .001454  | .0027364 | z 3565.305 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4115.483 | 73836.22 | 7131.849 | 3309.359 | 3759.324 |
| Stddev    | 78.217   | 273.46   | 19.459   | 14.597   | 66.985   |
| %RSD      | 1.900545 | .3703588 | .2728528 | .4410882 | 1.781839 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4027.543 | 73567.69 | 7146.887 | 3301.632 | 3685.824 |
| #2 | 4141.632 | 73826.60 | 7109.871 | 3300.249 | 3775.208 |
| #3 | 4177.276 | 74114.35 | 7138.789 | 3326.195 | 3816.939 |



Sample Name: O2566-09      Acquired: 5/4/2023 17:08:10      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: AUD-1993      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0123955 | -.001695 | .1041130 | .0013942 | .0011617 | .0866314 | .2152309 | .0000459 | .0018641 |
| Stddev | .0010108 | .001833  | .0024374 | .0033965 | .0021696 | .0120726 | .0053384 | .0000629 | .0001452 |
| %RSD   | 8.154743 | 108.1941 | 2.341124 | 243.6202 | 186.7556 | 13.93558 | 2.480329 | 137.1187 | 7.791725 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0119337 | -.000855 | .1013139 | -.002525 | -.000641 | .0870872 | .2111670 | .0000028 | .0017130 |
| #2 | .0135547 | -.003797 | .1057672 | .003486  | .000557  | .0984696 | .2132489 | .0001182 | .0018766 |
| #3 | .0116980 | -.000431 | .1052578 | .003221  | .003570  | .0743374 | .2212769 | .0000167 | .0020027 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.161740 | .0017494 | .0030455 | .6924752 | 6.434352 | .4475365 | .1745827 | .0386713 | -.000089 |
| Stddev | .025428  | .0002401 | .0001226 | .0135253 | .158560  | .0094029 | .0054813 | .0005203 | .000100  |
| %RSD   | 2.188791 | 13.72457 | 4.026223 | 1.953188 | 2.464275 | 2.101027 | 3.139672 | 1.345516 | 113.1314 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.146517 | .0019661 | .0031500 | .6770306 | 6.524160 | .4407897 | .1809021 | .0380774 | -.000009 |
| #2 | 1.147609 | .0014913 | .0030761 | .7022056 | 6.527622 | .4435427 | .1711173 | .0388893 | -.000056 |
| #3 | 1.191095 | .0017909 | .0029105 | .6981896 | 6.251273 | .4582770 | .1717286 | .0390471 | -.000201 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 375.0865 | -.001124 | .4592833 | .6228051 | .0748158 | -.000397 | .0011106 | .0097735 | .4855075 |
| Stddev | 9.3596   | .004043  | .0181669 | .0192117 | .0004479 | .000052  | .0001427 | .0015264 | .0264928 |
| %RSD   | 2.495323 | 359.8251 | 3.955486 | 3.084703 | .5986532 | 13.01321 | 12.84549 | 15.61731 | 5.456728 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 383.6387 | -.004911 | .4723543 | .6034332 | .0751368 | -.000412 | .0009648 | .0101746 | .4952030 |
| #2 | 376.5328 | -.001594 | .4669568 | .6418524 | .0750064 | -.000339 | .0012499 | .0110592 | .5057867 |
| #3 | 365.0879 | .003134  | .4385387 | .6231298 | .0743041 | -.000439 | .0011171 | .0080866 | .4555327 |

Sample Name: O2566-09      Acquired: 5/4/2023 17:08:10      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: AUD-1993      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0071899 | 1.612794 | .0001287 | .0005812 | z ***** |
| Stddev | .0009892 | .028003  | .0008126 | .0002295 | -----   |
| %RSD   | 13.75822 | 1.736295 | 631.5618 | 39.47915 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | .0083317 | 1.580813 | -.000332 | .0003652 | z 3638.351 |
| #2 | .0065944 | 1.624656 | -.000348 | .0005563 | z 3620.651 |
| #3 | .0066434 | 1.632914 | .001067  | .0008221 | z 3661.819 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4239.603 | 73446.99 | 7378.011 | 3343.617 | 3871.050 |
| Stddev    | 72.710   | 2390.17  | 119.026  | 107.037  | 58.824   |
| %RSD      | 1.715008 | 3.254281 | 1.613254 | 3.201243 | 1.519589 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4322.638 | 71683.65 | 7431.862 | 3260.756 | 3938.932 |
| #2 | 4187.335 | 72489.94 | 7460.595 | 3305.628 | 3835.051 |
| #3 | 4208.835 | 76167.38 | 7241.577 | 3464.467 | 3839.167 |

Sample Name: O2566-09DUP      Acquired: 5/4/2023 17:12:14      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: AUD-1993DUP      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0125706 | -.002273 | .1056467 | .0024685 | .0010370 | .0787543 | .1982716 | .0000249 | .0018995 |
| Stddev | .0020633 | .000766  | .0010679 | .0005812 | .0002063 | .0034674 | .0007785 | .0000388 | .0000257 |
| %RSD   | 16.41366 | 33.69858 | 1.010772 | 23.54319 | 19.89199 | 4.402838 | .3926618 | 155.9853 | 1.350802 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0104576 | -.003153 | .1054785 | .0022821 | .0012630 | .0781731 | .1987588 | .0000279 | .0019290 |
| #2 | .0126738 | -.001909 | .1046729 | .0020034 | .0009889 | .0756141 | .1973737 | .0000621 | .0018825 |
| #3 | .0145803 | -.001757 | .1067887 | .0031200 | .0008590 | .0824755 | .1986823 | -.000015 | .0018869 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.063385 | .0014527 | .0031484 | .6987537 | 5.842514 | .4136471 | .1678538 | .0393887 | .0004170 |
| Stddev | .011335  | .0002642 | .0000911 | .0125582 | .052881  | .0009025 | .0075936 | .0005638 | .0000248 |
| %RSD   | 1.065980 | 18.18590 | 2.893102 | 1.797231 | .9051099 | .2181843 | 4.523922 | 1.431291 | 5.952336 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.062669 | .0011479 | .0032319 | .6871229 | 5.796978 | .4137376 | .1741967 | .0392622 | .0004254 |
| #2 | 1.052425 | .0015950 | .0030512 | .6970690 | 5.830049 | .4127028 | .1594395 | .0388990 | .0004365 |
| #3 | 1.075062 | .0016152 | .0031622 | .7120693 | 5.900514 | .4145010 | .1699253 | .0400050 | .0003890 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 340.0679 | .0003156 | .4155645 | .5750892 | .0669658 | -.000620 | .0001476 | .0091008 | .4495584 |
| Stddev | 5.2622   | .0016707 | .0021644 | .0209494 | .0008644 | .000179  | .0005383 | .0008139 | .0049745 |
| %RSD   | 1.547391 | 529.3221 | .5208217 | 3.642809 | 1.290836 | 28.79380 | 364.6235 | 8.943597 | 1.106535 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 338.5259 | .0019872 | .4131546 | .5923749 | .0677939 | -.000469 | .0007271 | .0088846 | .4438144 |
| #2 | 335.7490 | -.001354 | .4161962 | .5517909 | .0670342 | -.000574 | .0000526 | .0084168 | .4524032 |
| #3 | 345.9289 | .000314  | .4173428 | .5811016 | .0660692 | -.000817 | -.000337 | .0100010 | .4524576 |

Sample Name: O2566-09DUP      Acquired: 5/4/2023 17:12:14      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: AUD-1993DUP      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0072666 | 1.631281 | -.000550 | .0006115 | z ***** |
| Stddev | .0023268 | .031649  | .005426  | .0000550 | -----   |
| %RSD   | 32.02085 | 1.940109 | 986.1566 | 8.986567 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | .0096915 | 1.607142 | -.005198 | .0006725 | z 3524.939 |
| #2 | .0070562 | 1.619589 | -.001865 | .0005962 | z 3494.378 |
| #3 | .0050521 | 1.667112 | .005412  | .0005658 | z 3523.320 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4221.770 | 80112.32 | 7913.286 | 3610.802 | 3853.004 |
| Stddev    | 52.598   | 385.62   | 34.035   | 2.694    | 45.283   |
| %RSD      | 1.245884 | .4813524 | .4301050 | .0746078 | 1.175257 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4272.479 | 80095.56 | 7874.434 | 3613.444 | 3895.376 |
| #2 | 4225.363 | 80506.05 | 7937.843 | 3610.903 | 3858.352 |
| #3 | 4167.467 | 79735.35 | 7927.580 | 3608.059 | 3805.285 |

