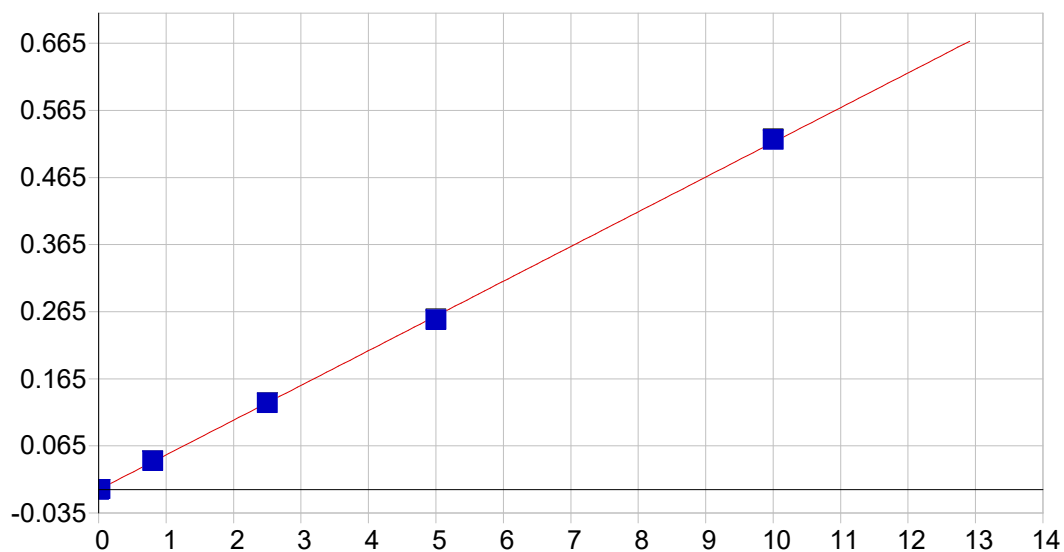


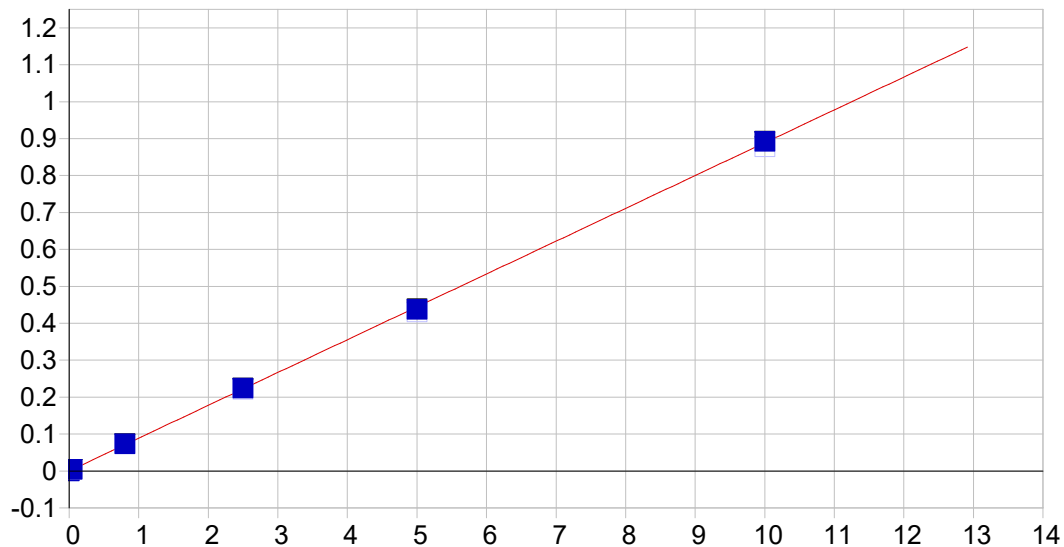


**As 189.042 {479}**

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000198 Re-Slope: 1.000000  
A1 (Gain): 0.051759 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999896 Status: OK.  
Std Error of Est: 0.000017  
Predicted MDL: 0.002775  
Predicted MQL: 0.009251

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00020 | .000    | 1        |
| S1        | .02000       | .02198      | .002       | 9.92    | .00094  | .000    | 1        |
| S3        | 2.5000       | 2.5007      | .001       | .030    | .12923  | .000    | 1        |
| S4        | 5.0000       | 4.8948      | -.105      | -2.10   | .25313  | .001    | 1        |
| S5        | 10.000       | 10.077      | .077       | .772    | .52134  | .001    | 1        |
| S2        | .80000       | .82534      | .025       | 3.17    | .04252  | .000    | 1        |

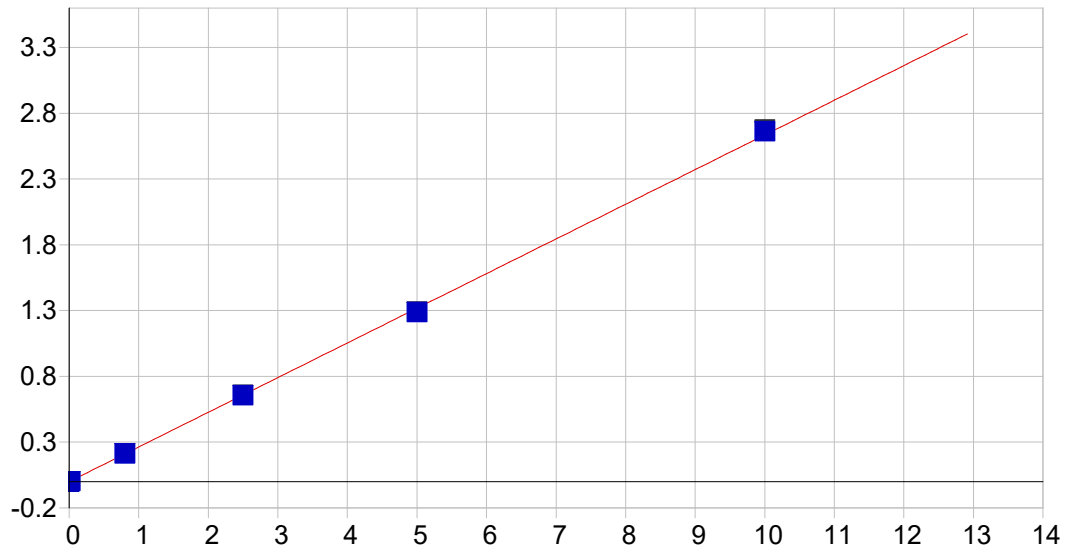


TI 190.856 {477}

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000040 Re-Slope: 1.000000  
 A1 (Gain): 0.088879 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999927 Status: OK.  
 Std Error of Est: 0.000035  
 Predicted MDL: 0.001824  
 Predicted MQL: 0.006080

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00004 | .000    | 1        |
| S1        | .04000       | .04325      | .003       | 8.13    | .00367 | .000    | 1        |
| S3        | 2.5000       | 2.5213      | .021       | .854    | .22054 | .000    | 1        |
| S4        | 5.0000       | 4.9185      | -.082      | -1.63   | .43000 | .001    | 1        |
| S5        | 10.000       | 10.033      | .033       | .332    | .87740 | .002    | 1        |
| S2        | .80000       | .82395      | .024       | 2.99    | .07212 | .000    | 1        |

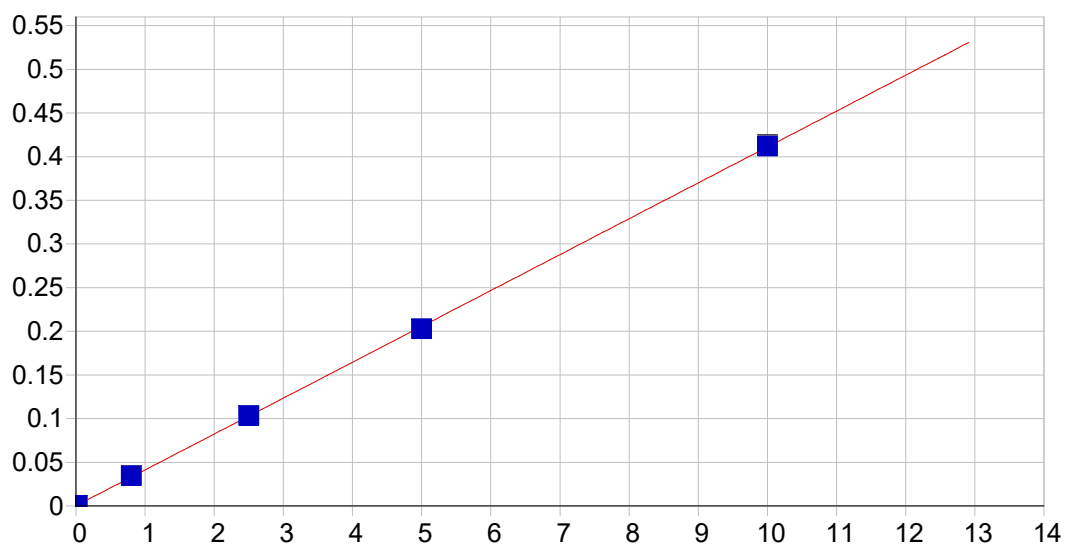


### Pb 220.353 {453}

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000136 Re-Slope: 1.000000  
 A1 (Gain): 0.263562 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999886 Status: OK.  
 Std Error of Est: 0.000072  
 Predicted MDL: 0.001470  
 Predicted MQL: 0.004900

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00014 | .000    | 1        |
| S1        | .01200       | .01379      | .002       | 14.9    | .00347  | .000    | 1        |
| S3        | 2.5000       | 2.4924      | -.008      | -.303   | .65664  | .000    | 1        |
| S4        | 5.0000       | 4.8865      | -.113      | -2.27   | 1.2875  | .002    | 1        |
| S5        | 10.000       | 10.109      | .109       | 1.09    | 2.6637  | .009    | 1        |
| S2        | .80000       | .81027      | .010       | 1.28    | .21338  | .001    | 1        |



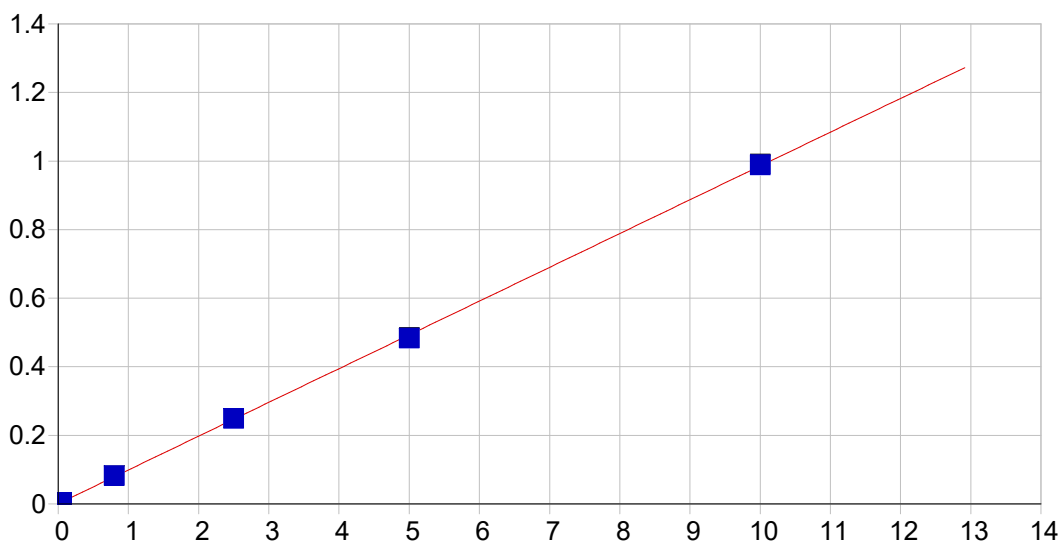
**Se 196.090 {472}**

Date of Fit: 6/7/2023 18:25:32      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000146 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.041092 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999927 | Status:   | OK.      |
| Std Error of Est: | 0.000012 |           |          |
| Predicted MDL:    | 0.003930 |           |          |
| Predicted MQL:    | 0.013099 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00015 | .000    | 1        |
| S1        | .02000       | .02295      | .003       | 14.8    | .00109 | .000    | 1        |
| S3        | 2.5000       | 2.5092      | .009       | .370    | .10329 | .000    | 1        |
| S4        | 5.0000       | 4.9317      | -.068      | -1.37   | .20287 | .000    | 1        |
| S5        | 10.000       | 10.025      | .025       | .252    | .41225 | .001    | 1        |
| S2        | .80000       | .83089      | .031       | 3.86    | .03430 | .000    | 1        |



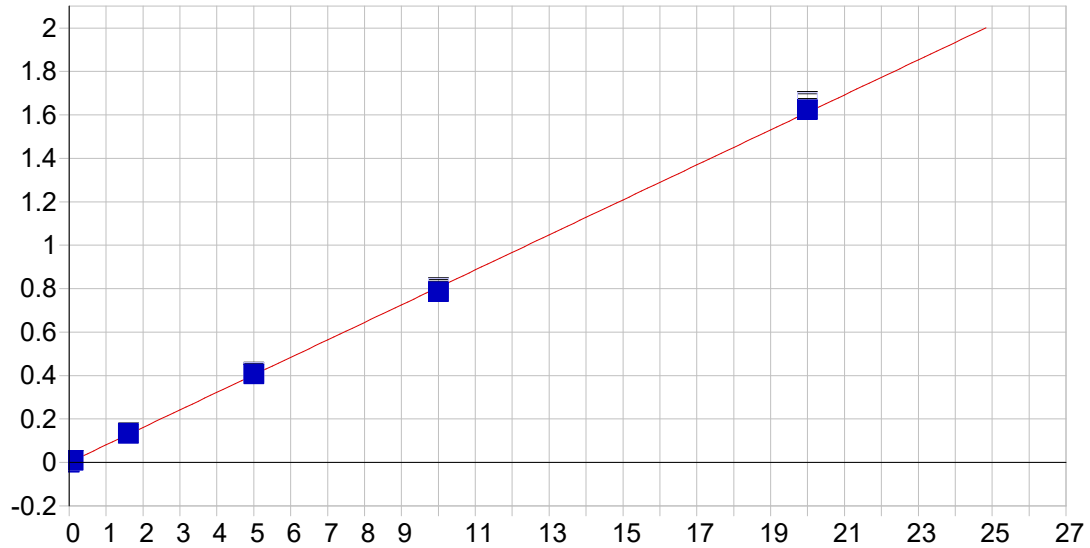


**Sb 206.833 {463}**

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000498 Re-Slope: 1.000000  
 A1 (Gain): 0.098507 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999909 Status: OK.  
 Std Error of Est: 0.000049  
 Predicted MDL: 0.002103  
 Predicted MQL: 0.007009

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00050 | .000    | 1        |
| S1        | .05000       | .05238      | .002       | 4.77    | .00565 | .000    | 1        |
| S3        | 2.5000       | 2.5227      | .023       | .910    | .24830 | .000    | 1        |
| S4        | 5.0000       | 4.9074      | -.093      | -1.85   | .48250 | .001    | 1        |
| S5        | 10.000       | 10.037      | .037       | .369    | .98638 | .002    | 1        |
| S2        | .80000       | .83058      | .031       | 3.82    | .08209 | .000    | 1        |

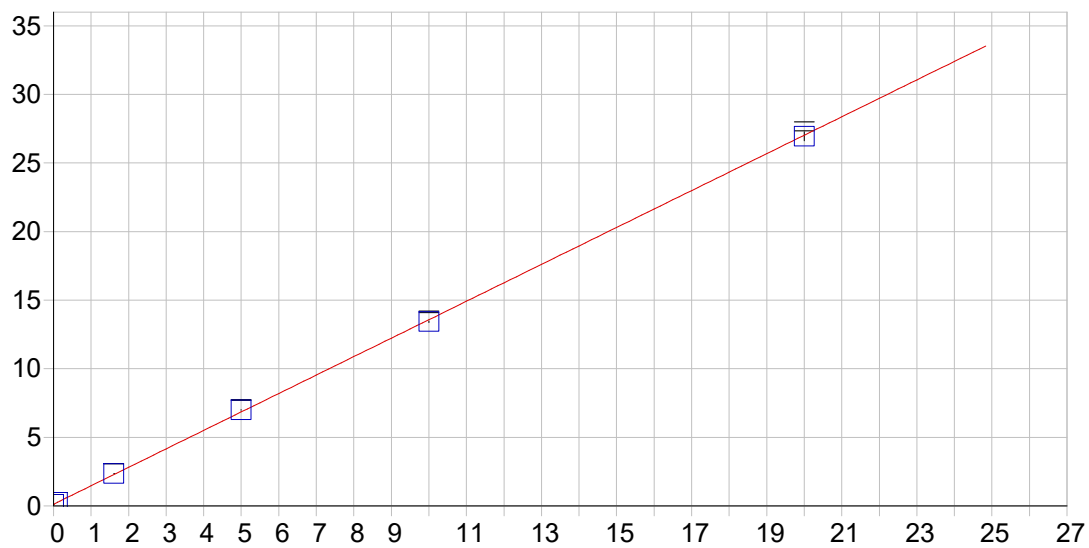


AI 396.152 { 85}

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000358 Re-Slope: 1.000000  
 A1 (Gain): 0.080562 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999865 Status: OK.  
 Std Error of Est: 0.000100  
 Predicted MDL: 0.010841  
 Predicted MQL: 0.036136

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00036 | .001    | 1        |
| S1        | .10000       | .10798      | .008       | 7.98    | .00967 | .001    | 1        |
| S3        | 5.0000       | 5.0441      | .044       | .881    | .41482 | .001    | 1        |
| S4        | 10.000       | 9.7412      | -.259      | -2.59   | .80134 | .003    | 1        |
| S5        | 20.000       | 20.160      | .160       | .800    | 1.6569 | .005    | 1        |
| S2        | 1.6000       | 1.6464      | .046       | 2.90    | .13559 | .002    | 1        |

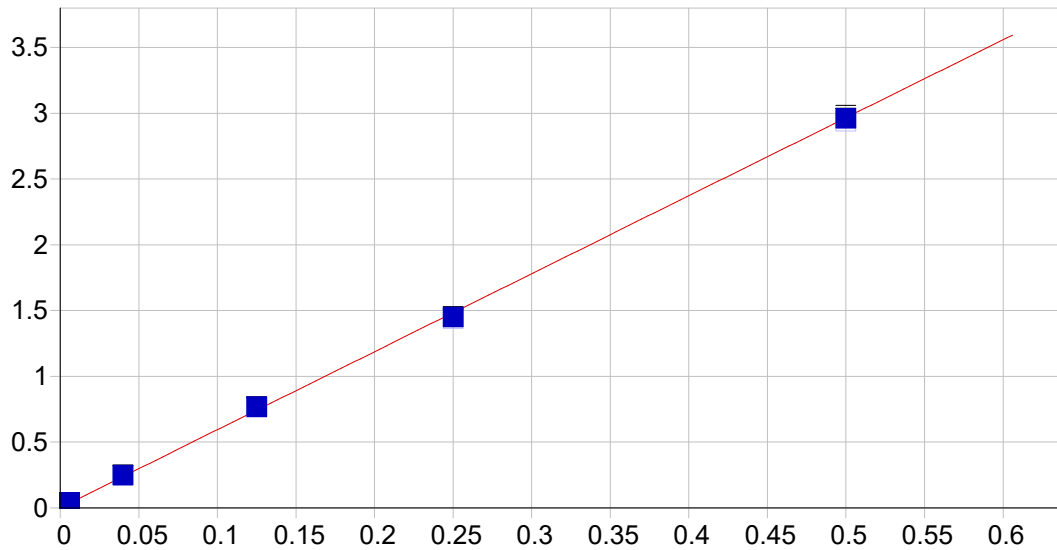


### Ba 493.409 { 68}

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.125178 Re-Slope: 1.000000  
 A1 (Gain): 1.345084 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999920 Status: OK.  
 Std Error of Est: 0.001262  
 Predicted MDL: 0.002247  
 Predicted MQL: 0.007490

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .12517 | .004    | 1        |
| S1        | .10000       | .10275      | .003       | 2.75    | .26339 | .005    | 1        |
| S3        | 5.0000       | 5.1130      | .113       | 2.26    | 7.0026 | .026    | 1        |
| S4        | 10.000       | 9.8914      | -.109      | -1.09   | 13.430 | .057    | 1        |
| S5        | 20.000       | 19.938      | -.062      | -.309   | 26.944 | .324    | 1        |
| S2        | 1.6000       | 1.6547      | .055       | 3.42    | 2.3509 | .005    | 1        |

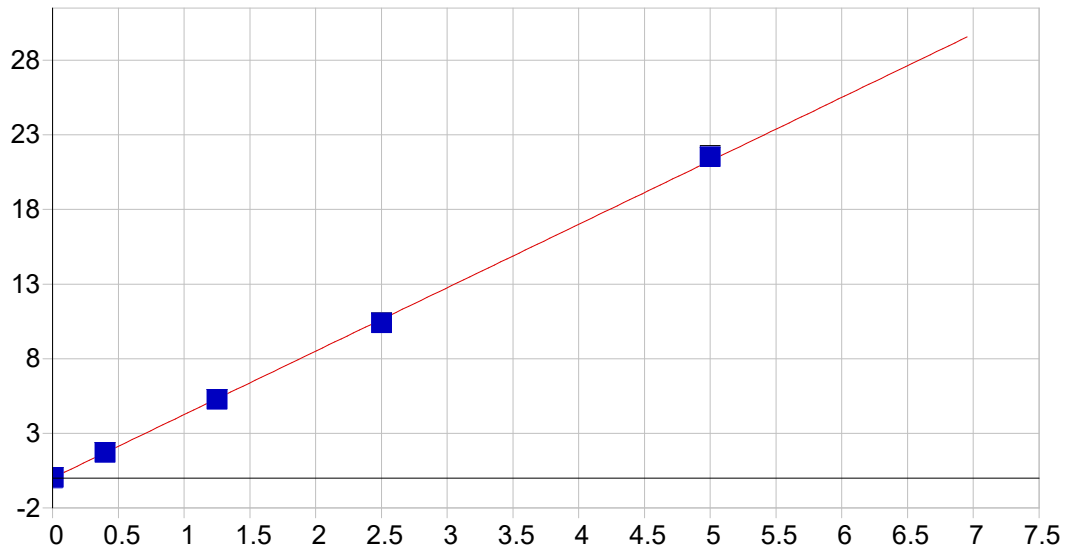


### Be 234.861 {144}

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001582 Re-Slope: 1.000000  
 A1 (Gain): 5.929407 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999742 Status: OK.  
 Std Error of Est: 0.000385  
 Predicted MDL: 0.000060  
 Predicted MQL: 0.000201

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00158 | .000    | 1        |
| S1        | .00600       | .00686      | .001       | 14.3    | .04182 | .000    | 1        |
| S3        | .12500       | .12929      | .004       | 3.43    | .76261 | .001    | 1        |
| S4        | .25000       | .24422      | -.006      | -2.31   | 1.4386 | .006    | 1        |
| S5        | .50000       | .49903      | -.001      | -.194   | 2.9383 | .024    | 1        |
| S2        | .04000       | .04161      | .002       | 4.02    | .24650 | .002    | 1        |

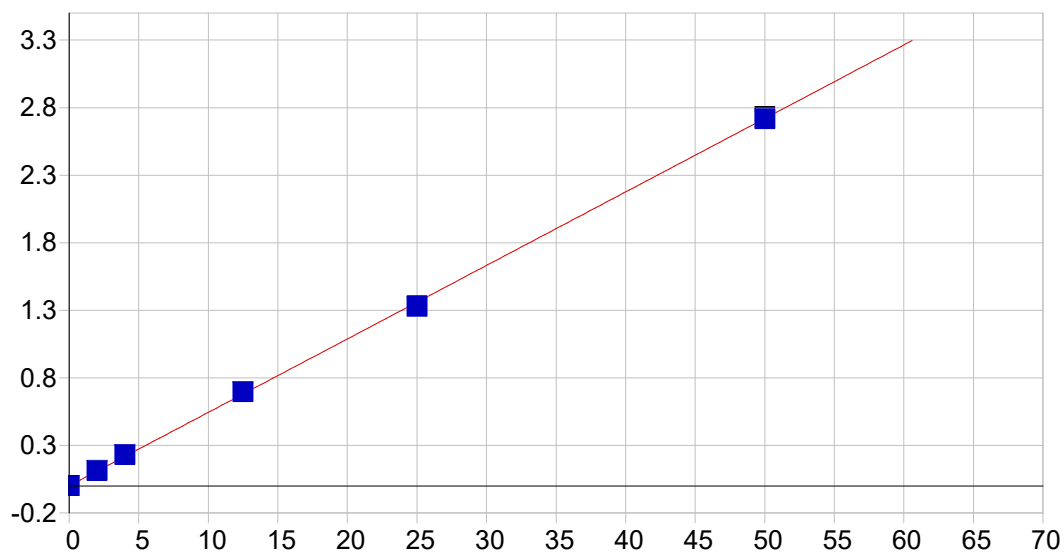


**Cd 226.502 {449}**

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000077 Re-Slope: 1.000000  
 A1 (Gain): 4.251954 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999877 Status: OK.  
 Std Error of Est: 0.000605  
 Predicted MDL: 0.000084  
 Predicted MQL: 0.000282

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00007 | .000    | 1        |
| S1        | .00600       | .00670      | .001       | 11.6    | .02866 | .000    | 1        |
| S3        | 1.2500       | 1.2378      | -.012      | -.973   | 5.2679 | .003    | 1        |
| S4        | 2.5000       | 2.4449      | -.055      | -2.21   | 10.405 | .022    | 1        |
| S5        | 5.0000       | 5.0642      | .064       | 1.28    | 21.551 | .056    | 1        |
| S2        | .40000       | .40242      | .002       | .604    | 1.7126 | .004    | 1        |

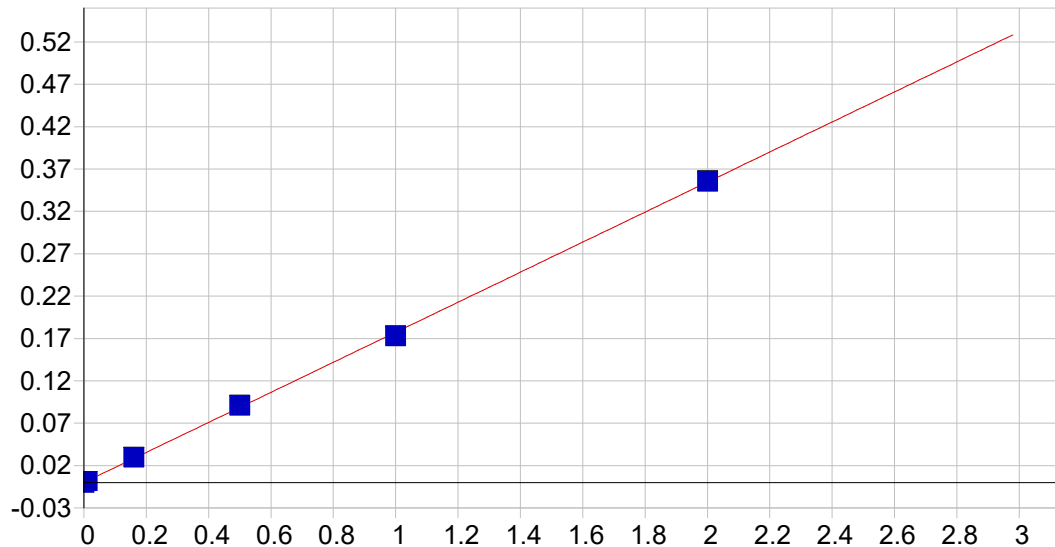


Ca 373.690 { 90}

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000157 Re-Slope: 1.000000  
 A1 (Gain): 0.054393 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999799 Status: OK.  
 Std Error of Est: 0.000576  
 Predicted MDL: 0.012185  
 Predicted MQL: 0.040615

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00020     | -.000      | .000    | .00015 | .001    | 1        |
| S2        | 4.0000       | 4.2354      | .235       | 5.89    | .23020 | .001    | 1        |
| S3        | 12.500       | 12.785      | .285       | 2.28    | .69456 | .003    | 1        |
| S4        | 25.000       | 24.419      | -.581      | -2.32   | 1.3263 | .003    | 1        |
| S5        | 50.000       | 49.975      | -.025      | -.049   | 2.7143 | .016    | 1        |
| S1        | 2.0000       | 2.0849      | .085       | 4.25    | .11352 | .002    | 1        |

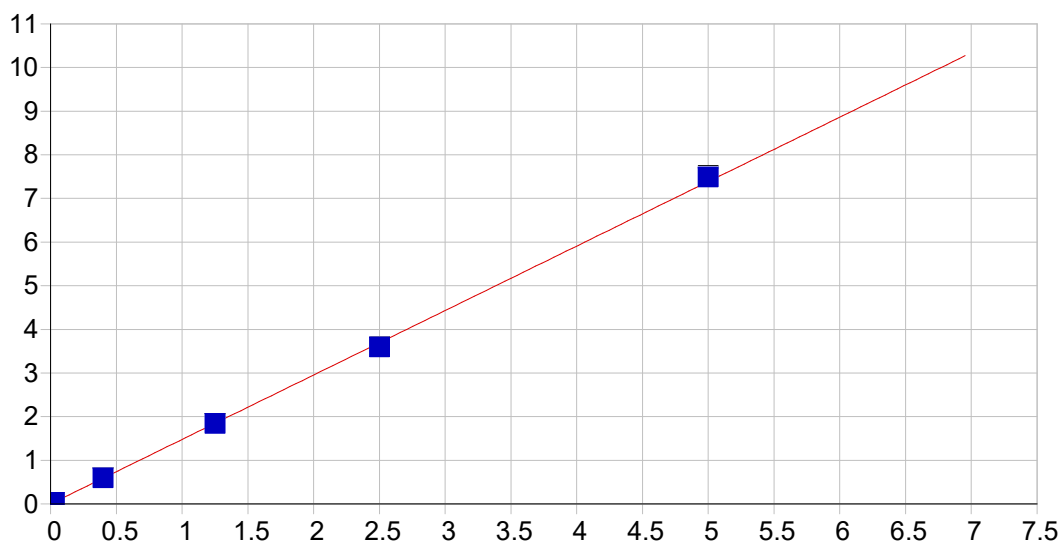


Cr 267.716 {126}

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000013 Re-Slope: 1.000000  
 A1 (Gain): 0.177312 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999815 Status: OK.  
 Std Error of Est: 0.000025  
 Predicted MDL: 0.000463  
 Predicted MQL: 0.001543

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00001 | .000    | 1        |
| S1        | .01000       | .01004      | .000       | .352    | .00180 | .000    | 1        |
| S3        | .50000       | .51328      | .013       | 2.66    | .09111 | .000    | 1        |
| S4        | 1.0000       | .97454      | -.025      | -2.55   | .17299 | .000    | 1        |
| S5        | 2.0000       | 2.0046      | .005       | .232    | .35581 | .001    | 1        |
| S2        | .16000       | .16751      | .008       | 4.69    | .02974 | .000    | 1        |



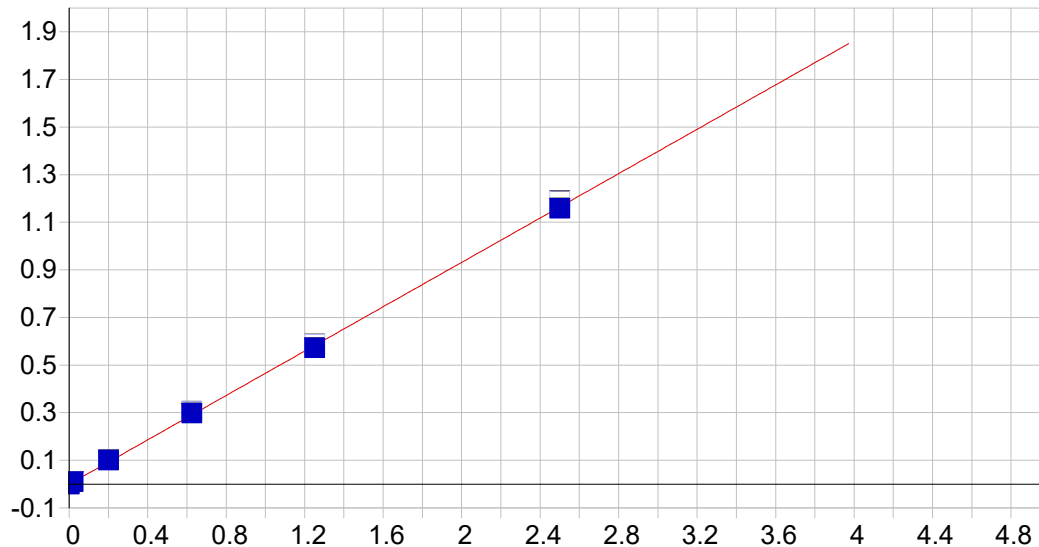
**Co 228.616 {448}**

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000462 Re-Slope: 1.000000  
 A1 (Gain): 1.477084 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999844 Status: OK.  
 Std Error of Est: 0.000532  
 Predicted MDL: 0.000216  
 Predicted MQL: 0.000719

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00046 | .000    | 1        |
| S1        | .03000       | .03097      | .001       | 3.22    | .04608 | .000    | 1        |
| S3        | 1.2500       | 1.2449      | -.005      | -.408   | 1.8433 | .001    | 1        |
| S4        | 2.5000       | 2.4318      | -.068      | -2.73   | 3.6006 | .006    | 1        |
| S5        | 5.0000       | 5.0682      | .068       | 1.36    | 7.5028 | .022    | 1        |
| S2        | .40000       | .40410      | .004       | 1.03    | .59865 | .001    | 1        |



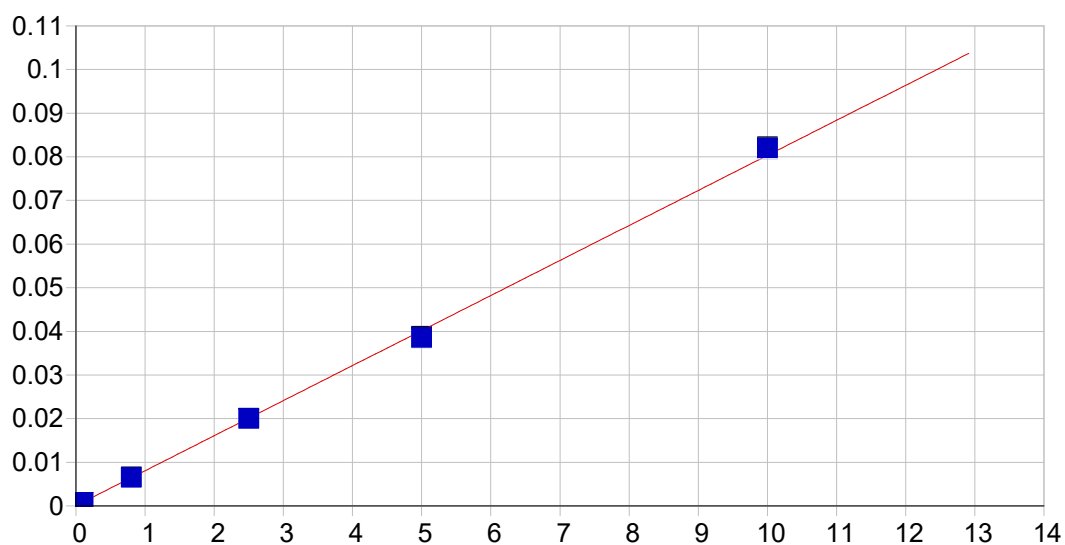


**Cu 224.700 {450}**

Date of Fit: 6/7/2023 18:25:32      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000438 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.465979  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999733  | Status:   | OK.      |
| Std Error of Est: | 0.000130  |           |          |
| Predicted MDL:    | 0.000722  |           |          |
| Predicted MQL:    | 0.002406  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00044 | .000    | 1        |
| S1        | .02000       | .02371      | .004       | 18.6    | .01086  | .000    | 1        |
| S3        | .62500       | .63983      | .015       | 2.37    | .30537  | .001    | 1        |
| S4        | 1.2500       | 1.2283      | -.022      | -1.74   | .58725  | .001    | 1        |
| S5        | 2.5000       | 2.4882      | -.012      | -.471   | 1.1897  | .001    | 1        |
| S2        | .20000       | .21492      | .015       | 7.46    | .10216  | .001    | 1        |

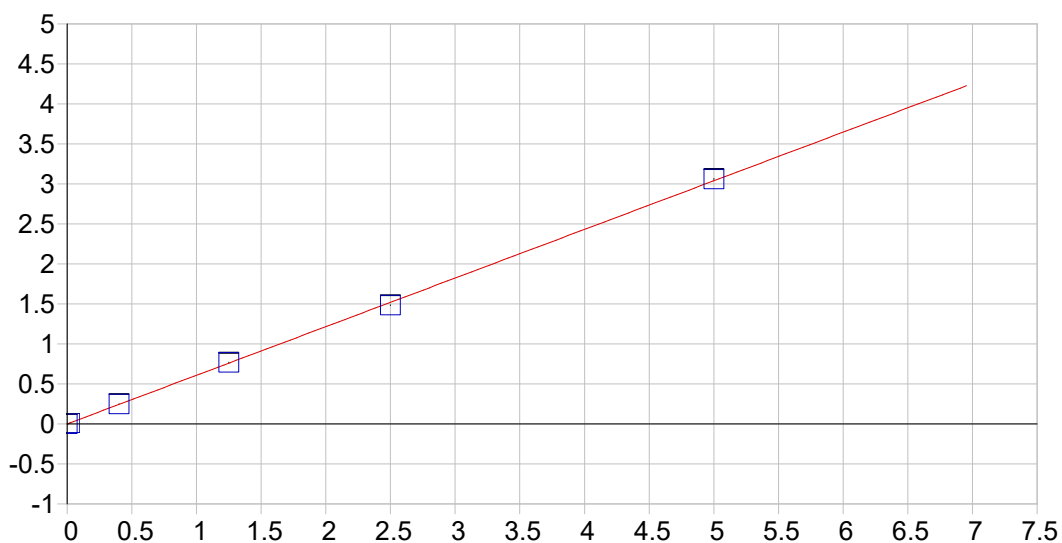


### Fe 240.488 {140}

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000044 Re-Slope: 1.000000  
 A1 (Gain): 0.008028 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999626 Status: OK.  
 Std Error of Est: 0.000011  
 Predicted MDL: 0.004987  
 Predicted MQL: 0.016624

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00004 | .000    | 1        |
| S1        | .10000       | .09146      | -.009      | -8.54   | .00078 | .000    | 1        |
| S3        | 2.5000       | 2.4886      | -.011      | -.455   | .01994 | .000    | 1        |
| S4        | 5.0000       | 4.7972      | -.203      | -4.06   | .03840 | .000    | 1        |
| S5        | 10.000       | 10.213      | .213       | 2.13    | .08171 | .000    | 1        |
| S2        | .80000       | .80992      | .010       | 1.24    | .00652 | .000    | 1        |

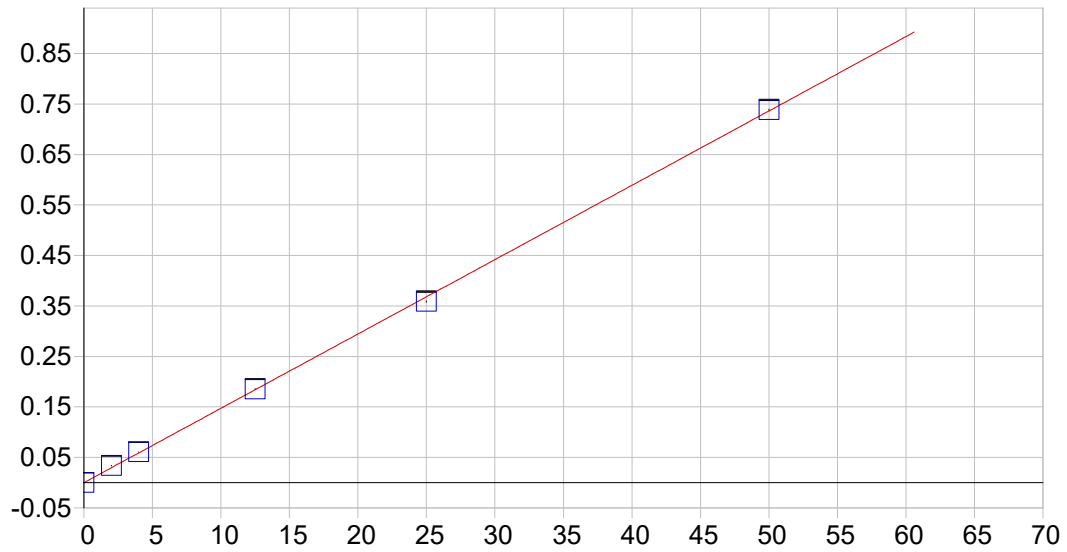


**Mn 257.610 {131}**

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000184 Re-Slope: 1.000000  
 A1 (Gain): 0.607754 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999878 Status: OK.  
 Std Error of Est: 0.000158  
 Predicted MDL: 0.000419  
 Predicted MQL: 0.001396

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00018 | .000    | 1        |
| S1        | .02000       | .02161      | .002       | 8.06    | .01332 | .000    | 1        |
| S3        | 1.2500       | 1.2616      | .012       | .930    | .76694 | .006    | 1        |
| S4        | 2.5000       | 2.4397      | -.060      | -2.41   | 1.4829 | .004    | 1        |
| S5        | 5.0000       | 5.0363      | .036       | .727    | 3.0610 | .006    | 1        |
| S2        | .40000       | .41072      | .011       | 2.68    | .24980 | .001    | 1        |

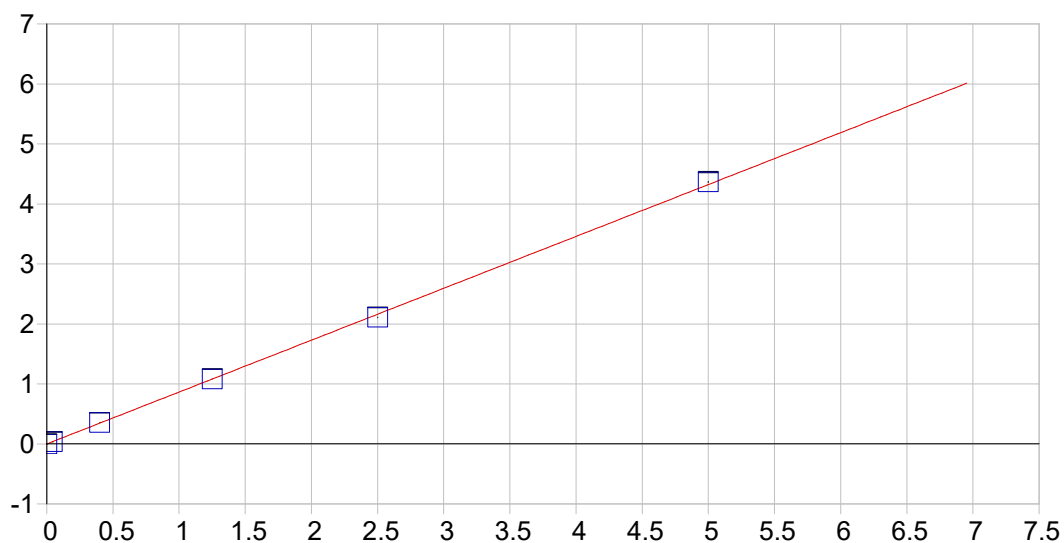


### Mg 279.079 {121}

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000066 Re-Slope: 1.000000  
 A1 (Gain): 0.014723 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999682 Status: OK.  
 Std Error of Est: 0.000196  
 Predicted MDL: 0.021201  
 Predicted MQL: 0.070671