Sample Name: O2566-09LX5      Acquired: 5/4/2023 17:16:17      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA11945      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024239 | -.000245 | .0214992 | -.000454 | -.000078 | .0174919 | .0395534 | .0000349 | .0003596 |
| Stddev | .0011139 | .001185  | .0004394 | .001058  | .000495  | .0130908 | .0007192 | .0000754 | .0000587 |
| %RSD   | 45.95629 | 482.5765 | 2.043862 | 233.3615 | 634.7433 | 74.83953 | 1.818321 | 215.7793 | 16.32882 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0034562 | .001108  | .0211047 | -.000597 | .000382  | .0273344 | .0403290 | -.000044 | .0003142 |
| #2 | .0025722 | -.000754 | .0214201 | -.001433 | -.000603 | .0225061 | .0394227 | .000041  | .0004259 |
| #3 | .0012432 | -.001091 | .0219728 | .000669  | -.000014 | .0026351 | .0389085 | .000107  | .0003388 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2023860 | -.000012 | .0007293 | .1441822 | 1.131103 | .0831116 | .0250348 | .0078040 | .0003526 |
| Stddev | .0085825 | .000215  | .0003147 | .0007732 | .003749  | .0003829 | .0130636 | .0002739 | .0002138 |
| %RSD   | 4.240644 | 1752.046 | 43.15148 | .5362585 | .3314319 | .4606978 | 52.18169 | 3.509154 | 60.62776 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1943613 | -.000024 | .0004595 | .1449390 | 1.131884 | .0826860 | .0208082 | .0079914 | .0005955 |
| #2 | .2114344 | -.000221 | .0006535 | .1433936 | 1.127024 | .0834281 | .0146078 | .0074897 | .0001931 |
| #3 | .2013624 | .000208  | .0010751 | .1442138 | 1.134399 | .0832205 | .0396884 | .0079308 | .0002692 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 66.20735 | -.000785 | .0830054 | .2572899 | .0139531 | -.000545 | .0000593 | .0097125 | .0776475 |
| Stddev | .10426   | .001341  | .0003558 | .0373831 | .0004083 | .000056  | .0002075 | .0003983 | .0123154 |
| %RSD   | .1574771 | 170.8812 | .4286263 | 14.52957 | 2.926499 | 10.29904 | 350.1180 | 4.101204 | 15.86059 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 66.23529 | -.002273 | .0827525 | .2186009 | .0136978 | -.000610 | -.000112 | .0093051 | .0881185 |
| #2 | 66.09196 | -.000408 | .0834122 | .2932135 | .0144241 | -.000513 | .000290  | .0097314 | .0807449 |
| #3 | 66.29479 | .000328  | .0828514 | .2600554 | .0137375 | -.000512 | -.000001 | .0101011 | .0640792 |

Sample Name: O2566-09LX5      Acquired: 5/4/2023 17:16:17      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA11945      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0016614 | .3092655 | .0042415 | .0001833 | z ***** |
| Stddev | .0017950 | .0008380 | .0011799 | .0000472 | -----   |
| %RSD   | 108.0412 | .2709666 | 27.81662 | 25.74668 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | .0005693 | .3083237 | .0049050 | .0001818 | z 3635.558 |
| #2 | .0037331 | .3099287 | .0049402 | .0001368 | z 3657.226 |
| #3 | .0006819 | .3095441 | .0028793 | .0002312 | z 3639.111 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4276.850 | 79859.02 | 7634.150 | 3612.469 | 4033.235 |
| Stddev    | 19.392   | 378.36   | 61.757   | 17.574   | 20.671   |
| %RSD      | .4534158 | .4737868 | .8089516 | .4864728 | .5125077 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4269.528 | 79581.89 | 7606.452 | 3603.337 | 4022.237 |
| #2 | 4298.837 | 79705.09 | 7591.091 | 3601.341 | 4057.079 |
| #3 | 4262.185 | 80290.09 | 7704.907 | 3632.728 | 4020.387 |

Sample Name: O2566-09MS      Acquired: 5/4/2023 17:20:16      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: AUD-1993MS      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7999732 | 1.782572 | 1.053414 | 1.949886 | .7688350 | 1.887938 | .4050197 | .1764162 | .1835320 |
| Stddev | .0047151 | .011392  | .006278  | .005427  | .0021755 | .014669  | .0001844 | .0003455 | .0008927 |
| %RSD   | .5894072 | .6390887 | .5959401 | .2783054 | .2829544 | .7769683 | .0455314 | .1958558 | .4863886 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7984302 | 1.785273 | 1.053538 | 1.950518 | .7693072 | 1.902088 | .4048255 | .1764549 | .1831291 |
| #2 | .7962230 | 1.770072 | 1.047075 | 1.944171 | .7664622 | 1.872800 | .4051924 | .1760529 | .1829118 |
| #3 | .8052665 | 1.792371 | 1.059629 | 1.954969 | .7707356 | 1.888925 | .4050412 | .1767407 | .1845551 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.055861 | .3629985 | .1903187 | 1.010421 | 8.955024 | .6470126 | 1.976185 | .5134114 | .0732253 |
| Stddev | .008504  | .0007920 | .0009386 | .003088  | .045640  | .0005734 | .009420  | .0017763 | .0003743 |
| %RSD   | .4136541 | .2181723 | .4931997 | .3055820 | .5096619 | .0886272 | .4767005 | .3459849 | .5111330 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.063387 | .3631561 | .1898326 | 1.011905 | 8.978762 | .6463505 | 1.985753 | .5141663 | .0732813 |
| #2 | 2.057559 | .3636998 | .1897227 | 1.006871 | 8.983903 | .6473398 | 1.975883 | .5113823 | .0728263 |
| #3 | 2.046635 | .3621396 | .1914007 | 1.012486 | 8.902406 | .6473475 | 1.966920 | .5146857 | .0735685 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 367.1167 | .2722912 | .6513587 | 10.67495 | .3406160 | .3764964 | .6304952 | .1935571 | 1.317955 |
| Stddev | 2.3868   | .0017701 | .0020902 | .00955   | .0024521 | .0015155 | .0034207 | .0015783 | .012124  |
| %RSD   | .6501405 | .6500812 | .3208943 | .0894744 | .7199113 | .4025240 | .5425484 | .8154210 | .9198773 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 367.6275 | .2719137 | .6492311 | 10.67164 | .3389686 | .3759204 | .6274100 | .1921062 | 1.324427 |
| #2 | 369.2067 | .2742196 | .6514356 | 10.66749 | .3394452 | .3753533 | .6299017 | .1952377 | 1.325468 |
| #3 | 364.5159 | .2707403 | .6534094 | 10.68571 | .3434340 | .3782154 | .6341738 | .1933273 | 1.303968 |

Sample Name: O2566-09MS      Acquired: 5/4/2023 17:20:16      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: AUD-1993MS      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 5.693542 | 1.684192 | .1762041 | .1998955 | z ***** |
| Stddev | .019060  | .008190  | .0027876 | .0001045 | -----   |
| %RSD   | .3347718 | .4862567 | 1.582026 | .0522802 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | 5.684119 | 1.676145 | .1738416 | .1998890 | z 9814.889 |
| #2 | 5.681027 | 1.683915 | .1754919 | .1997943 | z 9789.670 |
| #3 | 5.715478 | 1.692517 | .1792787 | .2000030 | z 9816.191 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4192.835 | 76586.51 | 7355.082 | 3447.982 | 3786.363 |
| Stddev    | 12.449   | 224.60   | 9.758    | 6.067    | 15.057   |
| %RSD      | .2969232 | .2932613 | .1326699 | .1759452 | .3976654 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4190.031 | 76383.84 | 7352.869 | 3443.071 | 3787.398 |
| #2 | 4206.447 | 76547.71 | 7365.756 | 3446.111 | 3800.875 |
| #3 | 4182.026 | 76827.98 | 7346.620 | 3454.763 | 3770.815 |



Sample Name: O2566-09MSD      Acquired: 5/4/2023 17:24:07      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: AUD-1993MSD      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8146437 | 1.810408 | 1.072092 | 1.979969 | .7838186 | 1.942484 | .4162211 | .1816361 | .1862218 |
| Stddev | .0044679 | .012167  | .009626  | .016288  | .0057022 | .013439  | .0020845 | .0005631 | .0014936 |
| %RSD   | .5484433 | .6720570 | .8978406 | .8226287 | .7274895 | .6918397 | .5008067 | .3100087 | .8020675 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8187487 | 1.822386 | 1.080491 | 1.997831 | .7894680 | 1.926966 | .4139610 | .1816667 | .1877548 |
| #2 | .8152974 | 1.810779 | 1.074197 | 1.976139 | .7839226 | 1.950302 | .4180680 | .1821833 | .1861397 |
| #3 | .8098850 | 1.798060 | 1.061588 | 1.965938 | .7780651 | 1.950184 | .4166345 | .1810584 | .1847710 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.109951 | .3706711 | .1939881 | 1.027997 | 9.173690 | .6653490 | 2.051787 | .5235882 | .0746219 |
| Stddev | .008441  | .0063138 | .0013589 | .010007  | .105918  | .0021532 | .010866  | .0040601 | .0013472 |
| %RSD   | .4000666 | 1.703347 | .7005226 | .9734218 | 1.154587 | .3236233 | .5295692 | .7754358 | 1.805357 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.105557 | .3775657 | .1953730 | 1.037218 | 9.268765 | .6628627 | 2.039588 | .5274314 | .0761647 |
| #2 | 2.104612 | .3692762 | .1939344 | 1.029416 | 9.192778 | .6666062 | 2.055347 | .5239917 | .0740237 |
| #3 | 2.119683 | .3651714 | .1926568 | 1.017356 | 9.059525 | .6665780 | 2.060426 | .5193414 | .0736775 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 375.5155 | .2797104 | .6630921 | 10.96165 | .3520336 | .3828410 | .6402253 | .1990466 | 1.364378 |
| Stddev | 6.3282   | .0023637 | .0117854 | .13431   | .0027336 | .0034307 | .0055805 | .0017323 | .025035  |
| %RSD   | 1.685211 | .8450555 | 1.777342 | 1.225316 | .7765019 | .8961213 | .8716468 | .8703149 | 1.834928 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 382.4452 | .2777696 | .6758492 | 11.10190 | .3545368 | .3862961 | .6453066 | .1970890 | 1.385579 |
| #2 | 374.0585 | .2790190 | .6608170 | 10.94884 | .3524473 | .3827917 | .6411165 | .1996696 | 1.370796 |
| #3 | 370.0430 | .2823427 | .6526101 | 10.83419 | .3491168 | .3794352 | .6342528 | .2003813 | 1.336758 |

Sample Name: O2566-09MSD      Acquired: 5/4/2023 17:24:07      Type: Unk  
 Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: AUD-1993MSD      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 5.825726 | 1.711345 | .1831481 | .2045914 | z ***** |
| Stddev | .066931  | .005829  | .0018102 | .0014547 | -----   |
| %RSD   | 1.148891 | .3405976 | .9883877 | .7110050 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | 5.894850 | 1.717795 | .1837952 | .2029207 | z 9764.573 |
| #2 | 5.821099 | 1.709784 | .1811033 | .2052764 | z 9783.367 |
| #3 | 5.761228 | 1.706455 | .1845459 | .2055770 | z 9748.852 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4115.445 | 74311.19 | 7092.897 | 3375.634 | 3721.615 |
| Stddev    | 66.106   | 1054.04  | 6.805    | 37.945   | 53.854   |
| %RSD      | 1.606284 | 1.418414 | .0959364 | 1.124084 | 1.447049 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4057.191 | 73211.86 | 7100.456 | 3335.768 | 3672.496 |
| #2 | 4101.855 | 74408.50 | 7090.978 | 3379.825 | 3713.148 |
| #3 | 4187.290 | 75313.20 | 7087.259 | 3411.310 | 3779.200 |

Sample Name: O2566-09A      Acquired: 5/4/2023 17:28:00      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB11945      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8380389 | 1.861491 | 1.085325 | 2.032397 | .7983597 | 1.997883 | .4056227 | .1835701 | .1905496 |
| Stddev | .0039631 | .004439  | .001845  | .002349  | .0013695 | .004586  | .0021109 | .0017320 | .0005109 |
| %RSD   | .4729044 | .2384541 | .1699646 | .1155733 | .1715415 | .2295343 | .5204010 | .9435064 | .2681232 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8337305 | 1.856444 | 1.087057 | 2.029999 | .7998872 | 2.002349 | .4039864 | .1855019 | .1900939 |
| #2 | .8415290 | 1.864787 | 1.085532 | 2.032499 | .7979504 | 1.998115 | .4080053 | .1821559 | .1904529 |
| #3 | .8388571 | 1.863241 | 1.083385 | 2.034693 | .7972415 | 1.993186 | .4048763 | .1830525 | .1911019 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.065954 | .3796397 | .1980620 | .9729106 | 8.900970 | .6347603 | 2.065713 | .5311655 | .0769207 |
| Stddev | .010997  | .0012175 | .0001290 | .0008688 | .076053  | .0004571 | .008722  | .0007750 | .0001429 |
| %RSD   | .5322971 | .3207000 | .0651317 | .0892990 | .8544392 | .0720056 | .4222506 | .1459053 | .1858041 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.055772 | .3809287 | .1979296 | .9725622 | 8.813154 | .6347283 | 2.073556 | .5302806 | .0770804 |
| #2 | 2.077616 | .3785093 | .1981873 | .9738996 | 8.945525 | .6352326 | 2.056319 | .5314924 | .0768046 |
| #3 | 2.064475 | .3794811 | .1980691 | .9722701 | 8.944231 | .6343201 | 2.067264 | .5317234 | .0768773 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 344.6624 | .2918678 | .6322557 | 11.27976 | .3481379 | .3931308 | .6514888 | .2044703 | 1.353405 |
| Stddev | .6629    | .0014414 | .0023980 | .07944   | .0020885 | .0008423 | .0027789 | .0014409 | .023979  |
| %RSD   | .1923277 | .4938595 | .3792767 | .7042764 | .5999073 | .2142661 | .4265418 | .7046723 | 1.771738 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 345.3889 | .2903701 | .6342743 | 11.18803 | .3502729 | .3923276 | .6499001 | .2041285 | 1.327772 |
| #2 | 344.5078 | .2919878 | .6328880 | 11.32513 | .3480416 | .3940075 | .6498688 | .2060513 | 1.357155 |
| #3 | 344.0904 | .2932455 | .6296050 | 11.32612 | .3460992 | .3930574 | .6546975 | .2032310 | 1.375287 |

Sample Name: O2566-09A      Acquired: 5/4/2023 17:28:00      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB11945      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 5.902954 | 1.578069 | .1859980 | .2114858 | z ***** |
| Stddev | .011071  | .001654  | .0006537 | .0004207 | -----   |
| %RSD   | .1875566 | .1047801 | .3514521 | .1989210 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | 5.890403 | 1.577474 | .1864897 | .2116426 | z 10138.53 |
| #2 | 5.907124 | 1.576795 | .1852562 | .2118056 | z 10136.08 |
| #3 | 5.911334 | 1.579937 | .1862481 | .2110092 | z 10123.88 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4246.343 | 77132.75 | 7414.827 | 3466.320 | 3847.314 |
| Stddev    | 11.225   | 122.79   | 51.697   | 11.077   | 6.011    |
| %RSD      | .2643393 | .1591921 | .6972130 | .3195623 | .1562331 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4236.077 | 76990.99 | 7356.685 | 3460.989 | 3840.380 |
| #2 | 4244.624 | 77206.04 | 7432.184 | 3458.916 | 3850.520 |
| #3 | 4258.328 | 77201.21 | 7455.612 | 3479.054 | 3851.042 |

Sample Name: LR CHECK 1      Acquired: 5/4/2023 17:33:22      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0141949 | -.087755 | -.023474 | .0180939 | .0195598 | 1894.491 | .0239883 | .0084778 | .0441816 |
| Stddev | .0056704 | .001484  | .002132  | .0059682 | .0034323 | 6.621    | .0012251 | .0002037 | .0006766 |
| %RSD   | 39.94636 | 1.690986 | 9.082998 | 32.98427 | 17.54750 | .3495007 | 5.106877 | 2.402317 | 1.531405 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0103878 | -.089252 | -.025921 | .0232312 | .0229278 | 1887.443 | .0230812 | .0085188 | .0446764 |
| #2 | .0207118 | -.087728 | -.022012 | .0115472 | .0196851 | 1900.580 | .0253818 | .0086578 | .0444578 |
| #3 | .0114852 | -.086285 | -.022490 | .0195034 | .0160667 | 1895.451 | .0235018 | .0082567 | .0434106 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1772.928 | .0630682 | .0258674 | -.116568 | 928.4546 | .0009048 | 1829.217 | .0248896 | -.006393 |
| Stddev | 9.162    | .0005667 | .0002415 | .002950  | 3.7402   | .0006840 | 7.837    | .0004445 | .000744  |
| %RSD   | .5167982 | .8984987 | .9334979 | 2.530612 | .4028440 | 75.59252 | .4284174 | 1.785783 | 11.63572 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1782.641 | .0636925 | .0258256 | -.119188 | 931.0501 | .0004975 | 1831.496 | .0251557 | -.007157 |
| #2 | 1771.702 | .0625865 | .0261271 | -.117142 | 930.1463 | .0005225 | 1820.493 | .0251366 | -.005671 |
| #3 | 1764.440 | .0629255 | .0256496 | -.113373 | 924.1674 | .0016944 | 1835.662 | .0243765 | -.006350 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1673.625 | .0091792 | .0637543 | 1029.721 | -.977143 | .0001656 | .0035695 | -.016891 | -.976450 |
| Stddev | 45.616   | .0027191 | .0015167 | 10.282   | .003830  | .0005816 | .0002959 | .001831  | .005795  |
| %RSD   | 2.725596 | 29.62190 | 2.378945 | .9984947 | .3919145 | 351.2276 | 8.289417 | 10.83915 | .5934735 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1724.240 | .0097990 | .0651227 | 1041.150 | -.972722 | .0008015 | .0036416 | -.015967 | -.983087 |
| #2 | 1660.944 | .0062038 | .0621235 | 1026.789 | -.979268 | -.000339 | .0038228 | -.015706 | -.972396 |
| #3 | 1635.691 | .0115349 | .0640167 | 1021.224 | -.979438 | .000035  | .0032443 | -.018999 | -.973867 |