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00031     | -.000      | .000    | .00006 | .000    | 1        |
| S2        | 4.0000       | 4.1207      | .121       | 3.02    | .06074 | .000    | 1        |
| S3        | 12.500       | 12.583      | .083       | .666    | .18533 | .001    | 1        |
| S4        | 25.000       | 24.359      | -.641      | -2.56   | .35871 | .001    | 1        |
| S5        | 50.000       | 50.160      | .160       | .320    | .73859 | .001    | 1        |
| S1        | 2.0000       | 2.2767      | .277       | 13.8    | .03359 | .001    | 1        |

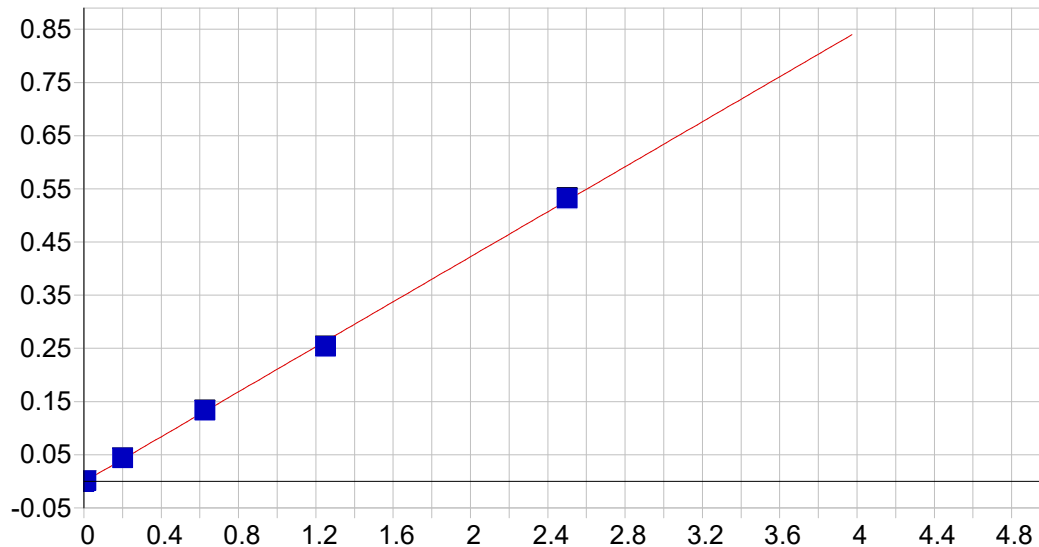


### Ni 231.604 {446}

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000132 Re-Slope: 1.000000  
 A1 (Gain): 0.864511 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999883 Status: OK.  
 Std Error of Est: 0.000310  
 Predicted MDL: 0.000363  
 Predicted MQL: 0.001211

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00013 | .000    | 1        |
| S1        | .04000       | .04111      | .001       | 2.77    | .03541  | .000    | 1        |
| S3        | 1.2500       | 1.2514      | .001       | .111    | 1.0817  | .002    | 1        |
| S4        | 2.5000       | 2.4402      | -.060      | -2.39   | 2.1095  | .006    | 1        |
| S5        | 5.0000       | 5.0478      | .048       | .955    | 4.3637  | .011    | 1        |
| S2        | .40000       | .40949      | .009       | 2.37    | .35388  | .001    | 1        |

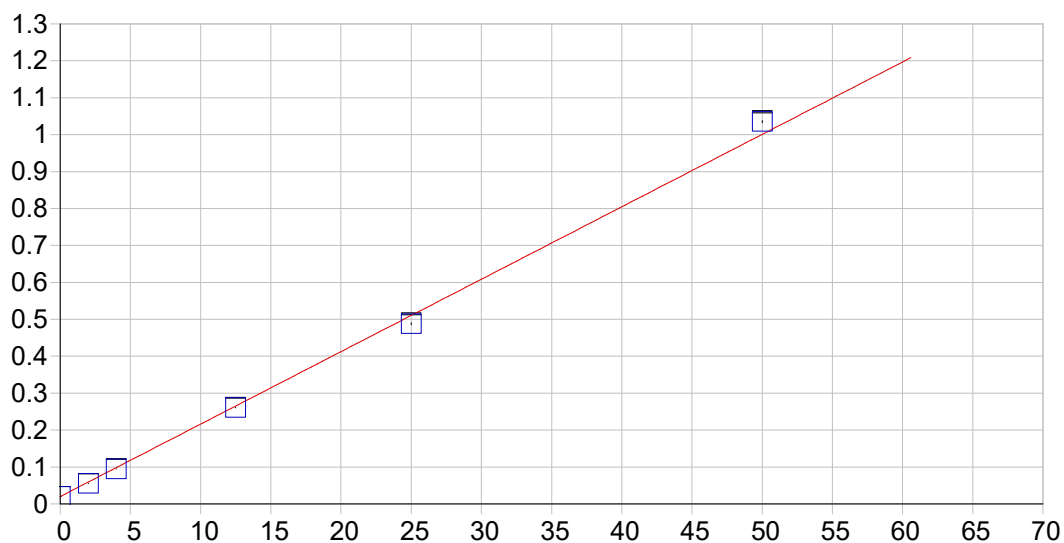


**Ag 328.068 {103}**

Date of Fit: 6/7/2023 18:25:32      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000888 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.211597  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999694  | Status:   | OK.      |
| Std Error of Est: | 0.000043  |           |          |
| Predicted MDL:    | 0.000620  |           |          |
| Predicted MQL:    | 0.002067  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00089 | .000    | 1        |
| S1        | .01000       | .01086      | .001       | 8.60    | .00140  | .000    | 1        |
| S3        | .62500       | .63669      | .012       | 1.87    | .13336  | .000    | 1        |
| S4        | 1.2500       | 1.2043      | -.046      | -3.66   | .25299  | .000    | 1        |
| S5        | 2.5000       | 2.5220      | .022       | .878    | .53086  | .001    | 1        |
| S2        | .20000       | .21120      | .011       | 5.60    | .04365  | .000    | 1        |

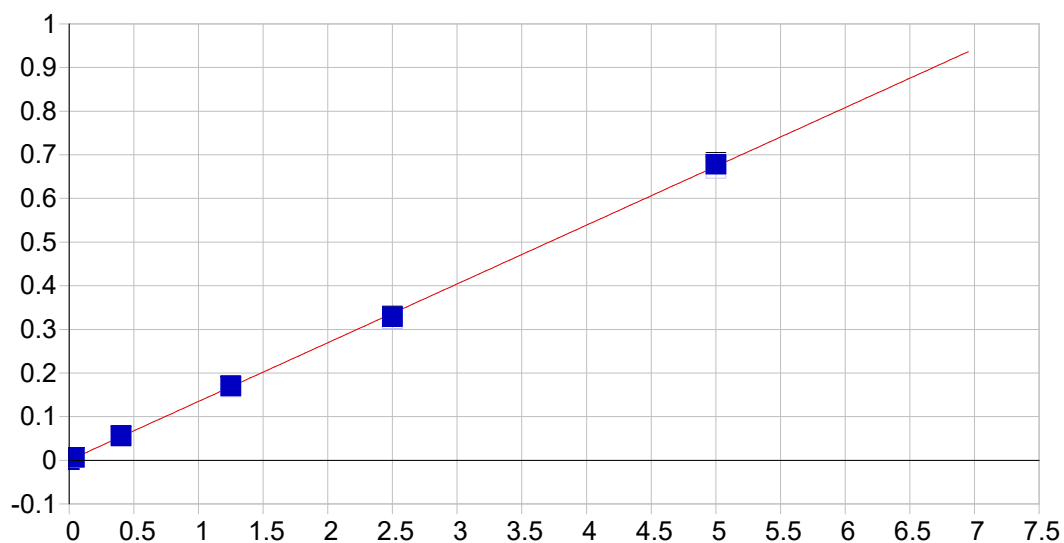


Na 589.592 { 57}

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020042 Re-Slope: 1.000000  
 A1 (Gain): 0.019615 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999209 Status: OK.  
 Std Error of Est: 0.000413  
 Predicted MDL: 0.013261  
 Predicted MQL: 0.044202

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00035      | .000       | .000    | .02005 | .000    | 1        |
| S2        | 4.0000       | 3.8163      | -.184      | -4.59   | .09490 | .000    | 1        |
| S3        | 12.500       | 12.265      | -.235      | -1.88   | .26062 | .001    | 1        |
| S4        | 25.000       | 23.860      | -1.14      | -4.56   | .48805 | .003    | 1        |
| S5        | 50.000       | 51.763      | 1.76       | 3.53    | 1.0354 | .003    | 1        |
| S1        | 2.0000       | 1.7954      | -.205      | -10.2   | .05526 | .000    | 1        |



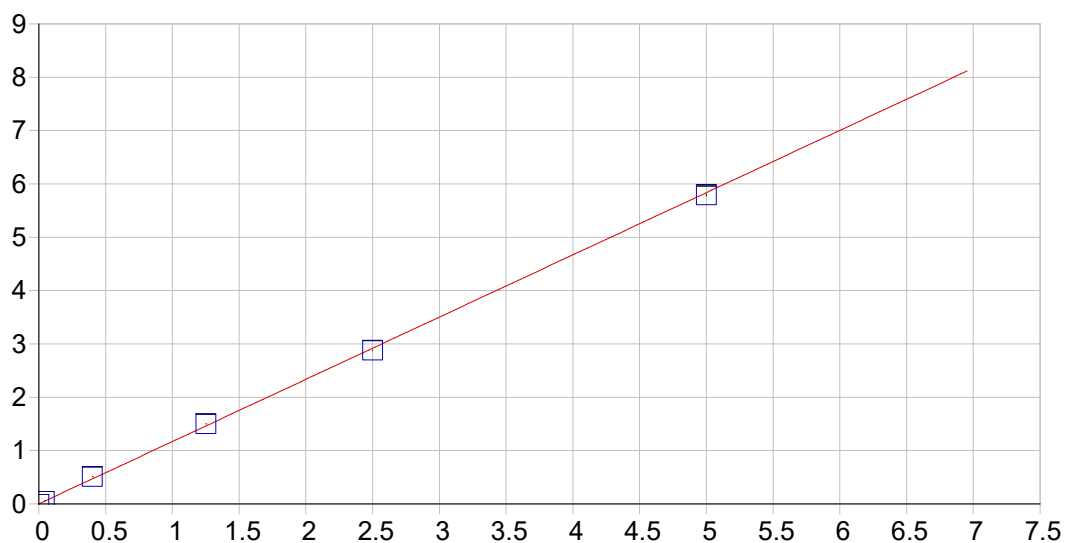
**V 292.402 {115}**

Date of Fit: 6/7/2023 18:25:32      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000131 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.134667 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999865 | Status:   | OK.      |
| Std Error of Est: | 0.000051 |           |          |
| Predicted MDL:    | 0.002768 |           |          |
| Predicted MQL:    | 0.009227 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00013 | .000    | 1        |
| S1        | .04000       | .04334      | .003       | 8.36    | .00577 | .000    | 1        |
| S3        | 1.2500       | 1.2611      | .011       | .886    | .16754 | .001    | 1        |
| S4        | 2.5000       | 2.4398      | -.060      | -2.41   | .32387 | .002    | 1        |
| S5        | 5.0000       | 5.0340      | .034       | .680    | .66839 | .004    | 1        |
| S2        | .40000       | .41184      | .012       | 2.96    | .05482 | .000    | 1        |



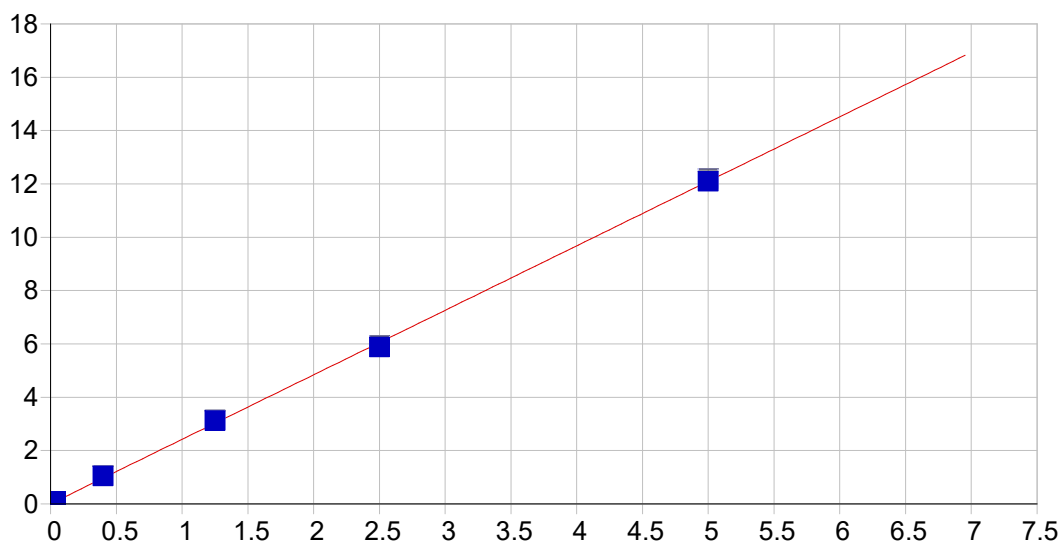


**Zn 206.200 {464}**

Date of Fit: 6/7/2023 18:25:32      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001154 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.167109 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999692 | Status:   | OK.      |
| Std Error of Est: | 0.000680 |           |          |
| Predicted MDL:    | 0.000174 |           |          |
| Predicted MQL:    | 0.000579 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00114 | .000    | 1        |
| S1        | .04000       | .04464      | .005       | 11.6    | .05326 | .000    | 1        |
| S3        | 1.2500       | 1.2854      | .035       | 2.83    | 1.5014 | .001    | 1        |
| S4        | 2.5000       | 2.4642      | -.036      | -1.43   | 2.8772 | .004    | 1        |
| S5        | 5.0000       | 4.9595      | -.041      | -.810   | 5.7894 | .015    | 1        |
| S2        | .40000       | .43625      | .036       | 9.06    | .51030 | .001    | 1        |

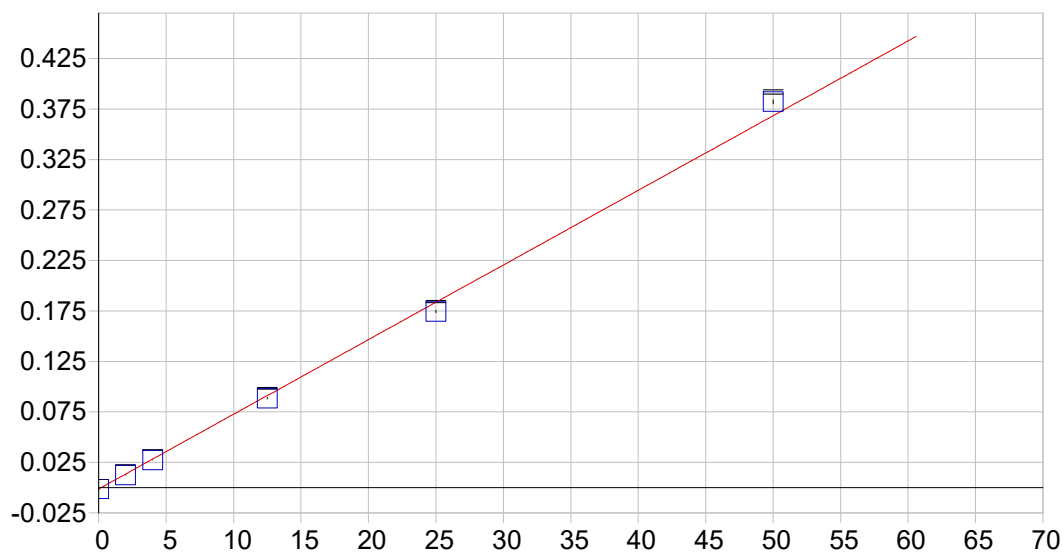


**Zn 213.856 {158}**

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002945 Re-Slope: 1.000000  
 A1 (Gain): 2.419020 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999699 Status: OK.  
 Std Error of Est: 0.001403  
 Predicted MDL: 0.000257  
 Predicted MQL: 0.000856

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00293 | .000    | 1        |
| S1        | .04000       | .04337      | .003       | 8.43    | .10865 | .001    | 1        |
| S3        | 1.2500       | 1.2879      | .038       | 3.03    | 3.1426 | .005    | 1        |
| S4        | 2.5000       | 2.4308      | -.069      | -2.77   | 5.9314 | .005    | 1        |
| S5        | 5.0000       | 4.9979      | -.002      | -.042   | 12.190 | .009    | 1        |
| S2        | .40000       | .43008      | .030       | 7.52    | 1.0511 | .001    | 1        |

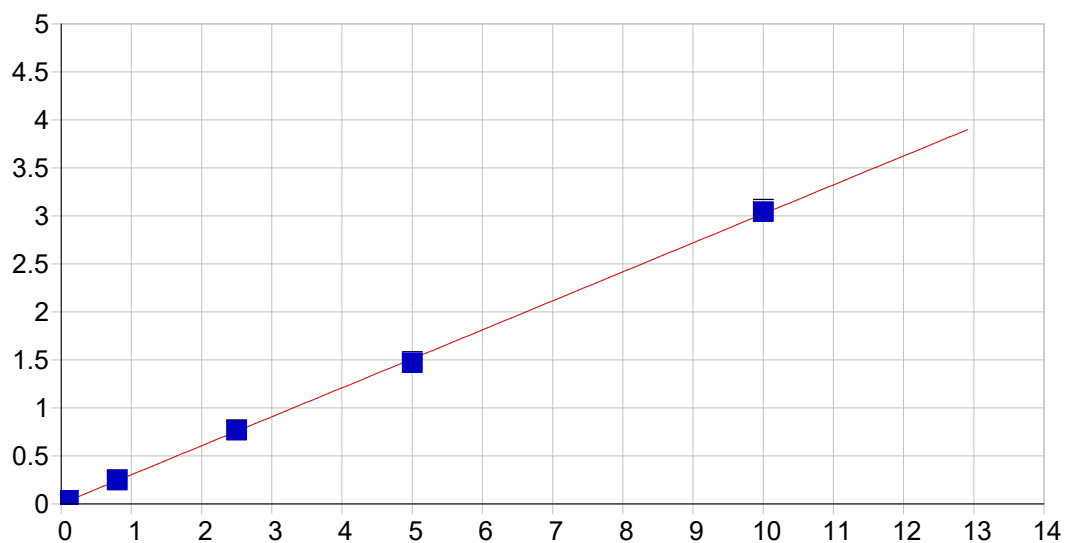


**K 766.490 { 44}**

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001271 Re-Slope: 1.000000  
 A1 (Gain): 0.007393 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999188 Status: OK.  
 Std Error of Est: 0.000158  
 Predicted MDL: 0.039425  
 Predicted MQL: 0.131417

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00028      | .000       | .000    | -.00127 | .000    | 1        |
| S2        | 4.0000       | 3.8682      | -.132      | -3.29   | .02733  | .000    | 1        |
| S3        | 12.500       | 12.141      | -.359      | -2.87   | .08849  | .001    | 1        |
| S4        | 25.000       | 23.772      | -1.23      | -4.91   | .17448  | .001    | 1        |
| S5        | 50.000       | 51.849      | 1.85       | 3.70    | .38207  | .002    | 1        |
| S1        | 2.0000       | 1.8694      | -.131      | -6.53   | .01255  | .000    | 1        |

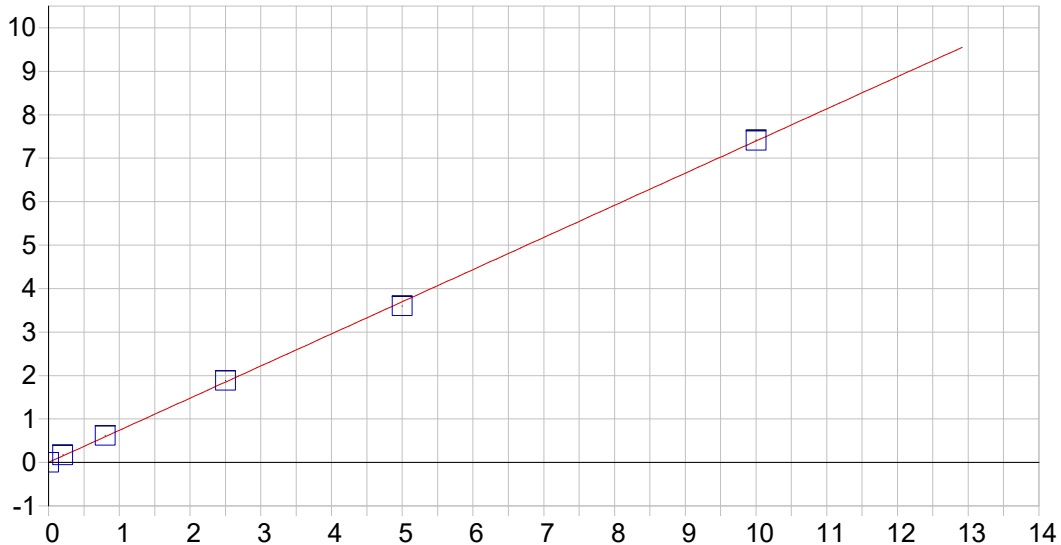


**B 249.678 {135}**

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001863 Re-Slope: 1.000000  
 A1 (Gain): 0.301902 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999841 Status: OK.  
 Std Error of Est: 0.000283  
 Predicted MDL: 0.001268  
 Predicted MQL: 0.004228

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00186 | .000    | 1        |
| S1        | .10000       | .10994      | .010       | 9.94    | .03496 | .000    | 1        |
| S3        | 2.5000       | 2.5370      | .037       | 1.48    | .76815 | .002    | 1        |
| S4        | 5.0000       | 4.8668      | -.133      | -2.66   | 1.4719 | .008    | 1        |
| S5        | 10.000       | 10.073      | .073       | .725    | 3.0442 | .025    | 1        |
| S2        | .80000       | .81382      | .014       | 1.73    | .24767 | .002    | 1        |

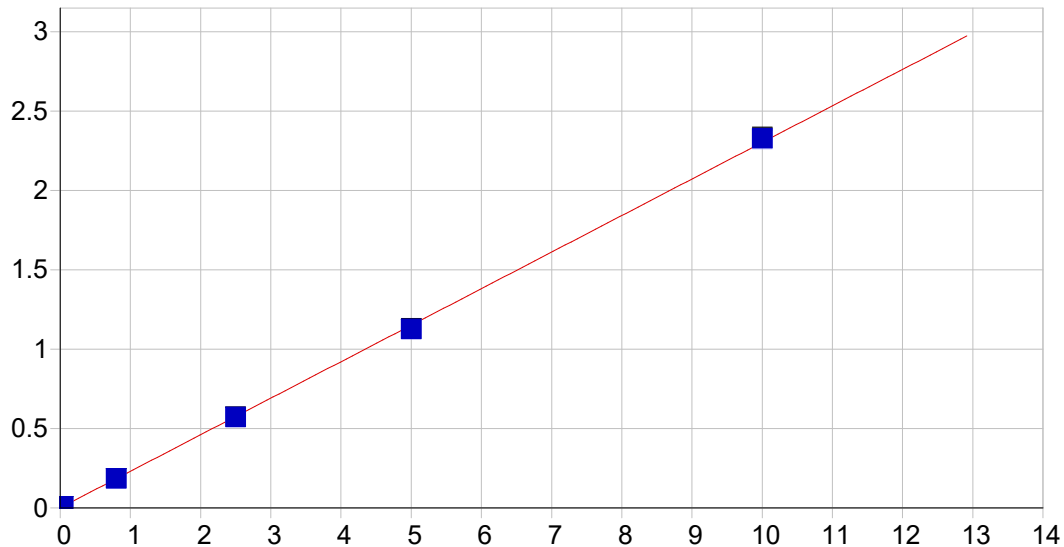


### Mo 202.030 {467}

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000052 Re-Slope: 1.000000  
 A1 (Gain): 0.739501 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999735 Status: OK.  
 Std Error of Est: 0.001267  
 Predicted MDL: 0.000281  
 Predicted MQL: 0.000936

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00004     | -.000      | .000    | .00003 | .000    | 1        |
| S1        | .20000       | .22815      | .028       | 14.1    | .16877 | .000    | 1        |
| S3        | 2.5000       | 2.5484      | .048       | 1.94    | 1.8846 | .003    | 1        |
| S4        | 5.0000       | 4.8691      | -.131      | -2.62   | 3.6007 | .003    | 1        |
| S5        | 10.000       | 10.021      | .021       | .207    | 7.4104 | .013    | 1        |
| S2        | .80000       | .83365      | .034       | 4.21    | .61654 | .002    | 1        |

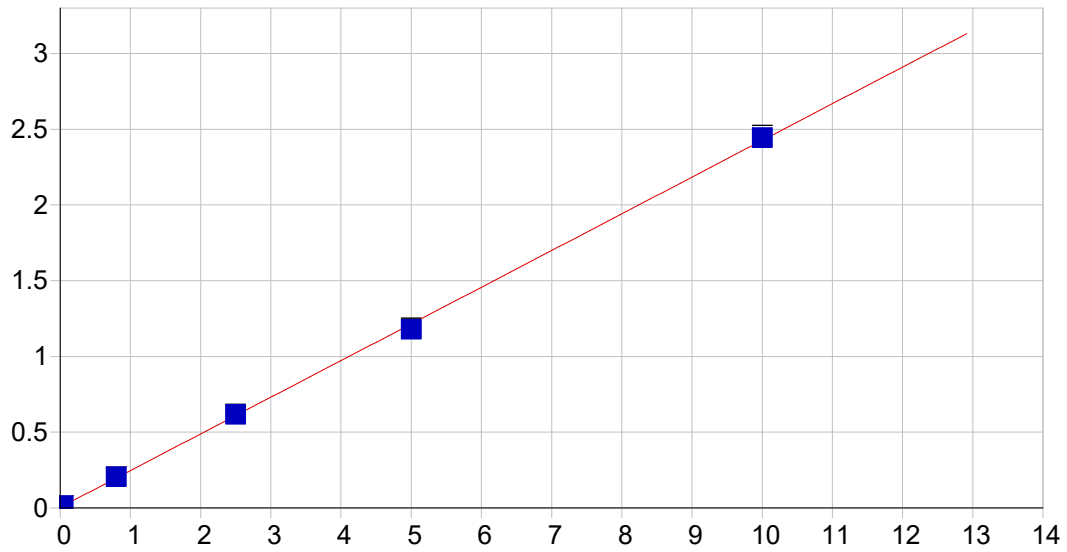


**Sn 189.989 {478}**

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000296 Re-Slope: 1.000000  
 A1 (Gain): 0.230269 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999903 Status: OK.  
 Std Error of Est: 0.000106  
 Predicted MDL: 0.000685  
 Predicted MQL: 0.002285

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00030 | .000    | 1        |
| S1        | .04000       | .03943      | -.001      | -1.42   | .00935 | .000    | 1        |
| S3        | 2.5000       | 2.4860      | -.014      | -.560   | .57120 | .000    | 1        |
| S4        | 5.0000       | 4.8971      | -.103      | -2.06   | 1.1249 | .002    | 1        |
| S5        | 10.000       | 10.116      | .116       | 1.16    | 2.3234 | .008    | 1        |
| S2        | .80000       | .80175      | .002       | .219    | .18442 | .000    | 1        |

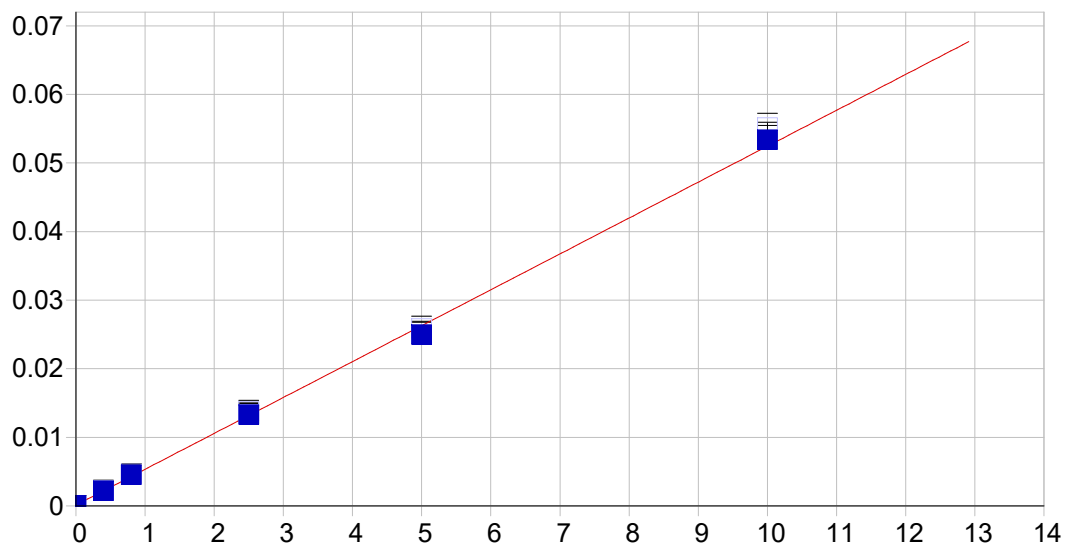


**Ti 336.121 {100}**

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003815 Re-Slope: 1.000000  
A1 (Gain): 0.242202 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999804 Status: OK.  
Std Error of Est: 0.000159  
Predicted MDL: 0.001738  
Predicted MQL: 0.005793

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00381 | .000    | 1        |
| S1        | .04000       | .04481      | .005       | 12.0    | .01467 | .000    | 1        |
| S3        | 2.5000       | 2.5354      | .035       | 1.42    | .61813 | .002    | 1        |
| S4        | 5.0000       | 4.8538      | -.146      | -2.92   | 1.1799 | .007    | 1        |
| S5        | 10.000       | 10.074      | .074       | .739    | 2.4447 | .016    | 1        |
| S2        | .80000       | .83204      | .032       | 4.01    | .20541 | .000    | 1        |



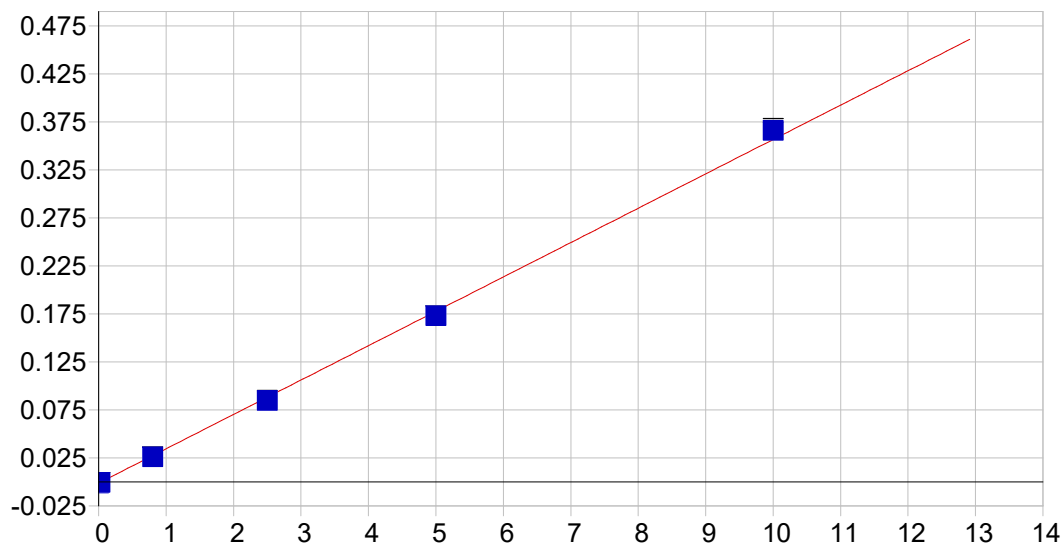
### Si 288.158 {117}

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000104 Re-Slope: 1.000000  
 A1 (Gain): 0.005235 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999553 Status: OK.  
 Std Error of Est: 0.000017  
 Predicted MDL: 0.012844  
 Predicted MQL: 0.042814

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00010 | .000    | 1        |
| S1        | .40000       | .40219      | .002       | .548    | .00222 | .000    | 1        |
| S3        | 2.5000       | 2.5237      | .024       | .948    | .01376 | .000    | 1        |
| S4        | 5.0000       | 4.7527      | -.247      | -4.95   | .02586 | .000    | 1        |
| S5        | 10.000       | 10.181      | .181       | 1.81    | .05516 | .001    | 1        |
| S2        | .80000       | .84097      | .041       | 5.12    | .00465 | .000    | 1        |



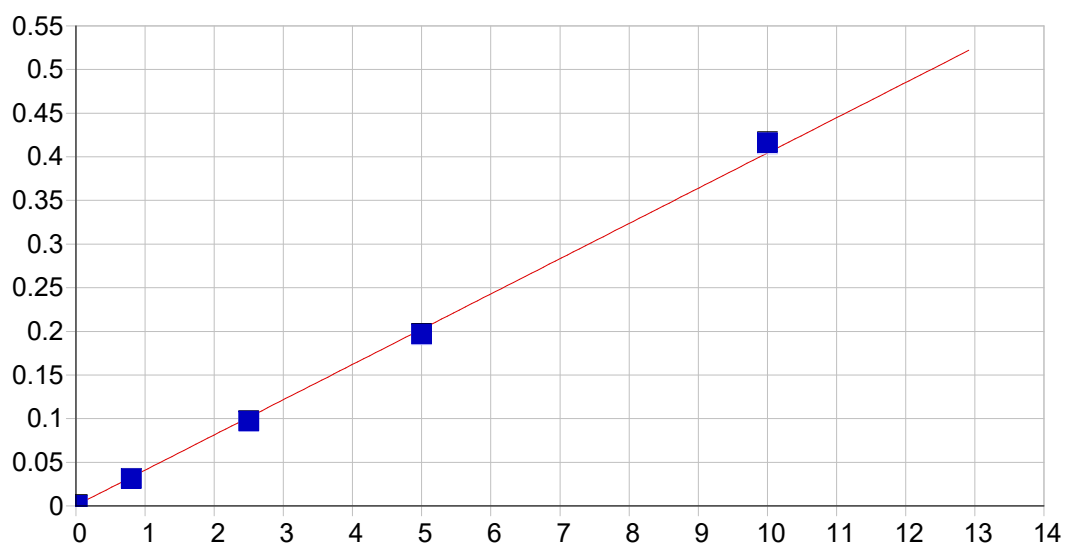


P 177.495 {490}

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001296 Re-Slope: 1.000000  
 A1 (Gain): 0.035797 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999565 Status: OK.  
 Std Error of Est: 0.000025  
 Predicted MDL: 0.003551  
 Predicted MQL: 0.011836

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00130 | .000    | 1        |
| S1        | .02000       | .01701      | -.003      | -14.9   | -.00068 | .000    | 1        |
| S3        | 2.5000       | 2.4042      | -.096      | -3.83   | .08483  | .000    | 1        |
| S4        | 5.0000       | 4.8680      | -.132      | -2.64   | .17308  | .000    | 1        |
| S5        | 10.000       | 10.264      | .264       | 2.64    | .36637  | .002    | 1        |
| S2        | .80000       | .76658      | -.033      | -4.18   | .02616  | .000    | 1        |

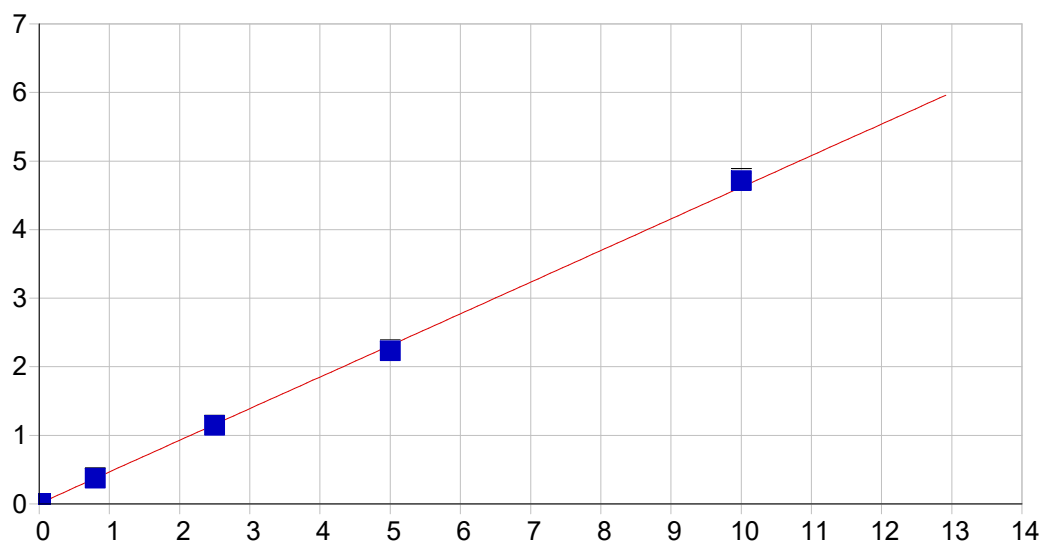


**S 182.034 {485}**

Date of Fit: 6/7/2023 18:25:32      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000604 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.040376 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999440 | Status:   | OK.      |
| Std Error of Est: | 0.000032 |           |          |
| Predicted MDL:    | 0.003479 |           |          |
| Predicted MQL:    | 0.011597 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00060 | .000    | 1        |
| S1        | .02000       | .01667      | -.003      | -16.7   | .00122 | .000    | 1        |
| S3        | 2.5000       | 2.3879      | -.112      | -4.48   | .09656 | .000    | 1        |
| S4        | 5.0000       | 4.8582      | -.142      | -2.84   | .19584 | .001    | 1        |
| S5        | 10.000       | 10.297      | .297       | 2.97    | .41451 | .001    | 1        |
| S2        | .80000       | .76037      | -.040      | -4.95   | .03116 | .000    | 1        |

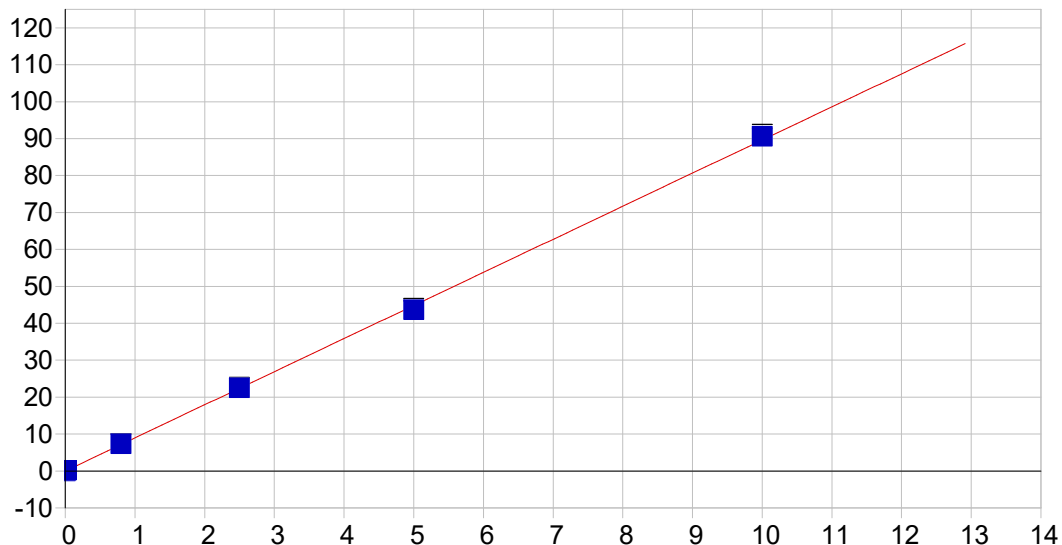


Li 670.784 { 50}

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005654 Re-Slope: 1.000000  
 A1 (Gain): 0.461144 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999709 Status: OK.  
 Std Error of Est: 0.000261  
 Predicted MDL: 0.003698  
 Predicted MQL: 0.012326

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00565 | .002    | 1        |
| S5        | 10.000       | 10.207      | .207       | 2.07    | 4.7141 | .032    | 1        |
| S4        | 5.0000       | 4.8290      | -.171      | -3.42   | 2.2332 | .013    | 1        |
| S3        | 2.5000       | 2.4635      | -.037      | -1.46   | 1.1420 | .004    | 1        |
| S1        | .02000       | .02027      | .000       | 1.35    | .01502 | .000    | 1        |
| S2        | .80000       | .80001      | .000       | .002    | .37469 | .001    | 1        |

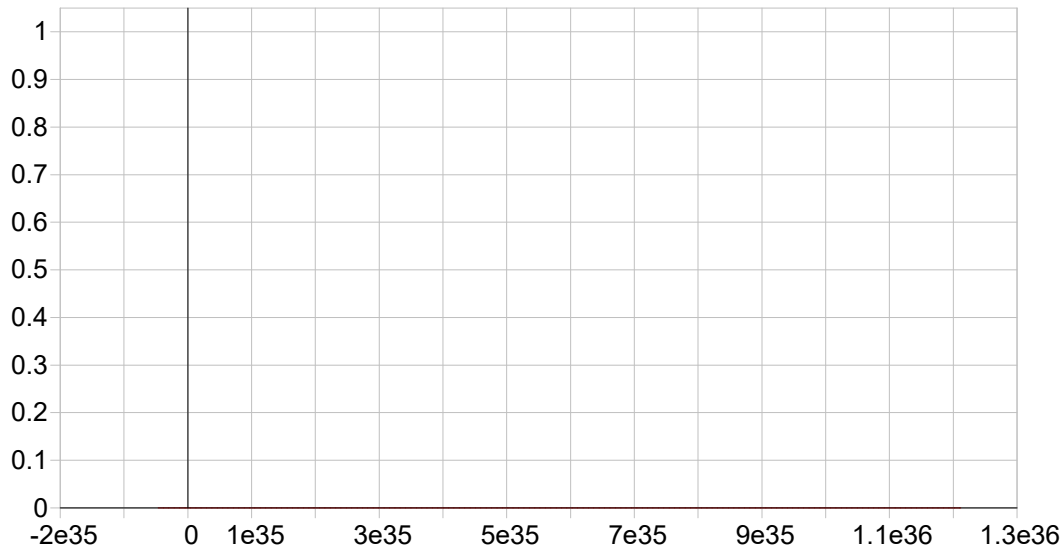


**Sr 407.771 { 83}**

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000452 Re-Slope: 1.000000  
 A1 (Gain): 8.961905 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999859 Status: OK.  
 Std Error of Est: 0.003524  
 Predicted MDL: 0.000093  
 Predicted MQL: 0.000310

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00046 | .000    | 1        |
| S1        | .02000       | .02073      | .001       | 3.65    | .18623  | .005    | 1        |
| S3        | 2.5000       | 2.5060      | .006       | .242    | 22.481  | .184    | 1        |
| S4        | 5.0000       | 4.8667      | -.133      | -2.67   | 43.660  | .403    | 1        |
| S5        | 10.000       | 10.109      | .109       | 1.09    | 90.686  | .556    | 1        |
| S2        | .80000       | .81735      | .017       | 2.17    | 7.3317  | .028    | 1        |

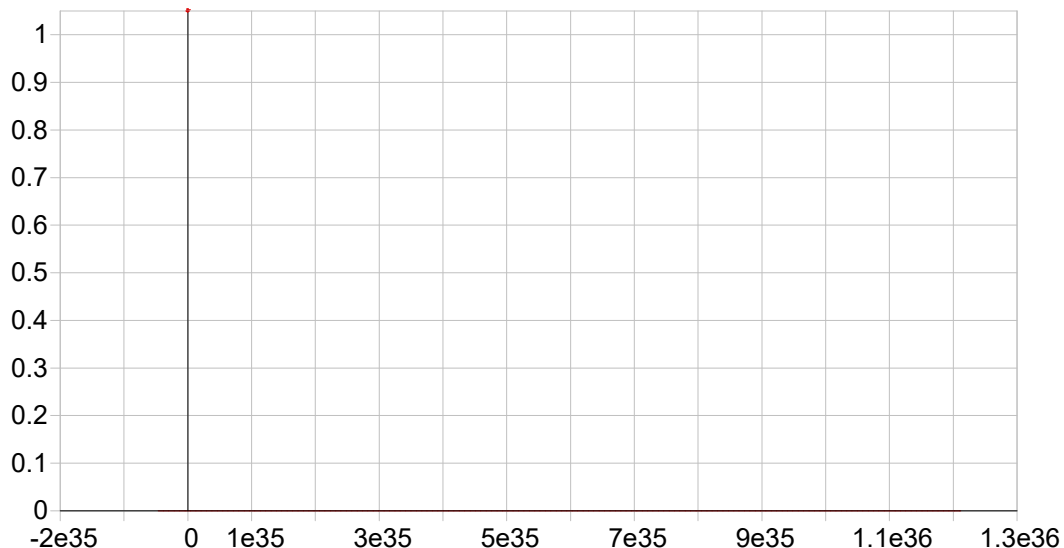


**Ce 404.076 { 83}**

Date of Fit: 6/7/2023 18:25:32 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 |           |                   |

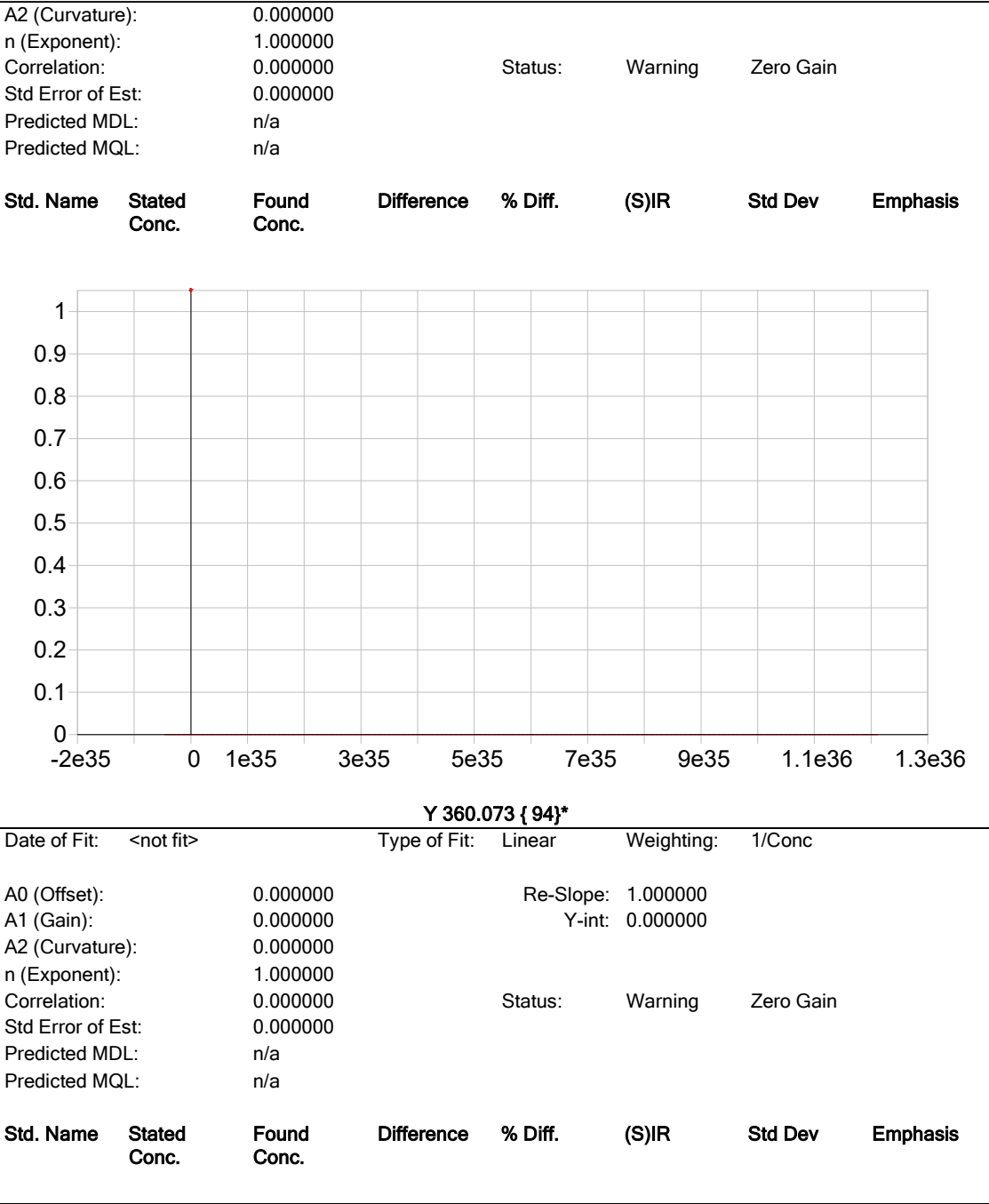
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|

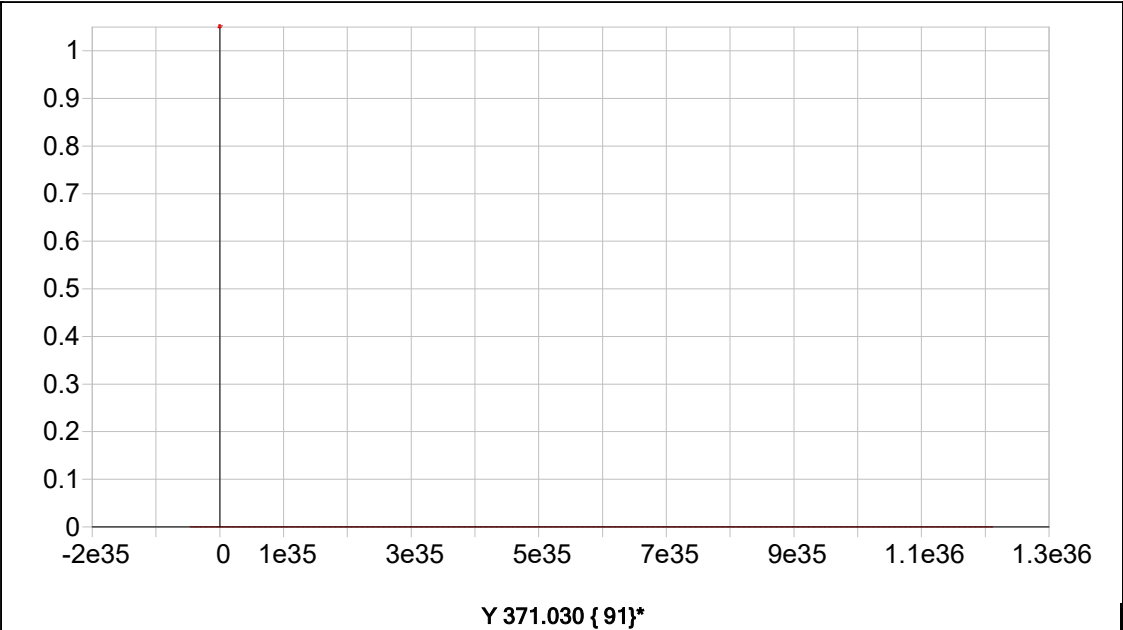


**Y 224.306 {450}\***

Date of Fit: 6/7/2023 18:25:32 Type of Fit: Linear Weighting: 1/Conc

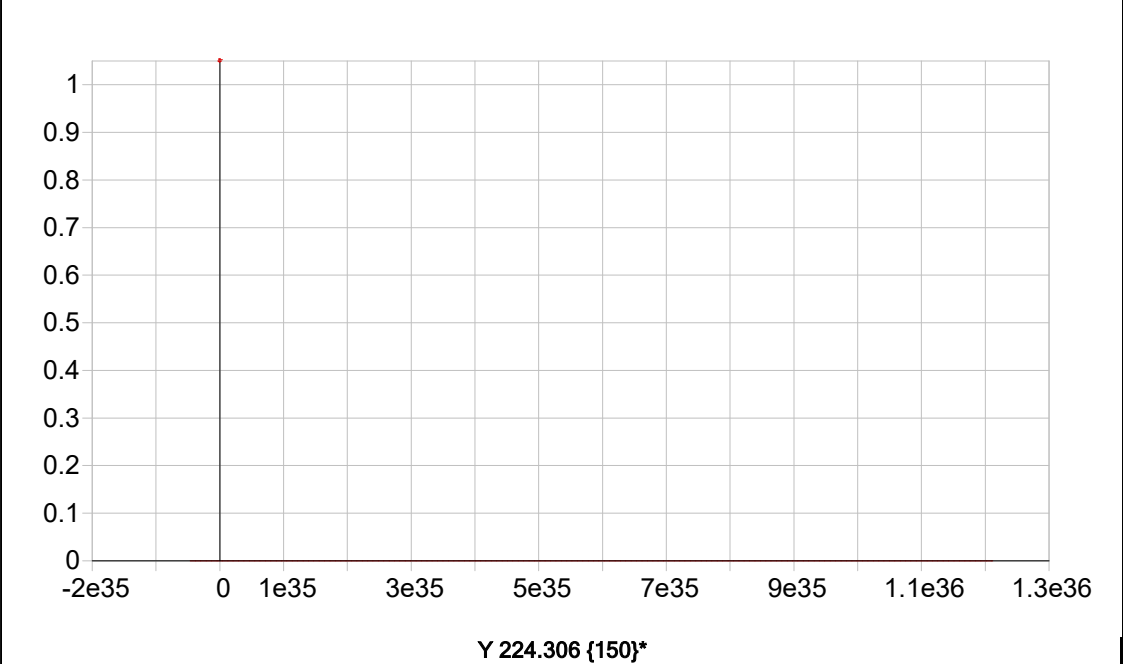
|              |          |           |          |
|--------------|----------|-----------|----------|
| A0 (Offset): | 0.000000 | Re-Slope: | 1.000000 |
| A1 (Gain):   | 0.000000 | Y-int:    | 0.000000 |



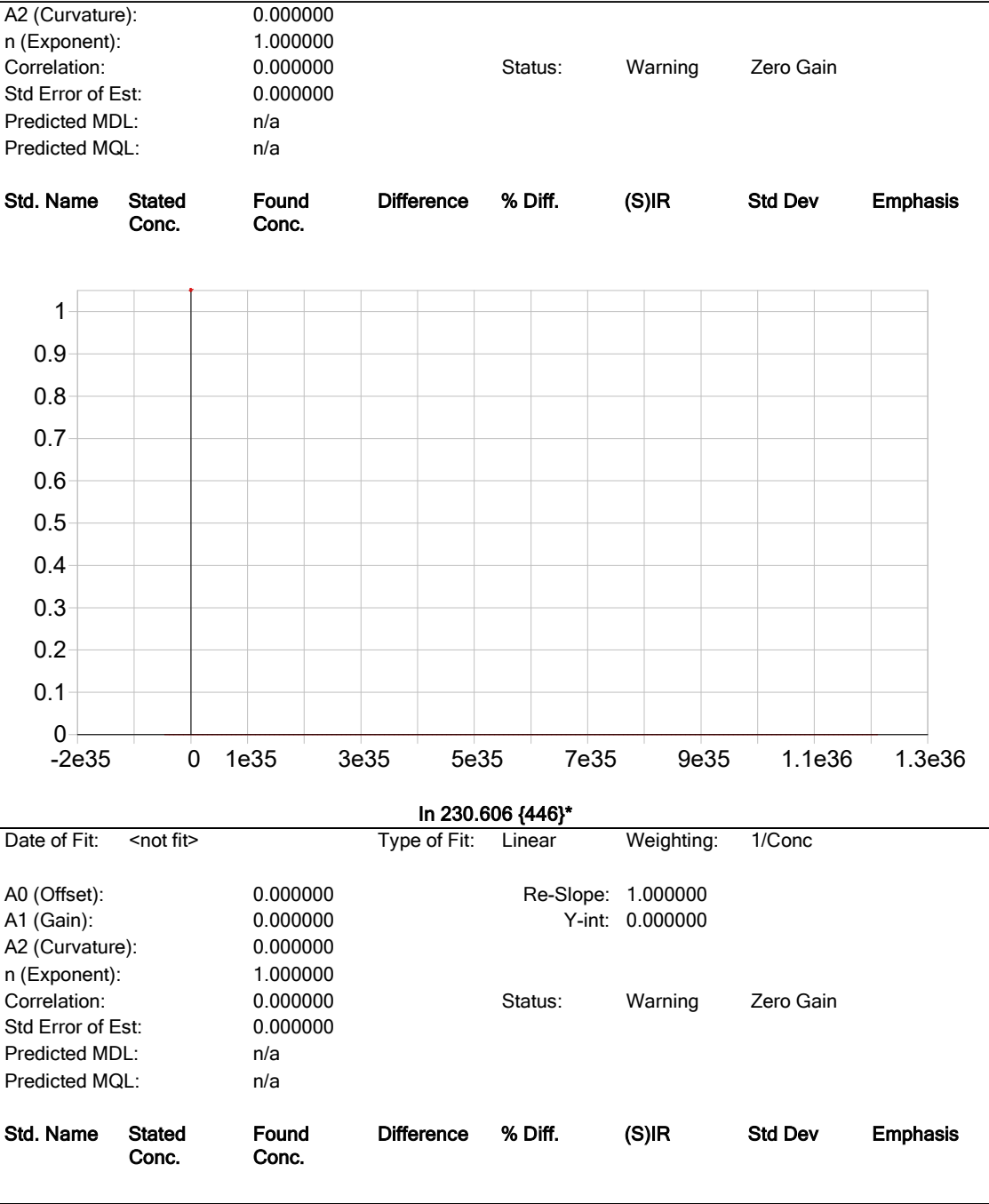


|                   |           |  |              |          |            |        |
|-------------------|-----------|--|--------------|----------|------------|--------|
| Date of Fit:      | <not fit> |  | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset):      | 0.000000  |  | Re-Slope: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



|              |           |  |              |          |            |        |
|--------------|-----------|--|--------------|----------|------------|--------|
| 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: 6/7/2023 12:21:22      Type: Cal  
Method: NON EPA-6010-200.7(v1871)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                |               |                |               |               |               |               |               |
|--------|----------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890         | Tl1908        | Pb2203         | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        |
| Units  | Cts/S          | Cts/S         | Cts/S          | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>-.00020</b> | <b>.00004</b> | <b>-.00014</b> | <b>.00015</b> | <b>.00050</b> | <b>.00036</b> | <b>.12517</b> | <b>.00158</b> |
| Stddev | .00006         | .00013        | .00020         | .00012        | .00011        | .00137        | .00429        | .00031        |
| %RSD   | 31.848         | 319.10        | 148.47         | 82.650        | 21.182        | 383.12        | 3.4236        | 19.786        |

|    |                |                |                |               |               |                |               |               |
|----|----------------|----------------|----------------|---------------|---------------|----------------|---------------|---------------|
| #1 | <b>-.00025</b> | <b>.00003</b>  | <b>-.00012</b> | <b>.00002</b> | <b>.00054</b> | <b>.00172</b>  | <b>.12030</b> | <b>.00126</b> |
| #2 | <b>-.00022</b> | <b>-.00008</b> | <b>.00006</b>  | <b>.00016</b> | <b>.00038</b> | <b>.00037</b>  | <b>.12683</b> | <b>.00188</b> |
| #3 | <b>-.00013</b> | <b>.00017</b>  | <b>-.00035</b> | <b>.00026</b> | <b>.00057</b> | <b>-.00102</b> | <b>.12838</b> | <b>.00159</b> |

|        |               |               |               |               |                |               |               |               |
|--------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|
| Elem   | Cd2265        | Ca3736        | Cr2677        | Co2286        | Cu2247         | Fe2404        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S          | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.00007</b> | <b>.00015</b> | <b>.00001</b> | <b>.00046</b> | <b>-.00044</b> | <b>.00004</b> | <b>.00018</b> | <b>.00006</b> |
| Stddev | .00018        | .00074        | .00008        | .00011        | .00010         | .00003        | .00035        | .00009        |
| %RSD   | 236.06        | 506.74        | 637.14        | 23.495        | 22.088         | 59.879        | 189.52        | 143.58        |

|    |                |                |                |               |                |               |                |                |
|----|----------------|----------------|----------------|---------------|----------------|---------------|----------------|----------------|
| #1 | <b>-.00013</b> | <b>.00061</b>  | <b>-.00005</b> | <b>.00038</b> | <b>-.00055</b> | <b>.00007</b> | <b>.00040</b>  | <b>.00009</b>  |
| #2 | <b>.00019</b>  | <b>-.00071</b> | <b>-.00001</b> | <b>.00058</b> | <b>-.00037</b> | <b>.00004</b> | <b>.00037</b>  | <b>.00013</b>  |
| #3 | <b>.00017</b>  | <b>.00053</b>  | <b>.00010</b>  | <b>.00042</b> | <b>-.00040</b> | <b>.00002</b> | <b>-.00022</b> | <b>-.00004</b> |

|        |                |                |               |               |               |                |               |               |
|--------|----------------|----------------|---------------|---------------|---------------|----------------|---------------|---------------|
| Elem   | Ni2316         | Ag3280         | Na5895        | V_2924        | Zn2138        | K_7664         | B_2496        | Mo2020        |
| Units  | Cts/S          | Cts/S          | Cts/S         | Cts/S         | Cts/S         | Cts/S          | Cts/S         | Cts/S         |
| Avg    | <b>-.00013</b> | <b>-.00089</b> | <b>.02005</b> | <b>.00013</b> | <b>.00293</b> | <b>-.00127</b> | <b>.00186</b> | <b>.00003</b> |
| Stddev | .00018         | .00002         | .00026        | .00020        | .00019        | .00017         | .00015        | .00013        |
| %RSD   | 137.45         | 2.4077         | 1.3194        | 153.75        | 6.5335        | 13.618         | 8.2431        | 504.36        |

|    |                |                |               |                |               |                |               |                |
|----|----------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
| #1 | <b>-.00033</b> | <b>-.00090</b> | <b>.02035</b> | <b>-.00008</b> | <b>.00282</b> | <b>-.00111</b> | <b>.00176</b> | <b>.00015</b>  |
| #2 | <b>-.00010</b> | <b>-.00090</b> | <b>.01990</b> | <b>.00031</b>  | <b>.00315</b> | <b>-.00145</b> | <b>.00178</b> | <b>-.00010</b> |
| #3 | <b>.00003</b>  | <b>-.00086</b> | <b>.01989</b> | <b>.00016</b>  | <b>.00282</b> | <b>-.00125</b> | <b>.00204</b> | <b>.00002</b>  |

|        |               |               |               |                |               |               |                |  |
|--------|---------------|---------------|---------------|----------------|---------------|---------------|----------------|--|
| Elem   | Sn1899        | Ti3361        | Si2881        | P_1774         | S_1820        | Li6707        | Sr4077         |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S          | Cts/S         | Cts/S         | Cts/S          |  |
| Avg    | <b>.00030</b> | <b>.00381</b> | <b>.00010</b> | <b>-.00130</b> | <b>.00060</b> | <b>.00565</b> | <b>-.00046</b> |  |
| Stddev | .00012        | .00034        | .00003        | .00013         | .00008        | .00165        | .00047         |  |
| %RSD   | 41.939        | 8.8605        | 33.537        | 10.118         | 13.916        | 29.150        | 103.06         |  |

|    |               |               |               |                |               |               |                |  |
|----|---------------|---------------|---------------|----------------|---------------|---------------|----------------|--|
| #1 | <b>.00017</b> | <b>.00366</b> | <b>.00006</b> | <b>-.00115</b> | <b>.00068</b> | <b>.00378</b> | <b>-.00100</b> |  |
| #2 | <b>.00041</b> | <b>.00358</b> | <b>.00012</b> | <b>-.00140</b> | <b>.00061</b> | <b>.00631</b> | <b>-.00028</b> |  |
| #3 | <b>.00031</b> | <b>.00420</b> | <b>.00013</b> | <b>-.00134</b> | <b>.00052</b> | <b>.00688</b> | <b>-.00010</b> |  |

Sample Name: S0      Acquired: 6/7/2023 12:21:22      Type: Cal  
Method: NON EPA-6010-200.7(v1871)      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       | 4062.6 | 61065. | 9693.4 | 3774.8 | 3756.9 |
| Stddev    | 7.7    | 305.   | 44.0   | 34.0   | 10.3   |
| %RSD      | .18924 | .49979 | .45382 | .90114 | .27465 |
| #1        | 4057.2 | 60718. | 9709.6 | 3737.6 | 3747.6 |
| #2        | 4059.1 | 61293. | 9643.6 | 3782.6 | 3755.1 |
| #3        | 4071.4 | 61183. | 9727.0 | 3804.3 | 3768.0 |

Sample Name: S1      Acquired: 6/7/2023 12:25:21      Type: Cal  
Method: NON EPA-6010-200.7(v1871)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .00094 | .00367 | .00347 | .00109 | .00565 | .00967 | .26339 | .04182 |
| Stddev | .00003 | .00006 | .00021 | .00010 | .00019 | .00067 | .00519 | .00036 |
| %RSD   | 3.3738 | 1.7627 | 6.0863 | 9.1173 | 3.2984 | 6.9570 | 1.9693 | .87017 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00091 | .00360 | .00366 | .00118 | .00567 | .00902 | .25772 | .04140 |
| #2 | .00094 | .00373 | .00324 | .00098 | .00545 | .01036 | .26790 | .04209 |
| #3 | .00098 | .00367 | .00349 | .00111 | .00582 | .00964 | .26454 | .04196 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .02866 | .11352 | .00180 | .04608 | .01086 | .00078 | .01332 | .03359 |
| Stddev | .00018 | .00202 | .00002 | .00049 | .00035 | .00000 | .00034 | .00057 |
| %RSD   | .63072 | 1.7750 | 1.3252 | 1.0549 | 3.2017 | .22617 | 2.5311 | 1.7027 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02868 | .11126 | .00181 | .04608 | .01126 | .00078 | .01295 | .03293 |
| #2 | .02883 | .11419 | .00181 | .04657 | .01066 | .00077 | .01360 | .03390 |
| #3 | .02847 | .11512 | .00177 | .04560 | .01065 | .00077 | .01341 | .03393 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .03541 | .00140 | .05526 | .00577 | .10865 | .01255 | .03496 | .16877 |
| Stddev | .00036 | .00005 | .00038 | .00039 | .00054 | .00008 | .00041 | .00004 |
| %RSD   | 1.0124 | 3.7548 | .68963 | 6.7249 | .49731 | .62103 | 1.1753 | .02260 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03505 | .00134 | .05487 | .00573 | .10891 | .01255 | .03468 | .16873 |
| #2 | .03577 | .00143 | .05528 | .00541 | .10902 | .01247 | .03543 | .16876 |
| #3 | .03540 | .00143 | .05563 | .00618 | .10803 | .01263 | .03478 | .16881 |

|        |        |        |        |         |        |        |        |  |
|--------|--------|--------|--------|---------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774  | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | .00935 | .01467 | .00222 | -.00068 | .00122 | .01502 | .18623 |  |
| Stddev | .00003 | .00040 | .00008 | .00012  | .00003 | .00049 | .00513 |  |
| %RSD   | .36501 | 2.7123 | 3.6043 | 17.083  | 2.4423 | 3.2862 | 2.7555 |  |

|    |        |        |        |         |        |        |        |  |
|----|--------|--------|--------|---------|--------|--------|--------|--|
| #1 | .00937 | .01446 | .00231 | -.00073 | .00120 | .01539 | .18031 |  |
| #2 | .00936 | .01512 | .00215 | -.00077 | .00121 | .01520 | .18936 |  |
| #3 | .00931 | .01441 | .00220 | -.00055 | .00126 | .01446 | .18901 |  |

Sample Name: S1      Acquired: 6/7/2023 12:25:21      Type: Cal  
Method: NON EPA-6010-200.7(v1871)      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       | 4061.6 | 62362. | 9690.6 | 3835.6 | 3707.1 |
| Stddev    | 4.5    | 177.   | 128.1  | 5.2    | 3.5    |
| %RSD      | .11135 | .28454 | 1.3213 | .13459 | .09465 |
| #1        | 4066.7 | 62216. | 9837.6 | 3832.2 | 3710.8 |
| #2        | 4059.9 | 62560. | 9602.9 | 3833.0 | 3706.7 |
| #3        | 4058.1 | 62312. | 9631.4 | 3841.5 | 3703.8 |

Sample Name: S2      Acquired: 6/7/2023 12:29:19      Type: Cal  
Method: NON EPA-6010-200.7(v1871)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.04252</b> | <b>.07212</b> | <b>.21338</b> | <b>.03430</b> | <b>.08209</b> | <b>.13559</b> | <b>2.3509</b> | <b>.24650</b> |
| Stddev | .00015        | .00016        | .00063        | .00013        | .00047        | .00165        | .0051         | .00225        |
| %RSD   | .34435        | .22841        | .29664        | .38763        | .57697        | 1.2133        | .21666        | .91231        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.04243</b> | <b>.07222</b> | <b>.21315</b> | <b>.03430</b> | <b>.08154</b> | <b>.13377</b> | <b>2.3486</b> | <b>.24501</b> |
| #2 | <b>.04269</b> | <b>.07221</b> | <b>.21289</b> | <b>.03443</b> | <b>.08234</b> | <b>.13603</b> | <b>2.3568</b> | <b>.24909</b> |
| #3 | <b>.04244</b> | <b>.07193</b> | <b>.21409</b> | <b>.03417</b> | <b>.08239</b> | <b>.13697</b> | <b>2.3474</b> | <b>.24541</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2265        | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>1.7126</b> | <b>.23020</b> | <b>.02974</b> | <b>.59865</b> | <b>.10216</b> | <b>.00652</b> | <b>.24980</b> | <b>.06074</b> |
| Stddev | .0037         | .00066        | .00010        | .00124        | .00054        | .00007        | .00146        | .00024        |
| %RSD   | .21284        | .28543        | .33104        | .20654        | .53042        | 1.0403        | .58307        | .38929        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>1.7085</b> | <b>.23072</b> | <b>.02964</b> | <b>.59744</b> | <b>.10154</b> | <b>.00652</b> | <b>.24812</b> | <b>.06049</b> |
| #2 | <b>1.7136</b> | <b>.23043</b> | <b>.02976</b> | <b>.59859</b> | <b>.10256</b> | <b>.00645</b> | <b>.25073</b> | <b>.06096</b> |
| #3 | <b>1.7156</b> | <b>.22946</b> | <b>.02983</b> | <b>.59991</b> | <b>.10238</b> | <b>.00659</b> | <b>.25056</b> | <b>.06076</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.35388</b> | <b>.04365</b> | <b>.09490</b> | <b>.05482</b> | <b>1.0511</b> | <b>.02733</b> | <b>.24767</b> | <b>.61654</b> |
| Stddev | .00118        | .00020        | .00048        | .00036        | .0014         | .00016        | .00199        | .00183        |
| %RSD   | .33338        | .46048        | .50880        | .65429        | .13084        | .57493        | .80256        | .29617        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.35298</b> | <b>.04346</b> | <b>.09515</b> | <b>.05508</b> | <b>1.0526</b> | <b>.02723</b> | <b>.24626</b> | <b>.61458</b> |
| #2 | <b>.35343</b> | <b>.04386</b> | <b>.09434</b> | <b>.05441</b> | <b>1.0506</b> | <b>.02751</b> | <b>.24995</b> | <b>.61820</b> |
| #3 | <b>.35521</b> | <b>.04363</b> | <b>.09521</b> | <b>.05497</b> | <b>1.0500</b> | <b>.02725</b> | <b>.24681</b> | <b>.61682</b> |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Sn1899        | Ti3361        | Si2881        | P_1774        | S_1820        | Li6707        | Sr4077        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>.18442</b> | <b>.20541</b> | <b>.00465</b> | <b>.02616</b> | <b>.03116</b> | <b>.37469</b> | <b>7.3317</b> |  |
| Stddev | .00037        | .00035        | .00009        | .00009        | .00011        | .00133        | .0282         |  |
| %RSD   | .20074        | .16942        | 1.9133        | .34380        | .34869        | .35542        | .38512        |  |

|    |               |               |               |               |               |               |               |  |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| #1 | <b>.18403</b> | <b>.20504</b> | <b>.00462</b> | <b>.02608</b> | <b>.03127</b> | <b>.37359</b> | <b>7.3064</b> |  |
| #2 | <b>.18447</b> | <b>.20573</b> | <b>.00457</b> | <b>.02626</b> | <b>.03105</b> | <b>.37617</b> | <b>7.3622</b> |  |
| #3 | <b>.18476</b> | <b>.20546</b> | <b>.00475</b> | <b>.02616</b> | <b>.03115</b> | <b>.37432</b> | <b>7.3265</b> |  |

Sample Name: S2      Acquired: 6/7/2023 12:29:19      Type: Cal  
Method: NON EPA-6010-200.7(v1871)      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       | 4042.9 | 59596. | 9906.9 | 3760.7 | 3617.8 |
| Stddev    | 8.7    | 279.   | 36.2   | 26.4   | 10.2   |
| %RSD      | .21552 | .46748 | .36584 | .70255 | .28174 |
| #1        | 4052.9 | 59291. | 9901.3 | 3732.4 | 3626.1 |
| #2        | 4038.0 | 59838. | 9873.9 | 3765.0 | 3620.9 |
| #3        | 4037.6 | 59658. | 9945.7 | 3784.7 | 3606.4 |

Sample Name: S3      Acquired: 6/7/2023 12:33:05      Type: Cal  
Method: NON EPA-6010-200.7(v1871)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.12923</b> | <b>.22054</b> | <b>.65664</b> | <b>.10329</b> | <b>.24830</b> | <b>.41482</b> | <b>7.0026</b> | <b>.76261</b> |
| Stddev | .00040        | .00030        | .00033        | .00016        | .00047        | .00126        | .0258         | .00105        |
| %RSD   | .30675        | .13757        | .05031        | .15661        | .18960        | .30462        | .36889        | .13758        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.12946</b> | <b>.22069</b> | <b>.65651</b> | <b>.10321</b> | <b>.24801</b> | <b>.41339</b> | <b>6.9847</b> | <b>.76158</b> |
| #2 | <b>.12945</b> | <b>.22019</b> | <b>.65639</b> | <b>.10319</b> | <b>.24884</b> | <b>.41578</b> | <b>7.0322</b> | <b>.76368</b> |
| #3 | <b>.12877</b> | <b>.22074</b> | <b>.65701</b> | <b>.10348</b> | <b>.24804</b> | <b>.41529</b> | <b>6.9909</b> | <b>.76258</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2265        | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>5.2679</b> | <b>.69456</b> | <b>.09111</b> | <b>1.8433</b> | <b>.30537</b> | <b>.01994</b> | <b>.76694</b> | <b>.18533</b> |
| Stddev | .0026         | .00265        | .00007        | .0009         | .00062        | .00008        | .00598        | .00103        |
| %RSD   | .04842        | .38219        | .07603        | .05069        | .20452        | .40024        | .77975        | .55767        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>5.2678</b> | <b>.69201</b> | <b>.09103</b> | <b>1.8423</b> | <b>.30518</b> | <b>.01985</b> | <b>.76005</b> | <b>.18426</b> |
| #2 | <b>5.2704</b> | <b>.69731</b> | <b>.09115</b> | <b>1.8435</b> | <b>.30606</b> | <b>.01999</b> | <b>.77075</b> | <b>.18543</b> |
| #3 | <b>5.2653</b> | <b>.69435</b> | <b>.09116</b> | <b>1.8442</b> | <b>.30486</b> | <b>.01999</b> | <b>.77002</b> | <b>.18632</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>1.0817</b> | <b>.13336</b> | <b>.26062</b> | <b>.16754</b> | <b>3.1426</b> | <b>.08849</b> | <b>.76815</b> | <b>1.8846</b> |
| Stddev | .0017         | .00039        | .00069        | .00094        | .0052         | .00082        | .00189        | .0029         |
| %RSD   | .15858        | .29426        | .26485        | .56246        | .16509        | .93073        | .24622        | .15598        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>1.0808</b> | <b>.13378</b> | <b>.25993</b> | <b>.16646</b> | <b>3.1390</b> | <b>.08759</b> | <b>.76697</b> | <b>1.8816</b> |
| #2 | <b>1.0807</b> | <b>.13301</b> | <b>.26131</b> | <b>.16806</b> | <b>3.1485</b> | <b>.08867</b> | <b>.76714</b> | <b>1.8874</b> |
| #3 | <b>1.0837</b> | <b>.13329</b> | <b>.26063</b> | <b>.16811</b> | <b>3.1401</b> | <b>.08921</b> | <b>.77033</b> | <b>1.8848</b> |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Sn1899        | Ti3361        | Si2881        | P_1774        | S_1820        | Li6707        | Sr4077        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.57120</b> | <b>.61813</b> | <b>.01376</b> | <b>.08483</b> | <b>.09656</b> | <b>1.1420</b> | <b>22.481</b> |
| Stddev | .00041        | .00176        | .00017        | .00030        | .00042        | .0037         | .184          |
| %RSD   | .07157        | .28548        | 1.2700        | .34912        | .43568        | .32625        | .81736        |

|    |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.57164</b> | <b>.61632</b> | <b>.01357</b> | <b>.08479</b> | <b>.09620</b> | <b>1.1397</b> | <b>22.442</b> |
| #2 | <b>.57083</b> | <b>.61984</b> | <b>.01392</b> | <b>.08455</b> | <b>.09702</b> | <b>1.1463</b> | <b>22.681</b> |
| #3 | <b>.57112</b> | <b>.61824</b> | <b>.01377</b> | <b>.08514</b> | <b>.09646</b> | <b>1.1401</b> | <b>22.320</b> |

Sample Name: S3      Acquired: 6/7/2023 12:33:05      Type: Cal  
Method: NON EPA-6010-200.7(v1871)      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       | 3965.4 | 57649. | 9465.6 | 3658.8 | 3474.0 |
| Stddev    | 2.3    | 157.   | 42.4   | 13.1   | 3.0    |
| %RSD      | .05874 | .27258 | .44810 | .35753 | .08723 |
| #1        | 3967.5 | 57663. | 9489.4 | 3657.3 | 3473.2 |
| #2        | 3965.9 | 57485. | 9416.6 | 3646.5 | 3477.4 |
| #3        | 3962.9 | 57798. | 9490.8 | 3672.6 | 3471.5 |



Sample Name: S4      Acquired: 6/7/2023 12:36:53      Type: Cal  
Method: NON EPA-6010-200.7(v1871)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.25313</b> | <b>.43000</b> | <b>1.2875</b> | <b>.20287</b> | <b>.48250</b> | <b>.80134</b> | <b>13.430</b> | <b>1.4386</b> |
| Stddev | .00105        | .00141        | .0015         | .00029        | .00055        | .00344        | .057          | .0059         |
| %RSD   | .41299        | .32749        | .11889        | .14413        | .11468        | .42964        | .42664        | .40929        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .25422 | .43114 | 1.2883 | .20318 | .48263 | .79800 | 13.418 | 1.4434 |
| #2 | .25303 | .43043 | 1.2885 | .20283 | .48299 | .80487 | 13.492 | 1.4403 |
| #3 | .25214 | .42842 | 1.2857 | .20260 | .48190 | .80114 | 13.379 | 1.4320 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2265        | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>10.405</b> | <b>1.3263</b> | <b>.17299</b> | <b>3.6006</b> | <b>.58725</b> | <b>.03840</b> | <b>1.4829</b> | <b>.35871</b> |
| Stddev | .022          | .0032         | .00049        | .0063         | .00053        | .00029        | .0043         | .00112        |
| %RSD   | .20816        | .24191        | .28100        | .17604        | .09053        | .76273        | .29050        | .31286        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.416 | 1.3228 | .17250 | 3.6032 | .58784 | .03817 | 1.4780 | .35766 |
| #2 | 10.419 | 1.3291 | .17298 | 3.6052 | .58680 | .03830 | 1.4852 | .35989 |
| #3 | 10.380 | 1.3270 | .17348 | 3.5934 | .58711 | .03873 | 1.4857 | .35859 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>2.1095</b> | <b>.25299</b> | <b>.48805</b> | <b>.32387</b> | <b>5.9314</b> | <b>.17448</b> | <b>1.4719</b> | <b>3.6007</b> |
| Stddev | .0060         | .00027        | .00272        | .00159        | .0053         | .00102        | .0079         | .0032         |
| %RSD   | .28265        | .10770        | .55756        | .49130        | .08927        | .58447        | .53416        | .08844        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.1119 | .25274 | .48499 | .32203 | 5.9256 | .17354 | 1.4768 | 3.6042 |
| #2 | 2.1138 | .25328 | .48896 | .32479 | 5.9325 | .17436 | 1.4761 | 3.6000 |
| #3 | 2.1027 | .25295 | .49020 | .32478 | 5.9360 | .17556 | 1.4628 | 3.5980 |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Sn1899        | Ti3361        | Si2881        | P_1774        | S_1820        | Li6707        | Sr4077        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>1.1249</b> | <b>1.1799</b> | <b>.02586</b> | <b>.17308</b> | <b>.19584</b> | <b>2.2332</b> | <b>43.660</b> |  |
| Stddev | .0024         | .0070         | .00037        | .00011        | .00094        | .0134         | .403          |  |
| %RSD   | .21369        | .59585        | 1.4282        | .06639        | .48189        | .60112        | .92298        |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 1.1262 | 1.1760 | .02545 | .17301 | .19626 | 2.2275 | 43.195 |  |
| #2 | 1.1263 | 1.1880 | .02596 | .17321 | .19651 | 2.2486 | 43.920 |  |
| #3 | 1.1221 | 1.1756 | .02617 | .17302 | .19476 | 2.2237 | 43.863 |  |

Sample Name: S4      Acquired: 6/7/2023 12:36:53      Type: Cal  
Method: NON EPA-6010-200.7(v1871)      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       | 3938.5 | 58089. | 9489.2 | 3666.9 | 3354.9 |
| Stddev    | 11.5   | 248.   | 12.2   | 14.3   | 13.1   |
| %RSD      | .29252 | .42755 | .12882 | .39015 | .39062 |
| #1        | 3926.5 | 58236. | 9475.4 | 3677.3 | 3344.6 |
| #2        | 3939.7 | 58229. | 9498.6 | 3672.9 | 3350.4 |
| #3        | 3949.4 | 57802. | 9493.6 | 3650.6 | 3369.7 |

Sample Name: S5      Acquired: 6/7/2023 12:40:39      Type: Cal  
Method: NON EPA-6010-200.7(v1871)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.52134</b> | <b>.87740</b> | <b>2.6637</b> | <b>.41225</b> | <b>.98638</b> | <b>1.6569</b> | <b>26.944</b> | <b>2.9383</b> |
| Stddev | .00096        | .00163        | .0089         | .00118        | .00164        | .0053         | .324          | .0240         |
| %RSD   | .18424        | .18554        | .33458        | .28522        | .16605        | .32234        | 1.2027        | .81791        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .52024 | .87603 | 2.6542 | .41127 | .98515 | 1.6626 | 27.123 | 2.9641 |
| #2 | .52175 | .87697 | 2.6650 | .41192 | .98574 | 1.6560 | 26.570 | 2.9341 |
| #3 | .52203 | .87920 | 2.6719 | .41355 | .98824 | 1.6520 | 27.139 | 2.9166 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2265        | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>21.551</b> | <b>2.7143</b> | <b>.35581</b> | <b>7.5028</b> | <b>1.1897</b> | <b>.08171</b> | <b>3.0610</b> | <b>.73859</b> |
| Stddev | .056          | .0159         | .00062        | .0217         | .0010         | .00024        | .0062         | .00120        |
| %RSD   | .26146        | .58542        | .17312        | .28882        | .08179        | .29065        | .20250        | .16207        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 21.492 | 2.7322 | .35555 | 7.4794 | 1.1886 | .08145 | 3.0679 | .73974 |
| #2 | 21.557 | 2.7089 | .35652 | 7.5067 | 1.1900 | .08179 | 3.0558 | .73869 |
| #3 | 21.604 | 2.7019 | .35537 | 7.5222 | 1.1904 | .08191 | 3.0595 | .73735 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>4.3637</b> | <b>.53086</b> | <b>1.0354</b> | <b>.66839</b> | <b>12.190</b> | <b>.38207</b> | <b>3.0442</b> | <b>7.4104</b> |
| Stddev | .0110         | .00099        | .0028         | .00439        | .009          | .00197        | .0251         | .0129         |
| %RSD   | .25282        | .18557        | .27453        | .65626        | .07672        | .51556        | .82513        | .17447        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.3519 | .53058 | 1.0326 | .67344 | 12.194 | .37980 | 3.0730 | 7.3976 |
| #2 | 4.3657 | .53195 | 1.0383 | .66559 | 12.196 | .38329 | 3.0332 | 7.4101 |
| #3 | 4.3737 | .53005 | 1.0353 | .66613 | 12.179 | .38312 | 3.0265 | 7.4235 |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Sn1899        | Ti3361        | Si2881        | P_1774        | S_1820        | Li6707        | Sr4077        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>2.3234</b> | <b>2.4447</b> | <b>.05516</b> | <b>.36637</b> | <b>.41451</b> | <b>4.7141</b> | <b>90.686</b> |  |
| Stddev | .0080         | .0164         | .00064        | .00196        | .00103        | .0319         | .556          |  |
| %RSD   | .34591        | .67010        | 1.1600        | .53515        | .24869        | .67683        | .61269        |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 2.3146 | 2.4634 | .05447 | .36440 | .41362 | 4.7497 | 91.326 |  |
| #2 | 2.3254 | 2.4378 | .05526 | .36639 | .41427 | 4.7047 | 90.413 |  |
| #3 | 2.3303 | 2.4329 | .05573 | .36832 | .41564 | 4.6880 | 90.320 |  |

Sample Name: S5      Acquired: 6/7/2023 12:40:39      Type: Cal  
Method: NON EPA-6010-200.7(v1871)      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       | 3854.3 | 55400. | 9297.5 | 3521.7 | 3208.5 |
| Stddev    | 7.4    | 156.   | 58.4   | 5.9    | 7.4    |
| %RSD      | .19274 | .28238 | .62780 | .16811 | .23095 |
| #1        | 3860.9 | 55526. | 9234.2 | 3521.2 | 3216.3 |
| #2        | 3855.8 | 55225. | 9309.2 | 3516.0 | 3207.7 |
| #3        | 3846.2 | 55449. | 9349.1 | 3527.9 | 3201.5 |