Sample Name: LR CHECK 1      Acquired: 5/4/2023 17:33:22      Type: Unk  
 Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0599824 | -.085584 | .6339282 | -.916497 | z ***** |
| Stddev | .0069688 | .003085  | .0052548 | .003861  | -----   |
| %RSD   | 11.61813 | 3.604469 | .8289309 | .4213112 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | .0674887 | -.089049 | .6378060 | -.919202 | z 6155.999 |
| #2 | .0537181 | -.084565 | .6360310 | -.918214 | z 6167.830 |
| #3 | .0587403 | -.083137 | .6279476 | -.912075 | z 6159.579 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3091.560 | 57322.19 | 6514.865 | 2531.279 | 2408.168 |
| Stddev    | 15.968   | 194.64   | 7.678    | 8.641    | 12.544   |
| %RSD      | .5165017 | .3395489 | .1178566 | .3413872 | .5209096 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3088.871 | 57098.13 | 6508.806 | 2521.361 | 2406.321 |
| #2 | 3077.106 | 57449.34 | 6523.500 | 2537.188 | 2396.650 |
| #3 | 3108.701 | 57419.12 | 6512.288 | 2535.287 | 2421.534 |

Sample Name: LR CHECK 2      Acquired: 5/4/2023 17:37:59      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          | Be2348          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.008055</b> | <b>-.032693</b> | <b>270.0584</b> | <b>-.100829</b> | <b>.0053253</b> | <b>-.157365</b> | <b>104.6580</b> | <b>.0003256</b> |
| Stddev | .000131         | .000526         | 1.8402          | .006382         | .0021724        | .007493         | 2.0079          | .0001090        |
| %RSD   | 1.623015        | 1.608457        | .6813954        | 6.329293        | 40.79413        | 4.761627        | 1.918579        | 33.45611        |

|    |                 |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.007994</b> | <b>-.033283</b> | <b>271.8405</b> | <b>-.101371</b> | <b>.0078335</b> | <b>-.152394</b> | <b>104.5091</b> | <b>.0002228</b> |
| #2 | <b>-.007967</b> | <b>-.032525</b> | <b>270.1693</b> | <b>-.106922</b> | <b>.0041069</b> | <b>-.165984</b> | <b>106.7362</b> | <b>.0003143</b> |
| #3 | <b>-.008205</b> | <b>-.032272</b> | <b>268.1652</b> | <b>-.094193</b> | <b>.0040356</b> | <b>-.153718</b> | <b>102.7286</b> | <b>.0004398</b> |

|        |                 |                 |                 |                 |                   |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247            | Fe2404          | Mn2576          | Mg2790          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.004419</b> | <b>.2529822</b> | <b>-.000271</b> | <b>.0054119</b> | <b>F 279.6210</b> | <b>.1246224</b> | <b>48.60271</b> | <b>.0637027</b> |
| Stddev | .000178         | .0161722        | .000241         | .0002488        | 3.0364            | .0089705        | .77979          | .0141372        |
| %RSD   | 4.022324        | 6.392636        | 88.90794        | 4.597224        | 1.085884          | 7.198122        | 1.604421        | 22.19245        |

|    |                 |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004261</b> | <b>.2658689</b> | <b>-.000268</b> | <b>.0053430</b> | <b>279.7597</b> | <b>.1339667</b> | <b>48.91227</b> | <b>.0795295</b> |
| #2 | <b>-.004384</b> | <b>.2582432</b> | <b>-.000512</b> | <b>.0052048</b> | <b>282.5857</b> | <b>.1238209</b> | <b>49.18018</b> | <b>.0592522</b> |
| #3 | <b>-.004611</b> | <b>.2348346</b> | <b>-.000031</b> | <b>.0056879</b> | <b>276.5177</b> | <b>.1160795</b> | <b>47.71566</b> | <b>.0523262</b> |

|        |                 |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>52.57175</b> | <b>.0065934</b> | <b>1.072216</b> | <b>-.009229</b> | <b>34.84663</b> | <b>.6448981</b> | <b>-.000133</b> | <b>-.005107</b> |
| Stddev | .38622          | .0003196        | .077230         | .000753         | .15384          | .0485721        | .001310         | .000011         |
| %RSD   | .7346524        | 4.846951        | 7.202843        | 8.158936        | .4414912        | 7.531743        | 983.0493        | .2111800        |

|    |                 |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>52.95511</b> | <b>.0064937</b> | <b>1.129938</b> | <b>-.008398</b> | <b>35.00300</b> | <b>.6887773</b> | <b>-.001487</b> | <b>-.005095</b> |
| #2 | <b>52.57739</b> | <b>.0063356</b> | <b>1.102224</b> | <b>-.009424</b> | <b>34.84143</b> | <b>.6532111</b> | <b>.001128</b>  | <b>-.005112</b> |
| #3 | <b>52.18274</b> | <b>.0069510</b> | <b>.984486</b>  | <b>-.009866</b> | <b>34.69545</b> | <b>.5927061</b> | <b>-.000041</b> | <b>-.005115</b> |

Sample Name: LR CHECK 2      Acquired: 5/4/2023 17:37:59      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |                 |                 |                 |                 |                 |                 |                 |                   |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| Elem      | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707          | Sr4077          | Ce4040            |
| Units     | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | Cts/S             |
| Avg       | <b>-.002597</b> | <b>-.013190</b> | <b>-.008657</b> | <b>.1369042</b> | <b>.0078367</b> | <b>.0086800</b> | <b>.0018938</b> | <b>z *****</b>    |
| Stddev    | .000533         | .001529         | .012543         | .0079142        | .0038004        | .0024955        | .0000923        | -----             |
| %RSD      | 20.50969        | 11.58887        | 144.8870        | 5.780869        | 48.49476        | 28.74968        | 4.876178        | -----             |
| #1        | <b>-.003020</b> | <b>-.013892</b> | <b>.003822</b>  | <b>.1440651</b> | <b>.0063109</b> | <b>.0085602</b> | <b>.0019418</b> | <b>z 3727.451</b> |
| #2        | <b>-.002774</b> | <b>-.014241</b> | <b>-.008530</b> | <b>.1284067</b> | <b>.0050363</b> | <b>.0112332</b> | <b>.0019523</b> | <b>z 3727.862</b> |
| #3        | <b>-.001999</b> | <b>-.011436</b> | <b>-.021262</b> | <b>.1382407</b> | <b>.0121629</b> | <b>.0062466</b> | <b>.0017873</b> | <b>z 3721.613</b> |
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |                 |                 |                   |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |                 |                 |                   |
| Avg       | <b>4128.230</b> | <b>81072.57</b> | <b>7591.285</b> | <b>3456.523</b> | <b>3984.549</b> |                 |                 |                   |
| Stddev    | 35.035          | 301.99          | 270.392         | 14.395          | 20.957          |                 |                 |                   |
| %RSD      | .8486751        | .3724920        | 3.561870        | .4164689        | .5259535        |                 |                 |                   |
| #1        | 4105.109        | 80827.15        | 7409.722        | 3440.123        | 3972.635        |                 |                 |                   |
| #2        | 4111.041        | 80980.75        | 7462.094        | 3467.067        | 3972.266        |                 |                 |                   |
| #3        | 4168.540        | 81409.81        | 7902.039        | 3462.380        | 4008.747        |                 |                 |                   |



Sample Name: CCV05      Acquired: 5/4/2023 17:43:15      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV20375      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.031651 | 4.926837 | 4.990080 | 5.298133 | 5.362284 | 9.298426 | 10.00736 | .2301297 | 2.370346 |
| Stddev | .010829  | .009705  | .006013  | .004895  | .006120  | .013255  | .03806   | .0018458 | .000717  |
| %RSD   | .2152198 | .1969832 | .1204910 | .0923955 | .1141257 | .1425471 | .3803261 | .8020706 | .0302291 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.042620 | 4.936878 | 4.993445 | 5.300411 | 5.366171 | 9.308787 | 10.04605 | .2311260 | 2.371092 |
| #2 | 5.031365 | 4.917507 | 4.983138 | 5.292514 | 5.355229 | 9.283489 | 9.96996  | .2279999 | 2.369663 |
| #3 | 5.020968 | 4.926127 | 4.993656 | 5.301475 | 5.365451 | 9.303000 | 10.00606 | .2312633 | 2.370283 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 22.80123 | .9272682 | 2.494507 | 1.306073 | 4.951300 | 2.557582 | 24.08385 | 2.550554 | 1.325208 |
| Stddev | .04470   | .0126278 | .004316  | .002004  | .052220  | .006486  | .07780   | .002550  | .016115  |
| %RSD   | .1960254 | 1.361827 | .1730021 | .1534010 | 1.054671 | .2536034 | .3230488 | .0999810 | 1.216041 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 22.85259 | .9258835 | 2.494004 | 1.306444 | 4.949950 | 2.557618 | 24.15752 | 2.550446 | 1.323843 |
| #2 | 22.77120 | .9153898 | 2.490465 | 1.303910 | 4.899769 | 2.551078 | 24.00248 | 2.548059 | 1.309820 |
| #3 | 22.77988 | .9405312 | 2.499052 | 1.307866 | 5.004182 | 2.564050 | 24.09155 | 2.553156 | 1.341963 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.59442 | 2.360995 | 2.497497 | 24.96379 | 4.965583 | 5.032104 | 4.698468 | 4.818957 | 4.815175 |
| Stddev | .28143   | .003718  | .038021  | .27120   | .032766  | .005010  | .002060  | .006418  | .057101  |
| %RSD   | 1.192777 | .1574814 | 1.522376 | 1.086381 | .6598569 | .0995564 | .0438412 | .1331783 | 1.185865 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.48145 | 2.360474 | 2.490884 | 24.88203 | 4.981326 | 5.035291 | 4.699482 | 4.825476 | 4.793699 |
| #2 | 23.38704 | 2.357565 | 2.463217 | 24.74288 | 4.927917 | 5.026330 | 4.696098 | 4.818748 | 4.771924 |
| #3 | 23.91478 | 2.364946 | 2.538392 | 25.26647 | 4.987506 | 5.034691 | 4.699825 | 4.812645 | 4.879900 |

Sample Name: CCV05      Acquired: 5/4/2023 17:43:15      Type: Unk  
 Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCV20375      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.970274 | 5.029784 | 4.634860 | 5.323495 | z ***** |
| Stddev | .031854  | .015420  | .012703  | .013693  | -----   |
| %RSD   | .6408911 | .3065812 | .2740790 | .2572155 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | 4.947674 | 5.028636 | 4.649453 | 5.311742 | z 3704.372 |
| #2 | 4.956443 | 5.014970 | 4.626280 | 5.320212 | z 3714.186 |
| #3 | 5.006706 | 5.045747 | 4.628847 | 5.338531 | z 3727.206 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4247.108 | 80843.09 | 7731.939 | 3539.460 | 3880.441 |
| Stddev    | 7.754    | 983.65   | 36.347   | 45.583   | 4.970    |
| %RSD      | .1825637 | 1.216738 | .4700859 | 1.287846 | .1280743 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4238.716 | 80958.40 | 7705.617 | 3542.780 | 3875.586 |
| #2 | 4254.006 | 81764.00 | 7773.410 | 3583.292 | 3885.519 |
| #3 | 4248.601 | 79806.86 | 7716.790 | 3492.308 | 3880.219 |

Sample Name: CCB05      Acquired: 5/4/2023 17:47:10      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB20375      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017655 | -.000306 | .0003395 | .0019308 | -.001391 | .0006662 | .0001587 | .0000230 | -.000021 |
| Stddev | .0012005 | .000731  | .0005172 | .0012131 | .001422  | .0060308 | .0006014 | .0000391 | .000021  |
| %RSD   | 67.99552 | 239.0366 | 152.3605 | 62.82868 | 102.1847 | 905.2097 | 378.9601 | 170.5019 | 100.1886 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0026223 | .000534  | -.000046 | .0025198 | -.000220 | .0051505 | .0006704 | .0000674 | -.000012 |
| #2 | .0003934 | -.000653 | .000138  | .0027370 | -.000981 | .0030380 | .0003093 | .0000078 | -.000006 |
| #3 | .0022809 | -.000798 | .000927  | .0005357 | -.002973 | -.006190 | -.000504 | -.000006 | -.000045 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005083 | .0000342 | -.000126 | .0008237 | -.001192 | .0000719 | -.014353 | .0001471 | -.000352 |
| Stddev | .010028  | .0001775 | .000133  | .0004689 | .001249  | .0001168 | .004958  | .0001756 | .000375  |
| %RSD   | 197.2956 | 519.1632 | 106.0756 | 56.92441 | 104.7770 | 162.4729 | 34.54392 | 119.3913 | 106.3990 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.015069 | .0000790 | -.000194 | .0012973 | .000112  | .0000044 | -.010177 | -.000055 | -.000635 |
| #2 | .004987  | .0001850 | .000028  | .0008143 | -.002377 | .0000045 | -.013050 | .000259  | .000073  |
| #3 | -.005166 | -.000161 | -.000211 | .0003596 | -.001312 | .0002067 | -.019833 | .000237  | -.000494 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3139511 | -.000185 | -.000735 | .2091387 | .0078730 | .0013050 | -.000385 | .0109629 | -.006928 |
| Stddev | .0029120 | .002632  | .000232  | .0077657 | .0010430 | .0005231 | .000095  | .0009777 | .004653  |
| %RSD   | .9275329 | 1419.273 | 31.64757 | 3.713177 | 13.24751 | 40.08274 | 24.63555 | 8.918228 | 67.15528 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3155388 | -.003221 | -.000692 | .2172506 | .0081442 | .0017997 | -.000490 | .0103844 | -.007075 |
| #2 | .3157242 | .001207  | -.000526 | .2017731 | .0087536 | .0013575 | -.000361 | .0120918 | -.011506 |
| #3 | .3105903 | .001458  | -.000985 | .2083925 | .0067212 | .0007576 | -.000305 | .0104126 | -.002204 |

Sample Name: CCB05      Acquired: 5/4/2023 17:47:10      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB20375      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|-----------------|----------------|
| Elem   | P_1774          | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.000781</b> | <b>-.000513</b> | <b>.0006684</b> | <b>.0000751</b> | <b>z *****</b> |
| Stddev | .002431         | .000588         | .0025741        | .0000603        | -----          |
| %RSD   | 311.1113        | 114.6755        | 385.0897        | 80.26223        | -----          |

|    |                 |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.001976</b> | <b>-.000074</b> | <b>.0028551</b> | <b>.0001226</b> | <b>z 3637.185</b> |
| #2 | <b>-.002383</b> | <b>-.001182</b> | <b>-.002168</b> | <b>.0000953</b> | <b>z 3646.116</b> |
| #3 | <b>.002015</b>  | <b>-.000284</b> | <b>.001319</b>  | <b>.0000073</b> | <b>z 3654.876</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>4404.242</b> | <b>80390.29</b> | <b>7654.715</b> | <b>3565.255</b> | <b>4348.552</b> |
| Stddev    | 22.867          | 420.70          | 23.742          | 23.255          | 20.046          |
| %RSD      | .5192123        | .5233241        | .3101679        | .6522761        | .4609848        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>4378.036</b> | <b>79929.15</b> | <b>7656.540</b> | <b>3548.232</b> | <b>4325.944</b> |
| #2 | <b>4420.147</b> | <b>80488.54</b> | <b>7630.113</b> | <b>3555.780</b> | <b>4364.159</b> |
| #3 | <b>4414.542</b> | <b>80753.17</b> | <b>7677.493</b> | <b>3591.752</b> | <b>4355.552</b> |

Sample Name: O2521-08      Acquired: 5/4/2023 17:51:12      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000450 | -.000567 | .0025885 | -.003274 | .0017727 | .2907691 | .4668064 | -.000061 |
| Stddev | .0018582 | .001483  | .0006030 | .000529  | .0005965 | .0203620 | .0016643 | .000057  |
| %RSD   | 4127.501 | 261.5828 | 23.29511 | 16.16708 | 33.65034 | 7.002795 | .3565244 | 92.00251 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000788 | -.001619 | .0019390 | -.003754 | .0014033 | .2753814 | .4648870 | -.000103 |
| #2 | .002174  | .001129  | .0031306 | -.003360 | .0014540 | .2830673 | .4676848 | -.000084 |
| #3 | -.001251 | -.001210 | .0026959 | -.002706 | .0024609 | .3138585 | .4678474 | .000003  |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004607 | 274.1345 | .0006040 | .0016860 | .0446610 | .0497339 | .4144423 | 51.57156 |
| Stddev | .0000536 | 1.0163   | .0003905 | .0003883 | .0001768 | .0036736 | .0008151 | .13308   |
| %RSD   | 11.63545 | .3707229 | 64.64749 | 23.03093 | .3958206 | 7.386562 | .1966775 | .2580573 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004741 | 272.9629 | .0010488 | .0017760 | .0446409 | .0484869 | .4137331 | 51.43247 |
| #2 | .0004016 | 274.6624 | .0003175 | .0020215 | .0448470 | .0468460 | .4142610 | 51.58453 |
| #3 | .0005062 | 274.7782 | .0004458 | .0012607 | .0444952 | .0538687 | .4153328 | 51.69769 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0163367 | -.000267 | 65.62032 | -.001274 | .1404453 | 40.91703 | .8376507 | .0020620 |
| Stddev | .0004074 | .000325  | .37080   | .000657  | .0001763 | .26913   | .0045473 | .0002582 |
| %RSD   | 2.493500 | 121.6632 | .5650660 | 51.58487 | .1255353 | .6577534 | .5428683 | 12.52269 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0160547 | .000021  | 65.25758 | -.001899 | .1404499 | 40.60630 | .8417957 | .0022998 |
| #2 | .0168037 | -.000203 | 65.99868 | -.000589 | .1402667 | 41.07661 | .8327867 | .0020989 |
| #3 | .0161516 | -.000620 | 65.60468 | -.001334 | .1406193 | 41.06817 | .8383696 | .0017873 |