Sample Name: ICV01      Acquired: 6/7/2023 12:56:45      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.025862</b> | <b>1.025239</b> | <b>1.004936</b> | <b>1.037395</b> | <b>.9900368</b> | <b>2.467710</b> | <b>.4825696</b> |
| Stddev | .002381         | .005777         | .005323         | .002414         | .0021030        | .050095         | .0116818        |
| %RSD   | .2321167        | .5634321        | .5296902        | .2327321        | .2124111        | 2.030013        | 2.420743        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.025060 | 1.029327 | 1.005798 | 1.039609 | .9915832 | 2.486885 | .4901980 |
| #2 | 1.028541 | 1.027760 | 1.009775 | 1.034821 | .9908850 | 2.505384 | .4883898 |
| #3 | 1.023986 | 1.018630 | .999234  | 1.037756 | .9876422 | 2.410860 | .4691211 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4798582</b> | <b>.5022470</b> | <b>9.736691</b> | <b>.5104523</b> | <b>.5018416</b> | <b>.5255041</b> | <b>10.46071</b> |
| Stddev | .0092235        | .0026480        | .179537         | .0074962        | .0025884        | .0010629        | .12794          |
| %RSD   | 1.922131        | .5272326        | 1.843926        | 1.468536        | .5157744        | .2022686        | 1.223081        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4850169 | .5044132 | 9.808897 | .5112775 | .5038980 | .5257582 | 10.47413 |
| #2 | .4853481 | .5030328 | 9.868884 | .5025776 | .5026916 | .5264169 | 10.32659 |
| #3 | .4692095 | .4992951 | 9.532293 | .5175017 | .4989351 | .5243371 | 10.58142 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5225433</b> | <b>5.791041</b> | <b>.5083654</b> | <b>.2427162</b> | <b>9.448499</b> | <b>.4926929</b> | <b>1.007164</b> |
| Stddev | .0107103        | .110255         | .0023961        | .0033837        | .135754         | .0082436        | .013389         |
| %RSD   | 2.049644        | 1.903881        | .4713359        | 1.394115        | 1.436776        | 1.673163        | 1.329348        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5261915 | 5.812701 | .5100009 | .2439792 | 9.501593 | .4966551 | 1.014265 |
| #2 | .5309529 | 5.888858 | .5094803 | .2388827 | 9.294223 | .4982072 | .991720  |
| #3 | .5104856 | 5.671564 | .5056150 | .2452868 | 9.549682 | .4832163 | 1.015505 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.20469</b> | <b>2.364121</b> | <b>2.537417</b> | <b>2.502107</b> | <b>2.468598</b> | <b>2.437885</b> | <b>2.570467</b> |
| Stddev | .14183          | .049052         | .011809         | .017265         | .050446         | .041535         | .031886         |
| %RSD   | 1.389839        | 2.074860        | .4653891        | .6900092        | 2.043517        | 1.703744        | 1.240495        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.22957 | 2.387257 | 2.548041 | 2.517519 | 2.486209 | 2.454976 | 2.600704 |
| #2 | 10.05208 | 2.397327 | 2.539509 | 2.505351 | 2.507878 | 2.390531 | 2.573543 |
| #3 | 10.33244 | 2.307780 | 2.524702 | 2.483450 | 2.411707 | 2.468148 | 2.537154 |

Sample Name: ICV01      Acquired: 6/7/2023 12:56:45      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |
|--------|----------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040   |
| Units  | ppm      | ppm      | ppm      | Cts/S    |
| Avg    | 2.556302 | 2.454220 | 2.660684 | zF ***** |
| Stddev | .017459  | .055774  | .025785  | -----    |
| %RSD   | .6829665 | 2.272589 | .9691260 | -----    |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 2.567705 | 2.469610 | 2.672804 | z 3238.430 |
| #2 | 2.564997 | 2.500682 | 2.678177 | z 3256.446 |
| #3 | 2.536203 | 2.392366 | 2.631072 | z 3244.220 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3966.769 | 57284.75 | 9772.738 | 3699.212 | 3474.001 |
| Stddev    | 16.713   | 891.74   | 197.246  | 54.522   | 20.480   |
| %RSD      | .4213249 | 1.556680 | 2.018329 | 1.473882 | .5895325 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3948.134 | 56936.68 | 9671.794 | 3666.193 | 3453.345 |
| #2 | 3971.741 | 58298.03 | 9646.394 | 3762.143 | 3474.357 |
| #3 | 3980.432 | 56619.53 | 10000.03 | 3669.299 | 3494.301 |

Sample Name: ICB01      Acquired: 6/7/2023 13:09:58      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005929 | .0003175 | -.000886 | .0027379 | .0005839 | -.000839 | -.002689 |
| Stddev | .0014571 | .0011520 | .000518  | .0036895 | .0012170 | .007347  | .002664  |
| %RSD   | 245.7667 | 362.7734 | 58.52534 | 134.7556 | 208.4282 | 875.9606 | 99.07123 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0022392 | .0010693 | -.001072 | -.001473 | .0000846 | .002302  | .000244  |
| #2 | .0000709 | .0008921 | -.000300 | .005401  | -.000304 | -.009234 | -.003353 |
| #3 | -.000531 | -.001009 | -.001285 | .004286  | .001971  | .004416  | -.004958 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000029 | .0000397 | -.001886 | -.000241 | -.000086 | .0004070 | -.007660 |
| Stddev | .0000625 | .0000303 | .007968  | .000355  | .000196  | .0002846 | .001609  |
| %RSD   | 2131.704 | 76.36256 | 422.4674 | 147.1200 | 228.0204 | 69.91735 | 21.00389 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000665 | .0000711 | .003364  | .000052  | .000140  | .0007230 | -.007547 |
| #2 | .0000005 | .0000374 | .002032  | -.000636 | -.000214 | .0001709 | -.006111 |
| #3 | -.000058 | .0000106 | -.011054 | -.000141 | -.000185 | .0003272 | -.009323 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000362 | -.010266 | .0000736 | .0003281 | -.518040 | -.001945 | .0005256 |
| Stddev | .000222  | .035978  | .0002160 | .0003401 | .007208  | .002232  | .0001907 |
| %RSD   | 61.40146 | 350.4709 | 293.5687 | 103.6442 | 1.391405 | 114.7811 | 36.27191 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000606 | .031113  | .0003172 | -.000035 | -.514813 | .000570  | .0005121 |
| #2 | -.000170 | -.027745 | -.000094 | .000380  | -.513010 | -.003690 | .0003421 |
| #3 | -.000311 | -.034164 | -.000002 | .000639  | -.526298 | -.002714 | .0007226 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.070742 | .0032291 | .0010124 | -.000696 | -.000458 | .0096671 | -.003871 |
| Stddev | .030338  | .0012814 | .0002855 | .000224  | .000695  | .0106832 | .001891  |
| %RSD   | 42.88530 | 39.68173 | 28.20316 | 32.18659 | 151.5347 | 110.5106 | 48.84507 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.039443 | .0031965 | .0012957 | -.000447 | -.000136 | -.000343 | -.004232 |
| #2 | -.100017 | .0019643 | .0010170 | -.000882 | -.001256 | .020915  | -.001826 |
| #3 | -.072765 | .0045264 | .0007246 | -.000759 | .000016  | .008429  | -.005556 |

Sample Name: ICB01      Acquired: 6/7/2023 13:09:58      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.004483</b> | <b>-.004322</b> | <b>-.000060</b> | <b>z *****</b> |
| Stddev | .001513         | .002767         | .000109         | -----          |
| %RSD   | 33.75330        | 64.02631        | 183.1650        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.003340</b> | <b>-.001460</b> | <b>.000024</b>  | <b>z 3104.487</b> |
| #2 | <b>-.003909</b> | <b>-.006984</b> | <b>-.000183</b> | <b>z 3121.232</b> |
| #3 | <b>-.006199</b> | <b>-.004523</b> | <b>-.000020</b> | <b>z 3086.611</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>3978.436</b> | <b>56308.22</b> | <b>9715.564</b> | <b>3640.381</b> | <b>3620.710</b> |
| Stddev    | 9.874           | 84.87           | 24.201          | 2.636           | 5.231           |
| %RSD      | .2481766        | .1507282        | .2490997        | .0723992        | .1444653        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3970.027</b> | <b>56397.17</b> | <b>9694.694</b> | <b>3643.414</b> | <b>3618.950</b> |
| #2 | <b>3975.973</b> | <b>56228.12</b> | <b>9709.904</b> | <b>3638.650</b> | <b>3616.586</b> |
| #3 | <b>3989.308</b> | <b>56299.38</b> | <b>9742.094</b> | <b>3639.077</b> | <b>3626.594</b> |



Sample Name: CRI01      Acquired: 6/7/2023 13:14:00      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0239980 | .0410625 | .0132518 | .0196612 | .0541652 | .1044809 |
| Stddev | .0020036 | .0017947 | .0002581 | .0027252 | .0025796 | .0018143 |
| %RSD   | 8.349215 | 4.370685 | 1.947796 | 13.86080 | 4.762480 | 1.736527 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0262231 | .0426786 | .0133833 | .0187461 | .0512002 | .1065538 |
| #2 | .0223366 | .0391310 | .0129544 | .0175114 | .0558944 | .1037071 |
| #3 | .0234343 | .0413778 | .0134176 | .0227262 | .0554011 | .1031816 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1028329 | .0066815 | .0064708 | 2.008928 | .0104494 | .0299600 |
| Stddev | .0037459 | .0000236 | .0000193 | .016250  | .0005431 | .0001248 |
| %RSD   | 3.642745 | .3524589 | .2975278 | .8088689 | 5.197624 | .4165086 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1035763 | .0067078 | .0064818 | 1.995061 | .0106732 | .0298331 |
| #2 | .0987710 | .0066739 | .0064485 | 2.026808 | .0108448 | .0300826 |
| #3 | .1061514 | .0066626 | .0064819 | 2.004914 | .0098301 | .0299644 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Cu2247     | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F .0240297 | .1046183 | .0228948 | 2.230761 | .0399869 | .0108613 |
| Stddev | .0006234   | .0025187 | .0001991 | .005286  | .0002632 | .0004855 |
| %RSD   | 2.594142   | 2.407535 | .8696826 | .2369517 | .6582968 | 4.470182 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0233876 | .1063379 | .0229742 | 2.230925 | .0400333 | .0113617 |
| #2 | .0246325 | .1017272 | .0230420 | 2.225396 | .0397036 | .0108302 |
| #3 | .0240692 | .1057898 | .0226682 | 2.235964 | .0402239 | .0103921 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 1.500965 | .0398708 | .0447474 | 2.086451 | .1066302 | .2245823 |
| Stddev | .016116    | .0027092 | .0004894 | .029858  | .0013771 | .0002357 |
| %RSD   | 1.073680   | 6.794908 | 1.093607 | 1.431038 | 1.291494 | .1049697 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.511266 | .0395748 | .0448119 | 2.120738 | .1064724 | .2244258 |
| #2 | 1.482393 | .0427159 | .0442290 | 2.072437 | .1080795 | .2244677 |
| #3 | 1.509235 | .0373218 | .0452014 | 2.066178 | .1053388 | .2248534 |

Sample Name: CRI01      Acquired: 6/7/2023 13:14:00      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0385477 | .0468049 | .4212220 | .0168275 | .0161853 | .0171907 |
| Stddev | .0009851 | .0003160 | .0050613 | .0044899 | .0003229 | .0009239 |
| %RSD   | 2.555597 | .6751761 | 1.201582 | 26.68170 | 1.995261 | 5.374509 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0389818 | .0465860 | .4157827 | .0214271 | .0164755 | .0177208 |
| #2 | .0374201 | .0471672 | .4257931 | .0165995 | .0162428 | .0161239 |
| #3 | .0392412 | .0466615 | .4220901 | .0124560 | .0158374 | .0177276 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .0222474 | z ***** |
| Stddev | .0000231 | -----   |
| %RSD   | .1038404 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .0222216 | z 3127.397 |
| #2 | .0222661 | z 3126.649 |
| #3 | .0222545 | z 3119.565 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4069.746 | 56598.79 | 9203.489 | 3670.658 | 3709.356 |
| Stddev    | 4.274    | 389.90   | 24.547   | 33.864   | 6.559    |
| %RSD      | .1050069 | .6888797 | .2667117 | .9225493 | .1768231 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4069.460 | 56190.58 | 9183.627 | 3637.760 | 3701.888 |
| #2 | 4074.156 | 56967.35 | 9195.908 | 3705.411 | 3714.183 |
| #3 | 4065.623 | 56638.44 | 9230.932 | 3668.802 | 3711.996 |

Sample Name: ICSA01      Acquired: 6/7/2023 13:18:38      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.009367</b> | <b>-.007263</b> | <b>-.005308</b> | <b>-.016799</b> | <b>.0032208</b> | <b>260.6968</b> | <b>.0080148</b> |
| Stddev | .003948         | .001436         | .001807         | .000981         | .0008192        | .5142           | .0028490        |
| %RSD   | 42.15072        | 19.77467        | 34.04340        | 5.839128        | 25.43654        | .1972454        | 35.54630        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004893</b> | <b>-.008807</b> | <b>-.005425</b> | <b>-.017789</b> | <b>.0026180</b> | <b>260.1752</b> | <b>.0095778</b> |
| #2 | <b>-.010844</b> | <b>-.007018</b> | <b>-.003445</b> | <b>-.016780</b> | <b>.0028907</b> | <b>261.2033</b> | <b>.0047264</b> |
| #3 | <b>-.012363</b> | <b>-.005966</b> | <b>-.007053</b> | <b>-.015827</b> | <b>.0041535</b> | <b>260.7118</b> | <b>.0097401</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0005021</b> | <b>-.000693</b> | <b>247.5706</b> | <b>.0564580</b> | <b>.0011195</b> | <b>-.016164</b> | <b>109.0400</b> |
| Stddev | .0000320        | .000057         | .3603           | .0003933        | .0001985        | .002324         | 1.0285          |
| %RSD   | 6.381295        | 8.254174        | .1455276        | .6966066        | 17.73373        | 14.37812        | .9432331        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0005232</b> | <b>-.000656</b> | <b>247.2225</b> | <b>.0568321</b> | <b>.0009216</b> | <b>-.017764</b> | <b>109.5371</b> |
| #2 | <b>.0005179</b> | <b>-.000759</b> | <b>247.9419</b> | <b>.0564938</b> | <b>.0011183</b> | <b>-.017230</b> | <b>109.7255</b> |
| #3 | <b>.0004653</b> | <b>-.000665</b> | <b>247.5473</b> | <b>.0560480</b> | <b>.0013187</b> | <b>-.013498</b> | <b>107.8574</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0099425</b> | <b>255.4229</b> | <b>.0028866</b> | <b>.0000687</b> | <b>-.410645</b> | <b>.0003054</b> | <b>-.031963</b> |
| Stddev | .0001095        | .3957           | .0003717        | .0004874        | .025996         | .0012539        | .000437         |
| %RSD   | 1.101538        | .1549181        | 12.87709        | 709.3926        | 6.330574        | 410.6151        | 1.367825        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0099490</b> | <b>255.2150</b> | <b>.0024938</b> | <b>-.000493</b> | <b>-.380748</b> | <b>.0012909</b> | <b>-.032127</b> |
| #2 | <b>.0098300</b> | <b>255.8792</b> | <b>.0032328</b> | <b>.000324</b>  | <b>-.423269</b> | <b>-.001106</b> | <b>-.032294</b> |
| #3 | <b>.0100487</b> | <b>255.1744</b> | <b>.0029332</b> | <b>.000375</b>  | <b>-.427919</b> | <b>.000731</b>  | <b>-.031467</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.088124</b> | <b>.0624197</b> | <b>.0007764</b> | <b>-.002794</b> | <b>.0023997</b> | <b>.0067917</b> | <b>-.001712</b> |
| Stddev | .022069         | .0019064        | .0001571        | .000505         | .0004013        | .0068644        | .005007         |
| %RSD   | 25.04318        | 3.054120        | 20.23112        | 18.07003        | 16.72413        | 101.0706        | 292.5615        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.112925</b> | <b>.0644318</b> | <b>.0006120</b> | <b>-.002964</b> | <b>.0021718</b> | <b>.0127620</b> | <b>-.004989</b> |
| #2 | <b>-.070650</b> | <b>.0621867</b> | <b>.0009249</b> | <b>-.002226</b> | <b>.0021642</b> | <b>.0083217</b> | <b>.004052</b>  |
| #3 | <b>-.080799</b> | <b>.0606405</b> | <b>.0007922</b> | <b>-.003191</b> | <b>.0028631</b> | <b>-.000709</b> | <b>-.004197</b> |

Sample Name: IC5A01      Acquired: 6/7/2023 13:18:38      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: IC5A01      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.003209</b> | <b>-.014517</b> | <b>.0011822</b> | <b>z *****</b> |
| Stddev | .003970         | .000570         | .0011400        | -----          |
| %RSD   | 123.7431        | 3.928214        | 96.42790        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.007423</b> | <b>-.014324</b> | <b>.0004792</b> | <b>z 3615.308</b> |
| #2 | <b>.000461</b>  | <b>-.015158</b> | <b>.0005699</b> | <b>z 3629.833</b> |
| #3 | <b>-.002663</b> | <b>-.014067</b> | <b>.0024975</b> | <b>z 3594.249</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>3587.522</b> | <b>50814.44</b> | <b>9147.577</b> | <b>3293.710</b> | <b>2900.852</b> |
| Stddev    | 7.757           | 610.43          | 29.975          | 49.185          | 5.806           |
| %RSD      | .2162221        | 1.201287        | .3276820        | 1.493302        | .2001409        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3580.133</b> | <b>50329.89</b> | <b>9118.508</b> | <b>3252.048</b> | <b>2894.150</b> |
| #2 | <b>3595.601</b> | <b>50613.40</b> | <b>9145.842</b> | <b>3281.113</b> | <b>2904.052</b> |
| #3 | <b>3586.832</b> | <b>51500.03</b> | <b>9178.382</b> | <b>3347.968</b> | <b>2904.353</b> |

Sample Name: ICSAB01      Acquired: 6/7/2023 13:22:35      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1056149</b> | <b>.0938899</b> | <b>.0450782</b> | <b>.0394208</b> | <b>.6469366</b> | <b>264.0701</b> | <b>.4964911</b> |
| Stddev | .0039819        | .0024771        | .0008140        | .0038319        | .0017903        | 2.2446          | .0055008        |
| %RSD   | 3.770160        | 2.638247        | 1.805794        | 9.720597        | .2767336        | .8500028        | 1.107940        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1034102 | .0966806 | .0460179 | .0354800 | .6464241 | 265.5212 | .5002301 |
| #2 | .1032229 | .0919518 | .0446264 | .0396487 | .6454585 | 261.4848 | .4901748 |
| #3 | .1102114 | .0930372 | .0445902 | .0431337 | .6489273 | 265.2045 | .4990683 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5018358</b> | <b>1.052938</b> | <b>251.1204</b> | <b>.5844699</b> | <b>.5221415</b> | <b>.4957636</b> | <b>112.5847</b> |
| Stddev | .0052378        | .001489         | 2.2539          | .0003521        | .0009835        | .0020250        | .8412           |
| %RSD   | 1.043721        | .1414321        | .8975343        | .0602465        | .1883511        | .4084525        | .7472129        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5078586 | 1.052498 | 252.9584 | .5840730 | .5217780 | .4938749 | 111.7248 |
| #2 | .4983463 | 1.051718 | 248.6057 | .5847447 | .5213916 | .4955142 | 112.6233 |
| #3 | .4993024 | 1.054597 | 251.7971 | .5845921 | .5232550 | .4979017 | 113.4060 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5395620</b> | <b>258.9972</b> | <b>1.039828</b> | <b>.2186739</b> | <b>-.474157</b> | <b>.5098831</b> | <b>1.067693</b> |
| Stddev | .0027632        | 1.8977          | .001590         | .0001901        | .006432         | .0044471        | .000944         |
| %RSD   | .5121118        | .7327039        | .1528679        | .0869359        | 1.356488        | .8721823        | .0884609        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5415584 | 260.3388 | 1.039691 | .2188910 | -.475561 | .5137169 | 1.068607 |
| #2 | .5364083 | 256.8260 | 1.038311 | .2185935 | -.479772 | .5050076 | 1.067751 |
| #3 | .5407191 | 259.8268 | 1.041481 | .2185372 | -.467140 | .5109247 | 1.066721 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.112946</b> | <b>.9346301</b> | <b>.9579736</b> | <b>.9856788</b> | <b>.9172486</b> | <b>.9931854</b> | <b>1.103922</b> |
| Stddev | .008847         | .0059601        | .0014765        | .0015326        | .0065903        | .0267855        | .002198         |
| %RSD   | 7.832983        | .6376952        | .1541295        | .1554901        | .7184853        | 2.696933        | .1991257        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.109073 | .9413495 | .9563002 | .9861714 | .9226381 | .9830845 | 1.104857 |
| #2 | -.123070 | .9299823 | .9585279 | .9839604 | .9099012 | .9729189 | 1.101411 |
| #3 | -.106696 | .9325584 | .9590928 | .9869045 | .9192064 | 1.023553 | 1.105498 |

Sample Name: ICSAB01      Acquired: 6/7/2023 13:22:35      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.141268 | 1.038538 | 1.092413 | z ***** |
| Stddev | .004492  | .010142  | .007829  | -----   |
| %RSD   | .3935783 | .9765821 | .7166326 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.145676 | 1.043508 | 1.097980 | z 3613.745 |
| #2 | 1.136697 | 1.026869 | 1.083462 | z 3639.332 |
| #3 | 1.141430 | 1.045237 | 1.095799 | z 3626.122 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3590.977 | 50770.54 | 9261.030 | 3281.742 | 2911.717 |
| Stddev    | 1.890    | 185.47   | 56.796   | 7.163    | 4.903    |
| %RSD      | .0526437 | .3653092 | .6132807 | .2182770 | .1683865 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3592.133 | 50984.70 | 9197.775 | 3289.044 | 2910.160 |
| #2 | 3592.003 | 50663.01 | 9307.654 | 3274.726 | 2917.209 |
| #3 | 3588.796 | 50663.91 | 9277.662 | 3281.456 | 2907.782 |

Sample Name: ICSA01DLX20      Acquired: 6/7/2023 13:26:19      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011906 | .0002840 | -.000514 | -.002160 | .0004437 | 13.18805 | .0096096 |
| Stddev | .0003917 | .0006260 | .000341  | .001964  | .0012128 | .45481   | .0010424 |
| %RSD   | 32.90045 | 220.4572 | 66.36982 | 90.93458 | 273.3488 | 3.448641 | 10.84792 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0008119 | .0008399 | -.000601 | -.002884 | .0015392 | 12.67282 | .0085940 |
| #2 | .0011657 | -.000394 | -.000138 | -.003660 | .0006513 | 13.35763 | .0106769 |
| #3 | .0015942 | .000406  | -.000804 | .000063  | -.000860 | 13.53371 | .0095579 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000910 | -.000034 | 12.73227 | .0027446 | -.000045 | .0002761 | 5.179307 |
| Stddev | .0000840 | .000087  | .43119   | .0003545 | .000145  | .0005137 | .013672  |
| %RSD   | 92.34292 | 259.0367 | 3.386600 | 12.91675 | 323.4964 | 186.0935 | .2639777 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000192 | -.000131 | 12.23840 | .0023421 | -.000208 | .0008120 | 5.165711 |
| #2 | .0001835 | .000039  | 12.92447 | .0030102 | .000068  | .0002283 | 5.179156 |
| #3 | .0000704 | -.000009 | 13.03394 | .0028816 | .000006  | -.000212 | 5.193054 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003041 | 13.24471 | .0001141 | .0007062 | -.568046 | -.001867 | -.001366 |
| Stddev | .0001057 | .50674   | .0001707 | .0001550 | .008741  | .001009  | .000109  |
| %RSD   | 34.76543 | 3.825988 | 149.6093 | 21.94830 | 1.538699 | 54.03588 | 7.970393 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004081 | 12.66541 | .0002507 | .0007836 | -.574908 | -.000703 | -.001393 |
| #2 | .0001968 | 13.46299 | .0001689 | .0005277 | -.571025 | -.002496 | -.001247 |
| #3 | .0003073 | 13.60573 | -.000077 | .0008072 | -.558206 | -.002403 | -.001459 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.065630 | .0042031 | .0003048 | -.000782 | .0047125 | .0053561 | -.003436 |
| Stddev | .015583  | .0011263 | .0002801 | .000665  | .0007702 | .0062327 | .003719  |
| %RSD   | 23.74345 | 26.79832 | 91.91171 | 85.01880 | 16.34423 | 116.3678 | 108.2449 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.062353 | .0040139 | .0006257 | -.000280 | .0047035 | -.000894 | -.004171 |
| #2 | -.082591 | .0054120 | .0001098 | -.001535 | .0054872 | .011572  | .000596  |
| #3 | -.051947 | .0031833 | .0001788 | -.000530 | .0039468 | .005390  | -.006732 |

Sample Name: ICSA01DLX20      Acquired: 6/7/2023 13:26:19      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.003089</b> | <b>-.005791</b> | <b>.0005933</b> | <b>z *****</b> |
| Stddev | .001626         | .001623         | .0002279        | -----          |
| %RSD   | 52.64210        | 28.02981        | 38.41410        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.004143</b> | <b>-.007621</b> | <b>.0003330</b> | <b>z 3060.630</b> |
| #2 | <b>-.003909</b> | <b>-.005229</b> | <b>.0007572</b> | <b>z 3058.091</b> |
| #3 | <b>-.001216</b> | <b>-.004524</b> | <b>.0006898</b> | <b>z 3050.419</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>3975.659</b> | <b>57107.88</b> | <b>8958.500</b> | <b>3661.538</b> | <b>3509.099</b> |
| Stddev    | 8.373           | 74.62           | 297.652         | 21.491          | 6.285           |
| %RSD      | .2106023        | .1306567        | 3.322568        | .5869384        | .1791075        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3969.223</b> | <b>57120.39</b> | <b>9299.148</b> | <b>3637.291</b> | <b>3505.230</b> |
| #2 | <b>3985.125</b> | <b>57027.80</b> | <b>8827.748</b> | <b>3669.091</b> | <b>3516.351</b> |
| #3 | <b>3972.630</b> | <b>57175.45</b> | <b>8748.604</b> | <b>3678.233</b> | <b>3505.717</b> |



Sample Name: ICSAB01DLX20      Acquired: 6/7/2023 13:30:18      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0064355 | .0050033 | .0028469 | .0012861 | .0314281 | 13.06637 | .0290127 |
| Stddev | .0022902 | .0026580 | .0012609 | .0016345 | .0021531 | .01515   | .0004976 |
| %RSD   | 35.58737 | 53.12477 | 44.29148 | 127.0926 | 6.850912 | .1159226 | 1.715204 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0066641 | .0047679 | .0015339 | .0028503 | .0337336 | 13.05379 | .0285515 |
| #2 | .0086028 | .0024708 | .0040484 | .0014188 | .0294696 | 13.06214 | .0289464 |
| #3 | .0040395 | .0077711 | .0029584 | -.000411 | .0310810 | 13.08318 | .0295401 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0255072 | .0506607 | 12.40119 | .0298671 | .0248252 | .0271887 | 5.309824 |
| Stddev | .0000961 | .0000757 | .03080   | .0003565 | .0001064 | .0004981 | .021118  |
| %RSD   | .3769211 | .1494435 | .2483704 | 1.193551 | .4286951 | 1.831910 | .3977216 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0254040 | .0506467 | 12.36985 | .0297671 | .0247046 | .0272099 | 5.319889 |
| #2 | .0255235 | .0505931 | 12.43142 | .0302630 | .0249058 | .0266803 | 5.324028 |
| #3 | .0255942 | .0507425 | 12.40229 | .0295714 | .0248653 | .0276758 | 5.285556 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0278173 | 12.87038 | .0506501 | .0106971 | -.633561 | .0233717 | .0536297 |
| Stddev | .0003188 | .04167   | .0002879 | .0000754 | .004006  | .0009997 | .0003576 |
| %RSD   | 1.146203 | .3237643 | .5683261 | .7052162 | .6323072 | 4.277544 | .6668189 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0281002 | 12.82290 | .0509604 | .0106284 | -.633346 | .0222211 | .0532807 |
| #2 | .0274718 | 12.88734 | .0503917 | .0107779 | -.629666 | .0238665 | .0539953 |
| #3 | .0278799 | 12.90089 | .0505982 | .0106851 | -.637670 | .0240276 | .0536132 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.077905 | .0469739 | .0473062 | .0457066 | .0498287 | .0473697 | .0458375 |
| Stddev | .022019  | .0007502 | .0004712 | .0001784 | .0012886 | .0070576 | .0014988 |
| %RSD   | 28.26372 | 1.597114 | .9959878 | .3903209 | 2.585986 | 14.89891 | 3.269741 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.085107 | .0474504 | .0472517 | .0455290 | .0484834 | .0535189 | .0472466 |
| #2 | -.053187 | .0473623 | .0468646 | .0458858 | .0510518 | .0396637 | .0442628 |
| #3 | -.095421 | .0461091 | .0478022 | .0457050 | .0499509 | .0489266 | .0460031 |

Sample Name: ICSAB01DLX20      Acquired: 6/7/2023 13:30:18      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0452700 | .0432499 | .0551241 | z ***** |
| Stddev | .0018664 | .0013746 | .0001750 | -----   |
| %RSD   | 4.122719 | 3.178311 | .3175254 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0453361 | .0448335 | .0550853 | z 2998.603 |
| #2 | .0433715 | .0423649 | .0549716 | z 3005.578 |
| #3 | .0471024 | .0425514 | .0553152 | z 3019.438 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3985.097 | 56881.35 | 9345.940 | 3645.154 | 3510.094 |
| Stddev    | 6.165    | 220.12   | 7.863    | 16.115   | 10.955   |
| %RSD      | .1546973 | .3869877 | .0841280 | .4421061 | .3121073 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3978.227 | 56656.24 | 9344.785 | 3634.583 | 3497.988 |
| #2 | 3986.917 | 56891.68 | 9354.316 | 3637.176 | 3512.967 |
| #3 | 3990.147 | 57096.12 | 9338.719 | 3663.702 | 3519.326 |

Sample Name: CCV01      Acquired: 6/7/2023 13:34:15      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.935705</b> | <b>4.946506</b> | <b>4.902655</b> | <b>4.931226</b> | <b>4.957659</b> | <b>9.684400</b> | <b>9.689818</b> |
| Stddev | .016448         | .008893         | .007608         | .007136         | .008774         | .035488         | .021642         |
| %RSD   | .3332382        | .1797837        | .1551898        | .1447140        | .1769801        | .3664495        | .2233455        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.937505 | 4.939066 | 4.898899 | 4.927837 | 4.956418 | 9.645558 | 9.665972 |
| #2 | 4.918431 | 4.944096 | 4.897656 | 4.926416 | 4.949572 | 9.715131 | 9.708215 |
| #3 | 4.951178 | 4.956355 | 4.911411 | 4.939425 | 4.966988 | 9.692512 | 9.695266 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2310493</b> | <b>2.439659</b> | <b>23.71320</b> | <b>.9834365</b> | <b>2.416782</b> | <b>1.277399</b> | <b>5.333870</b> |
| Stddev | .0018863        | .003468         | .09219          | .0020535        | .004414         | .001891         | .025331         |
| %RSD   | .8163939        | .1421526        | .3887593        | .2088079        | .1826325        | .1480712        | .4749119        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2319604 | 2.437629 | 23.60770 | .9855255 | 2.414132 | 1.278490 | 5.309843 |
| #2 | .2288805 | 2.437685 | 23.77824 | .9814204 | 2.414336 | 1.275215 | 5.360330 |
| #3 | .2323071 | 2.443664 | 23.75366 | .9833635 | 2.421877 | 1.278491 | 5.331438 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.539304</b> | <b>23.70683</b> | <b>2.439408</b> | <b>1.202400</b> | <b>24.50498</b> | <b>2.404473</b> | <b>2.505294</b> |
| Stddev | .002178         | .02201          | .001698         | .000749         | .23119          | .006616         | .003587         |
| %RSD   | .0857768        | .0928500        | .0695984        | .0623083        | .9434397        | .2751543        | .1431644        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.540041 | 23.68153 | 2.437756 | 1.202440 | 24.29054 | 2.398067 | 2.509015 |
| #2 | 2.541017 | 23.71731 | 2.439318 | 1.201632 | 24.74990 | 2.404071 | 2.501858 |
| #3 | 2.536852 | 23.72163 | 2.441149 | 1.203129 | 24.47449 | 2.411281 | 2.505008 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>26.79087</b> | <b>4.560714</b> | <b>4.898648</b> | <b>4.889478</b> | <b>4.666390</b> | <b>4.900416</b> | <b>5.067522</b> |
| Stddev | .17081          | .028998         | .011080         | .008835         | .020369         | .054515         | .013023         |
| %RSD   | .6375559        | .6358215        | .2261826        | .1806937        | .4365146        | 1.112454        | .2569865        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 26.65850 | 4.575658 | 4.900644 | 4.886056 | 4.650010 | 4.847753 | 5.080661 |
| #2 | 26.98368 | 4.527292 | 4.886706 | 4.882866 | 4.689198 | 4.956611 | 5.054619 |
| #3 | 26.73044 | 4.579192 | 4.908594 | 4.899512 | 4.659963 | 4.896885 | 5.067286 |

Sample Name: CCV01      Acquired: 6/7/2023 13:34:15      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.957955 | 4.695199 | 5.120436 | z ***** |
| Stddev | .014448  | .010917  | .043834  | -----   |
| %RSD   | .2914149 | .2325211 | .8560521 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.966039 | 4.683864 | 5.143363 | z 3271.924 |
| #2 | 4.941274 | 4.705644 | 5.069893 | z 3273.132 |
| #3 | 4.966552 | 4.696090 | 5.148050 | z 3257.492 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3830.872 | 53618.11 | 9295.102 | 3473.960 | 3254.809 |
| Stddev    | 5.416    | 153.63   | 56.897   | 16.231   | 2.270    |
| %RSD      | .1413686 | .2865274 | .6121185 | .4672254 | .0697299 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3824.849 | 53523.62 | 9234.203 | 3458.625 | 3254.297 |
| #2 | 3835.340 | 53535.32 | 9346.901 | 3472.297 | 3252.840 |
| #3 | 3832.427 | 53795.38 | 9304.202 | 3490.959 | 3257.291 |

Sample Name: LLCCV01      Acquired: 6/7/2023 13:46:48      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0211284</b> | <b>.0401325</b> | <b>.0139767</b> | <b>.0193383</b> | <b>.0508579</b> | <b>.1061902</b> | <b>.0953620</b> |
| Stddev | .0023587        | .0016119        | .0004146        | .0008267        | .0021198        | .0115977        | .0022044        |
| %RSD   | 11.16365        | 4.016368        | 2.965997        | 4.275136        | 4.168118        | 10.92165        | 2.311574        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0196333 | .0419626 | .0142688 | .0199022 | .0489205 | .0930216 | .0963922 |
| #2 | .0199045 | .0395110 | .0141591 | .0197234 | .0505312 | .1148839 | .0928311 |
| #3 | .0238475 | .0389239 | .0135023 | .0183892 | .0531222 | .1106649 | .0968625 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0061693</b> | <b>.0063236</b> | <b>1.900692</b> | <b>.0097078</b> | <b>.0290202</b> | <b>.0238821</b> | <b>.1075423</b> |
| Stddev | .0000501        | .0000539        | .009649         | .0003100        | .0002138        | .0003584        | .0051381        |
| %RSD   | .8118161        | .8521247        | .5076313        | 3.193733        | .7365982        | 1.500863        | 4.777706        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0061907 | .0063577 | 1.889735 | .0093868 | .0292007 | .0241775 | .1115422 |
| #2 | .0062052 | .0063516 | 1.904423 | .0100056 | .0290758 | .0239856 | .1093371 |
| #3 | .0061121 | .0062615 | 1.907918 | .0097311 | .0287842 | .0234833 | .1017476 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0223709</b> | <b>2.092166</b> | <b>.0388081</b> | <b>.0112247</b> | <b>2.007742</b> | <b>.0358092</b> | <b>.0440084</b> |
| Stddev | .0003477        | .005400         | .0001799        | .0004695        | .041757         | .0032652        | .0003634        |
| %RSD   | 1.554328        | .2581245        | .4636483        | 4.182711        | 2.079776        | 9.118440        | .8256917        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0227190 | 2.097141 | .0390052 | .0110621 | 1.960105 | .0372540 | .0435897 |
| #2 | .0223701 | 2.092933 | .0387667 | .0108581 | 2.025101 | .0320708 | .0441946 |
| #3 | .0220235 | 2.086422 | .0386525 | .0117539 | 2.038018 | .0381028 | .0442409 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.071178</b> | <b>.0961083</b> | <b>.2173647</b> | <b>.0375714</b> | <b>.0440850</b> | <b>.4136521</b> | <b>.0169788</b> |
| Stddev | .027760         | .0015399        | .0004775        | .0005170        | .0027127        | .0135066        | .0021564        |
| %RSD   | 1.340302        | 1.602226        | .2196868        | 1.375929        | 6.153448        | 3.265203        | 12.70061        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.039735 | .0957520 | .2170738 | .0371091 | .0410889 | .4066865 | .0191862 |
| #2 | 2.092294 | .0947778 | .2179158 | .0381296 | .0447916 | .4050502 | .0168729 |
| #3 | 2.081506 | .0977951 | .2171044 | .0374755 | .0463746 | .4292195 | .0148773 |

Sample Name: LLCCV01      Acquired: 6/7/2023 13:46:48      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0190457 | .0172015 | .0217261 | z ***** |
| Stddev | .0025444 | .0020533 | .0001220 | -----   |
| %RSD   | 13.35924 | 11.93693 | .5614210 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0162176 | .0148385 | .0216053 | z 3024.820 |
| #2 | .0197704 | .0182144 | .0218492 | z 3045.364 |
| #3 | .0211491 | .0185516 | .0217239 | z 3058.253 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3953.388 | 54715.57 | 9313.934 | 3562.162 | 3587.350 |
| Stddev    | 5.288    | 598.31   | 16.157   | 34.759   | 5.755    |
| %RSD      | .1337712 | 1.093490 | .1734738 | .9757794 | .1604114 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3947.776 | 55399.39 | 9295.992 | 3600.529 | 3581.009 |
| #2 | 3954.110 | 54458.93 | 9318.476 | 3553.182 | 3592.242 |
| #3 | 3958.279 | 54288.40 | 9327.334 | 3532.774 | 3588.798 |

Sample Name: CCB01      Acquired: 6/7/2023 13:50:49      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000360</b> | <b>.0000049</b> | <b>.0001587</b> | <b>-.000086</b> | <b>-.000200</b> | <b>-.002830</b> | <b>.0031945</b> |
| Stddev | .001769         | .0005353        | .0004232        | .003069         | .002326         | .005020         | .0002452        |
| %RSD   | 490.8558        | 10869.54        | 266.6558        | 3572.134        | 1160.441        | 177.4102        | 7.676531        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001247  | .0006099 | .0006040 | -.003615 | .002438  | .000374  | .0034186 |
| #2 | -.000072 | -.000407 | .0001105 | .001956  | -.001084 | -.000248 | .0032322 |
| #3 | -.002257 | -.000188 | -.000238 | .001401  | -.001956 | -.008615 | .0029326 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000141</b> | <b>.0000098</b> | <b>-.009813</b> | <b>-.000056</b> | <b>-.000193</b> | <b>-.000081</b> | <b>-.003443</b> |
| Stddev | .0000397        | .0000762        | .012612         | .000216         | .000165         | .000572         | .004644         |
| %RSD   | 281.6220        | 779.6106        | 128.5210        | 388.2665        | 85.62236        | 708.5707        | 134.8866        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000488 | -.000050 | -.004730 | -.000150 | -.000008 | .000269  | .001917  |
| #2 | -.000029 | -.000016 | -.024173 | .000191  | -.000326 | .000229  | -.006273 |
| #3 | .000023  | .000096  | -.000536 | -.000208 | -.000245 | -.000741 | -.005971 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000295</b> | <b>-.018720</b> | <b>.0000043</b> | <b>.0007313</b> | <b>-.639989</b> | <b>-.001554</b> | <b>.0001230</b> |
| Stddev | .000296         | .003084         | .0003627        | .0002517        | .019373         | .001485         | .0001146        |
| %RSD   | 100.0562        | 16.47445        | 8389.883        | 34.41674        | 3.027065        | 95.55906        | 93.16770        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000279 | -.017881 | .0002276 | .0004786 | -.617780 | -.000639 | .0002185 |
| #2 | -.000599 | -.016142 | -.000414 | .0009820 | -.653409 | -.003267 | -.000004 |
| #3 | -.000009 | -.022137 | .000200  | .0007334 | -.648779 | -.000755 | .000154  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.088222</b> | <b>-.001355</b> | <b>.0000739</b> | <b>-.000157</b> | <b>.0035102</b> | <b>.0106073</b> | <b>-.001955</b> |
| Stddev | .025167         | .000406         | .0000536        | .000658         | .0003624        | .0079736        | .001903         |
| %RSD   | 28.52679        | 29.97755        | 72.56722        | 418.7831        | 10.32530        | 75.17132        | 97.31793        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.081928 | -.001695 | .0000748 | -.000196 | .0030963 | .0014189 | -.000572 |
| #2 | -.066800 | -.001464 | .0000198 | -.000796 | .0036637 | .0146925 | -.001169 |
| #3 | -.115939 | -.000905 | .0001270 | .000519  | .0037706 | .0157104 | -.004125 |

Sample Name: CCB01      Acquired: 6/7/2023 13:50:49      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.004986</b> | <b>-.004256</b> | <b>-.000028</b> | <b>z *****</b> |
| Stddev | .000244         | .001934         | .000046         | -----          |
| %RSD   | 4.884483        | 45.45359        | 164.6475        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.004915</b> | <b>-.002886</b> | <b>-.000038</b> | <b>z 3012.740</b> |
| #2 | <b>-.004785</b> | <b>-.006469</b> | <b>.000022</b>  | <b>z 3029.203</b> |
| #3 | <b>-.005257</b> | <b>-.003413</b> | <b>-.000068</b> | <b>z 3028.298</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>4017.711</b> | <b>54569.96</b> | <b>9448.075</b> | <b>3533.447</b> | <b>3724.938</b> |
| Stddev    | 15.309          | 998.85          | 37.061          | 63.191          | 13.537          |
| %RSD      | .3810320        | 1.830400        | .3922613        | 1.788356        | .3634143        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>4000.543</b> | <b>53419.51</b> | <b>9479.009</b> | <b>3460.482</b> | <b>3711.363</b> |
| #2 | <b>4022.647</b> | <b>55216.27</b> | <b>9458.217</b> | <b>3569.738</b> | <b>3725.012</b> |
| #3 | <b>4029.943</b> | <b>55074.09</b> | <b>9406.998</b> | <b>3570.123</b> | <b>3738.437</b> |



Sample Name: PB152186BL      Acquired: 6/7/2023 13:54:52      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000788</b> | <b>.0000323</b> | <b>.0001338</b> | <b>-.001104</b> | <b>.0004520</b> | <b>-.014301</b> | <b>.0016737</b> |
| Stddev | .002021         | .0003364        | .0008721        | .001309         | .0019620        | .005851         | .0011996        |
| %RSD   | 256.3207        | 1040.942        | 651.7214        | 118.5614        | 434.0375        | 40.91544        | 71.67230        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000102</b> | <b>.0004147</b> | <b>.0003569</b> | <b>-.002307</b> | <b>-.001680</b> | <b>-.012877</b> | <b>.0022084</b> |
| #2 | <b>-.003063</b> | <b>-.000218</b> | <b>-.000828</b> | <b>-.001294</b> | <b>.002181</b>  | <b>-.009293</b> | <b>.0002997</b> |
| #3 | <b>.000800</b>  | <b>-.000100</b> | <b>.000873</b>  | <b>.000289</b>  | <b>.000855</b>  | <b>-.020733</b> | <b>.0025129</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000051</b> | <b>.0000486</b> | <b>-.005969</b> | <b>.0001547</b> | <b>-.000057</b> | <b>.0001299</b> | <b>-.004456</b> |
| Stddev | .000056         | .0000422        | .008207         | .0004301        | .000214         | .0002033        | .006415         |
| %RSD   | 108.5471        | 86.68079        | 137.4989        | 277.9213        | 373.9423        | 156.4312        | 143.9620        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000059</b> | <b>.0000056</b> | <b>-.013436</b> | <b>.0006470</b> | <b>.000093</b>  | <b>.0003524</b> | <b>.002869</b>  |
| #2 | <b>-.000103</b> | <b>.0000898</b> | <b>-.007289</b> | <b>-.000035</b> | <b>.000038</b>  | <b>.0000836</b> | <b>-.007165</b> |
| #3 | <b>.000008</b>  | <b>.0000506</b> | <b>.002818</b>  | <b>-.000148</b> | <b>-.000302</b> | <b>-.000046</b> | <b>-.009073</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000364</b> | <b>-.013807</b> | <b>-.000215</b> | <b>.0008998</b> | <b>-.667515</b> | <b>-.001138</b> | <b>-.000059</b> |
| Stddev | .000148         | .006855         | .000231         | .0006180        | .013029         | .003487         | .000140         |
| %RSD   | 40.58215        | 49.64414        | 107.4626        | 68.68515        | 1.951893        | 306.5793        | 239.8130        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000532</b> | <b>-.005979</b> | <b>-.000106</b> | <b>.0002047</b> | <b>-.658279</b> | <b>.002887</b>  | <b>.000003</b>  |
| #2 | <b>-.000305</b> | <b>-.016710</b> | <b>-.000058</b> | <b>.0011075</b> | <b>-.661847</b> | <b>-.003022</b> | <b>-.000219</b> |
| #3 | <b>-.000255</b> | <b>-.018733</b> | <b>-.000480</b> | <b>.0013873</b> | <b>-.682418</b> | <b>-.003277</b> | <b>.000040</b>  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.060903</b> | <b>-.001401</b> | <b>-.000043</b> | <b>-.000633</b> | <b>.0049227</b> | <b>.0071015</b> | <b>-.004390</b> |
| Stddev | .016853         | .001023         | .000157         | .000625         | .0016507        | .0021715        | .002002         |
| %RSD   | 27.67153        | 72.99950        | 360.2938        | 98.65661        | 33.53350        | 30.57810        | 45.61219        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.047724</b> | <b>-.002516</b> | <b>-.000177</b> | <b>-.000768</b> | <b>.0053202</b> | <b>.0091193</b> | <b>-.002988</b> |
| #2 | <b>-.079892</b> | <b>-.000508</b> | <b>.000129</b>  | <b>-.001180</b> | <b>.0063384</b> | <b>.0048035</b> | <b>-.003498</b> |
| #3 | <b>-.055092</b> | <b>-.001177</b> | <b>-.000083</b> | <b>.000048</b>  | <b>.0031095</b> | <b>.0073817</b> | <b>-.006683</b> |

Sample Name: PB152186BL      Acquired: 6/7/2023 13:54:52      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.003146</b> | <b>-.005130</b> | <b>-.000093</b> | <b>z *****</b> |
| Stddev | .002830         | .001788         | .000020         | -----          |
| %RSD   | 89.96384        | 34.84238        | 21.54116        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.006408</b> | <b>-.006498</b> | <b>-.000098</b> | <b>z 2903.177</b> |
| #2 | <b>-.001670</b> | <b>-.003108</b> | <b>-.000110</b> | <b>z 2910.044</b> |
| #3 | <b>-.001358</b> | <b>-.005785</b> | <b>-.000071</b> | <b>z 2901.258</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>3932.277</b> | <b>56455.72</b> | <b>9362.423</b> | <b>3623.243</b> | <b>3592.344</b> |
| Stddev    | 3.803           | 172.24          | 203.893         | 5.415           | 3.783           |
| %RSD      | .0967152        | .3050904        | 2.177779        | .1494506        | .1053190        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3928.020</b> | <b>56639.98</b> | <b>9230.787</b> | <b>3619.305</b> | <b>3588.675</b> |
| #2 | <b>3935.339</b> | <b>56428.44</b> | <b>9597.286</b> | <b>3629.418</b> | <b>3592.125</b> |
| #3 | <b>3933.472</b> | <b>56298.75</b> | <b>9259.196</b> | <b>3621.006</b> | <b>3596.232</b> |

Sample Name: PB152261BL      Acquired: 6/7/2023 14:02:37      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016562 | .0002945 | .0007771 | .0005423 | -.001908 | -.012117 |
| Stddev | .0029472 | .0009601 | .0001620 | .0035045 | .001931  | .007706  |
| %RSD   | 177.9552 | 326.0541 | 20.84948 | 646.1901 | 101.1885 | 63.60041 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001721 | -.000719 | .0007537 | .0044722 | -.003969 | -.003352 |
| #2 | .002981  | .000412  | .0006281 | -.000587 | -.001614 | -.017831 |
| #3 | .003708  | .001190  | .0009496 | -.002259 | -.000141 | -.015168 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0081432 | .0000006 | .0000290 | -.000934 | -.000479 | .0000399 |
| Stddev | .0010143 | .0000660 | .0000964 | .004563  | .000239  | .0003210 |
| %RSD   | 12.45555 | 10488.10 | 332.7680 | 488.7903 | 49.93699 | 804.3874 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0074393 | .0000571 | .0001171 | .004284  | -.000676 | -.000292 |
| #2 | .0093058 | .0000168 | .0000438 | -.002907 | -.000550 | .000063  |
| #3 | .0076845 | -.000072 | -.000074 | -.004177 | -.000213 | .000349  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000297 | -.002206 | .0000335 | -.011739 | .0000913 | .0002973 |
| Stddev | .000044  | .000524  | .0002453 | .020678  | .0000889 | .0001856 |
| %RSD   | 14.96255 | 23.75700 | 731.4911 | 176.1427 | 97.29321 | 62.42500 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000340 | -.001602 | .0002873 | -.035543 | .0000038 | .0004598 |
| #2 | -.000300 | -.002483 | -.000202 | .001775  | .0000888 | .0003370 |
| #3 | -.000251 | -.002534 | .000015  | -.001449 | .0001814 | .0000951 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.650991 | -.001253 | .0002137 | -.100388 | -.000421 | .0000180 |
| Stddev | .010593  | .000306  | .0002160 | .019756  | .000779  | .0001570 |
| %RSD   | 1.627260 | 24.44188 | 101.0671 | 19.67944 | 185.1783 | 871.3624 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.640415 | -.001039 | .0002699 | -.116227 | .000108  | -.000148 |
| #2 | -.650957 | -.001117 | -.000025 | -.106686 | -.001316 | .000164  |
| #3 | -.661602 | -.001604 | .000396  | -.078251 | -.000055 | .000037  |

Sample Name: PB152261BL      Acquired: 6/7/2023 14:02:37      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                   |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm               |
| Avg    | <b>-.000316</b> | <b>.0072173</b> | <b>.0127750</b> | <b>-.001594</b> | <b>-.002729</b> | <b>F -.011114</b> |
| Stddev | .000835         | .0020504        | .0154483        | .001528         | .001594         | .000837           |
| %RSD   | 263.6917        | 28.40972        | 120.9255        | 95.88990        | 58.41944        | 7.528402          |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .000640  | .0094860 | -.003075 | .000161  | -.004523 | -.010542 |
| #2 | -.000896 | .0066693 | .013612  | -.002307 | -.001476 | -.010725 |
| #3 | -.000693 | .0054966 | .027788  | -.002635 | -.002187 | -.012074 |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>-.000119</b> | <b>z *****</b> |
| Stddev | .000020         | -----          |
| %RSD   | 16.58909        | -----          |

|    |          |                   |
|----|----------|-------------------|
| #1 | -.000139 | <b>z 3033.755</b> |
| #2 | -.000118 | <b>z 3037.190</b> |
| #3 | -.000100 | <b>z 3023.762</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>3954.632</b> | <b>54363.22</b> | <b>9088.534</b> | <b>3523.792</b> | <b>3654.391</b> |
| Stddev    | 6.049           | 570.47          | 28.919          | 31.266          | 8.895           |
| %RSD      | .1529719        | 1.049368        | .3181921        | .8872796        | .2434006        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3953.440 | 53718.39 | 9060.667 | 3487.709 | 3645.141 |
| #2 | 3961.189 | 54802.17 | 9086.533 | 3540.785 | 3662.882 |
| #3 | 3949.267 | 54569.11 | 9118.401 | 3542.881 | 3655.151 |

Sample Name: O2213-02      Acquired: 6/7/2023 14:14:21      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0210045</b> | <b>.0404206</b> | <b>.0129235</b> | <b>.0221357</b> | <b>.0541229</b> | <b>.0934660</b> | <b>.1000746</b> |
| Stddev | .0010631        | .0027814        | .0007780        | .0023080        | .0013936        | .0032430        | .0012832        |
| %RSD   | 5.061341        | 6.881208        | 6.019733        | 10.42678        | 2.574925        | 3.469703        | 1.282206        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0218522</b> | <b>.0401723</b> | <b>.0133264</b> | <b>.0220775</b> | <b>.0556802</b> | <b>.0971188</b> | <b>.0986650</b> |
| #2 | <b>.0198117</b> | <b>.0377716</b> | <b>.0134174</b> | <b>.0198573</b> | <b>.0536958</b> | <b>.0909256</b> | <b>.1011747</b> |
| #3 | <b>.0213497</b> | <b>.0433178</b> | <b>.0120267</b> | <b>.0244723</b> | <b>.0529929</b> | <b>.0923537</b> | <b>.1003839</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0061858</b> | <b>.0062833</b> | <b>1.953897</b> | <b>.0099428</b> | <b>.0292902</b> | <b>.0239816</b> | <b>.1101595</b> |
| Stddev | .0000391        | .0000394        | .008016         | .0003349        | .0001690        | .0002975        | .0053510        |
| %RSD   | .6317356        | .6277532        | .4102635        | 3.368061        | .5768996        | 1.240616        | 4.857524        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0061554</b> | <b>.0062822</b> | <b>1.947573</b> | <b>.0099314</b> | <b>.0294811</b> | <b>.0243169</b> | <b>.1082167</b> |
| #2 | <b>.0062299</b> | <b>.0062444</b> | <b>1.962912</b> | <b>.0102832</b> | <b>.0292300</b> | <b>.0238787</b> | <b>.1162106</b> |
| #3 | <b>.0061721</b> | <b>.0063233</b> | <b>1.951205</b> | <b>.0096137</b> | <b>.0291596</b> | <b>.0237493</b> | <b>.1060514</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0226408</b> | <b>2.125796</b> | <b>.0394022</b> | <b>.0112479</b> | <b>1.761291</b> | <b>.0410957</b> | <b>.0440795</b> |
| Stddev | .0002761        | .005323         | .0005483        | .0002044        | .047717         | .0026193        | .0006744        |
| %RSD   | 1.219328        | .2504030        | 1.391424        | 1.817418        | 2.709198        | 6.373621        | 1.530044        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0228906</b> | <b>2.128308</b> | <b>.0387738</b> | <b>.0114716</b> | <b>1.789698</b> | <b>.0395198</b> | <b>.0437557</b> |
| #2 | <b>.0223444</b> | <b>2.129397</b> | <b>.0396500</b> | <b>.0112012</b> | <b>1.787975</b> | <b>.0396481</b> | <b>.0448547</b> |
| #3 | <b>.0226872</b> | <b>2.119681</b> | <b>.0397829</b> | <b>.0110708</b> | <b>1.706202</b> | <b>.0441193</b> | <b>.0436279</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.105920</b> | <b>.0964469</b> | <b>.2207651</b> | <b>.0388007</b> | <b>.0435789</b> | <b>.4105861</b> | <b>.0156689</b> |
| Stddev | .052511         | .0005437        | .0006077        | .0004705        | .0021453        | .0140882        | .0002785        |
| %RSD   | 2.493510        | .5637768        | .2752837        | 1.212503        | 4.922880        | 3.431251        | 1.777622        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2.106186</b> | <b>.0962598</b> | <b>.2209887</b> | <b>.0387816</b> | <b>.0438222</b> | <b>.3943894</b> | <b>.0159245</b> |
| #2 | <b>2.158298</b> | <b>.0970595</b> | <b>.2212294</b> | <b>.0392805</b> | <b>.0455922</b> | <b>.4199991</b> | <b>.0153720</b> |
| #3 | <b>2.053277</b> | <b>.0960214</b> | <b>.2200773</b> | <b>.0383402</b> | <b>.0413222</b> | <b>.4173698</b> | <b>.0157101</b> |

Sample Name: O2213-02      Acquired: 6/7/2023 14:14:21      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0139966 | .0121683 | .0222529 | z ***** |
| Stddev | .0029957 | .0050784 | .0000850 | -----   |
| %RSD   | 21.40284 | 41.73500 | .3820083 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0110674 | .0085203 | .0221726 | z 2931.233 |
| #2 | .0138677 | .0100161 | .0223420 | z 2940.897 |
| #3 | .0170546 | .0179684 | .0222441 | z 2947.392 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3936.277 | 55682.52 | 9332.638 | 3575.630 | 3570.704 |
| Stddev    | 8.479    | 625.30   | 22.601   | 42.497   | 6.780    |
| %RSD      | .2154042 | 1.122982 | .2421729 | 1.188514 | .1898910 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3927.719 | 55633.31 | 9352.336 | 3568.867 | 3563.449 |
| #2 | 3944.674 | 55083.27 | 9307.963 | 3536.920 | 3576.881 |
| #3 | 3936.439 | 56330.98 | 9337.615 | 3621.103 | 3571.782 |

Sample Name: O2213-16      Acquired: 6/7/2023 14:18:19      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0211158</b> | <b>.0386306</b> | <b>.0128652</b> | <b>.0210848</b> | <b>.0497160</b> | <b>.0932696</b> | <b>.0939484</b> |
| Stddev | .0022440        | .0006047        | .0011092        | .0021756        | .0008980        | .0038725        | .0004218        |
| %RSD   | 10.62712        | 1.565310        | 8.621593        | 10.31860        | 1.806182        | 4.151991        | .4489930        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0199214 | .0379588 | .0128997 | .0198597 | .0499062 | .0890791 | .0941859 |
| #2 | .0237044 | .0388016 | .0117392 | .0197978 | .0487382 | .0940131 | .0934613 |
| #3 | .0197217 | .0391313 | .0139567 | .0235968 | .0505036 | .0967164 | .0941979 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0060637</b> | <b>.0062385</b> | <b>1.916882</b> | <b>.0101597</b> | <b>.0288375</b> | <b>.0234953</b> | <b>.1109838</b> |
| Stddev | .0000847        | .0000356        | .013076         | .0002617        | .0000997        | .0004178        | .0018058        |
| %RSD   | 1.396958        | .5715120        | .6821300        | 2.575685        | .3458908        | 1.778053        | 1.627061        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0061097 | .0062050 | 1.929015 | .0102193 | .0287992 | .0233247 | .1105525 |
| #2 | .0061155 | .0062346 | 1.903033 | .0103864 | .0289507 | .0231899 | .1129661 |
| #3 | .0059660 | .0062760 | 1.918597 | .0098733 | .0287626 | .0239714 | .1094326 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0224072</b> | <b>2.068543</b> | <b>.0386379</b> | <b>.0109027</b> | <b>1.739183</b> | <b>.0367533</b> | <b>.0431614</b> |
| Stddev | .0000796        | .014325         | .0003628        | .0002726        | .013968         | .0014141        | .0003699        |
| %RSD   | .3552980        | .6925233        | .9389785        | 2.500677        | .8031182        | 3.847562        | .8569275        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0223158 | 2.064493 | .0388702 | .0111634 | 1.755276 | .0352080 | .0427448 |
| #2 | .0224614 | 2.084457 | .0388237 | .0109251 | 1.730218 | .0370693 | .0434511 |
| #3 | .0224444 | 2.056679 | .0382199 | .0106195 | 1.732054 | .0379827 | .0432884 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.130896</b> | <b>.0923343</b> | <b>.2156059</b> | <b>.0374075</b> | <b>.0405524</b> | <b>.4144686</b> | <b>.0176792</b> |
| Stddev | .018035         | .0009570        | .0008777        | .0003770        | .0008311        | .0147526        | .0020140        |
| %RSD   | .8463740        | 1.036439        | .4070963        | 1.007944        | 2.049461        | 3.559407        | 11.39190        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.114899 | .0927760 | .2165771 | .0372455 | .0398151 | .4059088 | .0197682 |
| #2 | 2.150442 | .0912362 | .2153713 | .0371385 | .0414531 | .4059936 | .0175198 |
| #3 | 2.127346 | .0929906 | .2148693 | .0378385 | .0403891 | .4315034 | .0157496 |

Sample Name: O2213-16      Acquired: 6/7/2023 14:18:19      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0159846 | .0140006 | .0215712 | z ***** |
| Stddev | .0012193 | .0025896 | .0000451 | -----   |
| %RSD   | 7.628063 | 18.49638 | .2091721 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0165504 | .0164033 | .0215351 | z 2997.253 |
| #2 | .0145851 | .0112577 | .0215567 | z 3003.197 |
| #3 | .0168182 | .0143409 | .0216218 | z 3002.194 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3957.988 | 55406.18 | 9480.399 | 3576.187 | 3597.815 |
| Stddev    | 12.728   | 141.98   | 34.933   | 14.453   | 3.197    |
| %RSD      | .3215770 | .2562506 | .3684778 | .4041568 | .0888649 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3948.840 | 55404.05 | 9511.427 | 3572.663 | 3596.576 |
| #2 | 3952.600 | 55549.21 | 9487.206 | 3592.076 | 3595.423 |
| #3 | 3972.524 | 55265.28 | 9442.563 | 3563.821 | 3601.447 |



Sample Name: O2213-08      Acquired: 6/7/2023 14:26:18      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0217040 | .0394184 | .0132034 | .0192037 | .0520410 | .0860264 | .0954687 |
| Stddev | .0029729 | .0004203 | .0024005 | .0018773 | .0002369 | .0015563 | .0013772 |
| %RSD   | 13.69749 | 1.066153 | 18.18090 | 9.775536 | .4551990 | 1.809119 | 1.442566 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0251257 | .0390147 | .0149710 | .0210416 | .0522028 | .0858093 | .0966593 |
| #2 | .0197538 | .0398535 | .0104706 | .0192801 | .0517691 | .0845901 | .0957864 |
| #3 | .0202325 | .0393872 | .0141688 | .0172894 | .0521510 | .0876799 | .0939604 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060106 | .0062813 | 1.921764 | .0100062 | .0287907 | .0234968 | .1081112 |
| Stddev | .0000384 | .0000752 | .008234  | .0008343 | .0002425 | .0004894 | .0025896 |
| %RSD   | .6384944 | 1.197142 | .4284847 | 8.338027 | .8424727 | 2.082937 | 2.395286 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0059663 | .0063332 | 1.918311 | .0092063 | .0286022 | .0229800 | .1052765 |
| #2 | .0060325 | .0061951 | 1.931163 | .0108711 | .0287055 | .0239533 | .1103527 |
| #3 | .0060331 | .0063158 | 1.915819 | .0099410 | .0290643 | .0235572 | .1087043 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0220113 | 2.094421 | .0388795 | .0111346 | 1.730252 | .0387273 | .0434255 |
| Stddev | .0004901 | .046402  | .0000364 | .0002950 | .009905  | .0013674 | .0003599 |
| %RSD   | 2.226777 | 2.215511 | .0936286 | 2.649130 | .5724737 | 3.530788 | .8286769 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0216221 | 2.074989 | .0389103 | .0112931 | 1.726799 | .0396715 | .0438193 |
| #2 | .0225617 | 2.060894 | .0388888 | .0113164 | 1.741422 | .0371592 | .0431138 |
| #3 | .0218500 | 2.147380 | .0388393 | .0107943 | 1.722536 | .0393510 | .0433434 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.103059 | .0920843 | .2165341 | .0377667 | .0422960 | .4191059 | .0159721 |
| Stddev | .007030  | .0013323 | .0005207 | .0002608 | .0008698 | .0113965 | .0034748 |
| %RSD   | .3342534 | 1.446774 | .2404811 | .6906620 | 2.056499 | 2.719251 | 21.75545 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.096478 | .0910233 | .2160652 | .0380676 | .0432999 | .4060272 | .0198666 |
| #2 | 2.110464 | .0916501 | .2164426 | .0376266 | .0418225 | .4269069 | .0131890 |
| #3 | 2.102235 | .0935795 | .2170945 | .0376058 | .0417657 | .4243836 | .0148607 |

Sample Name: O2213-08      Acquired: 6/7/2023 14:26:18      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0153425 | .0088267 | .0218496 | Z ***** |
| Stddev | .0017760 | .0030160 | .0001301 | -----   |
| %RSD   | 11.57606 | 34.16901 | .5955246 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0173686 | .0086652 | .0217236 | Z 2990.861 |
| #2 | .0140548 | .0058947 | .0218417 | Z 3017.102 |
| #3 | .0146040 | .0119203 | .0219835 | Z 3017.002 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3960.856 | 55310.15 | 9487.901 | 3571.281 | 3595.610 |
| Stddev    | 11.546   | 245.71   | 32.519   | 17.274   | 12.593   |
| %RSD      | .2915030 | .4442402 | .3427377 | .4836796 | .3502256 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3967.934 | 55336.97 | 9482.243 | 3573.762 | 3607.892 |
| #2 | 3947.532 | 55052.13 | 9458.583 | 3552.902 | 3582.728 |
| #3 | 3967.101 | 55541.35 | 9522.877 | 3587.181 | 3596.210 |

Sample Name: O2213-17      Acquired: 6/7/2023 14:30:17      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0220691 | .0404280 | .0124838 | .0217951 | .0526054 | .0997143 | .0903800 |
| Stddev | .0008585 | .0009769 | .0008896 | .0021294 | .0010401 | .0040511 | .0016101 |
| %RSD   | 3.890006 | 2.416450 | 7.126098 | 9.769947 | 1.977222 | 4.062762 | 1.781436 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0215493 | .0415091 | .0126107 | .0221445 | .0519531 | .0966939 | .0908307 |
| #2 | .0215981 | .0401663 | .0115376 | .0237282 | .0538049 | .0981309 | .0917166 |
| #3 | .0230600 | .0396086 | .0133032 | .0195127 | .0520583 | .1043180 | .0885926 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0061105 | .0062891 | 1.918493 | .0099523 | .0290011 | .0245201 | .1056894 |
| Stddev | .0000664 | .0000930 | .020327  | .0002891 | .0001907 | .0004040 | .0038296 |
| %RSD   | 1.086710 | 1.479421 | 1.059553 | 2.904538 | .6575402 | 1.647574 | 3.623406 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0061093 | .0063444 | 1.904418 | .0098483 | .0288255 | .0244656 | .1082514 |
| #2 | .0060447 | .0063412 | 1.941798 | .0097297 | .0292039 | .0249486 | .1012871 |
| #3 | .0061775 | .0061817 | 1.909263 | .0102790 | .0289737 | .0241462 | .1075296 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0221799 | 2.094276 | .0389298 | .0106139 | 1.683811 | .0408941 | .0434432 |
| Stddev | .0003293 | .030701  | .0001769 | .0010053 | .018595  | .0019546 | .0002561 |
| %RSD   | 1.484474 | 1.465962 | .4544813 | 9.471323 | 1.104342 | 4.779654 | .5895406 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0225508 | 2.089855 | .0390625 | .0095487 | 1.699690 | .0402117 | .0431476 |
| #2 | .0219219 | 2.066025 | .0389979 | .0107471 | 1.663355 | .0430985 | .0435825 |
| #3 | .0220671 | 2.126948 | .0387289 | .0115460 | 1.688388 | .0393723 | .0435995 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.058169 | .0949875 | .2172703 | .0379214 | .0433542 | .4134647 | .0152212 |
| Stddev | .041276  | .0005952 | .0005442 | .0005780 | .0026550 | .0015361 | .0013267 |
| %RSD   | 2.005485 | .6265789 | .2504647 | 1.524288 | 6.123988 | .3715248 | 8.716112 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.092091 | .0945626 | .2178942 | .0372873 | .0450253 | .4151775 | .0160428 |
| #2 | 2.070204 | .0956677 | .2168933 | .0384188 | .0447446 | .4130076 | .0159303 |
| #3 | 2.012213 | .0947321 | .2170236 | .0380582 | .0402927 | .4122090 | .0136907 |

Sample Name: O2213-17      Acquired: 6/7/2023 14:30:17      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0160566 | .0175883 | .0218888 | z ***** |
| Stddev | .0025043 | .0050127 | .0001784 | -----   |
| %RSD   | 15.59676 | 28.50010 | .8147866 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0188460 | .0206689 | .0216836 | z 2968.288 |
| #2 | .0153224 | .0202917 | .0220063 | z 2975.020 |
| #3 | .0140015 | .0118042 | .0219766 | z 2981.115 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3935.923 | 55771.08 | 9377.529 | 3577.729 | 3561.029 |
| Stddev    | 12.435   | 260.38   | 12.676   | 19.585   | 7.881    |
| %RSD      | .3159404 | .4668793 | .1351744 | .5474241 | .2213259 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3938.552 | 55528.85 | 9387.101 | 3565.521 | 3567.924 |
| #2 | 3946.834 | 55737.96 | 9363.153 | 3567.346 | 3562.726 |
| #3 | 3922.384 | 56046.44 | 9382.334 | 3600.320 | 3552.438 |

Sample Name: PB152186BS      Acquired: 6/7/2023 14:39:26      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8058894</b> | <b>1.970774</b> | <b>.9527923</b> | <b>1.939705</b> | <b>.7779314</b> | <b>1.948821</b> | <b>.1815360</b> |
| Stddev | .0006938        | .000619         | .0052004        | .001807         | .0048537        | .002877         | .0017171        |
| %RSD   | .0860875        | .0314319        | .5458031        | .0931498        | .6239181        | .1476514        | .9458612        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8062785 | 1.970394 | .9539744 | 1.941791 | .7728932 | 1.947200 | .1796674 |
| #2 | .8050884 | 1.971489 | .9471027 | 1.938697 | .7783243 | 1.952143 | .1818962 |
| #3 | .8063012 | 1.970441 | .9572999 | 1.938629 | .7825767 | 1.947119 | .1830445 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1866761</b> | <b>.1871797</b> | <b>.9324825</b> | <b>.3867766</b> | <b>.1863270</b> | <b>.3293526</b> | <b>3.175101</b> |
| Stddev | .0008997        | .0001432        | .0095921        | .0011085        | .0002823        | .0009616        | .020178         |
| %RSD   | .4819779        | .0765110        | 1.028666        | .2866029        | .1515230        | .2919740        | .6355130        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1861565 | .1872006 | .9328846 | .3870832 | .1865709 | .3287479 | 3.152877 |
| #2 | .1861567 | .1873113 | .9418672 | .3876996 | .1860177 | .3288485 | 3.180152 |
| #3 | .1877150 | .1870271 | .9226956 | .3855471 | .1863924 | .3304615 | 3.192274 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2061446</b> | <b>1.891100</b> | <b>.4763645</b> | <b>.0714759</b> | <b>2.866864</b> | <b>.2914950</b> | <b>.2132476</b> |
| Stddev | .0008136        | .010712         | .0006348        | .0005341        | .031974         | .0048934        | .0003893        |
| %RSD   | .3946526        | .5664229        | .1332553        | .7472386        | 1.115281        | 1.678729        | .1825442        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2052598 | 1.888252 | .4763414 | .0709064 | 2.837724 | .2858502 | .2136933 |
| #2 | .2063139 | 1.902948 | .4770105 | .0719656 | 2.901067 | .2940991 | .2129741 |
| #3 | .2068603 | 1.882101 | .4757416 | .0715558 | 2.861800 | .2945358 | .2130756 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.32220</b> | <b>.2773342</b> | <b>.3923925</b> | <b>.6602665</b> | <b>.1960537</b> | <b>.8763782</b> | <b>5.972869</b> |
| Stddev | .01156          | .0029320        | .0009094        | .0024895        | .0017146        | .0185911        | .008873         |
| %RSD   | .1119917        | 1.057193        | .2317516        | .3770425        | .8745551        | 2.121351        | .1485486        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.32403 | .2759796 | .3927598 | .6580659 | .1977016 | .8624054 | 5.982690 |
| #2 | 10.33273 | .2753246 | .3930608 | .6629686 | .1961800 | .8974784 | 5.965432 |
| #3 | 10.30983 | .2806986 | .3913569 | .6597651 | .1942794 | .8692510 | 5.970485 |

Sample Name: PB152186BS      Acquired: 6/7/2023 14:39:26      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>9.448033</b> | <b>.1934298</b> | <b>.2089810</b> | <b>z *****</b> |
| Stddev | .014326         | .0037285        | .0007520        | -----          |
| %RSD   | .1516338        | 1.927551        | .3598293        | -----          |

|    |          |          |          |                   |
|----|----------|----------|----------|-------------------|
| #1 | 9.457072 | .1901693 | .2081491 | <b>z 7924.301</b> |
| #2 | 9.455512 | .1926251 | .2091816 | <b>z 7977.128</b> |
| #3 | 9.431515 | .1974948 | .2096123 | <b>z 7984.347</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>3852.869</b> | <b>54027.10</b> | <b>9045.515</b> | <b>3479.800</b> | <b>3458.584</b> |
| Stddev    | 4.515           | 136.61          | 20.162          | 22.336          | 1.440           |
| %RSD      | .1171896        | .2528457        | .2228983        | .6418689        | .0416475        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3854.636 | 53947.80 | 9039.583 | 3459.356 | 3460.213 |
| #2 | 3847.737 | 53948.65 | 9067.978 | 3476.405 | 3457.477 |
| #3 | 3856.232 | 54184.83 | 9028.984 | 3503.639 | 3458.061 |

Sample Name: PB152261BS      Acquired: 6/7/2023 14:43:10      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7988259 | 1.962844 | .9529579 | 1.921660 | .7783020 | 1.960668 | .1843150 |
| Stddev | .0039997 | .003676  | .0015604 | .008805  | .0013468 | .013909  | .0014117 |
| %RSD   | .5006988 | .1872977 | .1637477 | .4581733 | .1730423 | .7094011 | .7659002 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8004491 | 1.960063 | .9513294 | 1.923499 | .7771892 | 1.944857 | .1831609 |
| #2 | .7942698 | 1.967012 | .9544400 | 1.929400 | .7797992 | 1.971016 | .1838951 |
| #3 | .8017589 | 1.961457 | .9531042 | 1.912082 | .7779175 | 1.966130 | .1858890 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1879003 | .1872946 | .9392682 | .3807227 | .1865827 | .3287393 | 3.102886 |
| Stddev | .0006852 | .0001521 | .0127375 | .0072585 | .0002521 | .0003028 | .056728  |
| %RSD   | .3646586 | .0812255 | 1.356112 | 1.906516 | .1351358 | .0920933 | 1.828242 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1886794 | .1871343 | .9301272 | .3880274 | .1868403 | .3284523 | 3.151531 |
| #2 | .1873913 | .1873126 | .9538175 | .3806294 | .1863364 | .3287099 | 3.116555 |
| #3 | .1876302 | .1874370 | .9338599 | .3735113 | .1865715 | .3290557 | 3.040572 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2076601 | 1.901221 | .4770747 | .0701766 | 2.741538 | .2902102 | .2079862 |
| Stddev | .0004612 | .013968  | .0002257 | .0020221 | .063376  | .0016284 | .0042974 |
| %RSD   | .2220800 | .7347019 | .0473133 | 2.881410 | 2.311685 | .5611064 | 2.066194 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2075679 | 1.887547 | .4773139 | .0719368 | 2.802105 | .2900954 | .2123764 |
| #2 | .2072520 | 1.900650 | .4770447 | .0706250 | 2.746823 | .2886423 | .2077940 |
| #3 | .2081604 | 1.915466 | .4768654 | .0679679 | 2.675685 | .2918930 | .2037880 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.10042 | .2799529 | .3943567 | .6605610 | .1960411 | .8529371 | 5.910870 |
| Stddev | .14243   | .0014922 | .0002919 | .0018021 | .0012050 | .0203642 | .008290  |
| %RSD   | 1.410178 | .5330231 | .0740136 | .2728068 | .6146838 | 2.387543 | .1402446 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.24227 | .2812998 | .3940505 | .6616698 | .1950501 | .8610754 | 5.919863 |
| #2 | 10.10159 | .2783488 | .3943877 | .6615314 | .1956907 | .8679737 | 5.909214 |
| #3 | 9.95741  | .2802103 | .3946318 | .6584817 | .1973825 | .8297622 | 5.903534 |

Sample Name: PB152261BS      Acquired: 6/7/2023 14:43:10      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 9.341845 | .1892537 | .2100195 | Z ***** |
| Stddev | .018973  | .0024371 | .0005973 | -----   |
| %RSD   | .2030942 | 1.287730 | .2844127 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 9.361321 | .1878884 | .2094069 | Z 8039.920 |
| #2 | 9.340795 | .1878053 | .2100514 | Z 8053.557 |
| #3 | 9.323419 | .1920674 | .2106003 | Z 8054.745 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3877.215 | 55488.65 | 9057.668 | 3570.178 | 3492.554 |
| Stddev    | 6.438    | 954.09   | 32.042   | 60.733   | 7.015    |
| %RSD      | .1660560 | 1.719432 | .3537548 | 1.701117 | .2008444 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3880.334 | 54493.29 | 9046.526 | 3506.437 | 3493.384 |
| #2 | 3869.811 | 55577.37 | 9093.794 | 3576.724 | 3485.162 |
| #3 | 3881.499 | 56395.28 | 9032.685 | 3627.373 | 3499.117 |



Sample Name: O2213-01      Acquired: 6/7/2023 14:57:35      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0076021 | .0113562 | .0034710 | .0055327 | .0140241 | .0287676 | .0281658 |
| Stddev | .0015667 | .0004687 | .0012462 | .0034872 | .0007160 | .0114849 | .0008305 |
| %RSD   | 20.60909 | 4.126989 | 35.90378 | 63.02865 | 5.105396 | 39.92298 | 2.948740 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0093116 | .0114018 | .0040729 | .0086797 | .0148346 | .0333953 | .0290708 |
| #2 | .0072603 | .0118004 | .0020381 | .0061347 | .0137598 | .0156908 | .0274386 |
| #3 | .0062346 | .0108664 | .0043022 | .0017837 | .0134778 | .0372168 | .0279879 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015285 | .0015634 | .4890496 | .0021866 | .0071675 | .0064559 | .0213155 |
| Stddev | .0000625 | .0000306 | .0158739 | .0002701 | .0001242 | .0001908 | .0010715 |
| %RSD   | 4.086613 | 1.956105 | 3.245867 | 12.35409 | 1.732711 | 2.955367 | 5.026889 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015945 | .0015660 | .4931737 | .0018747 | .0071621 | .0062473 | .0205037 |
| #2 | .0015207 | .0015316 | .4715207 | .0023388 | .0070461 | .0066215 | .0225301 |
| #3 | .0014703 | .0015926 | .5024545 | .0023462 | .0072943 | .0064989 | .0209129 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0053943 | .4990142 | .0097614 | .0030080 | .3184846 | .0101552 | .0114036 |
| Stddev | .0002298 | .0242261 | .0001125 | .0004397 | .0223704 | .0016339 | .0001122 |
| %RSD   | 4.259212 | 4.854800 | 1.152546 | 14.61710 | 7.024007 | 16.08946 | .9836217 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0051389 | .4747682 | .0096854 | .0031555 | .3290339 | .0109946 | .0113759 |
| #2 | .0054599 | .4990541 | .0097081 | .0025136 | .2927902 | .0111989 | .0113078 |
| #3 | .0055841 | .5232204 | .0098906 | .0033550 | .3336298 | .0082722 | .0115270 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4369378 | .0212271 | .0548953 | .0093512 | .0147362 | .1162771 | .0016177 |
| Stddev | .0322723 | .0002369 | .0001256 | .0006827 | .0016592 | .0033182 | .0023990 |
| %RSD   | 7.386013 | 1.116140 | .2288089 | 7.300192 | 11.25904 | 2.853683 | 148.2946 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4729446 | .0210991 | .0549221 | .0096723 | .0152289 | .1166303 | .0042849 |
| #2 | .4106198 | .0215005 | .0550054 | .0085672 | .0128865 | .1194046 | .0009318 |
| #3 | .4272491 | .0210816 | .0547585 | .0098141 | .0160932 | .1127965 | -.000364 |

Sample Name: O2213-01      Acquired: 6/7/2023 14:57:35      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0102969 | .0074943 | .0054356 | z ***** |
| Stddev | .0018468 | .0002241 | .0000578 | -----   |
| %RSD   | 17.93523 | 2.990351 | 1.063116 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0089621 | .0073819 | .0054633 | z 2887.814 |
| #2 | .0095239 | .0073486 | .0053692 | z 2913.163 |
| #3 | .0124045 | .0077523 | .0054744 | z 2906.088 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3890.892 | 55746.01 | 9041.327 | 3548.830 | 3556.354 |
| Stddev    | 10.888   | 230.08   | 24.034   | 9.351    | 9.420    |
| %RSD      | .2798357 | .4127273 | .2658219 | .2635010 | .2648647 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3880.969 | 55616.82 | 9015.146 | 3553.924 | 3545.909 |
| #2 | 3889.168 | 56011.65 | 9046.448 | 3538.038 | 3558.948 |
| #3 | 3902.540 | 55609.56 | 9062.388 | 3554.529 | 3564.204 |

Sample Name: O2213-07      Acquired: 6/7/2023 15:01:35      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065244 | .0105621 | .0043981 | .0019366 | .0128039 | .0254590 | .0240322 |
| Stddev | .0008659 | .0012168 | .0007876 | .0023535 | .0013540 | .0025731 | .0007876 |
| %RSD   | 13.27106 | 11.52058 | 17.90697 | 121.5317 | 10.57465 | 10.10694 | 3.277471 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0066160 | .0092920 | .0051669 | .0002481 | .0112884 | .0283764 | .0231849 |
| #2 | .0056164 | .0117174 | .0035930 | .0046249 | .0132288 | .0244874 | .0241697 |
| #3 | .0073408 | .0106770 | .0044343 | .0009366 | .0138944 | .0235131 | .0247421 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015180 | .0015613 | .4758198 | .0024255 | .0072888 | .0065542 | .0217060 |
| Stddev | .0000248 | .0000613 | .0048082 | .0002465 | .0001982 | .0006705 | .0067228 |
| %RSD   | 1.635097 | 3.926970 | 1.010507 | 10.16333 | 2.719389 | 10.23048 | 30.97184 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015360 | .0016255 | .4716131 | .0022396 | .0075175 | .0073073 | .0292141 |
| #2 | .0014897 | .0015034 | .4810611 | .0023317 | .0071667 | .0060220 | .0196596 |
| #3 | .0015283 | .0015551 | .4747851 | .0027051 | .0071823 | .0063333 | .0162442 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0056490 | .5209884 | .0099149 | .0035716 | .2971070 | .0085507 | .0120374 |
| Stddev | .0002900 | .0346463 | .0004439 | .0003435 | .0073065 | .0015756 | .0001252 |
| %RSD   | 5.133258 | 6.650106 | 4.477019 | 9.616149 | 2.459224 | 18.42620 | 1.039924 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0053386 | .5593917 | .0101267 | .0032567 | .2951941 | .0093940 | .0119459 |
| #2 | .0056955 | .4920782 | .0094048 | .0039378 | .3051797 | .0067330 | .0121800 |
| #3 | .0059129 | .5114955 | .0102132 | .0035203 | .2909472 | .0095252 | .0119862 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4922682 | .0208197 | .0552549 | .0093192 | .0148362 | .1087129 | .0027705 |
| Stddev | .0353378 | .0001267 | .0003430 | .0009078 | .0004090 | .0064736 | .0018778 |
| %RSD   | 7.178573 | .6087651 | .6207114 | 9.741209 | 2.756525 | 5.954739 | 67.77661 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4832335 | .0209157 | .0555781 | .0103331 | .0150380 | .1014930 | .0026525 |
| #2 | .5312463 | .0206760 | .0552915 | .0085816 | .0151049 | .1139997 | .0047046 |
| #3 | .4623249 | .0208673 | .0548951 | .0090430 | .0143655 | .1106459 | .0009546 |

Sample Name: O2213-07      Acquired: 6/7/2023 15:01:35      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0092957 | .0018131 | .0053979 | Z ***** |
| Stddev | .0031497 | .0018559 | .0000263 | -----   |
| %RSD   | 33.88333 | 102.3643 | .4867800 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0078469 | .0039451 | .0054159 | Z 2933.436 |
| #2 | .0071311 | .0005589 | .0054101 | Z 2942.542 |
| #3 | .0129091 | .0009353 | .0053678 | Z 2937.226 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3889.847 | 55539.51 | 9277.490 | 3540.866 | 3559.648 |
| Stddev    | 12.115   | 234.73   | 31.341   | 13.749   | 12.038   |
| %RSD      | .3114557 | .4226349 | .3378144 | .3882846 | .3381708 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3875.906 | 55483.55 | 9241.308 | 3535.949 | 3545.879 |
| #2 | 3895.804 | 55337.83 | 9294.982 | 3530.252 | 3568.181 |
| #3 | 3897.830 | 55797.17 | 9296.182 | 3556.397 | 3564.885 |

Sample Name: CCV02      Acquired: 6/7/2023 15:09:46      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.032011</b> | <b>5.060742</b> | <b>4.914783</b> | <b>4.993742</b> | <b>5.031478</b> | <b>9.839541</b> | <b>9.989064</b> |
| Stddev | .046546         | .035470         | .040195         | .048770         | .042010         | .018235         | .042751         |
| %RSD   | .9249955        | .7008885        | .8178335        | .9766305        | .8349374        | .1853222        | .4279824        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.000285 | 5.037829 | 4.895834 | 4.957631 | 5.002929 | 9.852444 | 10.01743 |
| #2 | 5.010303 | 5.042798 | 4.887566 | 4.974374 | 5.011789 | 9.818680 | 9.93989  |
| #3 | 5.085445 | 5.101599 | 4.960950 | 5.049221 | 5.079716 | 9.847501 | 10.00987 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2311733</b> | <b>2.457664</b> | <b>24.12864</b> | <b>.9610202</b> | <b>2.424277</b> | <b>1.336750</b> | <b>5.139270</b> |
| Stddev | .0011602        | .018831         | .06551          | .0015521        | .018283         | .010790         | .020055         |
| %RSD   | .5018680        | .7662038        | .2714990        | .1615008        | .7541482        | .8071595        | .3902217        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2320008 | 2.447832 | 24.09046 | .9625859 | 2.414351 | 1.331534 | 5.133479 |
| #2 | .2316720 | 2.445785 | 24.09117 | .9594822 | 2.413105 | 1.329560 | 5.122748 |
| #3 | .2298472 | 2.479376 | 24.20428 | .9609925 | 2.445376 | 1.349157 | 5.161583 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.557980</b> | <b>23.81972</b> | <b>2.460479</b> | <b>1.175910</b> | <b>23.50613</b> | <b>2.440735</b> | <b>2.510168</b> |
| Stddev | .003703         | .05967          | .017844         | .001812         | .14706          | .004241         | .005680         |
| %RSD   | .1447739        | .2504883        | .7252202        | .1540919        | .6256348        | .1737523        | .2262888        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.554761 | 23.78744 | 2.450127 | 1.175769 | 23.54187 | 2.436600 | 2.515804 |
| #2 | 2.562027 | 23.78315 | 2.450227 | 1.177788 | 23.34449 | 2.440531 | 2.504445 |
| #3 | 2.557151 | 23.88857 | 2.481083 | 1.174172 | 23.63203 | 2.445074 | 2.510255 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>25.97650</b> | <b>5.201831</b> | <b>4.992740</b> | <b>4.922285</b> | <b>4.739266</b> | <b>4.730494</b> | <b>5.279358</b> |
| Stddev | .09695          | .020803         | .045342         | .037369         | .011923         | .059038         | .044998         |
| %RSD   | .3732220        | .3999182        | .9081583        | .7591845        | .2515839        | 1.248024        | .8523404        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.87692 | 5.209252 | 4.965606 | 4.897307 | 4.746755 | 4.684152 | 5.245349 |
| #2 | 25.98199 | 5.217906 | 4.967530 | 4.904303 | 4.725516 | 4.710366 | 5.262343 |
| #3 | 26.07058 | 5.178335 | 5.045085 | 4.965246 | 4.745525 | 4.796963 | 5.330383 |