Sample Name: O2521-08      Acquired: 5/4/2023 17:51:12      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   | Sr4077   | Ce4040     |
|-----------|----------|----------|------------|----------|------------|----------|----------|------------|
| Units     | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      | ppm      | Cts/S      |
| Avg       | .0036978 | .0066060 | F 21.97034 | .0121039 | F 38.13567 | .1101074 | 1.843086 | z *****    |
| Stddev    | .0000819 | .0017793 | .11358     | .0008795 | .05627     | .0031049 | .005334  | -----      |
| %RSD      | 2.214382 | 26.93544 | .5169473   | 7.266163 | .1475646   | 2.819857 | .2894165 | -----      |
| #1        | .0037530 | .0068626 | 21.84425   | .0122530 | 38.18424   | .1136906 | 1.837327 | z 4080.422 |
| #2        | .0037367 | .0047122 | 22.06462   | .0111594 | 38.14875   | .1082138 | 1.844073 | z 4090.837 |
| #3        | .0036037 | .0082430 | 22.00214   | .0128993 | 38.07400   | .1084177 | 1.847857 | z 4096.474 |
| Int. Std. | Y_2243   | Y_3600   | Y_3710     | Y_2243   | In2306     |          |          |            |
| Units     | Cts/S    | Cts/S    | Cts/S      | Cts/S    | Cts/S      |          |          |            |
| Avg       | 4001.191 | 74835.65 | 7424.380   | 3254.065 | 3659.331   |          |          |            |
| Stddev    | 18.767   | 131.22   | 20.462     | 1.385    | 11.628     |          |          |            |
| %RSD      | .4690450 | .1753400 | .2756012   | .0425748 | .3177611   |          |          |            |
| #1        | 3981.887 | 74807.03 | 7400.959   | 3255.665 | 3649.727   |          |          |            |
| #2        | 4002.313 | 74721.12 | 7438.789   | 3253.262 | 3656.008   |          |          |            |
| #3        | 4019.372 | 74978.82 | 7433.391   | 3253.269 | 3672.259   |          |          |            |

Sample Name: O2521-11      Acquired: 5/4/2023 18:02:33      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          | Be2348          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7972284</b> | <b>1.778095</b> | <b>.9248991</b> | <b>1.954723</b> | <b>.7910940</b> | <b>2.102903</b> | <b>.7772303</b> | <b>.1730230</b> |
| Stddev | .0020691        | .006110         | .0016179        | .012327         | .0040210        | .047136         | .0148276        | .0024899        |
| %RSD   | .2595326        | .3436183        | .1749231        | .6306214        | .5082801        | 2.241476        | 1.907754        | 1.439039        |

|    |                 |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.7995812</b> | <b>1.782863</b> | <b>.9236740</b> | <b>1.967806</b> | <b>.7956226</b> | <b>2.048914</b> | <b>.7603472</b> | <b>.1703177</b> |
| #2 | <b>.7956926</b> | <b>1.780215</b> | <b>.9267331</b> | <b>1.953038</b> | <b>.7897170</b> | <b>2.123927</b> | <b>.7832063</b> | <b>.1752186</b> |
| #3 | <b>.7964113</b> | <b>1.771208</b> | <b>.9242903</b> | <b>1.943325</b> | <b>.7879424</b> | <b>2.135869</b> | <b>.7881375</b> | <b>.1735327</b> |

|        |                 |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          | Mn2576          | Mg2790          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1757372</b> | <b>267.2323</b> | <b>.3506972</b> | <b>.1851425</b> | <b>.2998870</b> | <b>2.901062</b> | <b>1.426759</b> | <b>47.60390</b> |
| Stddev | .0004228        | 4.6754          | .0003053        | .0005530        | .0014119        | .013748         | .028076         | .94089          |
| %RSD   | .2405679        | 1.749566        | .0870477        | .2987023        | .4708007        | .4738929        | 1.967800        | 1.976496        |

|    |                 |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1762183</b> | <b>261.8349</b> | <b>.3504106</b> | <b>.1854998</b> | <b>.2999592</b> | <b>2.908947</b> | <b>1.394538</b> | <b>46.52640</b> |
| #2 | <b>.1755681</b> | <b>269.8285</b> | <b>.3510182</b> | <b>.1854222</b> | <b>.3012613</b> | <b>2.885187</b> | <b>1.439766</b> | <b>48.02218</b> |
| #3 | <b>.1754250</b> | <b>270.0336</b> | <b>.3506629</b> | <b>.1845055</b> | <b>.2984403</b> | <b>2.909052</b> | <b>1.445972</b> | <b>48.26312</b> |

|        |                 |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4758741</b> | <b>.0735213</b> | <b>36.11649</b> | <b>.2731012</b> | <b>.2347239</b> | <b>78.01106</b> | <b>.5617136</b> | <b>.3830364</b> |
| Stddev | .0011982        | .0004303        | .16107          | .0008966        | .0007933        | .37439          | .0097589        | .0013237        |
| %RSD   | .2517834        | .5852847        | .4459694        | .3283061        | .3379784        | .4799225        | 1.737342        | .3455839        |

|    |                 |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.4768554</b> | <b>.0731611</b> | <b>35.98926</b> | <b>.2729801</b> | <b>.2345731</b> | <b>77.83165</b> | <b>.5504779</b> | <b>.3844702</b> |
| #2 | <b>.4762282</b> | <b>.0734049</b> | <b>36.06262</b> | <b>.2722714</b> | <b>.2355819</b> | <b>77.76014</b> | <b>.5680760</b> | <b>.3827784</b> |
| #3 | <b>.4745388</b> | <b>.0739978</b> | <b>36.29759</b> | <b>.2740523</b> | <b>.2340169</b> | <b>78.44140</b> | <b>.5665870</b> | <b>.3818608</b> |

Sample Name: O2521-11      Acquired: 5/4/2023 18:02:33      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820            | Li6707          | Sr4077          | Ce4040            |
|-----------|-----------------|-----------------|-------------------|-----------------|-------------------|-----------------|-----------------|-------------------|
| Units     | ppm             | ppm             | ppm               | ppm             | ppm               | ppm             | ppm             | Cts/S             |
| Avg       | <b>.6105793</b> | <b>.1873360</b> | <b>F 22.20437</b> | <b>5.730890</b> | <b>F 25.35474</b> | <b>.2628224</b> | <b>1.651913</b> | <b>z *****</b>    |
| Stddev    | .0008399        | .0030363        | .13165            | .026413         | .09159            | .0047704        | .031238         | -----             |
| %RSD      | .1375632        | 1.620775        | .5928800          | .4608892        | .3612219          | 1.815079        | 1.891006        | -----             |
| #1        | .6113840        | .1843389        | 22.06453          | 5.702579        | 25.43610          | .2583984        | 1.616071        | <b>z 10092.54</b> |
| #2        | .6097080        | .1872590        | 22.22268          | 5.754870        | 25.37257          | .2621921        | 1.666323        | <b>z 10124.87</b> |
| #3        | .6106458        | .1904101        | 22.32590          | 5.735220        | 25.25555          | .2678766        | 1.673344        | <b>z 10132.14</b> |
| Int. Std. | Y_2243          | Y_3600          | Y_3710            | Y_2243          | In2306            |                 |                 |                   |
| Units     | Cts/S           | Cts/S           | Cts/S             | Cts/S           | Cts/S             |                 |                 |                   |
| Avg       | <b>3961.554</b> | <b>74476.20</b> | <b>7255.412</b>   | <b>3227.440</b> | <b>3604.957</b>   |                 |                 |                   |
| Stddev    | 23.573          | 135.31          | 102.515           | 7.376           | 18.501            |                 |                 |                   |
| %RSD      | .5950451        | .1816881        | 1.412952          | .2285368        | .5132142          |                 |                 |                   |
| #1        | 3938.333        | 74396.42        | 7373.246          | 3220.293        | 3588.423          |                 |                 |                   |
| #2        | 3960.866        | 74632.44        | 7186.706          | 3235.025        | 3601.509          |                 |                 |                   |
| #3        | 3985.464        | 74399.75        | 7206.285          | 3227.001        | 3624.940          |                 |                 |                   |