Sample Name: CCV02      Acquired: 6/7/2023 15:09:46      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 5.015835 | 4.875151 | 5.220811 | z ***** |
| Stddev | .032908  | .019278  | .016689  | -----   |
| %RSD   | .6560844 | .3954300 | .3196671 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.995233 | 4.883355 | 5.204302 | z 2997.707 |
| #2 | 4.998483 | 4.853129 | 5.220458 | z 3013.339 |
| #3 | 5.053787 | 4.888970 | 5.237674 | z 2995.054 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3769.210 | 55362.01 | 9099.124 | 3482.068 | 3205.298 |
| Stddev    | 30.582   | 119.13   | 31.735   | 8.568    | 22.560   |
| %RSD      | .8113659 | .2151787 | .3487671 | .2460550 | .7038219 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3784.864 | 55291.84 | 9078.109 | 3474.257 | 3215.694 |
| #2 | 3788.796 | 55499.56 | 9083.633 | 3491.232 | 3220.786 |
| #3 | 3733.970 | 55294.64 | 9135.629 | 3480.715 | 3179.415 |

Sample Name: CCB02      Acquired: 6/7/2023 15:17:35      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007334 | .0013650 | -.000422 | .0009995 | -.000318 | -.008961 | .0044386 |
| Stddev | .0002798 | .0022254 | .000605  | .0022027 | .001805  | .004284  | .0006926 |
| %RSD   | 38.14345 | 163.0307 | 143.4612 | 220.3716 | 568.1510 | 47.80645 | 15.60321 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0008690 | -.001181 | -.001065 | .0027716 | -.002360 | -.004424 | .0037796 |
| #2 | .0004117 | .002939  | .000137  | -.001467 | .001066  | -.012937 | .0051604 |
| #3 | .0009195 | .002337  | -.000337 | .001694  | .000341  | -.009521 | .0043759 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000041 | .0000500 | -.004084 | .0001763 | -.000068 | .0001592 | -.003212 |
| Stddev | .0000682 | .0000318 | .012308  | .0001353 | .000086  | .0004862 | .004408  |
| %RSD   | 1671.734 | 63.61045 | 301.3442 | 76.76725 | 125.7877 | 305.5001 | 137.2616 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000074 | .0000683 | -.013645 | .0002963 | -.000085 | .0004799 | -.000180 |
| #2 | .000050  | .0000133 | -.008410 | .0002029 | .000025  | .0003979 | -.008268 |
| #3 | .000037  | .0000685 | .009802  | .0000296 | -.000145 | -.000400 | -.001187 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000207 | -.022808 | .0002849 | .0004052 | -.717714 | -.000511 | .0003901 |
| Stddev | .000321  | .019327  | .0002823 | .0004159 | .010071  | .000576  | .0001751 |
| %RSD   | 154.7768 | 84.73623 | 99.05692 | 102.6356 | 1.403184 | 112.6633 | 44.87548 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000542 | -.019452 | -.000041 | .0001150 | -.729328 | .000060  | .0002117 |
| #2 | -.000176 | -.005379 | .000462  | .0008817 | -.711392 | -.001092 | .0005616 |
| #3 | .000097  | -.043594 | .000433  | .0002190 | -.712423 | -.000502 | .0003970 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.054301 | .0031863 | .0005621 | -.000159 | .0050499 | .0132196 | -.006254 |
| Stddev | .010662  | .0009433 | .0003576 | .000286  | .0010643 | .0085130 | .001576  |
| %RSD   | 19.63532 | 29.60584 | 63.62249 | 180.0880 | 21.07602 | 64.39716 | 25.20300 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.047778 | .0022148 | .0008917 | -.000460 | .0054000 | .0190206 | -.005217 |
| #2 | -.066605 | .0040987 | .0001819 | .000110  | .0058951 | .0034465 | -.008068 |
| #3 | -.048520 | .0032455 | .0006127 | -.000127 | .0038546 | .0171917 | -.005477 |

Sample Name: CCB02      Acquired: 6/7/2023 15:17:35      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.004578</b> | <b>-.004107</b> | <b>-.000024</b> | <b>z *****</b> |
| Stddev | .003242         | .002572         | .000105         | -----          |
| %RSD   | 70.81571        | 62.62390        | 443.5943        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.000838</b> | <b>-.001853</b> | <b>.000021</b>  | <b>z 2972.072</b> |
| #2 | <b>-.006592</b> | <b>-.006909</b> | <b>.000052</b>  | <b>z 2970.855</b> |
| #3 | <b>-.006303</b> | <b>-.003558</b> | <b>-.000144</b> | <b>z 3000.399</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>3878.596</b> | <b>54699.26</b> | <b>9194.938</b> | <b>3491.658</b> | <b>3527.617</b> |
| Stddev    | 10.389          | 1225.09         | 17.753          | 63.095          | 6.151           |
| %RSD      | .2678489        | 2.239692        | .1930776        | 1.807018        | .1743757        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3868.925</b> | <b>55045.24</b> | <b>9204.452</b> | <b>3511.766</b> | <b>3524.772</b> |
| #2 | <b>3889.578</b> | <b>55714.16</b> | <b>9205.906</b> | <b>3542.248</b> | <b>3534.676</b> |
| #3 | <b>3877.286</b> | <b>53338.38</b> | <b>9174.455</b> | <b>3420.959</b> | <b>3523.403</b> |



Sample Name: O3018-03DLX10      Acquired: 6/7/2023 15:21:37      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: 362      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0525654 | -.007503 | .2081606 | -.007742 | .0025981 | 14.73356 | .1284385 |
| Stddev | .0013659 | .000401  | .0014976 | .000812  | .0018571 | .03617   | .0015674 |
| %RSD   | 2.598491 | 5.341445 | .7194594 | 10.48792 | 71.48220 | .2455238 | 1.220323 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0511419 | -.007087 | .2080192 | -.006880 | .0024758 | 14.74316 | .1289440 |
| #2 | .0526890 | -.007537 | .2097240 | -.007853 | .0045133 | 14.69356 | .1296908 |
| #3 | .0538653 | -.007886 | .2067387 | -.008492 | .0008050 | 14.76397 | .1266808 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012135 | -.000179 | 16.84411 | .1256723 | .0254342 | .2014896 | 54.50196 |
| Stddev | .0000332 | .000084  | .03119   | .0002102 | .0000884 | .0014170 | .23818   |
| %RSD   | 2.737803 | 46.72156 | .1851750 | .1672243 | .3475957 | .7032577 | .4370170 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012242 | -.000088 | 16.87961 | .1256395 | .0254571 | .2018432 | 54.46550 |
| #2 | .0012401 | -.000199 | 16.83163 | .1254804 | .0253366 | .2026963 | 54.28410 |
| #3 | .0011762 | -.000252 | 16.82110 | .1258969 | .0255089 | .1999293 | 54.75626 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4165137 | 12.21806 | .1721522 | .0012204 | .0803692 | .6033939 | .3626276 |
| Stddev | .0015685 | .02685   | .0004648 | .0002579 | .0007588 | .0023550 | .0017958 |
| %RSD   | .3765654 | .2197340 | .2700153 | 21.12917 | .9441354 | .3902852 | .4952140 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4148676 | 12.23122 | .1720182 | .0015010 | .0806894 | .6056661 | .3636135 |
| #2 | .4179908 | 12.23580 | .1717691 | .0011664 | .0795028 | .6009641 | .3637146 |
| #3 | .4166827 | 12.18718 | .1726694 | .0009938 | .0809155 | .6035516 | .3605549 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.462930 | .2272394 | .0044657 | .0182020 | 1.386062 | .2469666 | 1.202805 |
| Stddev | .019004  | .0016669 | .0001959 | .0002660 | .001453  | .0143530 | .008481  |
| %RSD   | .7715945 | .7335268 | 4.386721 | 1.461352 | .1048431 | 5.811718 | .7051201 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.478897 | .2261015 | .0042436 | .0182424 | 1.385830 | .2490141 | 1.202180 |
| #2 | 2.441911 | .2264640 | .0045397 | .0179182 | 1.384738 | .2601859 | 1.194653 |
| #3 | 2.467984 | .2291527 | .0046139 | .0184456 | 1.387617 | .2316998 | 1.211581 |

Sample Name: O3018-03DLX10      Acquired: 6/7/2023 15:21:37      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: 362      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 2.068963 | -.007157 | .0528059 | Z ***** |
| Stddev | .001307  | .001430  | .0002219 | -----   |
| %RSD   | .0631802 | 19.98226 | .4202885 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 2.067784 | -.008296 | .0525509 | Z 3239.660 |
| #2 | 2.070368 | -.005552 | .0529556 | Z 3246.863 |
| #3 | 2.068738 | -.007623 | .0529111 | Z 3227.689 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3960.223 | 57265.14 | 9526.004 | 3630.712 | 3393.360 |
| Stddev    | 3.455    | 232.68   | 30.962   | 18.125   | 1.284    |
| %RSD      | .0872503 | .4063247 | .3250228 | .4992205 | .0378478 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3956.259 | 57089.61 | 9491.298 | 3609.790 | 3393.117 |
| #2 | 3961.812 | 57529.06 | 9550.789 | 3640.687 | 3392.215 |
| #3 | 3962.598 | 57176.73 | 9535.925 | 3641.658 | 3394.749 |

Sample Name: O3026-01DLX10      Acquired: 6/7/2023 15:25:29      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: VNJ-223      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0061443 | .0008374 | .0997745 | -.004585 | .0004639 | 16.22420 | .1541285 |
| Stddev | .0008130 | .0018365 | .0024322 | .004836  | .0013717 | .02407   | .0030358 |
| %RSD   | 13.23153 | 219.3139 | 2.437718 | 105.4789 | 295.7002 | .1483401 | 1.969648 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0060588 | .0006779 | .1023722 | .000200  | -.001120 | 16.19848 | .1519654 |
| #2 | .0069966 | .0027485 | .0994001 | -.004484 | .001289  | 16.22796 | .1528211 |
| #3 | .0053774 | -.000914 | .0975512 | -.009470 | .001222  | 16.24617 | .1575989 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006657 | -.000266 | 209.6002 | .0203065 | .0078566 | .0126544 | 16.81099 |
| Stddev | .0000215 | .000012  | .5325    | .0003454 | .0001422 | .0008603 | .06752   |
| %RSD   | 3.236344 | 4.465527 | .2540360 | 1.700907 | 1.810521 | 6.798267 | .4016125 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0006560 | -.000279 | 209.0141 | .0206380 | .0079470 | .0133389 | 16.83720 |
| #2 | .0006903 | -.000261 | 209.7324 | .0203327 | .0076927 | .0116887 | 16.86147 |
| #3 | .0006507 | -.000258 | 210.0541 | .0199487 | .0079302 | .0129357 | 16.73430 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4386579 | 56.14858 | .0264650 | .0008793 | .0196665 | .0227322 | .0284671 |
| Stddev | .0019937 | .08362   | .0003699 | .0005487 | .0014828 | .0005790 | .0007340 |
| %RSD   | .4544890 | .1489308 | 1.397508 | 62.39887 | 7.539675 | 2.547055 | 2.578498 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4363604 | 56.05293 | .0268780 | .0003055 | .0208385 | .0222201 | .0292700 |
| #2 | .4396803 | 56.18495 | .0261645 | .0013989 | .0201614 | .0233605 | .0283008 |
| #3 | .4399328 | 56.20785 | .0263524 | .0009335 | .0179996 | .0226162 | .0278305 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.781458 | .0275108 | .0012442 | .0047837 | .6687840 | .2923835 | .8006949 |
| Stddev | .052523  | .0021153 | .0001090 | .0000838 | .0050066 | .0131384 | .0037423 |
| %RSD   | 2.948331 | 7.689000 | 8.758745 | 1.751737 | .7486191 | 4.493536 | .4673762 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.823611 | .0299533 | .0011193 | .0048337 | .6632423 | .3021085 | .8046587 |
| #2 | 1.722619 | .0262806 | .0012936 | .0048305 | .6701290 | .2976050 | .8002033 |
| #3 | 1.798145 | .0262984 | .0013198 | .0046870 | .6729808 | .2774371 | .7972228 |

Sample Name: O3026-01DLX10      Acquired: 6/7/2023 15:25:29      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: VNJ-223      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 2.823654 | .0179841 | .8307499 | z ***** |
| Stddev | .008007  | .0011229 | .0019351 | -----   |
| %RSD   | .2835844 | 6.243799 | .2329335 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 2.826971 | .0176306 | .8286896 | z 3545.564 |
| #2 | 2.814521 | .0170804 | .8325290 | z 3549.590 |
| #3 | 2.829469 | .0192411 | .8310311 | z 3550.080 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3745.754 | 53762.35 | 9140.914 | 3407.415 | 3111.666 |
| Stddev    | 8.979    | 348.58   | 17.412   | 31.279   | 10.783   |
| %RSD      | .2397077 | .6483717 | .1904820 | .9179599 | .3465479 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3735.539 | 53443.64 | 9121.562 | 3390.463 | 3099.319 |
| #2 | 3752.396 | 53708.80 | 9155.313 | 3388.272 | 3119.235 |
| #3 | 3749.327 | 54134.61 | 9145.867 | 3443.511 | 3116.443 |

Sample Name: O3033-01DLX10      Acquired: 6/7/2023 15:29:24      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006897 | -.000703 | .0053886 | -.002369 | -.001702 | .2563915 | .0113178 |
| Stddev | .0015508 | .000855  | .0010154 | .002378  | .002854  | .0104865 | .0009502 |
| %RSD   | 224.8617 | 121.5150 | 18.84262 | 100.3938 | 167.6569 | 4.090024 | 8.395569 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001028 | -.000021 | .0043566 | -.002555 | -.002303 | .2471726 | .0122019 |
| #2 | .001986  | -.001662 | .0063865 | -.004648 | -.004208 | .2677998 | .0103131 |
| #3 | .001111  | -.000427 | .0054228 | .000097  | .001404  | .2542020 | .0114384 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000578 | .0000081 | 12.37712 | .0007456 | .0002924 | .0100657 | 2.355432 |
| Stddev | .0000393 | .0000129 | .15655   | .0002556 | .0001510 | .0009813 | .007137  |
| %RSD   | 67.89816 | 158.5727 | 1.264800 | 34.28505 | 51.65228 | 9.749151 | .3030157 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001016 | -.000005 | 12.42309 | .0007123 | .0004002 | .0092967 | 2.363432 |
| #2 | .0000256 | .000021  | 12.20274 | .0010162 | .0003572 | .0097294 | 2.353147 |
| #3 | .0000463 | .000009  | 12.50553 | .0005082 | .0001198 | .0111709 | 2.349717 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0757362 | 1.167089 | .0020195 | .0006351 | 3.207843 | -.000178 | .0519087 |
| Stddev | .0009899 | .014519  | .0006062 | .0006771 | .009709  | .004099  | .0001847 |
| %RSD   | 1.307091 | 1.244006 | 30.01612 | 106.6129 | .3026763 | 2302.401 | .3558224 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0757358 | 1.157351 | .0021707 | .0006830 | 3.201817 | .004333  | .0517219 |
| #2 | .0747464 | 1.160141 | .0013520 | -.000065 | 3.202669 | -.003673 | .0520912 |
| #3 | .0767263 | 1.183776 | .0025358 | .001287  | 3.219044 | -.001194 | .0519131 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.379798 | .0094361 | .0002981 | -.000928 | .0144861 | 1.333190 | .3758969 |
| Stddev | .016287  | .0012002 | .0001364 | .000402  | .0000944 | .018038  | .0029809 |
| %RSD   | 1.180376 | 12.71873 | 45.76219 | 43.30725 | .6513873 | 1.353006 | .7930140 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.363768 | .0080582 | .0002200 | -.001134 | .0143937 | 1.335638 | .3731654 |
| #2 | 1.396330 | .0102528 | .0004557 | -.001185 | .0145823 | 1.314053 | .3790765 |
| #3 | 1.379296 | .0099974 | .0002187 | -.000465 | .0144823 | 1.349879 | .3754490 |

Sample Name: O3033-01DLX10      Acquired: 6/7/2023 15:29:24      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .3830467 | -.006815 | .0418322 | z ***** |
| Stddev | .0014938 | .001682  | .0007326 | -----   |
| %RSD   | .3899798 | 24.68378 | 1.751337 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .3836138 | -.006249 | .0420838 | z 3076.237 |
| #2 | .3841740 | -.005488 | .0410069 | z 3080.012 |
| #3 | .3813524 | -.008707 | .0424059 | z 3084.764 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3924.150 | 55289.30 | 9396.749 | 3550.600 | 3531.622 |
| Stddev    | 6.595    | 33.43    | 130.072  | 6.308    | 5.140    |
| %RSD      | .1680667 | .0604704 | 1.384224 | .1776678 | .1455433 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3930.902 | 55262.93 | 9337.882 | 3543.478 | 3537.504 |
| #2 | 3917.724 | 55326.90 | 9545.847 | 3552.835 | 3527.999 |
| #3 | 3923.824 | 55278.06 | 9306.517 | 3555.486 | 3529.361 |

Sample Name: O3033-02DLX10      Acquired: 6/7/2023 15:33:22      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: 002-35TH-AVE Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012890 | -.000227 | .0060744 | -.000338 | -.000999 | .2148280 | .0109658 |
| Stddev | .0003532 | .001778  | .0009535 | .000418  | .000619  | .0092163 | .0047191 |
| %RSD   | 27.40453 | 781.9436 | 15.69764 | 123.5148 | 61.88504 | 4.290103 | 43.03498 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011307 | .000856  | .0050762 | -.000597 | -.000953 | .2041859 | .0065945 |
| #2 | .0010426 | -.002279 | .0069759 | .000144  | -.000405 | .2201546 | .0103337 |
| #3 | .0016938 | .000741  | .0061710 | -.000562 | -.001640 | .2201436 | .0159690 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000659 | .0000363 | 11.95466 | .0006898 | .0003919 | .0079312 | 2.223430 |
| Stddev | .0000333 | .0000150 | .05189   | .0002669 | .0000599 | .0003917 | .031845  |
| %RSD   | 50.54476 | 41.30042 | .4340580 | 38.69592 | 15.27683 | 4.938118 | 1.432242 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000735 | .0000536 | 11.90787 | .0006178 | .0003303 | .0076479 | 2.189557 |
| #2 | .0000947 | .0000293 | 12.01047 | .0004663 | .0004498 | .0083781 | 2.252759 |
| #3 | .0000294 | .0000261 | 11.94565 | .0009853 | .0003957 | .0077676 | 2.227974 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0743166 | 1.044463 | .0013832 | .0014440 | 3.194020 | -.000532 | .0495258 |
| Stddev | .0004572 | .025549  | .0001439 | .0005279 | .051034  | .001588  | .0006563 |
| %RSD   | .6152753 | 2.446184 | 10.40135 | 36.55517 | 1.597798 | 298.3238 | 1.325113 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0738604 | 1.015436 | .0014401 | .0010760 | 3.137399 | .000808  | .0487916 |
| #2 | .0743145 | 1.054411 | .0014899 | .0012073 | 3.236473 | -.000119 | .0500555 |
| #3 | .0747748 | 1.063543 | .0012196 | .0020488 | 3.208189 | -.002286 | .0497303 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.361756 | .0089807 | .0004381 | -.000703 | .0113682 | 1.272073 | .3739939 |
| Stddev | .035447  | .0008722 | .0001422 | .000500  | .0014963 | .009450  | .0054985 |
| %RSD   | 2.603002 | 9.711728 | 32.46114 | 71.14332 | 13.16204 | .7428640 | 1.470221 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.401974 | .0094674 | .0002868 | -.000977 | .0097150 | 1.262740 | .3712072 |
| #2 | 1.335062 | .0095010 | .0005690 | -.001005 | .0126297 | 1.281635 | .3704466 |
| #3 | 1.348232 | .0079738 | .0004585 | -.000126 | .0117599 | 1.271844 | .3803279 |

Sample Name: O3033-02DLX10      Acquired: 6/7/2023 15:33:22      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: 002-35TH-AVE Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .3721462 | -.005861 | .0404506 | z ***** |
| Stddev | .0077059 | .002632  | .0000991 | -----   |
| %RSD   | 2.070655 | 44.91117 | .2450053 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .3660796 | -.007286 | .0405103 | z 3069.345 |
| #2 | .3695423 | -.007474 | .0403362 | z 3075.727 |
| #3 | .3808167 | -.002823 | .0405053 | z 3056.397 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3867.908 | 55396.57 | 9310.547 | 3545.575 | 3476.847 |
| Stddev    | 37.197   | 370.70   | 32.308   | 21.238   | 38.108   |
| %RSD      | .9616809 | .6691816 | .3470002 | .5990041 | 1.096047 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3887.382 | 55824.18 | 9281.344 | 3569.095 | 3498.167 |
| #2 | 3891.325 | 55199.62 | 9345.252 | 3527.800 | 3499.524 |
| #3 | 3825.017 | 55165.91 | 9305.045 | 3539.832 | 3432.851 |



Sample Name: O3033-02DUPDLX10      Acquired: 6/7/2023 15:37:20      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: 002-35TH-AVE      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000669</b> | <b>-.000717</b> | <b>.0041411</b> | <b>-.000818</b> | <b>-.001096</b> | <b>.2166406</b> | <b>.0144221</b> |
| Stddev | .000758         | .000808         | .0014127        | .001490         | .001701         | .0031769        | .0011243        |
| %RSD   | 113.2917        | 112.5611        | 34.11457        | 182.1913        | 155.1259        | 1.466426        | 7.795596        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000844</b> | <b>-.000666</b> | <b>.0044459</b> | <b>-.002437</b> | <b>.000126</b>  | <b>.2149657</b> | <b>.0153875</b> |
| #2 | <b>.000161</b>  | <b>.000063</b>  | <b>.0026009</b> | <b>.000498</b>  | <b>-.000376</b> | <b>.2203045</b> | <b>.0131877</b> |
| #3 | <b>-.001326</b> | <b>-.001550</b> | <b>.0053766</b> | <b>-.000515</b> | <b>-.003038</b> | <b>.2146517</b> | <b>.0146910</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000022</b> | <b>.0000134</b> | <b>11.85554</b> | <b>.0004987</b> | <b>.0003707</b> | <b>.0086994</b> | <b>2.151670</b> |
| Stddev | .000023         | .0000545        | .21731          | .0004972        | .0001773        | .0003944        | .023022         |
| %RSD   | 107.1520        | 407.3075        | 1.832982        | 99.70363        | 47.84007        | 4.533106        | 1.069960        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000044</b> | <b>-.000049</b> | <b>11.99123</b> | <b>.0005315</b> | <b>.0002372</b> | <b>.0084492</b> | <b>2.125119</b> |
| #2 | <b>-.000024</b> | <b>.000040</b>  | <b>11.60490</b> | <b>.0009786</b> | <b>.0003029</b> | <b>.0091540</b> | <b>2.163817</b> |
| #3 | <b>.000002</b>  | <b>.000050</b>  | <b>11.97048</b> | <b>-.000014</b> | <b>.0005719</b> | <b>.0084950</b> | <b>2.166075</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0742007</b> | <b>1.049532</b> | <b>.0012768</b> | <b>.0011679</b> | <b>3.065626</b> | <b>-.001197</b> | <b>.0483111</b> |
| Stddev | .0017057        | .031246         | .0003747        | .0001450        | .035536         | .000593         | .0002615        |
| %RSD   | 2.298724        | 2.977088        | 29.34795        | 12.41797        | 1.159162        | 49.52312        | .5412709        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0748555</b> | <b>1.083749</b> | <b>.0015984</b> | <b>.0010063</b> | <b>3.024597</b> | <b>-.001264</b> | <b>.0486130</b> |
| #2 | <b>.0722647</b> | <b>1.022514</b> | <b>.0013668</b> | <b>.0012868</b> | <b>3.086629</b> | <b>-.000574</b> | <b>.0481677</b> |
| #3 | <b>.0754820</b> | <b>1.042335</b> | <b>.0008653</b> | <b>.0012105</b> | <b>3.085652</b> | <b>-.001754</b> | <b>.0481528</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.343470</b> | <b>.0083150</b> | <b>.0003477</b> | <b>-.000750</b> | <b>.0117234</b> | <b>1.218708</b> | <b>.3725381</b> |
| Stddev | .031949         | .0005064        | .0000869        | .000853         | .0010945        | .007595         | .0027090        |
| %RSD   | 2.378074        | 6.090694        | 24.99091        | 113.6945        | 9.335549        | .6232049        | .7271637        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.307626</b> | <b>.0084127</b> | <b>.0002485</b> | <b>-.001618</b> | <b>.0121762</b> | <b>1.223038</b> | <b>.3720682</b> |
| #2 | <b>1.353834</b> | <b>.0087655</b> | <b>.0003840</b> | <b>-.000722</b> | <b>.0104753</b> | <b>1.223147</b> | <b>.3700948</b> |
| #3 | <b>1.368951</b> | <b>.0077668</b> | <b>.0004105</b> | <b>.000088</b>  | <b>.0125188</b> | <b>1.209938</b> | <b>.3754513</b> |

Sample Name: O3033-02DUPDLX10      Acquired: 6/7/2023 15:37:20      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: 002-35TH-AVE Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .3690517 | -.009722 | .0401468 | z ***** |
| Stddev | .0016903 | .004449  | .0008230 | -----   |
| %RSD   | .4580204 | 45.76612 | 2.049935 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .3672580 | -.013658 | .0406566 | z 3036.820 |
| #2 | .3706151 | -.004894 | .0391973 | z 3025.359 |
| #3 | .3692819 | -.010613 | .0405863 | z 3031.200 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3897.365 | 55702.68 | 9083.336 | 3544.624 | 3505.314 |
| Stddev    | 5.414    | 5.12     | 218.846  | 4.869    | 5.456    |
| %RSD      | .1389070 | .0091940 | 2.409312 | .1373548 | .1556636 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3896.077 | 55706.97 | 8891.708 | 3545.039 | 3510.061 |
| #2 | 3892.711 | 55704.07 | 9321.813 | 3549.273 | 3499.353 |
| #3 | 3903.306 | 55697.02 | 9036.488 | 3539.562 | 3506.530 |

Sample Name: O3033-02LDLX50      Acquired: 6/7/2023 15:41:18      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007124 | .0007492 | .0016716 | .0016492 | -.000387 | .0314588 | -.000482 |
| Stddev | .0026357 | .0016952 | .0006531 | .0027889 | .000888  | .0099279 | .001542  |
| %RSD   | 369.9537 | 226.2750 | 39.06763 | 169.1038 | 229.5416 | 31.55837 | 319.8964 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0037284 | -.001208 | .0010521 | .0006243 | .000578  | .0224321 | -.002246 |
| #2 | -.000442 | .001709  | .0023537 | .0048056 | -.000567 | .0420920 | .000191  |
| #3 | -.001149 | .001746  | .0016091 | -.000482 | -.001171 | .0298524 | .000609  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000034 | -.000019 | 2.371618 | -.000165 | .0000092 | .0016098 | .4402311 |
| Stddev | .000060  | .000020  | .051168  | .000623  | .0003497 | .0006966 | .0064515 |
| %RSD   | 177.0224 | 100.6719 | 2.157528 | 376.7904 | 3806.804 | 43.27266 | 1.465485 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000012  | -.000036 | 2.313275 | -.000322 | -.000027 | .0011048 | .4366860 |
| #2 | -.000102 | -.000024 | 2.392706 | -.000695 | -.000321 | .0013202 | .4363295 |
| #3 | -.000011 | .000002  | 2.408872 | .000521  | .000376  | .0024045 | .4476778 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0148773 | .2024643 | .0002336 | .0006304 | .0261838 | -.004449 | .0097739 |
| Stddev | .0002383 | .0227333 | .0002153 | .0006126 | .0111642 | .001018  | .0002211 |
| %RSD   | 1.601680 | 11.22828 | 92.17162 | 97.17731 | 42.63775 | 22.88151 | 2.262204 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0147893 | .2022307 | .0004732 | .0003975 | .0364360 | -.005463 | .0095251 |
| #2 | .0146956 | .1798487 | .0001708 | .0001684 | .0142895 | -.004456 | .0098488 |
| #3 | .0151471 | .2253135 | .0000567 | .0013252 | .0278257 | -.003428 | .0099478 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2415733 | .0001199 | .0001361 | -.000951 | .0042001 | .2660242 | .0714404 |
| Stddev | .0062814 | .0007763 | .0000579 | .000253  | .0015246 | .0133345 | .0036947 |
| %RSD   | 2.600209 | 647.3247 | 42.53510 | 26.55425 | 36.29848 | 5.012524 | 5.171702 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2344444 | -.000149 | .0001990 | -.000675 | .0026304 | .2549205 | .0746958 |
| #2 | .2439803 | .000995  | .0001242 | -.001170 | .0056751 | .2623380 | .0722006 |
| #3 | .2462952 | -.000486 | .0000850 | -.001009 | .0042948 | .2808140 | .0674247 |

Sample Name: O3033-02LDLX50      Acquired: 6/7/2023 15:41:18      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0676169 | -.011839 | .0080212 | z ***** |
| Stddev | .0015695 | .005597  | .0002184 | -----   |
| %RSD   | 2.321185 | 47.28009 | 2.722447 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0693966 | -.016786 | .0077703 | z 2921.420 |
| #2 | .0670239 | -.005763 | .0081246 | z 2936.939 |
| #3 | .0664304 | -.012967 | .0081687 | z 2915.934 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3921.516 | 56274.33 | 9525.320 | 3575.359 | 3559.441 |
| Stddev    | 24.880   | 250.82   | 158.500  | 18.698   | 22.399   |
| %RSD      | .6344361 | .4457049 | 1.663990 | .5229765 | .6292915 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3937.002 | 56307.28 | 9706.343 | 3596.031 | 3574.794 |
| #2 | 3892.818 | 56507.04 | 9458.167 | 3570.420 | 3533.738 |
| #3 | 3934.729 | 56008.67 | 9411.451 | 3559.626 | 3569.790 |

Sample Name: O3033-02MSDLX10      Acquired: 6/7/2023 15:45:17      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: 002-35TH-AVE Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0854462</b> | <b>.2047023</b> | <b>.1052558</b> | <b>.2077549</b> | <b>.0805998</b> | <b>.4416802</b> | <b>.0362481</b> |
| Stddev | .0014724        | .0016003        | .0007635        | .0017108        | .0002727        | .0123067        | .0011771        |
| %RSD   | 1.723196        | .7817530        | .7253743        | .8234758        | .3383060        | 2.786326        | 3.247203        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0858365 | .2040849 | .1053691 | .2094345 | .0809036 | .4466447 | .0375125 |
| #2 | .0838180 | .2035027 | .1044420 | .2078158 | .0803763 | .4276667 | .0360475 |
| #3 | .0866842 | .2065193 | .1059564 | .2060145 | .0805196 | .4507292 | .0351841 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0198997</b> | <b>.0196372</b> | <b>12.37443</b> | <b>.0430100</b> | <b>.0198920</b> | <b>.0431572</b> | <b>2.543875</b> |
| Stddev | .0003342        | .0001318        | .25240          | .0005364        | .0002689        | .0004362        | .020258         |
| %RSD   | 1.679167        | .6712495        | 2.039709        | 1.247251        | 1.352015        | 1.010803        | .7963570        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0202855 | .0194851 | 12.66049 | .0435757 | .0196546 | .0426641 | 2.522098 |
| #2 | .0197152 | .0197192 | 12.18309 | .0425085 | .0198373 | .0434930 | 2.562160 |
| #3 | .0196985 | .0197071 | 12.27970 | .0429458 | .0201841 | .0433145 | 2.547367 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0982639</b> | <b>1.268556</b> | <b>.0529196</b> | <b>.0080067</b> | <b>3.418488</b> | <b>.0296832</b> | <b>.0766979</b> |
| Stddev | .0016742        | .028683         | .0007257        | .0001591        | .008360         | .0020201        | .0004985        |
| %RSD   | 1.703768        | 2.261111        | 1.371386        | 1.986595        | .2445491        | 6.805508        | .6499249        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1001916 | 1.296642 | .0524591 | .0078235 | 3.427551 | .0319437 | .0771227 |
| #2 | .0971748 | 1.239310 | .0525437 | .0081101 | 3.411077 | .0290511 | .0761491 |
| #3 | .0974252 | 1.269715 | .0537562 | .0080865 | 3.416836 | .0280547 | .0768217 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.369340</b> | <b>.0376153</b> | <b>.0412009</b> | <b>.0684046</b> | <b>.0330646</b> | <b>1.368860</b> | <b>1.025406</b> |
| Stddev | .029453         | .0009649        | .0001529        | .0018172        | .0002899        | .008613         | .004920         |
| %RSD   | 1.243078        | 2.565253        | .3711386        | 2.656572        | .8766792        | .6291983        | .4798209        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.363393 | .0385445 | .0410255 | .0668571 | .0327810 | 1.363127 | 1.024521 |
| #2 | 2.401312 | .0366183 | .0412716 | .0679511 | .0330524 | 1.364689 | 1.020988 |
| #3 | 2.343314 | .0376831 | .0413057 | .0704056 | .0333604 | 1.378765 | 1.030708 |

Sample Name: O3033-02MSDLX10      Acquired: 6/7/2023 15:45:17      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: 002-35TH-AVE Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>.3602580</b> | <b>.0132797</b> | <b>.0636278</b> | <b>z *****</b> |
| Stddev | .0035340        | .0007328        | .0011937        | -----          |
| %RSD   | .9809493        | 5.517975        | 1.876138        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>.3562757</b> | <b>.0125800</b> | <b>.0649617</b> | <b>z 3525.879</b> |
| #2 | <b>.3614778</b> | <b>.0140416</b> | <b>.0626600</b> | <b>z 3530.433</b> |
| #3 | <b>.3630205</b> | <b>.0132175</b> | <b>.0632617</b> | <b>z 3522.437</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>3908.900</b> | <b>56720.79</b> | <b>9146.207</b> | <b>3589.931</b> | <b>3505.247</b> |
| Stddev    | 11.354          | 173.29          | 180.904         | 14.591          | 12.527          |
| %RSD      | .2904646        | .3055149        | 1.977914        | .4064507        | .3573901        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3913.878</b> | <b>56664.41</b> | <b>8937.487</b> | <b>3588.854</b> | <b>3510.718</b> |
| #2 | <b>3916.914</b> | <b>56582.71</b> | <b>9257.878</b> | <b>3575.908</b> | <b>3514.110</b> |
| #3 | <b>3895.907</b> | <b>56915.25</b> | <b>9243.255</b> | <b>3605.031</b> | <b>3490.915</b> |

Sample Name: O3033-02MSDDLX10      Acquired: 6/7/2023 15:49:15      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: 002-35TH-AVE      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0798968 | .1896595 | .0979982 | .1925666 | .0747552 | .4006521 | .0251644 |
| Stddev | .0013946 | .0024750 | .0012842 | .0020664 | .0009849 | .0116164 | .0004374 |
| %RSD   | 1.745531 | 1.304975 | 1.310415 | 1.073066 | 1.317475 | 2.899379 | 1.738207 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0785747 | .1881809 | .0971850 | .1929980 | .0756270 | .4082245 | .0256094 |
| #2 | .0797616 | .1882809 | .0973310 | .1903186 | .0736868 | .4064542 | .0247350 |
| #3 | .0813541 | .1925169 | .0994787 | .1943833 | .0749518 | .3872776 | .0251490 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0177387 | .0182238 | 11.42006 | .0402856 | .0184970 | .0408521 | 2.514412 |
| Stddev | .0000727 | .0001587 | .03029   | .0004629 | .0002801 | .0007029 | .008837  |
| %RSD   | .4098219 | .8707349 | .2652046 | 1.149026 | 1.514085 | 1.720552 | .3514691 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0178226 | .0181787 | 11.45450 | .0403935 | .0181891 | .0409564 | 2.511808 |
| #2 | .0176970 | .0180926 | 11.40813 | .0406851 | .0185655 | .0401029 | 2.524259 |
| #3 | .0176964 | .0184002 | 11.39756 | .0397784 | .0187365 | .0414970 | 2.507169 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0906755 | 1.142941 | .0489594 | .0075945 | 3.309784 | .0248170 | .0722411 |
| Stddev | .0001900 | .008132  | .0004575 | .0005784 | .041625  | .0014423 | .0008546 |
| %RSD   | .2094839 | .7115249 | .9343830 | 7.616679 | 1.257620 | 5.811770 | 1.183053 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0905994 | 1.135581 | .0487993 | .0070161 | 3.304086 | .0264252 | .0731276 |
| #2 | .0905353 | 1.151672 | .0486036 | .0081730 | 3.353963 | .0243877 | .0721733 |
| #3 | .0908916 | 1.141572 | .0494754 | .0075943 | 3.271301 | .0236381 | .0714223 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.369325 | .0335169 | .0385388 | .0639276 | .0275901 | 1.346313 | .9568065 |
| Stddev | .016587  | .0011923 | .0005218 | .0009594 | .0010584 | .009036  | .0116614 |
| %RSD   | .7000878 | 3.557287 | 1.353885 | 1.500754 | 3.836270 | .6711732 | 1.218784 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.350474 | .0336003 | .0379538 | .0628202 | .0267259 | 1.336071 | .9497344 |
| #2 | 2.375812 | .0322852 | .0389561 | .0644567 | .0287706 | 1.349710 | .9504190 |
| #3 | 2.381688 | .0346654 | .0387066 | .0645061 | .0272738 | 1.353159 | .9702661 |

Sample Name: O3033-02MSDDLX10      Acquired: 6/7/2023 15:49:15      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: 002-35TH-AVE Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .3430651 | .0117454 | .0588421 | z ***** |
| Stddev | .0033888 | .0023314 | .0001388 | -----   |
| %RSD   | .9877886 | 19.84946 | .2359535 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .3392407 | .0106387 | .0589991 | z 3548.561 |
| #2 | .3456943 | .0144240 | .0587918 | z 3559.388 |
| #3 | .3442603 | .0101735 | .0587355 | z 3542.883 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3893.782 | 55237.25 | 9545.290 | 3541.323 | 3496.267 |
| Stddev    | 18.570   | 307.32   | 29.617   | 25.155   | 20.038   |
| %RSD      | .4769130 | .5563617 | .3102818 | .7103380 | .5731228 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3906.513 | 55272.93 | 9511.743 | 3530.201 | 3512.571 |
| #2 | 3902.360 | 54913.65 | 9567.821 | 3523.645 | 3502.333 |
| #3 | 3872.474 | 55525.17 | 9556.305 | 3570.122 | 3473.897 |



Sample Name: O3033-02ADLX10      Acquired: 6/7/2023 15:53:14      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0888666 | .2146940 | .1088215 | .2139907 | .0839568 | .4237664 | .0258889 |
| Stddev | .0009612 | .0011041 | .0001433 | .0019214 | .0017436 | .0006842 | .0012818 |
| %RSD   | 1.081668 | .5142592 | .1317152 | .8978939 | 2.076752 | .1614471 | 4.950988 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0892294 | .2158344 | .1089761 | .2150057 | .0830533 | .4245385 | .0262156 |
| #2 | .0895937 | .2146173 | .1086931 | .2151916 | .0828505 | .4232356 | .0269757 |
| #3 | .0877768 | .2136302 | .1087951 | .2117746 | .0859667 | .4235250 | .0244754 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0197468 | .0204684 | 11.90810 | .0435145 | .0206299 | .0439017 | 2.607703 |
| Stddev | .0003655 | .0000567 | .21573   | .0001346 | .0001135 | .0003604 | .027212  |
| %RSD   | 1.851015 | .2770289 | 1.811589 | .3093353 | .5502980 | .8208356 | 1.043507 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0197283 | .0204194 | 11.93259 | .0436286 | .0207530 | .0437731 | 2.587772 |
| #2 | .0201212 | .0204552 | 12.11054 | .0435488 | .0205294 | .0443088 | 2.638705 |
| #3 | .0193909 | .0205305 | 11.68117 | .0433660 | .0206071 | .0436234 | 2.596632 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0954278 | 1.228803 | .0533107 | .0089162 | 3.528247 | .0307479 | .0719192 |
| Stddev | .0017086 | .017430  | .0005288 | .0001395 | .030910  | .0026568 | .0001636 |
| %RSD   | 1.790515 | 1.418487 | .9920176 | 1.564630 | .8760684 | 8.640641 | .2274260 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0954576 | 1.212405 | .0533244 | .0087653 | 3.501543 | .0334472 | .0717319 |
| #2 | .0971214 | 1.247109 | .0538327 | .0089428 | 3.562107 | .0306608 | .0719913 |
| #3 | .0937044 | 1.226895 | .0527752 | .0090405 | 3.521092 | .0281358 | .0720343 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.540847 | .0367817 | .0428926 | .0708136 | .0300243 | 1.374257 | 1.039246 |
| Stddev | .051379  | .0008359 | .0002883 | .0012744 | .0003641 | .013912  | .001769  |
| %RSD   | 2.022124 | 2.272599 | .6721727 | 1.799711 | 1.212679 | 1.012294 | .1702509 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.532363 | .0374410 | .0427571 | .0719719 | .0298221 | 1.364038 | 1.038580 |
| #2 | 2.494238 | .0358416 | .0426970 | .0694484 | .0304447 | 1.368633 | 1.041252 |
| #3 | 2.595940 | .0370626 | .0432237 | .0710206 | .0298062 | 1.390100 | 1.037906 |

Sample Name: O3033-02ADLX10      Acquired: 6/7/2023 15:53:14      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .3635325 | .0142857 | .0624626 | z ***** |
| Stddev | .0033302 | .0019107 | .0011505 | -----   |
| %RSD   | .9160598 | 13.37459 | 1.841946 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .3627656 | .0121083 | .0627017 | z 3615.247 |
| #2 | .3671792 | .0150664 | .0634747 | z 3612.041 |
| #3 | .3606526 | .0156824 | .0612113 | z 3634.588 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3906.142 | 55237.63 | 9549.037 | 3524.736 | 3506.350 |
| Stddev    | 4.039    | 91.94    | 174.574  | 11.693   | 4.748    |
| %RSD      | .1034051 | .1664383 | 1.828189 | .3317446 | .1354209 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3903.383 | 55220.54 | 9487.882 | 3518.409 | 3501.489 |
| #2 | 3904.266 | 55155.44 | 9413.268 | 3517.569 | 3506.583 |
| #3 | 3910.779 | 55336.92 | 9745.961 | 3538.229 | 3510.977 |

Sample Name: O3002-02DLX10      Acquired: 6/7/2023 15:57:13      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0570049 | .0003097 | 24.83259 | -.014032 | .0489142 | 13.81097 | 1.707542 |
| Stddev | .0004711 | .0020726 | .05619   | .003962  | .0006850 | .01487   | .002115  |
| %RSD   | .8264032 | 669.3253 | .2262694 | 28.23234 | 1.400365 | .1076900 | .1238826 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0569639 | .0001167 | 24.79412 | -.018607 | .0487912 | 13.79391 | 1.705808 |
| #2 | .0565557 | -.001660 | 24.80659 | -.011791 | .0482991 | 13.82120 | 1.709899 |
| #3 | .0574952 | .002472  | 24.89707 | -.011700 | .0496523 | 13.81781 | 1.706918 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010185 | .0005516 | 7.138101 | .0464799 | .0126288 | .8708617 | 38.41762 |
| Stddev | .0000533 | .0001437 | .017294  | .0001396 | .0001394 | .0037067 | .06214   |
| %RSD   | 5.235969 | 26.05437 | .2422711 | .3003401 | 1.103512 | .4256388 | .1617518 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0009930 | .0005129 | 7.118440 | .0464917 | .0126410 | .8673568 | 38.48819 |
| #2 | .0010798 | .0004312 | 7.150959 | .0466132 | .0124838 | .8704867 | 38.37111 |
| #3 | .0009827 | .0007107 | 7.144904 | .0463347 | .0127617 | .8747417 | 38.39355 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3675074 | 5.631033 | .0692333 | .0031570 | -.513531 | .0474039 | 1.080784 |
| Stddev | .0007958 | .031216  | .0001034 | .0003117 | .001117  | .0028521 | .002469  |
| %RSD   | .2165323 | .5543497 | .1492731 | 9.873197 | .2174967 | 6.016633 | .2284756 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3666251 | 5.596242 | .0691204 | .0033652 | -.512671 | .0504431 | 1.081680 |
| #2 | .3677259 | 5.656589 | .0692563 | .0027986 | -.514793 | .0447856 | 1.082679 |
| #3 | .3681710 | 5.640268 | .0693232 | .0033071 | -.513129 | .0469831 | 1.077991 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.483581 | .0157911 | .0026056 | .1070063 | .8584248 | 2.355926 | 2.254564 |
| Stddev | .004470  | .0001575 | .0001389 | .0008263 | .0008740 | .017801  | .003958  |
| %RSD   | .1283117 | .9973776 | 5.331648 | .7722331 | .1018133 | .7555650 | .1755520 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.482914 | .0156390 | .0025757 | .1063180 | .8592718 | 2.339980 | 2.250154 |
| #2 | 3.488347 | .0157806 | .0027570 | .1067781 | .8584764 | 2.352667 | 2.255727 |
| #3 | 3.479482 | .0159535 | .0024840 | .1079228 | .8575261 | 2.375131 | 2.257810 |

Sample Name: O3002-02DLX10      Acquired: 6/7/2023 15:57:13      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .8184059 | -.005108 | .0469757 | Z ***** |
| Stddev | .0027575 | .001568  | .0001300 | -----   |
| %RSD   | .3369318 | 30.70172 | .2768070 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .8175549 | -.006542 | .0469437 | Z 3018.881 |
| #2 | .8161743 | -.003433 | .0471188 | Z 3031.188 |
| #3 | .8214886 | -.005349 | .0468647 | Z 3030.191 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3980.578 | 57947.09 | 9604.307 | 3662.002 | 3451.720 |
| Stddev    | 2.350    | 149.32   | 18.066   | 7.446    | 3.126    |
| %RSD      | .0590278 | .2576818 | .1881005 | .2033314 | .0905550 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3980.015 | 57827.28 | 9613.770 | 3655.869 | 3450.107 |
| #2 | 3983.158 | 57899.62 | 9583.475 | 3659.849 | 3455.323 |
| #3 | 3978.561 | 58114.38 | 9615.674 | 3670.287 | 3449.730 |

Sample Name: CCV03      Acquired: 6/7/2023 16:01:06      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.020991</b> | <b>5.021091</b> | <b>4.873491</b> | <b>4.966760</b> | <b>5.010910</b> | <b>9.704318</b> | <b>9.779076</b> |
| Stddev | .058338         | .052753         | .052992         | .058448         | .057183         | .221029         | .218898         |
| %RSD   | 1.161879        | 1.050637        | 1.087342        | 1.176774        | 1.141161        | 2.277640        | 2.238431        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.979290 | 4.984441 | 4.828988 | 4.922293 | 4.971621 | 9.813163 | 9.919031 |
| #2 | 5.087657 | 5.081553 | 4.932112 | 5.032961 | 5.076512 | 9.849817 | 9.891378 |
| #3 | 4.996025 | 4.997280 | 4.859373 | 4.945027 | 4.984596 | 9.449974 | 9.526820 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2297064</b> | <b>2.440665</b> | <b>23.62621</b> | <b>.9378546</b> | <b>2.407483</b> | <b>1.343923</b> | <b>4.961069</b> |
| Stddev | .0046456        | .025080         | .50300          | .0193925        | .025034         | .014593         | .100804         |
| %RSD   | 2.022405        | 1.027605        | 2.128976        | 2.067750        | 1.039837        | 1.085886        | 2.031892        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2327207 | 2.422656 | 23.93909 | .9484663 | 2.389876 | 1.333192 | 5.000309 |
| #2 | .2320421 | 2.469310 | 23.89354 | .9496255 | 2.436141 | 1.360540 | 5.036352 |
| #3 | .2243565 | 2.430027 | 23.04599 | .9154721 | 2.396433 | 1.338037 | 4.846546 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.501359</b> | <b>23.41825</b> | <b>2.445425</b> | <b>1.152180</b> | <b>22.77281</b> | <b>2.390467</b> | <b>2.468421</b> |
| Stddev | .054125         | .47327          | .024070         | .022866         | .44878          | .049800         | .046899         |
| %RSD   | 2.163807        | 2.020930        | .9842994        | 1.984611        | 1.970683        | 2.083283        | 1.899948        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.532999 | 23.72795 | 2.427945 | 1.165879 | 23.02716 | 2.421339 | 2.494173 |
| #2 | 2.532216 | 23.65335 | 2.472879 | 1.164878 | 23.03663 | 2.417045 | 2.496802 |
| #3 | 2.438863 | 22.87347 | 2.435450 | 1.125783 | 22.25463 | 2.333016 | 2.414288 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>25.31361</b> | <b>5.163430</b> | <b>4.984965</b> | <b>4.883532</b> | <b>4.636860</b> | <b>4.537700</b> | <b>5.301569</b> |
| Stddev | .53775          | .101865         | .055628         | .046420         | .101963         | .090828         | .060267         |
| %RSD   | 2.124338        | 1.972824        | 1.115917        | .9505394        | 2.198976        | 2.001640        | 1.136784        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.55326 | 5.224487 | 4.945882 | 4.851520 | 4.700152 | 4.588775 | 5.250692 |
| #2 | 25.68987 | 5.219968 | 5.048652 | 4.936770 | 4.691192 | 4.591493 | 5.368127 |
| #3 | 24.69771 | 5.045835 | 4.960359 | 4.862306 | 4.519237 | 4.432832 | 5.285890 |

Sample Name: CCV03      Acquired: 6/7/2023 16:01:06      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.998221 | 4.855926 | 5.145468 | Z ***** |
| Stddev | .056782  | .105230  | .069028  | -----   |
| %RSD   | 1.136038 | 2.167052 | 1.341532 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.957652 | 4.922764 | 5.202323 | Z 3002.243 |
| #2 | 5.063113 | 4.910387 | 5.165420 | Z 2986.039 |
| #3 | 4.973899 | 4.734626 | 5.068662 | Z 3006.547 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3796.291 | 56484.96 | 9144.688 | 3549.808 | 3236.129 |
| Stddev    | 38.726   | 1077.62  | 190.218  | 65.568   | 29.529   |
| %RSD      | 1.020094 | 1.907797 | 2.080096 | 1.847099 | .9124916 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3821.650 | 55822.12 | 9016.525 | 3518.840 | 3256.080 |
| #2 | 3751.715 | 55904.38 | 9054.291 | 3505.460 | 3202.206 |
| #3 | 3815.507 | 57728.38 | 9363.248 | 3625.125 | 3250.100 |

Sample Name: CCB03      Acquired: 6/7/2023 16:04:52      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015771 | .0012014 | -.000795 | .0024329 | -.000821 | -.013818 | .0025292 |
| Stddev | .0010437 | .0016746 | .000329  | .0028067 | .000666  | .007655  | .0016378 |
| %RSD   | 66.18105 | 139.3859 | 41.43284 | 115.3670 | 81.19831 | 55.39918 | 64.75776 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003728 | .0031350 | -.000654 | .0012136 | -.001574 | -.020573 | .0016166 |
| #2 | .0022202 | .0002299 | -.001171 | .0056431 | -.000308 | -.015379 | .0015509 |
| #3 | .0021382 | .0002393 | -.000559 | .0004420 | -.000580 | -.005503 | .0044200 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000018 | -.000032 | -.003227 | .0002107 | .0000278 | .0002649 | -.006439 |
| Stddev | .000034  | .000084  | .006269  | .0003503 | .0001967 | .0003938 | .005684  |
| %RSD   | 184.9611 | 257.4206 | 194.2416 | 166.2046 | 707.4929 | 148.6967 | 88.27193 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000006 | .000064  | .003296  | .0000834 | .0002496 | .0007193 | -.012981 |
| #2 | .000008  | -.000078 | -.009206 | -.000058 | -.000041 | .0000521 | -.003627 |
| #3 | -.000057 | -.000083 | -.003771 | .000607  | -.000125 | .0000232 | -.002709 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001755 | -.003198 | .0000002 | .0008058 | -.758392 | -.001987 | .0003906 |
| Stddev | .0001294 | .003928  | .0004751 | .0002555 | .012373  | .003010  | .0000267 |
| %RSD   | 73.76301 | 122.8145 | 270001.8 | 31.71267 | 1.631536 | 151.4868 | 6.846588 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000309 | -.006674 | -.000322 | .0006249 | -.744221 | .001194  | .0003967 |
| #2 | .0002149 | .001063  | -.000223 | .0010981 | -.767056 | -.002366 | .0004138 |
| #3 | .0002806 | -.003984 | .000546  | .0006943 | -.763898 | -.004789 | .0003613 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.055831 | .0083920 | .0016923 | -.000281 | .0044879 | .0237181 | -.004975 |
| Stddev | .036373  | .0009515 | .0006850 | .000266  | .0016382 | .0072364 | .000139  |
| %RSD   | 65.14778 | 11.33819 | 40.47841 | 94.72638 | 36.50194 | 30.51017 | 2.785010 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.083836 | .0093421 | .0024669 | .000024  | .0045123 | .0317254 | -.004839 |
| #2 | -.068935 | .0083949 | .0011663 | -.000465 | .0028377 | .0176460 | -.005116 |
| #3 | -.014722 | .0074391 | .0014437 | -.000402 | .0061137 | .0217830 | -.004969 |

Sample Name: CCB03      Acquired: 6/7/2023 16:04:52      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.003400</b> | <b>-.005258</b> | <b>-.000045</b> | <b>z *****</b> |
| Stddev | .001377         | .002049         | .000039         | -----          |
| %RSD   | 40.50162        | 38.96932        | 84.80133        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.002318</b> | <b>-.006157</b> | <b>-.000006</b> | <b>z 2928.957</b> |
| #2 | <b>-.002932</b> | <b>-.002913</b> | <b>-.000083</b> | <b>z 2946.436</b> |
| #3 | <b>-.004950</b> | <b>-.006704</b> | <b>-.000047</b> | <b>z 2949.133</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>3926.514</b> | <b>55803.68</b> | <b>9144.841</b> | <b>3558.808</b> | <b>3571.380</b> |
| Stddev    | 5.905           | 27.96           | 97.425          | 8.568           | 5.187           |
| %RSD      | .1503791        | .0501067        | 1.065354        | .2407508        | .1452475        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3932.172 | 55832.02 | 9047.925 | 3552.708 | 3576.954 |
| #2 | 3920.391 | 55776.12 | 9242.767 | 3555.112 | 3566.694 |
| #3 | 3926.980 | 55802.89 | 9143.830 | 3568.603 | 3570.492 |



Sample Name: O3002-09      Acquired: 6/7/2023 16:08:55      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0209401 | .0000598 | .0201249 | -.000388 | .0177883 | .0334058 |
| Stddev | .0032744 | .0020002 | .0003453 | .002066  | .0012001 | .0046434 |
| %RSD   | 15.63679 | 3346.491 | 1.715593 | 532.3840 | 6.746699 | 13.90002 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0246447 | .0021439 | .0204462 | .001380  | .0182682 | .0321013 |
| #2 | .0197421 | -.000120 | .0201688 | .000115  | .0186742 | .0385620 |
| #3 | .0184334 | -.001844 | .0197599 | -.002659 | .0164225 | .0295542 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0753919 | .0000007 | .0002212 | 172.0327 | .0012522 | .0044833 |
| Stddev | .0019529 | .0000223 | .0000935 | .7986    | .0003341 | .0001804 |
| %RSD   | 2.590289 | 3386.244 | 42.29393 | .4642167 | 26.68043 | 4.023888 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0731925 | .0000256 | .0001785 | 171.1177 | .0016356 | .0042756 |
| #2 | .0769226 | -.000017 | .0003284 | 172.3907 | .0010238 | .0046016 |
| #3 | .0760606 | -.000006 | .0001565 | 172.5896 | .0010971 | .0045725 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0020251 | .0838234 | .4554850 | 13.68992 | .0100524 | .0006869 |
| Stddev | .0006709 | .0052194 | .0023949 | .04820   | .0003296 | .0005315 |
| %RSD   | 33.12966 | 6.226619 | .5257823 | .3520952 | 3.279155 | 77.38774 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0023585 | .0783121 | .4529783 | 13.65419 | .0099144 | .0001500 |
| #2 | .0012528 | .0886911 | .4557268 | 13.67084 | .0104286 | .0012129 |
| #3 | .0024640 | .0844670 | .4577497 | 13.74475 | .0098143 | .0006977 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 378.0794 | -.001875 | .2850427 | 3.412044 | .0855674 | .0031239 |
| Stddev | 1.2168   | .000938  | .0020410 | .085450  | .0002721 | .0003359 |
| %RSD   | .3218434 | 50.04455 | .7160485 | 2.504364 | .3180131 | 10.75272 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 378.5689 | -.000823 | .2866484 | 3.328302 | .0857137 | .0028545 |
| #2 | 376.6941 | -.002176 | .2857339 | 3.408726 | .0857350 | .0035003 |
| #3 | 378.9753 | -.002625 | .2827458 | 3.499105 | .0852534 | .0030170 |

Sample Name: O3002-09      Acquired: 6/7/2023 16:08:55      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                   |                 |                 |
|--------|-----------------|-----------------|-----------------|-------------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774            | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm               | ppm             | ppm             |
| Avg    | <b>-.001701</b> | <b>-.000236</b> | <b>1.279603</b> | <b>F 14.19966</b> | <b>5.185227</b> | <b>.0082572</b> |
| Stddev | .000364         | .002550         | .009866         | .21204            | .023778         | .0015709        |
| %RSD   | 21.37580        | 1082.242        | .7710223        | 1.493298          | .4585737        | 19.02443        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001283</b> | <b>-.002456</b> | <b>1.273693</b> | <b>13.98374</b> | <b>5.162247</b> | <b>.0099327</b> |
| #2 | <b>-.001882</b> | <b>-.000800</b> | <b>1.274124</b> | <b>14.20764</b> | <b>5.209730</b> | <b>.0068176</b> |
| #3 | <b>-.001939</b> | <b>.002550</b>  | <b>1.290993</b> | <b>14.40761</b> | <b>5.183703</b> | <b>.0080214</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>.4091346</b> | <b>z *****</b> |
| Stddev | .0024386        | -----          |
| %RSD   | .5960492        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>.4064576</b> | <b>z 3326.263</b> |
| #2 | <b>.4097167</b> | <b>z 3341.372</b> |
| #3 | <b>.4112295</b> | <b>z 3332.085</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>3550.210</b> | <b>51003.97</b> | <b>9172.422</b> | <b>3246.981</b> | <b>2977.379</b> |
| Stddev    | 9.373           | 143.88          | 15.607          | 12.690          | 9.957           |
| %RSD      | .2640002        | .2820876        | .1701565        | .3908261        | .3344345        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3558.929</b> | <b>51149.11</b> | <b>9188.136</b> | <b>3235.227</b> | <b>2986.453</b> |
| #2 | <b>3540.298</b> | <b>51001.41</b> | <b>9172.206</b> | <b>3245.282</b> | <b>2966.726</b> |
| #3 | <b>3551.403</b> | <b>50861.39</b> | <b>9156.923</b> | <b>3260.435</b> | <b>2978.957</b> |

Sample Name: O3002-09DUP      Acquired: 6/7/2023 16:12:58      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0208893 | .0004479 | .0176779 | -.001365 | .0182308 | .0477892 |
| Stddev | .0008251 | .0011001 | .0012180 | .002372  | .0019443 | .0072213 |
| %RSD   | 3.949660 | 245.6144 | 6.890127 | 173.8257 | 10.66499 | 15.11073 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0203822 | .0003996 | .0179939 | -.001898 | .0186879 | .0559789 |
| #2 | .0204444 | .0015713 | .0187069 | .001229  | .0199059 | .0450525 |
| #3 | .0218413 | -.000627 | .0163331 | -.003425 | .0160987 | .0423363 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0693922 | -.000035 | .0001513 | 171.6896 | .0012879 | .0043114 |
| Stddev | .0019365 | .000060  | .0001858 | .5865    | .0004200 | .0002639 |
| %RSD   | 2.790722 | 172.2452 | 122.7693 | .3415958 | 32.61259 | 6.121555 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0678384 | .000016  | .0003609 | 171.1171 | .0016235 | .0040247 |
| #2 | .0687765 | -.000019 | .0000865 | 171.6624 | .0014231 | .0043654 |
| #3 | .0715618 | -.000101 | .0000066 | 172.2891 | .0008169 | .0045442 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016798 | .0817102 | .4596194 | 13.72445 | .0101728 | .0009015 |
| Stddev | .0003100 | .0008993 | .0011483 | .04183   | .0002394 | .0003638 |
| %RSD   | 18.45649 | 1.100600 | .2498273 | .3048145 | 2.353811 | 40.35638 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0013922 | .0813610 | .4584203 | 13.67963 | .0104094 | .0005088 |
| #2 | .0020082 | .0810378 | .4597290 | 13.73126 | .0099306 | .0012271 |
| #3 | .0016390 | .0827317 | .4607089 | 13.76246 | .0101783 | .0009685 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 385.4269 | .0004275 | .2899545 | 3.389220 | .0844181 | .0028791 |
| Stddev | 1.8238   | .0002136 | .0025516 | .043270  | .0020198 | .0002442 |
| %RSD   | .4731813 | 49.97251 | .8800020 | 1.276709 | 2.392649 | 8.480555 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 383.9555 | .0005316 | .2881622 | 3.349968 | .0822779 | .0027348 |
| #2 | 384.8580 | .0001818 | .2888255 | 3.435619 | .0846855 | .0027414 |
| #3 | 387.4674 | .0005692 | .2928759 | 3.382073 | .0862909 | .0031610 |

Sample Name: O3002-09DUP      Acquired: 6/7/2023 16:12:58      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                   |                 |                 |
|--------|-----------------|-----------------|-----------------|-------------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774            | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm               | ppm             | ppm             |
| Avg    | <b>-.001937</b> | <b>.0005349</b> | <b>1.284521</b> | <b>F 14.94993</b> | <b>5.260307</b> | <b>.0166911</b> |
| Stddev | .000952         | .0020201        | .017472         | .09608            | .016567         | .0018790        |
| %RSD   | 49.17222        | 377.6515        | 1.360190        | .6426476          | .3149522        | 11.25746        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002495</b> | <b>-.001183</b> | <b>1.279230</b> | <b>14.84577</b> | <b>5.242963</b> | <b>.0188562</b> |
| #2 | <b>-.002478</b> | <b>.000027</b>  | <b>1.270305</b> | <b>14.96894</b> | <b>5.275969</b> | <b>.0154864</b> |
| #3 | <b>-.000837</b> | <b>.002760</b>  | <b>1.304026</b> | <b>15.03508</b> | <b>5.261988</b> | <b>.0157307</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>.4111548</b> | <b>z *****</b> |
| Stddev | .0014274        | -----          |
| %RSD   | .3471611        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>.4095967</b> | <b>z 3324.070</b> |
| #2 | <b>.4114685</b> | <b>z 3323.793</b> |
| #3 | <b>.4123993</b> | <b>z 3327.536</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>3556.958</b> | <b>50481.82</b> | <b>9182.708</b> | <b>3218.375</b> | <b>2976.818</b> |
| Stddev    | 12.579          | 242.60          | 10.300          | 12.557          | 13.739          |
| %RSD      | .3536552        | .4805721        | .1121673        | .3901570        | .4615181        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3570.051</b> | <b>50563.26</b> | <b>9171.256</b> | <b>3221.736</b> | <b>2991.035</b> |
| #2 | <b>3555.859</b> | <b>50673.22</b> | <b>9191.216</b> | <b>3228.909</b> | <b>2975.805</b> |
| #3 | <b>3544.964</b> | <b>50208.98</b> | <b>9185.650</b> | <b>3204.480</b> | <b>2963.614</b> |

Sample Name: O3002-09LX5      Acquired: 6/7/2023 16:17:00      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0035546 | .0005493 | .0030828 | .0002278 | .0017797 | .0134079 | .0083920 |
| Stddev | .0028041 | .0020388 | .0005655 | .0023250 | .0013388 | .0188283 | .0027414 |
| %RSD   | 78.88560 | 371.2039 | 18.34420 | 1020.497 | 75.22273 | 140.4266 | 32.66619 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0040106 | .0028370 | .0025191 | .0017518 | .0030330 | .0342369 | .0080612 |
| #2 | .0005505 | -.000113 | .0036501 | .0013799 | .0003694 | .0083897 | .0112838 |
| #3 | .0061027 | -.001076 | .0030792 | -.002448 | .0019367 | -.002403 | .0058311 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000158 | -.000008 | 34.00394 | -.000186 | .0008429 | .0005604 | .0120162 |
| Stddev | .0000672 | .000054  | .29304   | .000578  | .0000836 | .0001523 | .0005326 |
| %RSD   | 424.8607 | 641.9026 | .8617900 | 309.9950 | 9.923020 | 27.18738 | 4.431979 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000093 | -.000017 | 34.27758 | -.000853 | .0008004 | .0003857 | .0121762 |
| #2 | .0000860 | -.000058 | 33.69474 | .000116  | .0009392 | .0006299 | .0124505 |
| #3 | -.000048 | .000050  | 34.03950 | .000178  | .0007890 | .0006656 | .0114220 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0935993 | 2.826693 | .0019767 | .0009477 | 71.34383 | -.000318 | .0569766 |
| Stddev | .0008428 | .022446  | .0002676 | .0003225 | .30413   | .002414  | .0007836 |
| %RSD   | .9003997 | .7940805 | 13.53877 | 34.02700 | .4262871 | 759.0512 | 1.375252 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0945716 | 2.852429 | .0016717 | .0011569 | 71.13903 | -.003023 | .0562771 |
| #2 | .0930772 | 2.811166 | .0020863 | .0011098 | 71.19918 | .000450  | .0568292 |
| #3 | .0931492 | 2.816485 | .0021721 | .0005763 | 71.69329 | .001618  | .0578234 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4998380 | .0173558 | .0007082 | -.001088 | .0042696 | .2511118 | 2.749664 |
| Stddev | .0073618 | .0006494 | .0000887 | .000828  | .0013712 | .0079494 | .003739  |
| %RSD   | 1.472836 | 3.741960 | 12.52667 | 76.15834 | 32.11541 | 3.165690 | .1359621 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4918462 | .0171870 | .0007509 | -.000158 | .0038220 | .2599814 | 2.745656 |
| #2 | .5013250 | .0180730 | .0007675 | -.001358 | .0058087 | .2487241 | 2.750276 |
| #3 | .5063427 | .0168075 | .0006062 | -.001747 | .0031782 | .2446298 | 2.753058 |

Sample Name: O3002-09LX5      Acquired: 6/7/2023 16:17:00      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .9556678 | .0027243 | .0832401 | Z ***** |
| Stddev | .0021287 | .0007109 | .0003386 | -----   |
| %RSD   | .2227461 | 26.09465 | .4067736 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .9544745 | .0019059 | .0836122 | Z 3104.906 |
| #2 | .9581255 | .0031889 | .0829502 | Z 3131.028 |
| #3 | .9544035 | .0030782 | .0831578 | Z 3119.669 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3827.250 | 53939.73 | 9091.413 | 3450.796 | 3359.279 |
| Stddev    | 14.237   | 225.38   | 53.201   | 23.259   | 8.749    |
| %RSD      | .3719804 | .4178364 | .5851754 | .6740224 | .2604341 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3841.991 | 54197.77 | 9031.425 | 3476.640 | 3369.000 |
| #2 | 3826.180 | 53840.05 | 9132.870 | 3444.201 | 3356.797 |
| #3 | 3813.578 | 53781.39 | 9109.943 | 3431.546 | 3352.039 |

Sample Name: O3002-09MS      Acquired: 6/7/2023 16:20:59      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8375090</b> | <b>1.840390</b> | <b>.9461596</b> | <b>1.900716</b> | <b>.7937344</b> | <b>1.993929</b> |
| Stddev | .0074940        | .006973         | .0033419        | .010966         | .0031044        | .043189         |
| %RSD   | .8948008        | .3788991        | .3532069        | .5769198        | .3911156        | 2.166012        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8443683 | 1.848275 | .9498072 | 1.907283 | .7963807 | 2.042761 |
| #2 | .8295107 | 1.837862 | .9432452 | 1.888057 | .7903172 | 1.960746 |
| #3 | .8386482 | 1.835033 | .9454263 | 1.906809 | .7945054 | 1.978279 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2585758</b> | <b>.1731317</b> | <b>.1867920</b> | <b>186.1433</b> | <b>.3749586</b> | <b>.1907206</b> |
| Stddev | .0111229        | .0040225        | .0006556        | 4.6393          | .0018222        | .0004854        |
| %RSD   | 4.301600        | 2.323377        | .3509934        | 2.492347        | .4859678        | .2545156        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2709174 | .1777765 | .1874996 | 191.2982 | .3752528 | .1912442 |
| #2 | .2493256 | .1708125 | .1862052 | 182.3035 | .3766157 | .1902855 |
| #3 | .2554844 | .1708061 | .1866711 | 184.8281 | .3730072 | .1906322 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3115167</b> | <b>3.286054</b> | <b>.6949722</b> | <b>16.66307</b> | <b>.4809066</b> | <b>.0693493</b> |
| Stddev | .0011643        | .008063         | .0173292        | .40097          | .0011668        | .0007266        |
| %RSD   | .3737564        | .2453664        | 2.493514        | 2.406363        | .2426265        | 1.047712        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3127653 | 3.295364 | .7141284 | 17.11701 | .4817525 | .0700864 |
| #2 | .3113242 | 3.281338 | .6803860 | 16.35714 | .4795755 | .0693277 |
| #3 | .3104607 | 3.281460 | .6904020 | 16.51507 | .4813919 | .0686338 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>396.8916</b> | <b>.2980906</b> | <b>.5041511</b> | <b>15.23285</b> | <b>.3431459</b> | <b>.4005072</b> |
| Stddev | 1.5555          | .0080121        | .0014753        | .06453          | .0077059        | .0024621        |
| %RSD   | .3919092        | 2.687823        | .2926228        | .4235923        | 2.245657        | .6147417        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 398.6449 | .3051134 | .5053585 | 15.27338 | .3520408 | .4031454 |
| #2 | 396.3526 | .2893633 | .5045881 | 15.15844 | .3389027 | .3982707 |
| #3 | 395.6773 | .2997950 | .5025067 | 15.26672 | .3384943 | .4001054 |

Sample Name: O3002-09MS      Acquired: 6/7/2023 16:20:59      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6781053 | .1901905 | 2.248158 | F 21.84466 | 5.498787 | .2201127 |
| Stddev | .0025581 | .0033486 | .023878  | .19386     | .023723  | .0012593 |
| %RSD   | .3772381 | 1.760640 | 1.062120 | .8874577   | .4314254 | .5720959 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6790976 | .1936625 | 2.249666 | 22.06572 | 5.522379 | .2208571 |
| #2 | .6751997 | .1869808 | 2.223562 | 21.76467 | 5.474935 | .2186587 |
| #3 | .6800186 | .1899282 | 2.271247 | 21.70359 | 5.499046 | .2208221 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .6504256 | Z ***** |
| Stddev | .0165765 | -----   |
| %RSD   | 2.548557 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .6691250 | Z 7804.450 |
| #2 | .6375364 | Z 7833.716 |
| #3 | .6446154 | Z 7813.499 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3565.348 | 51469.02 | 8931.663 | 3262.981 | 2972.459 |
| Stddev    | 14.584   | 164.06   | 214.826  | 7.147    | 7.644    |
| %RSD      | .4090529 | .3187490 | 2.405213 | .2190180 | .2571476 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3552.373 | 51359.12 | 8684.995 | 3258.925 | 2964.695 |
| #2 | 3581.133 | 51390.33 | 9077.716 | 3258.786 | 2979.976 |
| #3 | 3562.538 | 51657.59 | 9032.278 | 3271.233 | 2972.707 |



Sample Name: O3002-09MSD      Acquired: 6/7/2023 16:24:51      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8431052</b> | <b>1.842881</b> | <b>.9491884</b> | <b>1.893687</b> | <b>.7935154</b> | <b>1.993846</b> |
| Stddev | .0027788        | .019795         | .0073857        | .015706         | .0065118        | .004673         |
| %RSD   | .3295906        | 1.074110        | .7781109        | .8293613        | .8206289        | .2343648        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8446388 | 1.862347 | .9571970 | 1.910768 | .7991088 | 1.997901 |
| #2 | .8398975 | 1.822773 | .9426452 | 1.879870 | .7863668 | 1.988736 |
| #3 | .8447792 | 1.843523 | .9477228 | 1.890424 | .7950706 | 1.994901 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2649517</b> | <b>.1805651</b> | <b>.1878661</b> | <b>187.1537</b> | <b>.3778996</b> | <b>.1914026</b> |
| Stddev | .0011262        | .0016614        | .0016658        | .4637           | .0006526        | .0016021        |
| %RSD   | .4250510        | .9200915        | .8867027        | .2477871        | .1726771        | .8370396        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2662515 | .1824800 | .1896037 | 186.8699 | .3786517 | .1931959 |
| #2 | .2643366 | .1797079 | .1862828 | 186.9024 | .3774846 | .1901124 |
| #3 | .2642671 | .1795075 | .1877119 | 187.6889 | .3775623 | .1908994 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3092742</b> | <b>3.213403</b> | <b>.6996764</b> | <b>16.78850</b> | <b>.4826654</b> | <b>.0696769</b> |
| Stddev | .0022079        | .038948         | .0027229        | .09732          | .0039921        | .0005587        |
| %RSD   | .7138930        | 1.212033        | .3891697        | .5796691        | .8270877        | .8017937        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3117850 | 3.178763 | .6965877 | 16.69454 | .4871046 | .0697236 |
| #2 | .3076357 | 3.205885 | .7017302 | 16.78208 | .4793704 | .0702108 |
| #3 | .3084018 | 3.255561 | .7007113 | 16.88886 | .4815211 | .0690964 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>394.3429</b> | <b>.2932826</b> | <b>.5119744</b> | <b>15.20539</b> | <b>.3588778</b> | <b>.4021804</b> |
| Stddev | 7.3620          | .0029538        | .0012461        | .17598          | .0021618        | .0030629        |
| %RSD   | 1.866894        | 1.007133        | .2433888        | 1.157385        | .6023820        | .7615673        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 385.9088 | .2948973 | .5132585 | 15.02515 | .3613515 | .4053247 |
| #2 | 397.6392 | .2898735 | .5118946 | 15.21423 | .3573507 | .3992060 |
| #3 | 399.4807 | .2950770 | .5107702 | 15.37678 | .3579313 | .4020106 |

Sample Name: O3002-09MSD      Acquired: 6/7/2023 16:24:51      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6828669 | .1882065 | 2.225805 | F 21.59245 | 5.519554 | .2163863 |
| Stddev | .0050810 | .0009044 | .026533  | .20557     | .047053  | .0026164 |
| %RSD   | .7440701 | .4805552 | 1.192051 | .9520301   | .8524739 | 1.209153 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6885223 | .1881248 | 2.204442 | 21.82045 | 5.567567 | .2144316 |
| #2 | .6786867 | .1891490 | 2.217466 | 21.42127 | 5.473524 | .2153686 |
| #3 | .6813917 | .1873457 | 2.255505 | 21.53564 | 5.517572 | .2193586 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .6491596 | z ***** |
| Stddev | .0019291 | -----   |
| %RSD   | .2971628 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .6477115 | z 7796.013 |
| #2 | .6484178 | z 7796.113 |
| #3 | .6513494 | z 7796.613 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3543.122 | 50438.99 | 8609.762 | 3218.017 | 2954.395 |
| Stddev    | 30.077   | 174.48   | 52.486   | 5.031    | 27.847   |
| %RSD      | .8488835 | .3459303 | .6096095 | .1563346 | .9425633 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3513.742 | 50537.90 | 8549.611 | 3222.122 | 2925.017 |
| #2 | 3573.850 | 50541.54 | 8646.254 | 3219.524 | 2980.405 |
| #3 | 3541.774 | 50237.52 | 8633.421 | 3212.405 | 2957.763 |

Sample Name: O3002-09A      Acquired: 6/7/2023 16:28:44      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8997939</b> | <b>1.981548</b> | <b>1.018014</b> | <b>2.036678</b> | <b>.8520551</b> | <b>2.117532</b> |
| Stddev | .0044385        | .005591         | .002639         | .004188         | .0005388        | .022971         |
| %RSD   | .4932756        | .2821611        | .2591847        | .2056283        | .0632326        | 1.084810        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9048023 | 1.976714 | 1.021053 | 2.032488 | .8515048 | 2.092131 |
| #2 | .8982317 | 1.980258 | 1.016310 | 2.036683 | .8525816 | 2.123617 |
| #3 | .8963478 | 1.987671 | 1.016678 | 2.040864 | .8520787 | 2.136848 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2765467</b> | <b>.1866507</b> | <b>.2018419</b> | <b>173.9219</b> | <b>.4060069</b> | <b>.2047038</b> |
| Stddev | .0022659        | .0024397        | .0002923        | .8644           | .0009433        | .0002674        |
| %RSD   | .8193440        | 1.307110        | .1447977        | .4970234        | .2323291        | .1306450        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2748364 | .1870501 | .2015250 | 173.0092 | .4069157 | .2049723 |
| #2 | .2756871 | .1840359 | .2019001 | 174.0284 | .4050325 | .2044375 |
| #3 | .2791166 | .1888660 | .2021008 | 174.7282 | .4060726 | .2047016 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3332060</b> | <b>3.560303</b> | <b>.6721666</b> | <b>15.69684</b> | <b>.5180250</b> | <b>.0749899</b> |
| Stddev | .0003945        | .033160         | .0018457        | .07253          | .0004923        | .0005299        |
| %RSD   | .1183839        | .9313858        | .2745836        | .4620776        | .0950345        | .7066669        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3336060 | 3.529191 | .6702680 | 15.64258 | .5184413 | .0756018 |
| #2 | .3331947 | 3.595188 | .6722776 | 15.66872 | .5174816 | .0746877 |
| #3 | .3328174 | 3.556531 | .6739543 | 15.77922 | .5181521 | .0746803 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>372.8766</b> | <b>.3176917</b> | <b>.5011082</b> | <b>15.93772</b> | <b>.3575065</b> | <b>.4314767</b> |
| Stddev | 1.7095          | .0038655        | .0010919        | .08716          | .0050711        | .0002253        |
| %RSD   | .4584701        | 1.216744        | .2179011        | .5468559        | 1.418457        | .0522247        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 372.8544 | .3142200 | .4999310 | 15.89051 | .3574284 | .4316766 |
| #2 | 374.5972 | .3169980 | .5020879 | 16.03829 | .3524750 | .4312325 |
| #3 | 371.1783 | .3218571 | .5013056 | 15.88434 | .3626162 | .4315209 |

Sample Name: O3002-09A      Acquired: 6/7/2023 16:28:44      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .7340273 | .2045767 | 2.260415 | F 20.96558 | 5.136118 | .2221631 |
| Stddev | .0014335 | .0009677 | .009163  | .02731     | .014214  | .0047285 |
| %RSD   | .1952937 | .4730479 | .4053784 | .1302684   | .2767365 | 2.128412 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7348500 | .2039543 | 2.260319 | 20.97644 | 5.137273 | .2177046 |
| #2 | .7323720 | .2040840 | 2.269625 | 20.93451 | 5.121361 | .2271219 |
| #3 | .7348598 | .2056916 | 2.251299 | 20.98579 | 5.149718 | .2216629 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .6300997 | Z ***** |
| Stddev | .0019861 | -----   |
| %RSD   | .3152048 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .6288666 | Z 8152.178 |
| #2 | .6290418 | Z 8131.095 |
| #3 | .6323909 | Z 8150.879 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3529.124 | 50534.17 | 8889.084 | 3214.212 | 2947.966 |
| Stddev    | 9.508    | 252.56   | 53.264   | 19.966   | 8.736    |
| %RSD      | .2694203 | .4997885 | .5992028 | .6211814 | .2963288 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3518.364 | 50641.65 | 8894.841 | 3230.241 | 2938.997 |
| #2 | 3536.395 | 50245.64 | 8939.235 | 3191.847 | 2956.448 |
| #3 | 3532.612 | 50715.22 | 8833.175 | 3220.549 | 2948.452 |

Sample Name: O3019-01      Acquired: 6/7/2023 16:32:37      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MH-289      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.005501</b> | <b>-.011790</b> | <b>.0019536</b> | <b>-.003379</b> | <b>.0022014</b> | <b>.1338231</b> |
| Stddev | .000415         | .002273         | .0003577        | .001027         | .0019741        | .0056194        |
| %RSD   | 7.552362        | 19.27655        | 18.30729        | 30.37596        | 89.67291        | 4.199118        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.005736</b> | <b>-.010244</b> | <b>.0016460</b> | <b>-.003223</b> | <b>.0028394</b> | <b>.1382654</b> |
| #2 | <b>-.005746</b> | <b>-.010726</b> | <b>.0023461</b> | <b>-.004475</b> | <b>.0037775</b> | <b>.1275060</b> |
| #3 | <b>-.005021</b> | <b>-.014399</b> | <b>.0018689</b> | <b>-.002440</b> | <b>-.000013</b> | <b>.1356979</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3680313</b> | <b>.0005661</b> | <b>-.000998</b> | <b>106.2065</b> | <b>.0064634</b> | <b>.0145770</b> |
| Stddev | .0034602        | .0000632        | .000130         | .7267           | .0003389        | .0001225        |
| %RSD   | .9401822        | 11.17117        | 12.98840        | .6842195        | 5.243290        | .8404894        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.3664210</b> | <b>.0005521</b> | <b>-.000850</b> | <b>105.9603</b> | <b>.0063572</b> | <b>.0147031</b> |
| #2 | <b>.3720031</b> | <b>.0005111</b> | <b>-.001051</b> | <b>107.0243</b> | <b>.0068427</b> | <b>.0144585</b> |
| #3 | <b>.3656697</b> | <b>.0006352</b> | <b>-.001092</b> | <b>105.6349</b> | <b>.0061904</b> | <b>.0145694</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.024109</b> | <b>46.48452</b> | <b>15.26704</b> | <b>29.36315</b> | <b>.0044661</b> | <b>.0037872</b> |
| Stddev | .000884         | .25719          | .08489          | .22616          | .0001337        | .0005023        |
| %RSD   | 3.664929        | .5532825        | .5560575        | .7702154        | 2.992477        | 13.26214        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.023653</b> | <b>46.25941</b> | <b>15.24072</b> | <b>29.19187</b> | <b>.0043333</b> | <b>.0042696</b> |
| #2 | <b>-.023547</b> | <b>46.42931</b> | <b>15.36197</b> | <b>29.61951</b> | <b>.0044643</b> | <b>.0038250</b> |
| #3 | <b>-.025128</b> | <b>46.76483</b> | <b>15.19841</b> | <b>29.27808</b> | <b>.0046006</b> | <b>.0032672</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>174.0756</b> | <b>-.001124</b> | <b>.5424649</b> | <b>14.71966</b> | <b>.5767338</b> | <b>.0001362</b> |
| Stddev | .4324           | .002673         | .0024693        | .07217          | .0056733        | .0002292        |
| %RSD   | .2484011        | 237.7544        | .4551930        | .4903008        | .9836979        | 168.2268        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>173.6316</b> | <b>-.000087</b> | <b>.5396242</b> | <b>14.66628</b> | <b>.5772372</b> | <b>.0002363</b> |
| #2 | <b>174.0997</b> | <b>.000875</b>  | <b>.5440978</b> | <b>14.69093</b> | <b>.5821386</b> | <b>.0002983</b> |
| #3 | <b>174.4954</b> | <b>-.004161</b> | <b>.5436727</b> | <b>14.80177</b> | <b>.5708256</b> | <b>-.000126</b> |

Sample Name: O3019-01      Acquired: 6/7/2023 16:32:37      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MH-289      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                   |                 |                 |                 |
|--------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.002051</b> | <b>.0067273</b> | <b>F 12.70351</b> | <b>.0141392</b> | <b>2.343588</b> | <b>-.007777</b> |
| Stddev | .000823         | .0009445        | .09026            | .0033161        | .011112         | .002869         |
| %RSD   | 40.13663        | 14.04020        | .7105455          | 23.45349        | .4741560        | 36.88843        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001152</b> | <b>.0075353</b> | <b>12.62804</b> | <b>.0157848</b> | <b>2.356313</b> | <b>-.005070</b> |
| #2 | <b>-.002767</b> | <b>.0069577</b> | <b>12.67898</b> | <b>.0163106</b> | <b>2.335797</b> | <b>-.010784</b> |
| #3 | <b>-.002235</b> | <b>.0056889</b> | <b>12.80350</b> | <b>.0103221</b> | <b>2.338654</b> | <b>-.007478</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>.5232902</b> | <b>z *****</b> |
| Stddev | .0028110        | -----          |
| %RSD   | .5371816        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>.5234862</b> | <b>z 3220.421</b> |
| #2 | <b>.5259980</b> | <b>z 3216.857</b> |
| #3 | <b>.5203863</b> | <b>z 3219.902</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>3590.029</b> | <b>51184.18</b> | <b>9186.549</b> | <b>3231.446</b> | <b>3048.672</b> |
| Stddev    | 18.389          | 58.81           | 63.341          | 9.747           | 14.999          |
| %RSD      | .5122285        | .1148992        | .6894974        | .3016335        | .4919991        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3569.207</b> | <b>51202.97</b> | <b>9169.012</b> | <b>3242.318</b> | <b>3031.818</b> |
| #2 | <b>3604.046</b> | <b>51231.29</b> | <b>9133.825</b> | <b>3228.529</b> | <b>3060.556</b> |
| #3 | <b>3596.834</b> | <b>51118.27</b> | <b>9256.811</b> | <b>3223.490</b> | <b>3053.642</b> |