Sample Name: O2521-12      Acquired: 5/4/2023 18:06:14      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8001468 | 1.779046 | .9327402 | 1.953217 | .7906065 | 2.079567 | .7652620 | .1718951 |
| Stddev | .0030283 | .005210  | .0021112 | .002035  | .0015620 | .020961  | .0083253 | .0009244 |
| %RSD   | .3784679 | .2928327 | .2263406 | .1042067 | .1975710 | 1.007951 | 1.087902 | .5377426 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7988781 | 1.773245 | .9304624 | 1.955339 | .7892451 | 2.055413 | .7557762 | .1709244 |
| #2 | .7979591 | 1.783326 | .9346313 | 1.951282 | .7902626 | 2.092989 | .7686537 | .1719961 |
| #3 | .8036030 | 1.780568 | .9331268 | 1.953029 | .7923118 | 2.090299 | .7713561 | .1727648 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1770335 | 262.6392 | .3452871 | .1861237 | .3011140 | 2.863557 | 1.412036 | 46.56092 |
| Stddev | .0006195 | 3.4491   | .0062278 | .0002236 | .0008731 | .043612  | .016817  | .63152   |
| %RSD   | .3499165 | 1.313240 | 1.803655 | .1201431 | .2899731 | 1.522994 | 1.190998 | 1.356341 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1763390 | 258.6755 | .3481791 | .1858839 | .3011741 | 2.857074 | 1.393264 | 45.86734 |
| #2 | .1775291 | 264.2854 | .3381391 | .1863266 | .3002123 | 2.823551 | 1.417116 | 46.71269 |
| #3 | .1772323 | 264.9568 | .3495431 | .1861607 | .3019555 | 2.910048 | 1.425728 | 47.10273 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4791439 | .0728090 | 34.91600 | .2714517 | .2289803 | 75.52001 | .5534366 | .3857931 |
| Stddev | .0013726 | .0013593 | .54189   | .0013242 | .0037416 | 1.21673  | .0042554 | .0005622 |
| %RSD   | .2864754 | 1.866902 | 1.551968 | .4878391 | 1.634011 | 1.611131 | .7689005 | .1457227 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4780238 | .0732967 | 34.92727 | .2699270 | .2304797 | 75.54742 | .5492107 | .3858375 |
| #2 | .4806751 | .0712732 | 34.36857 | .2721132 | .2247215 | 74.28981 | .5533782 | .3863318 |
| #3 | .4787329 | .0738572 | 35.45217 | .2723149 | .2317395 | 76.72280 | .5577209 | .3852100 |

Sample Name: O2521-12      Acquired: 5/4/2023 18:06:14      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820            | Li6707          | Sr4077          | Ce4040            |
|-----------|-----------------|-----------------|-------------------|-----------------|-------------------|-----------------|-----------------|-------------------|
| Units     | ppm             | ppm             | ppm               | ppm             | ppm               | ppm             | ppm             | Cts/S             |
| Avg       | <b>.6174737</b> | <b>.1880572</b> | <b>F 21.44336</b> | <b>5.822019</b> | <b>F 24.89133</b> | <b>.2568989</b> | <b>1.626274</b> | <b>z *****</b>    |
| Stddev    | .0031799        | .0020799        | .34162            | .020634         | .08332            | .0027405        | .017598         | -----             |
| %RSD      | .5149910        | 1.106002        | 1.593106          | .3544144        | .3347410          | 1.066776        | 1.082115        | -----             |
| #1        | .6138122        | .1856763        | 21.42041          | 5.800949        | 24.81663          | .2538202        | 1.606089        | <b>z 10194.59</b> |
| #2        | .6195429        | .1895211        | 21.11379          | 5.842188        | 24.98119          | .2578043        | 1.634337        | <b>z 10202.19</b> |
| #3        | .6190661        | .1889741        | 21.79587          | 5.822920        | 24.87615          | .2590721        | 1.638396        | <b>z 10251.01</b> |
| Int. Std. | Y_2243          | Y_3600          | Y_3710            | Y_2243          | In2306            |                 |                 |                   |
| Units     | Cts/S           | Cts/S           | Cts/S             | Cts/S           | Cts/S             |                 |                 |                   |
| Avg       | <b>4009.850</b> | <b>76717.97</b> | <b>7393.225</b>   | <b>3315.483</b> | <b>3645.317</b>   |                 |                 |                   |
| Stddev    | 15.936          | 1329.65         | 26.463            | 56.523          | 9.739             |                 |                 |                   |
| %RSD      | .3974170        | 1.733171        | .3579293          | 1.704817        | .2671745          |                 |                 |                   |
| #1        | 3991.895        | 76003.82        | 7423.261          | 3296.554        | 3640.193          |                 |                 |                   |
| #2        | 4015.343        | 78252.11        | 7383.072          | 3379.041        | 3639.209          |                 |                 |                   |
| #3        | 4022.314        | 75897.98        | 7373.343          | 3270.854        | 3656.548          |                 |                 |                   |

Sample Name: O2521-08A      Acquired: 5/4/2023 18:09:54      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8362448 | 1.862974 | .9734993 | 2.042861 | .8339348 | 2.233430 | .6716090 | .1826000 |
| Stddev | .0013242 | .008435  | .0059518 | .008589  | .0017163 | .006034  | .0026198 | .0012170 |
| %RSD   | .1583559 | .4527865 | .6113832 | .4204174 | .2058072 | .2701816 | .3900750 | .6665013 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8359124 | 1.863248 | .9761933 | 2.045694 | .8348852 | 2.236541 | .6690680 | .1813730 |
| #2 | .8377036 | 1.871269 | .9776277 | 2.049675 | .8349657 | 2.237274 | .6743010 | .1826200 |
| #3 | .8351184 | 1.854405 | .9666768 | 2.033214 | .8319536 | 2.226475 | .6714581 | .1838068 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1859231 | 275.9277 | .3653290 | .1936666 | .3367839 | 3.051121 | .6181110 | 53.38560 |
| Stddev | .0009305 | 1.2446   | .0013036 | .0006783 | .0025411 | .011512  | .0022898 | .38565   |
| %RSD   | .5004627 | .4510454 | .3568355 | .3502405 | .7545310 | .3773145 | .3704572 | .7223829 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1860724 | 274.5800 | .3640368 | .1941049 | .3361121 | 3.063861 | .6155440 | 52.94186 |
| #2 | .1867699 | 277.0336 | .3666437 | .1940096 | .3395934 | 3.048039 | .6199435 | 53.63979 |
| #3 | .1849270 | 276.1694 | .3653066 | .1928853 | .3346460 | 3.041464 | .6188454 | 53.57516 |

|        |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4974736 | .0779606 | 66.86182 | .2878188 | .3441997 | 50.62476 | 1.128188 | .4052455 |
| Stddev | .0029903 | .0003845 | .35657   | .0013545 | .0022076 | .13722   | .005947  | .0017712 |
| %RSD   | .6010925 | .4931849 | .5332869 | .4706258 | .6413696 | .2710445 | .5271474 | .4370672 |

|    |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4973357 | .0781140 | 67.03580 | .2877936 | .3466649 | 50.69504 | 1.122173 | .4049174 |
| #2 | .5005305 | .0782446 | 67.09799 | .2864770 | .3435288 | 50.71259 | 1.128326 | .4071578 |
| #3 | .4945548 | .0775230 | 66.45166 | .2891858 | .3424054 | 50.46664 | 1.134065 | .4036613 |

Sample Name: O2521-08A      Acquired: 5/4/2023 18:09:54      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   | Sr4077   | Ce4040     |
|-----------|----------|----------|------------|----------|------------|----------|----------|------------|
| Units     | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      | ppm      | Cts/S      |
| Avg       | .6601799 | .2005583 | F 22.18473 | 6.101570 | F 37.36814 | .3010577 | 2.058862 | z *****    |
| Stddev    | .0013540 | .0015068 | .04341     | .026439  | .17205     | .0015009 | .006572  | -----      |
| %RSD      | .2050979 | .7513067 | .1956936   | .4333130 | .4604226   | .4985568 | .3192070 | -----      |
| #1        | .6594359 | .1991439 | 22.17253   | 6.105138 | 37.38922   | .3026642 | 2.051386 | z 10505.63 |
| #2        | .6617428 | .2003880 | 22.23293   | 6.126043 | 37.52867   | .3008177 | 2.061472 | z 10536.05 |
| #3        | .6593611 | .2021430 | 22.14871   | 6.073528 | 37.18651   | .2996913 | 2.063728 | z 10543.71 |
| Int. Std. | Y_2243   | Y_3600   | Y_3710     | Y_2243   | In2306     |          |          |            |
| Units     | Cts/S    | Cts/S    | Cts/S      | Cts/S    | Cts/S      |          |          |            |
| Avg       | 4040.260 | 75477.28 | 7288.612   | 3263.176 | 3660.113   |          |          |            |
| Stddev    | 27.400   | 287.85   | 10.825     | 29.777   | 24.743     |          |          |            |
| %RSD      | .6781734 | .3813755 | .1485184   | .9125171 | .6760174   |          |          |            |
| #1        | 4032.919 | 75171.84 | 7298.170   | 3231.726 | 3649.291   |          |          |            |
| #2        | 4017.279 | 75516.46 | 7290.810   | 3266.868 | 3642.625   |          |          |            |
| #3        | 4070.583 | 75743.53 | 7276.857   | 3290.935 | 3688.424   |          |          |            |

Sample Name: CCV06      Acquired: 5/4/2023 18:13:35      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.961550 | 4.868010 | 4.952097 | 5.170393 | 5.251245 | 9.504276 | 10.12777 | .2396488 | 2.366509 |
| Stddev | .025982  | .033494  | .031108  | .028959  | .026804  | .017573  | .08359   | .0008417 | .012490  |
| %RSD   | .5236610 | .6880428 | .6281828 | .5601009 | .5104334 | .1848922 | .8253911 | .3512065 | .5277829 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.990651 | 4.906679 | 4.988007 | 5.202735 | 5.282104 | 9.522949 | 10.22297 | .2400010 | 2.380872 |
| #2 | 4.940682 | 4.848072 | 4.934896 | 5.161579 | 5.233756 | 9.501817 | 10.09396 | .2402572 | 2.358190 |
| #3 | 4.953318 | 4.849279 | 4.933388 | 5.146865 | 5.237875 | 9.488063 | 10.06638 | .2386883 | 2.360466 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.29059 | .9386990 | 2.478337 | 1.285560 | 5.007952 | 2.615417 | 24.58237 | 2.524234 | 1.356395 |
| Stddev | .07282   | .0041630 | .013798  | .007546  | .027185  | .007710  | .07089   | .015282  | .002276  |
| %RSD   | .3126596 | .4434831 | .5567373 | .5869788 | .5428391 | .2947970 | .2883930 | .6054089 | .1677620 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.35763 | .9366781 | 2.494269 | 1.294273 | 4.985698 | 2.617568 | 24.63309 | 2.541800 | 1.355721 |
| #2 | 23.30103 | .9359322 | 2.470492 | 1.281203 | 4.999905 | 2.621823 | 24.61267 | 2.516908 | 1.354533 |
| #3 | 23.21312 | .9434866 | 2.470250 | 1.281203 | 5.038252 | 2.606860 | 24.50137 | 2.513995 | 1.358932 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.12955 | 2.403030 | 2.598695 | 25.20148 | 5.194410 | 4.987135 | 4.697711 | 4.885327 | 4.837664 |
| Stddev | .15346   | .008459  | .008635  | .18078   | .026754  | .024540  | .029493  | .012075  | .037221  |
| %RSD   | .6359886 | .3519976 | .3322769 | .7173483 | .5150513 | .4920699 | .6278220 | .2471732 | .7693965 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.03124 | 2.407569 | 2.588982 | 25.12184 | 5.208978 | 5.015077 | 4.731763 | 4.887557 | 4.802381 |
| #2 | 24.05103 | 2.408250 | 2.601601 | 25.07418 | 5.210718 | 4.969082 | 4.680232 | 4.896132 | 4.834052 |
| #3 | 24.30639 | 2.393271 | 2.605502 | 25.40841 | 5.163534 | 4.977247 | 4.681137 | 4.872293 | 4.876559 |

Sample Name: CCV06      Acquired: 5/4/2023 18:13:35      Type: Unk  
 Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |         |
|--------|----------|----------|----------|----------|---------|
| Elem   | P_1774   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.974792 | 4.975293 | 4.708987 | 5.350643 | z ***** |
| Stddev | .034814  | .026726  | .016174  | .046618  | -----   |
| %RSD   | .6998129 | .5371748 | .3434644 | .8712642 | -----   |

|    |          |          |          |          |            |
|----|----------|----------|----------|----------|------------|
| #1 | 5.014945 | 5.005998 | 4.722210 | 5.358757 | z 3874.909 |
| #2 | 4.956407 | 4.962625 | 4.713797 | 5.392671 | z 3885.776 |
| #3 | 4.953024 | 4.957257 | 4.690954 | 5.300500 | z 3887.246 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4389.823 | 80120.07 | 7546.336 | 3530.830 | 3984.424 |
| Stddev    | 28.191   | 187.05   | 69.218   | 12.373   | 27.056   |
| %RSD      | .6421965 | .2334632 | .9172340 | .3504302 | .6790418 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4357.827 | 79914.04 | 7484.783 | 3518.874 | 3953.514 |
| #2 | 4411.011 | 80279.23 | 7532.959 | 3530.035 | 4003.808 |
| #3 | 4400.633 | 80166.92 | 7621.265 | 3543.581 | 3995.951 |

Sample Name: CCB06      Acquired: 5/4/2023 18:17:29      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   | Be2348   | Cd2265   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003469 | .0009894 | .0006993 | -.001801 | -.000934 | -.003285 | .0012625 | .0000196 | .0000147 |
| Stddev | .0019801 | .0011819 | .0006845 | .001177  | .001079  | .004136  | .0017869 | .0000405 | .0000410 |
| %RSD   | 570.8792 | 119.4499 | 97.88266 | 65.33916 | 115.5586 | 125.9112 | 141.5302 | 206.4432 | 280.0886 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001772 | -.000071 | -.000073 | -.001619 | -.001742 | .001462  | .0032403 | -.000022 | .0000584 |
| #2 | .002151  | .000776  | .001230  | -.000726 | .000292  | -.005206 | .0007827 | .000023  | .0000087 |
| #3 | .000662  | .002264  | .000941  | -.003058 | -.001352 | -.006110 | -.000235 | .000058  | -.000023 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.015296 | .0000144 | -.000087 | .0002252 | .0001811 | -.000007 | -.011054 | -.000173 | .0001556 |
| Stddev | .015782  | .0002280 | .000053  | .0008040 | .0025279 | .000173  | .008382  | .000157  | .0001237 |
| %RSD   | 103.1797 | 1588.386 | 60.64380 | 356.9465 | 1395.687 | 2408.916 | 75.82900 | 90.85141 | 79.53841 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.030763 | -.000235 | -.000147 | -.000127 | -.001766 | -.000070 | -.017901 | -.000354 | .0002246 |
| #2 | -.015909 | .000066  | -.000070 | -.000343 | .003038  | .000188  | -.013556 | -.000071 | .0000127 |
| #3 | .000784  | .000212  | -.000045 | .001145  | -.000728 | -.000140 | -.001706 | -.000095 | .0002294 |

|        |          |          |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0863343 | -.000715 | -.000764 | .0836647 | .0102217 | .0013164 | -.000777 | .0135927 | -.017839 |
| Stddev | .0122879 | .001507  | .000010  | .0561604 | .0006877 | .0005958 | .000444  | .0015925 | .007676  |
| %RSD   | 14.23297 | 210.7265 | 1.272584 | 67.12559 | 6.727447 | 45.26255 | 57.15339 | 11.71561 | 43.03201 |

|    |          |          |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0725978 | -.001094 | -.000773 | .0523725 | .0110110 | .0020034 | -.000600 | .0118502 | -.013052 |
| #2 | .0962806 | .000945  | -.000764 | .0501214 | .0099017 | .0009398 | -.000449 | .0139552 | -.013772 |
| #3 | .0901244 | -.001997 | -.000753 | .1485001 | .0097524 | .0010061 | -.001282 | .0149726 | -.026693 |

Sample Name: CCB06      Acquired: 5/4/2023 18:17:29      Type: Unk  
Method: NON EPA-6010-200.7(v1826)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                  |                  |                  |                 |                |
|--------|------------------|------------------|------------------|-----------------|----------------|
| Elem   | P_1774           | S_1820           | Li6707           | Sr4077          | Ce4040         |
| Units  | ppm              | ppm              | ppm              | ppm             | Cts/S          |
| Avg    | <b>-0.001163</b> | <b>-0.003578</b> | <b>-0.001242</b> | <b>.0000922</b> | <b>z *****</b> |
| Stddev | .000534          | .005112          | .000448          | .0000319        | -----          |
| %RSD   | 45.92397         | 142.8605         | 36.03836         | 34.65277        | -----          |

|    |                  |                  |                  |                 |                   |
|----|------------------|------------------|------------------|-----------------|-------------------|
| #1 | <b>-0.001767</b> | <b>.000768</b>   | <b>-0.001042</b> | <b>.0001168</b> | <b>z 3566.999</b> |
| #2 | <b>-0.000971</b> | <b>-0.009210</b> | <b>-0.001755</b> | <b>.0001037</b> | <b>z 3573.394</b> |
| #3 | <b>-0.000752</b> | <b>-0.002293</b> | <b>-0.000930</b> | <b>.0000561</b> | <b>z 3570.569</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>4477.448</b> | <b>83768.57</b> | <b>7492.062</b> | <b>3678.589</b> | <b>4408.131</b> |
| Stddev    | 11.008          | 260.32          | 49.415          | 6.527           | 14.286          |
| %RSD      | .2458579        | .3107557        | .6595654        | .1774246        | .3240901        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>4489.832</b> | <b>83934.79</b> | <b>7449.372</b> | <b>3675.749</b> | <b>4424.042</b> |
| #2 | <b>4468.776</b> | <b>83902.35</b> | <b>7546.194</b> | <b>3686.054</b> | <b>4396.405</b> |
| #3 | <b>4473.735</b> | <b>83468.57</b> | <b>7480.621</b> | <b>3673.963</b> | <b>4403.944</b> |