Sample Name: O3019-01DUP      Acquired: 6/7/2023 16:36:32      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MH-289DUP      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.004679</b> | <b>-.010860</b> | <b>.0001386</b> | <b>-.006260</b> | <b>.0022573</b> | <b>.1420820</b> |
| Stddev | .003366         | .001866         | .0010744        | .004029         | .0017974        | .0037678        |
| %RSD   | 71.94299        | 17.18218        | 775.0723        | 64.35998        | 79.62407        | 2.651870        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002836</b> | <b>-.008957</b> | <b>.0013241</b> | <b>-.001818</b> | <b>.0013343</b> | <b>.1425377</b> |
| #2 | <b>-.002636</b> | <b>-.010936</b> | <b>-.000137</b> | <b>-.007282</b> | <b>.0011090</b> | <b>.1381070</b> |
| #3 | <b>-.008564</b> | <b>-.012687</b> | <b>-.000771</b> | <b>-.009679</b> | <b>.0043287</b> | <b>.1456012</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3772548</b> | <b>.0006517</b> | <b>-.000912</b> | <b>107.6489</b> | <b>.0066184</b> | <b>.0144619</b> |
| Stddev | .0049329        | .0000929        | .000092         | .9235           | .0005285        | .0000698        |
| %RSD   | 1.307572        | 14.25528        | 10.11735        | .8578586        | 7.985826        | .4826168        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.3719154</b> | <b>.0007360</b> | <b>-.000840</b> | <b>106.6463</b> | <b>.0062853</b> | <b>.0144346</b> |
| #2 | <b>.3782067</b> | <b>.0005521</b> | <b>-.001016</b> | <b>107.8358</b> | <b>.0063421</b> | <b>.0144100</b> |
| #3 | <b>.3816424</b> | <b>.0006670</b> | <b>-.000881</b> | <b>108.4646</b> | <b>.0072278</b> | <b>.0145413</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.023574</b> | <b>45.93626</b> | <b>15.38218</b> | <b>29.77824</b> | <b>.0046889</b> | <b>.0042018</b> |
| Stddev | .001335         | .76694          | .18618          | .35144          | .0001495        | .0002660        |
| %RSD   | 5.661384        | 1.669570        | 1.210374        | 1.180205        | 3.187751        | 6.330903        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.022079</b> | <b>45.20470</b> | <b>15.18722</b> | <b>29.40340</b> | <b>.0046697</b> | <b>.0040331</b> |
| #2 | <b>-.024646</b> | <b>46.73426</b> | <b>15.40117</b> | <b>29.83098</b> | <b>.0045500</b> | <b>.0040639</b> |
| #3 | <b>-.023997</b> | <b>45.86983</b> | <b>15.55813</b> | <b>30.10033</b> | <b>.0048471</b> | <b>.0045085</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>173.7228</b> | <b>-.002947</b> | <b>.5441694</b> | <b>14.57668</b> | <b>.5921102</b> | <b>-.000194</b> |
| Stddev | 2.6233          | .003304         | .0080998        | .23433          | .0034285        | .000209         |
| %RSD   | 1.510066        | 112.1081        | 1.488477        | 1.607553        | .5790319        | 107.4322        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>171.4952</b> | <b>.000764</b>  | <b>.5403151</b> | <b>14.33301</b> | <b>.5887524</b> | <b>-.000321</b> |
| #2 | <b>176.6143</b> | <b>-.004036</b> | <b>.5534767</b> | <b>14.80039</b> | <b>.5919729</b> | <b>-.000309</b> |
| #3 | <b>173.0588</b> | <b>-.005568</b> | <b>.5387165</b> | <b>14.59664</b> | <b>.5956053</b> | <b>.000047</b>  |

Sample Name: O3019-01DUP      Acquired: 6/7/2023 16:36:32      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MH-289DUP      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                   |                 |                 |                 |
|--------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.002796</b> | <b>.0067354</b> | <b>F 12.62034</b> | <b>.0104189</b> | <b>2.315578</b> | <b>-.012464</b> |
| Stddev | .001631         | .0006675        | .18038            | .0037059        | .007744         | .001405         |
| %RSD   | 58.32431        | 9.910712        | 1.429274          | 35.56923        | .3344505        | 11.26828        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002072</b> | <b>.0062633</b> | <b>12.47543</b> | <b>.0142131</b> | <b>2.318173</b> | <b>-.010844</b> |
| #2 | <b>-.004663</b> | <b>.0064438</b> | <b>12.82236</b> | <b>.0102354</b> | <b>2.321691</b> | <b>-.013335</b> |
| #3 | <b>-.001653</b> | <b>.0074991</b> | <b>12.56322</b> | <b>.0068081</b> | <b>2.306869</b> | <b>-.013215</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>.5262955</b> | <b>Z *****</b> |
| Stddev | .0060411        | -----          |
| %RSD   | 1.147855        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>.5201613</b> | <b>Z 3294.083</b> |
| #2 | <b>.5264862</b> | <b>Z 3260.215</b> |
| #3 | <b>.5322389</b> | <b>Z 3271.220</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>3628.684</b> | <b>51255.44</b> | <b>9011.625</b> | <b>3241.080</b> | <b>3093.056</b> |
| Stddev    | 20.411          | 547.94          | 33.938          | 42.370          | 16.083          |
| %RSD      | .5624955        | 1.069032        | .3766014        | 1.307277        | .5199648        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3618.154</b> | <b>51486.25</b> | <b>9029.591</b> | <b>3254.832</b> | <b>3085.252</b> |
| #2 | <b>3615.688</b> | <b>50629.86</b> | <b>9032.803</b> | <b>3193.542</b> | <b>3082.365</b> |
| #3 | <b>3652.210</b> | <b>51650.21</b> | <b>8972.480</b> | <b>3274.865</b> | <b>3111.552</b> |



Sample Name: O3019-01LX5      Acquired: 6/7/2023 16:40:26      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA12053      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002452 | -.001762 | -.000367 | .0007085 | -.000098 | .0262646 | .0794809 |
| Stddev | .0022745 | .001560  | .001442  | .0010960 | .001075  | .0064220 | .0019152 |
| %RSD   | 927.7485 | 88.54213 | 392.5108 | 154.6893 | 1097.882 | 24.45108 | 2.409604 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002753 | -.001744 | -.001956 | -.000456 | -.000895 | .0327497 | .0788719 |
| #2 | .0025045 | -.000211 | .000859  | .000862  | .001125  | .0261363 | .0779442 |
| #3 | -.002044 | -.003330 | -.000005 | .001720  | -.000523 | .0199077 | .0816265 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001840 | -.000172 | 21.85624 | .0007280 | .0029278 | -.003832 | 8.923687 |
| Stddev | .0000516 | .000042  | .00865   | .0001627 | .0001314 | .000525  | .064935  |
| %RSD   | 28.03932 | 24.23906 | .0395701 | 22.34449 | 4.487614 | 13.68580 | .7276651 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001326 | -.000128 | 21.84800 | .0007247 | .0028451 | -.003275 | 8.863080 |
| #2 | .0001836 | -.000211 | 21.86524 | .0005670 | .0028590 | -.004316 | 8.915758 |
| #3 | .0002357 | -.000177 | 21.85548 | .0008923 | .0030793 | -.003906 | 8.992221 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.205077 | 6.202883 | .0008069 | .0016194 | 31.99349 | -.000617 | .1100750 |
| Stddev | .012909  | .016378  | .0004003 | .0003178 | .13573   | .002877  | .0001717 |
| %RSD   | .4027686 | .2640345 | 49.60309 | 19.62232 | .4242563 | 466.5132 | .1560041 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.199147 | 6.186612 | .0011581 | .0014876 | 31.88768 | .002679  | .1102020 |
| #2 | 3.196198 | 6.219365 | .0008917 | .0013886 | 31.94628 | -.002623 | .1098797 |
| #3 | 3.219885 | 6.202673 | .0003711 | .0019818 | 32.14653 | -.001906 | .1101435 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.654179 | .1249717 | -.000019 | -.001115 | .0047881 | 2.391108 | .0011719 |
| Stddev | .035051  | .0019992 | .000162  | .000091  | .0010237 | .005225  | .0012989 |
| %RSD   | 1.320592 | 1.599721 | 852.8200 | 8.142162 | 21.38000 | .2185359 | 110.8377 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.633478 | .1271533 | -.000178 | -.001065 | .0037415 | 2.385566 | .0026298 |
| #2 | 2.694649 | .1245344 | .000146  | -.001059 | .0048355 | 2.395946 | .0007480 |
| #3 | 2.634411 | .1232273 | -.000025 | -.001219 | .0057872 | 2.391812 | .0001379 |

Sample Name: O3019-01LX5      Acquired: 6/7/2023 16:40:26      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA12053      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .4557366 | -.006069 | .1080263 | z ***** |
| Stddev | .0035689 | .001684  | .0004333 | -----   |
| %RSD   | .7831076 | 27.74530 | .4011529 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .4592020 | -.004163 | .1079040 | z 2980.873 |
| #2 | .4520725 | -.007354 | .1076673 | z 2984.387 |
| #3 | .4559352 | -.006691 | .1085077 | z 2989.986 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3830.184 | 55318.00 | 9076.720 | 3494.763 | 3356.943 |
| Stddev    | 13.593   | 141.59   | 33.156   | 13.036   | 11.617   |
| %RSD      | .3548952 | .2559499 | .3652872 | .3730197 | .3460456 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3817.478 | 55161.85 | 9043.939 | 3480.099 | 3345.621 |
| #2 | 3844.517 | 55354.14 | 9075.983 | 3505.038 | 3368.833 |
| #3 | 3828.556 | 55438.01 | 9110.238 | 3499.153 | 3356.374 |

Sample Name: O3019-01MS      Acquired: 6/7/2023 16:44:24      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MH-289MS      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7761397 | 1.784577 | .8966863 | 1.789907 | .7487452 | 1.990510 |
| Stddev | .0024980 | .003633  | .0014179 | .011126  | .0022814 | .044559  |
| %RSD   | .3218427 | .2035629 | .1581266 | .6215787 | .3046922 | 2.238577 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7789598 | 1.786956 | .8950759 | 1.786798 | .7494914 | 1.946802 |
| #2 | .7752539 | 1.780396 | .8972362 | 1.802257 | .7505600 | 2.035874 |
| #3 | .7742054 | 1.786380 | .8977470 | 1.780667 | .7461841 | 1.988855 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5333184 | .1651964 | .1787192 | 101.8876 | .3650986 | .1937708 |
| Stddev | .0144836 | .0026358 | .0002276 | 2.4994   | .0010788 | .0006884 |
| %RSD   | 2.715748 | 1.595542 | .1273418 | 2.453065 | .2954933 | .3552623 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5173340 | .1621860 | .1784612 | 99.0614  | .3643041 | .1932757 |
| #2 | .5455706 | .1670898 | .1788047 | 103.8068 | .3663268 | .1945569 |
| #3 | .5370506 | .1663133 | .1788917 | 102.7947 | .3646648 | .1934799 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2780782 | 45.21346 | 14.54875 | 29.56698 | .4577801 | .0689133 |
| Stddev | .0016827 | .50964   | .35624   | .73705   | .0008584 | .0004941 |
| %RSD   | .6051161 | 1.127197 | 2.448582 | 2.492801 | .1875084 | .7169963 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2790519 | 44.63886 | 14.15231 | 28.72132 | .4573316 | .0688412 |
| #2 | .2761352 | 45.61082 | 14.84201 | 30.07280 | .4572388 | .0694396 |
| #3 | .2790475 | 45.39071 | 14.65193 | 29.90682 | .4587698 | .0684593 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 161.6317 | .2801713 | .6950002 | 23.92461 | .7868934 | .3858108 |
| Stddev | 1.7765   | .0057661 | .0023176 | .29026   | .0133493 | .0004377 |
| %RSD   | 1.099115 | 2.058062 | .3334629 | 1.213225 | 1.696460 | .1134507 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 159.7103 | .2737234 | .6954748 | 23.62727 | .7727259 | .3862172 |
| #2 | 163.2147 | .2848327 | .6970437 | 24.20722 | .7992370 | .3853474 |
| #3 | 161.9702 | .2819579 | .6924820 | 23.93936 | .7887174 | .3858680 |

Sample Name: O3019-01MS      Acquired: 6/7/2023 16:44:24      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MH-289MS      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .6485765 | .1885121 | F 12.47043 | 6.268261 | 2.213213 | .1730058 |
| Stddev | .0008048 | .0034331 | .12833     | .014347  | .001395  | .0064811 |
| %RSD   | .1240948 | 1.821132 | 1.029091   | .2288898 | .0630173 | 3.746185 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6487894 | .1845672 | 12.32251 | 6.252913 | 2.213524 | .1655539 |
| #2 | .6492535 | .1908227 | 12.55207 | 6.281336 | 2.211689 | .1773285 |
| #3 | .6476866 | .1901462 | 12.53671 | 6.270535 | 2.214426 | .1761351 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .6918397 | Z ***** |
| Stddev | .0175763 | -----   |
| %RSD   | 2.540517 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .6726324 | Z 7834.814 |
| #2 | .7071209 | Z 7812.650 |
| #3 | .6957659 | Z 7826.900 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3659.005 | 53444.67 | 9239.320 | 3335.378 | 3097.875 |
| Stddev    | 8.740    | 211.57   | 151.167  | 23.094   | 4.089    |
| %RSD      | .2388550 | .3958732 | 1.636126 | .6923906 | .1319779 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3650.043 | 53602.90 | 9402.972 | 3337.086 | 3094.322 |
| #2 | 3659.469 | 53204.36 | 9104.911 | 3311.478 | 3096.959 |
| #3 | 3667.504 | 53526.76 | 9210.077 | 3357.570 | 3102.343 |

Sample Name: CCV04      Acquired: 6/7/2023 16:52:55      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV20536      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.825339</b> | <b>4.811812</b> | <b>4.689565</b> | <b>4.761755</b> | <b>4.772648</b> | <b>9.635369</b> |
| Stddev | .022860         | .025946         | .020370         | .028506         | .022452         | .156030         |
| %RSD   | .4737572        | .5392121        | .4343770        | .5986465        | .4704337        | 1.619342        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.851266 | 4.837342 | 4.709938 | 4.794603 | 4.798317 | 9.486671 |
| #2 | 4.816668 | 4.812624 | 4.689562 | 4.747172 | 4.756661 | 9.621616 |
| #3 | 4.808082 | 4.785469 | 4.669197 | 4.743492 | 4.762966 | 9.797820 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.30567</b> | <b>.2355128</b> | <b>2.392407</b> | <b>25.76795</b> | <b>.9217577</b> | <b>2.339671</b> |
| Stddev | .14642          | .0017419        | .010338         | .38238          | .0012600        | .010186         |
| %RSD   | 1.420763        | .7396223        | .4321042        | 1.483923        | .1366998        | .4353522        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.15649 | .2342491 | 2.403636 | 25.39285 | .9225644 | 2.350520 |
| #2 | 10.31136 | .2347894 | 2.390299 | 25.75379 | .9224029 | 2.338181 |
| #3 | 10.44916 | .2374999 | 2.383286 | 26.15721 | .9203057 | 2.330312 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.315868</b> | <b>4.927753</b> | <b>2.371367</b> | <b>23.19757</b> | <b>2.393410</b> | <b>1.277019</b> |
| Stddev | .007188         | .057333         | .030933         | .35826          | .009826         | .000649         |
| %RSD   | .5462815        | 1.163481        | 1.304447        | 1.544386        | .4105441        | .0508323        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.323994 | 4.863884 | 2.340285 | 22.82093 | 2.404687 | 1.277751 |
| #2 | 1.313274 | 4.944602 | 2.371667 | 23.23772 | 2.388856 | 1.276791 |
| #3 | 1.310337 | 4.974775 | 2.402150 | 23.53407 | 2.386688 | 1.276515 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>23.42353</b> | <b>2.394584</b> | <b>2.512053</b> | <b>24.19770</b> | <b>4.796133</b> | <b>5.204554</b> |
| Stddev | .18256          | .028763         | .005376         | .19441          | .029518         | .026962         |
| %RSD   | .7793840        | 1.201175        | .2139973        | .8034115        | .6154636        | .5180373        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 23.21459 | 2.374235 | 2.509952 | 23.97325 | 4.771331 | 5.235197 |
| #2 | 23.50378 | 2.382026 | 2.518163 | 24.31307 | 4.788285 | 5.193997 |
| #3 | 23.55222 | 2.427490 | 2.508046 | 24.30679 | 4.828782 | 5.184469 |

Sample Name: CCV04      Acquired: 6/7/2023 16:52:55      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV20536      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 5.135346 | 4.944504 | 5.047050 | 4.857879 | 4.543361 | F 4.326838 |
| Stddev | .027127  | .063205  | .043917  | .019129  | .021745  | .062718    |
| %RSD   | .5282437 | 1.278280 | .8701511 | .3937804 | .4786091 | 1.449506   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.163306 | 4.875541 | 4.997258 | 4.879967 | 4.567629 | 4.262321 |
| #2 | 5.133595 | 4.958301 | 5.063625 | 4.846643 | 4.536805 | 4.330607 |
| #3 | 5.109136 | 4.999671 | 5.080268 | 4.847028 | 4.525648 | 4.387586 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | 4.714751 | z ***** |
| Stddev | .060482  | -----   |
| %RSD   | 1.282828 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | 4.651999 | z 3054.177 |
| #2 | 4.719580 | z 3055.045 |
| #3 | 4.772674 | z 3051.257 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3782.517 | 54890.73 | 9391.592 | 3453.044 | 3211.060 |
| Stddev    | 13.057   | 101.91   | 54.177   | 3.769    | 10.341   |
| %RSD      | .3451951 | .1856524 | .5768721 | .1091581 | .3220507 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3769.984 | 54773.99 | 9422.705 | 3448.913 | 3203.216 |
| #2 | 3781.525 | 54936.29 | 9423.039 | 3453.921 | 3207.185 |
| #3 | 3796.042 | 54961.91 | 9329.034 | 3456.297 | 3222.779 |

Sample Name: CCB04      Acquired: 6/7/2023 16:56:41      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCB20536      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026020 | .0010405 | .0000083 | -.000815 | .0008788 | -.004624 |
| Stddev | .0015360 | .0017002 | .0006947 | .000738  | .0004159 | .002879  |
| %RSD   | 59.02974 | 163.4082 | 8380.015 | 90.53077 | 47.31997 | 62.26893 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0043756 | -.000499 | -.000387 | -.000377 | .0010882 | -.006499 |
| #2 | .0017116 | .000756  | -.000399 | -.001668 | .0003999 | -.006063 |
| #3 | .0017189 | .002865  | .000810  | -.000402 | .0011484 | -.001309 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013414 | .0000103 | -.000037 | -.007222 | -.000098 | -.000240 |
| Stddev | .0016086 | .0000534 | .000051  | .002945  | .000423  | .000048  |
| %RSD   | 119.9240 | 520.1704 | 136.9293 | 40.77681 | 431.9318 | 19.88800 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0009457 | .0000701 | .000016  | -.003952 | -.000586 | -.000267 |
| #2 | -.000033 | -.000033 | -.000042 | -.008050 | .000153  | -.000269 |
| #3 | .003111  | -.000007 | -.000086 | -.009665 | .000139  | -.000185 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001870 | -.004074 | -.000055 | -.011419 | .0003083 | .0009393 |
| Stddev | .0003920 | .005946  | .000228  | .018051  | .0003046 | .0002958 |
| %RSD   | 209.6260 | 145.9478 | 417.5880 | 158.0815 | 98.81102 | 31.49702 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0003722 | .002653  | -.000034 | -.010836 | .0006280 | .0006764 |
| #2 | -.000263 | -.008626 | -.000292 | -.029755 | .0002754 | .0008817 |
| #3 | .000452  | -.006248 | .000162  | .006334  | .0000214 | .0012597 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.692740 | -.002709 | .0001337 | -.020371 | .0115459 | .0021352 |
| Stddev | .012149  | .000244  | .0001538 | .030636  | .0010622 | .0005872 |
| %RSD   | 1.753688 | 9.021546 | 115.0805 | 150.3877 | 9.199390 | 27.50207 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.682579 | -.002454 | .0000551 | -.046526 | .0126654 | .0026628 |
| #2 | -.706196 | -.002941 | .0000350 | -.027922 | .0114199 | .0022403 |
| #3 | -.689444 | -.002730 | .0003109 | .013334  | .0105524 | .0015025 |

Sample Name: CCB04      Acquired: 6/7/2023 16:56:41      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB20536      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                   |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm               |
| Avg    | <b>-.000210</b> | <b>.0044058</b> | <b>.0145949</b> | <b>-.003528</b> | <b>-.003819</b> | <b>F -.011847</b> |
| Stddev | .000561         | .0007106        | .0070874        | .003045         | .000471         | .001489           |
| %RSD   | 266.3796        | 16.12830        | 48.56055        | 86.30801        | 12.33829        | 12.56484          |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000157</b> | <b>.0039123</b> | <b>.0222524</b> | <b>-.000646</b> | <b>-.004313</b> | <b>-.012909</b> |
| #2 | <b>-.000796</b> | <b>.0040849</b> | <b>.0132666</b> | <b>-.003225</b> | <b>-.003375</b> | <b>-.012487</b> |
| #3 | <b>.000322</b>  | <b>.0052203</b> | <b>.0082656</b> | <b>-.006713</b> | <b>-.003769</b> | <b>-.010146</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>-.000095</b> | <b>z *****</b> |
| Stddev | .000048         | -----          |
| %RSD   | 51.05505        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>-.000073</b> | <b>z 2918.915</b> |
| #2 | <b>-.000062</b> | <b>z 2919.080</b> |
| #3 | <b>-.000151</b> | <b>z 2918.530</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>3903.215</b> | <b>56140.86</b> | <b>9174.934</b> | <b>3542.141</b> | <b>3556.716</b> |
| Stddev    | 5.753           | 131.93          | 32.885          | 12.732          | 2.735           |
| %RSD      | .1474031        | .2350070        | .3584192        | .3594415        | .0768957        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3909.522</b> | <b>56002.71</b> | <b>9153.177</b> | <b>3530.750</b> | <b>3555.123</b> |
| #2 | <b>3901.870</b> | <b>56154.32</b> | <b>9158.861</b> | <b>3539.786</b> | <b>3555.150</b> |
| #3 | <b>3898.254</b> | <b>56265.54</b> | <b>9212.764</b> | <b>3555.886</b> | <b>3559.874</b> |



Sample Name: O3019-01MSD      Acquired: 6/7/2023 17:00:44      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MH-289MSD      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7695239</b> | <b>1.782288</b> | <b>.8911559</b> | <b>1.782091</b> | <b>.7459647</b> | <b>2.007980</b> |
| Stddev | .0031889        | .005338         | .0012639        | .001230         | .0005422        | .050284         |
| %RSD   | .4143994        | .2994852        | .1418309        | .0690344        | .0726787        | 2.504205        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7664430 | 1.776644 | .8923902 | 1.782980 | .7453579 | 2.061820 |
| #2 | .7728108 | 1.782965 | .8898642 | 1.782605 | .7464012 | 1.962235 |
| #3 | .7693177 | 1.787255 | .8912132 | 1.780687 | .7461352 | 1.999884 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5348807</b> | <b>.1652521</b> | <b>.1773677</b> | <b>102.5132</b> | <b>.3621001</b> | <b>.1920533</b> |
| Stddev | .0136976        | .0030763        | .0002118        | 1.8945          | .0011285        | .0004075        |
| %RSD   | 2.560866        | 1.861589        | .1194240        | 1.848092        | .3116394        | .2121960        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5505256 | .1687049 | .1772776 | 104.6963 | .3632355 | .1916705 |
| #2 | .5250451 | .1628029 | .1772158 | 101.3002 | .3620861 | .1920077 |
| #3 | .5290715 | .1642486 | .1776096 | 101.5432 | .3609787 | .1924817 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2747605</b> | <b>45.97363</b> | <b>14.71237</b> | <b>29.74521</b> | <b>.4539063</b> | <b>.0686286</b> |
| Stddev | .0020982        | .08754          | .23194          | .49568          | .0002978        | .0002781        |
| %RSD   | .7636647        | .1904070        | 1.576469        | 1.666410        | .0656079        | .4052651        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2729822 | 45.92817 | 14.97982 | 30.31405 | .4542141 | .0688673 |
| #2 | .2742245 | 46.07454 | 14.56656 | 29.40587 | .4536197 | .0686953 |
| #3 | .2770747 | 45.91817 | 14.59072 | 29.51572 | .4538850 | .0683231 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>162.9950</b> | <b>.2829980</b> | <b>.6948612</b> | <b>24.28943</b> | <b>.7939173</b> | <b>.3834643</b> |
| Stddev | .5156           | .0022977        | .0009964        | .04361          | .0144120        | .0006201        |
| %RSD   | .3163376        | .8119067        | .1433958        | .1795480        | 1.815307        | .1617093        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 163.4461 | .2854899 | .6958582 | 24.26238 | .8101682 | .3829494 |
| #2 | 163.1061 | .2809633 | .6938654 | 24.33974 | .7826873 | .3832909 |
| #3 | 162.4330 | .2825407 | .6948600 | 24.26617 | .7888965 | .3841527 |

Sample Name: O3019-01MSD      Acquired: 6/7/2023 17:00:44      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MH-289MSD      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .6459830 | .1890348 | F 12.54566 | 6.212447 | 2.199957 | .1762149 |
| Stddev | .0027954 | .0034007 | .03624     | .012468  | .005239  | .0039539 |
| %RSD   | .4327321 | 1.798966 | .2888944   | .2006988 | .2381317 | 2.243813 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6429498 | .1923831 | 12.53744 | 6.220589 | 2.200752 | .1807796 |
| #2 | .6484555 | .1855841 | 12.58531 | 6.198093 | 2.204754 | .1738510 |
| #3 | .6465438 | .1891373 | 12.51423 | 6.218658 | 2.194367 | .1740142 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .7018808 | Z ***** |
| Stddev | .0119645 | -----   |
| %RSD   | 1.704641 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .7156376 | Z 7814.592 |
| #2 | .6939013 | Z 7799.970 |
| #3 | .6961034 | Z 7830.076 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3701.191 | 53360.49 | 9260.118 | 3365.044 | 3128.071 |
| Stddev    | 7.998    | 160.71   | 162.906  | 9.533    | 7.613    |
| %RSD      | .2160967 | .3011871 | 1.759217 | .2832958 | .2433707 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3702.896 | 53276.98 | 9072.059 | 3355.080 | 3128.461 |
| #2 | 3708.199 | 53258.73 | 9357.840 | 3365.974 | 3135.482 |
| #3 | 3692.478 | 53545.77 | 9350.454 | 3374.078 | 3120.271 |

Sample Name: O3019-01A      Acquired: 6/7/2023 17:04:28      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB12053      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9837777</b> | <b>2.273741</b> | <b>1.139325</b> | <b>2.278037</b> | <b>.9538408</b> | <b>2.459083</b> |
| Stddev | .0724998        | .163545         | .081016         | .166619         | .0719783        | .105115         |
| %RSD   | 7.369528        | 7.192772        | 7.110852        | 7.314137        | 7.546156        | 4.274560        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9464671 | 2.186354 | 1.092251 | 2.187543 | .9138497 | 2.395598 |
| #2 | .9375319 | 2.172454 | 1.092850 | 2.176246 | .9107379 | 2.580415 |
| #3 | 1.067334 | 2.462416 | 1.232873 | 2.470321 | 1.036935 | 2.401235 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5993209</b> | <b>.2096839</b> | <b>.2279714</b> | <b>108.8123</b> | <b>.4500224</b> | <b>.2447910</b> |
| Stddev | .0275734        | .0080959        | .0163000        | 4.5813          | .0020172        | .0174089        |
| %RSD   | 4.600765        | 3.861008        | 7.149996        | 4.210324        | .4482332        | 7.111747        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5776699 | .2053257 | .2185014 | 105.6476 | .4479132 | .2352348 |
| #2 | .6303631 | .2190252 | .2186200 | 114.0658 | .4502213 | .2342531 |
| #3 | .5899298 | .2047006 | .2467928 | 106.7235 | .4519328 | .2648851 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3630379</b> | <b>47.74509</b> | <b>15.71170</b> | <b>32.03569</b> | <b>.5847776</b> | <b>.0842745</b> |
| Stddev | .0325618        | .41966          | .67134          | 1.36129         | .0410100        | .0001176        |
| %RSD   | 8.969262        | .8789580        | 4.272870        | 4.249288        | 7.012927        | .1395081        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3470296 | 47.26420 | 15.25738 | 31.16134 | .5613183 | .0843401 |
| #2 | .3415790 | 47.93380 | 16.48282 | 33.60412 | .5608833 | .0841388 |
| #3 | .4005052 | 48.03726 | 15.39489 | 31.34161 | .6321313 | .0843446 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>169.0137</b> | <b>.3469930</b> | <b>.7574502</b> | <b>27.02018</b> | <b>.9043794</b> | <b>.4921885</b> |
| Stddev | 1.3791          | .0136973        | .0011845        | .24157          | .0364686        | .0357922        |
| %RSD   | .8159585        | 3.947424        | .1563809        | .8940256        | 4.032442        | 7.272046        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 167.6432 | .3373496 | .7587808 | 26.79484 | .8847150 | .4711276 |
| #2 | 168.9967 | .3626715 | .7570592 | 26.99047 | .9464597 | .4719228 |
| #3 | 170.4012 | .3409580 | .7565107 | 27.27522 | .8819634 | .5335152 |

Sample Name: O3019-01A      Acquired: 6/7/2023 17:04:28      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB12053      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .8265476 | .2314507 | F 13.08415 | 8.048968 | 2.412800 | .2272300 |
| Stddev | .0580188 | .0115069 | .12075     | .583329  | .175165  | .0086210 |
| %RSD   | 7.019412 | 4.971624 | .9228551   | 7.247252 | 7.259811 | 3.793972 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7932722 | .2246788 | 12.95674 | 7.687784 | 2.315792 | .2250409 |
| #2 | .7928292 | .2447369 | 13.09880 | 7.737186 | 2.307601 | .2367346 |
| #3 | .8935414 | .2249366 | 13.19690 | 8.721934 | 2.615008 | .2199146 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .7804325 | Z ***** |
| Stddev | .0352209 | -----   |
| %RSD   | 4.512993 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .7567723 | Z 8753.735 |
| #2 | .8209097 | Z 8796.504 |
| #3 | .7636156 | Z 8775.573 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3491.516 | 52403.90 | 8781.663 | 3300.884 | 2951.201 |
| Stddev    | 215.139  | 24.66    | 344.235  | 14.718   | 179.798  |
| %RSD      | 6.161756 | .0470536 | 3.919933 | .4458746 | 6.092380 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3608.362 | 52399.69 | 8945.426 | 3283.889 | 3047.865 |
| #2 | 3622.947 | 52430.39 | 8386.118 | 3309.316 | 3061.990 |
| #3 | 3243.238 | 52381.62 | 9013.443 | 3309.447 | 2743.748 |

Sample Name: PB153213BL      Acquired: 6/7/2023 17:08:09      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: PBW      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000028 | .0023289 | -.000394 | -.001783 | .0015809 | -.008215 | .0073430 |
| Stddev | .001124  | .0005386 | .000156  | .002004  | .0017829 | .007976  | .0027534 |
| %RSD   | 4061.119 | 23.12597 | 39.57740 | 112.3414 | 112.7757 | 97.10028 | 37.49644 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001216  | .0020462 | -.000232 | -.001795 | .0035488 | -.016498 | .0068052 |
| #2 | -.000327 | .0019906 | -.000407 | -.003781 | .0000735 | -.000585 | .0103256 |
| #3 | -.000972 | .0029500 | -.000543 | .000226  | .0011204 | -.007560 | .0048982 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000007 | -.000037 | -.012323 | .0001228 | .0001752 | .0006038 | -.001723 |
| Stddev | .000044  | .000050  | .002279  | .0003988 | .0001174 | .0007118 | .000152  |
| %RSD   | 668.0601 | 135.2710 | 18.49655 | 324.8594 | 66.98192 | 117.8818 | 8.834205 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000014 | -.000048 | -.013638 | .0000152 | .0002146 | .0003203 | -.001589 |
| #2 | .000041  | -.000081 | -.009691 | .0005643 | .0000432 | .0000774 | -.001888 |
| #3 | -.000046 | .000018  | -.013639 | -.000211 | .0002678 | .0014136 | -.001690 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000289 | -.006264 | -.000151 | .0005487 | -.682917 | -.005038 | .0003360 |
| Stddev | .000031  | .008761  | .000182  | .0005870 | .014007  | .000980  | .0002696 |
| %RSD   | 10.62330 | 139.8769 | 120.8508 | 106.9649 | 2.051053 | 19.44845 | 80.21608 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000265 | .003550  | -.000268 | .0011720 | -.688548 | -.005827 | .0003183 |
| #2 | -.000278 | -.013300 | .000059  | .0000065 | -.666970 | -.003942 | .0006140 |
| #3 | -.000324 | -.009041 | -.000243 | .0004678 | -.693231 | -.005347 | .0000758 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.032111 | .0034750 | -.000040 | -.000194 | .0040087 | .0098421 | -.005688 |
| Stddev | .055827  | .0016430 | .000199  | .001098  | .0012762 | .0062551 | .001227  |
| %RSD   | 173.8552 | 47.28033 | 498.2827 | 566.1495 | 31.83671 | 63.55471 | 21.58130 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .007073  | .0045129 | -.000118 | .001058  | .0046584 | .0060783 | -.004645 |
| #2 | -.096033 | .0015807 | -.000188 | -.000995 | .0025383 | .0170627 | -.007040 |
| #3 | -.007374 | .0043315 | .000186  | -.000645 | .0048294 | .0063852 | -.005378 |

Sample Name: PB153213BL      Acquired: 6/7/2023 17:08:09      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: PBW      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.005029</b> | <b>-.009407</b> | <b>-.000009</b> | <b>z *****</b> |
| Stddev | .002508         | .002558         | .000058         | -----          |
| %RSD   | 49.86812        | 27.18802        | 664.6184        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.002172</b> | <b>-.010068</b> | <b>.000040</b>  | <b>z 2995.163</b> |
| #2 | <b>-.006045</b> | <b>-.011569</b> | <b>-.000072</b> | <b>z 2984.157</b> |
| #3 | <b>-.006869</b> | <b>-.006584</b> | <b>.000006</b>  | <b>z 2978.934</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>3952.939</b> | <b>54563.61</b> | <b>8870.649</b> | <b>3500.928</b> | <b>3596.582</b> |
| Stddev    | 12.488          | 1064.33         | 62.919          | 60.047          | 8.222           |
| %RSD      | .3159256        | 1.950627        | .7092989        | 1.715171        | .2286009        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3966.874</b> | <b>54014.09</b> | <b>8809.783</b> | <b>3474.447</b> | <b>3605.752</b> |
| #2 | <b>3949.180</b> | <b>53886.35</b> | <b>8935.438</b> | <b>3458.674</b> | <b>3594.127</b> |
| #3 | <b>3942.761</b> | <b>55790.38</b> | <b>8866.727</b> | <b>3569.663</b> | <b>3589.868</b> |

Sample Name: PB153213BS      Acquired: 6/7/2023 17:12:10      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8165589 | 2.003537 | .9657040 | 1.958070 | .7898123 | 1.943701 | .1854085 |
| Stddev | .0054338 | .015998  | .0045378 | .010142  | .0046386 | .018694  | .0041332 |
| %RSD   | .6654560 | .7984670 | .4698990 | .5179601 | .5873004 | .9617569 | 2.229270 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8131202 | 1.993949 | .9622299 | 1.946372 | .7844670 | 1.946266 | .1889929 |
| #2 | .8137331 | 1.994656 | .9640441 | 1.963437 | .7927800 | 1.923857 | .1808872 |
| #3 | .8228234 | 2.022005 | .9708381 | 1.964400 | .7921900 | 1.960980 | .1863454 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1815116 | .1903746 | .9712481 | .3967263 | .1886853 | .3416012 | 3.310200 |
| Stddev | .0016991 | .0011609 | .0150958 | .0231390 | .0010971 | .0019276 | .170379  |
| %RSD   | .9360632 | .6097773 | 1.554266 | 5.832475 | .5814306 | .5642991 | 5.147080 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1815775 | .1894290 | .9638386 | .3831881 | .1877964 | .3393884 | 3.208852 |
| #2 | .1797805 | .1900247 | .9612889 | .3835467 | .1883481 | .3424990 | 3.214841 |
| #3 | .1831768 | .1916702 | .9886170 | .4234440 | .1899114 | .3429162 | 3.506906 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2082864 | 1.907246 | .4851951 | .0729473 | 2.881440 | .2949515 | .2200744 |
| Stddev | .0021109 | .019325  | .0030000 | .0041490 | .195480  | .0036058 | .0120692 |
| %RSD   | 1.013439 | 1.013219 | .6183142 | 5.687618 | 6.784099 | 1.222491 | 5.484157 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2078859 | 1.929281 | .4833227 | .0705779 | 2.764373 | .2960852 | .2127966 |
| #2 | .2064045 | 1.899277 | .4836073 | .0705260 | 2.772840 | .2909151 | .2134206 |
| #3 | .2105689 | 1.893180 | .4886553 | .0777380 | 3.107108 | .2978541 | .2340061 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.66244 | .2757463 | .4017704 | .6696418 | .1951499 | .9058027 | 6.060153 |
| Stddev | .51865   | .0020514 | .0021622 | .0034147 | .0023754 | .0318733 | .018793  |
| %RSD   | 4.864304 | .7439388 | .5381624 | .5099276 | 1.217198 | 3.518793 | .3101069 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.39437 | .2743770 | .4002247 | .6669664 | .1954604 | .9061513 | 6.041670 |
| #2 | 10.33268 | .2747570 | .4008452 | .6684711 | .1926345 | .8737565 | 6.059548 |
| #3 | 11.26027 | .2781048 | .4042412 | .6734878 | .1973547 | .9375003 | 6.079241 |

Sample Name: PB153213BS      Acquired: 6/7/2023 17:12:10      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 9.484997 | .1806992 | .2114908 | z ***** |
| Stddev | .044041  | .0034994 | .0015623 | -----   |
| %RSD   | .4643177 | 1.936607 | .7387113 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 9.452644 | .1841279 | .2120920 | z 8152.839 |
| #2 | 9.467196 | .1771331 | .2097172 | z 8203.069 |
| #3 | 9.535152 | .1808367 | .2126632 | z 8231.214 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3886.190 | 55062.75 | 9451.724 | 3481.810 | 3498.193 |
| Stddev    | 17.460   | 2747.79  | 53.430   | 159.602  | 13.706   |
| %RSD      | .4492736 | 4.990294 | .5652963 | 4.583877 | .3918122 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3901.626 | 56533.91 | 9422.883 | 3567.007 | 3507.137 |
| #2 | 3889.701 | 56761.73 | 9513.377 | 3580.734 | 3505.028 |
| #3 | 3867.241 | 51892.59 | 9418.911 | 3297.688 | 3482.413 |



Sample Name: O2945-08      Acquired: 6/7/2023 17:23:53      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0081651 | -.005512 | .0384525 | -.014220 | .0036862 | 64.01200 |
| Stddev | .0043408 | .001850  | .0013460 | .001543  | .0003378 | .99608   |
| %RSD   | 53.16312 | 33.55420 | 3.500390 | 10.84928 | 9.162975 | 1.556081 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0096262 | -.006404 | .0368990 | -.015247 | .0038790 | 62.93284 |
| #2 | .0115869 | -.006747 | .0391898 | -.014968 | .0032962 | 64.20699 |
| #3 | .0032823 | -.003386 | .0392688 | -.012446 | .0038834 | 64.89616 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5213125 | .0025227 | -.001049 | 100.8438 | .1120669 | .0487387 |
| Stddev | .0095726 | .0000392 | .000147  | 1.5560   | .0002996 | .0000864 |
| %RSD   | 1.836245 | 1.555047 | 14.03053 | 1.542998 | .2673314 | .1773126 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5121887 | .0024967 | -.000884 | 99.1936  | .1121686 | .0487367 |
| #2 | .5204706 | .0025678 | -.001167 | 101.0536 | .1117297 | .0488260 |
| #3 | .5312782 | .0025036 | -.001097 | 102.2843 | .1123024 | .0486532 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0370852 | 111.2663 | 9.890089 | 26.65900 | .1818839 | .0051193 |
| Stddev | .0015866 | .7900    | .144306  | .37870   | .0006217 | .0002736 |
| %RSD   | 4.278200 | .7099936 | 1.459092 | 1.420526 | .3417881 | 5.343587 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0385897 | 110.5246 | 9.736352 | 26.25846 | .1819809 | .0048046 |
| #2 | .0372381 | 111.1773 | 9.911302 | 26.70733 | .1812194 | .0052529 |
| #3 | .0354277 | 112.0971 | 10.02261 | 27.01122 | .1824513 | .0053003 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 822.9516 | .1450555 | .1686058 | 20.10757 | .2484743 | .0018421 |
| Stddev | 2.0973   | .0039074 | .0002902 | .14978   | .0028054 | .0000785 |
| %RSD   | .2548551 | 2.693710 | .1721023 | .7448890 | 1.129033 | 4.262642 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 821.1369 | .1406790 | .1682932 | 19.97034 | .2463482 | .0018926 |
| #2 | 825.2478 | .1462938 | .1688666 | 20.08502 | .2474208 | .0017517 |
| #3 | 822.4702 | .1481937 | .1686576 | 20.26734 | .2516539 | .0018822 |

Sample Name: O2945-08      Acquired: 6/7/2023 17:23:53      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0167997 | 3.979028 | F 63.92989 | 2.157951 | 6.682532 | .0041251 |
| Stddev | .0006580 | .057354  | .89507     | .007205  | .026556  | .0023169 |
| %RSD   | 3.917016 | 1.441412 | 1.400078   | .3338809 | .3973984 | 56.16659 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0172243 | 3.915910 | 63.09246 | 2.154166 | 6.657111 | .0015677 |
| #2 | .0160417 | 3.993220 | 63.82403 | 2.166260 | 6.680393 | .0060841 |
| #3 | .0171332 | 4.027953 | 64.87319 | 2.153428 | 6.710094 | .0047237 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .8524846 | Z ***** |
| Stddev | .0135261 | -----   |
| %RSD   | 1.586665 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .8385251 | Z 3974.805 |
| #2 | .8533979 | Z 3981.149 |
| #3 | .8655309 | Z 3969.460 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3745.873 | 53843.72 | 10115.16 | 3381.360 | 2804.264 |
| Stddev    | 9.057    | 82.42    | 93.43    | 7.987    | 7.883    |
| %RSD      | .2417739 | .1530718 | .9236929 | .2362067 | .2811119 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3736.252 | 53867.60 | 10219.32 | 3390.491 | 2795.164 |
| #2 | 3747.134 | 53911.57 | 10087.39 | 3375.673 | 2808.636 |
| #3 | 3754.233 | 53752.00 | 10038.75 | 3377.914 | 2808.993 |

Sample Name: O3037-01      Acquired: 6/7/2023 17:27:52      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MW-1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000404</b> | <b>-.001242</b> | <b>.0020744</b> | <b>.0034938</b> | <b>-.000415</b> | <b>.1526923</b> |
| Stddev | .001683         | .002234         | .0000734        | .0007263        | .000309         | .0059902        |
| %RSD   | 416.4917        | 179.8070        | 3.539800        | 20.78763        | 74.41164        | 3.923084        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .001029  | -.002774 | .0021197 | .0035844 | -.000205 | .1591425 |
| #2 | .000016  | .001321  | .0019896 | .0041705 | -.000271 | .1516304 |
| #3 | -.002258 | -.002274 | .0021138 | .0027265 | -.000769 | .1473040 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0828779</b> | <b>-.000077</b> | <b>.0014202</b> | <b>53.35539</b> | <b>.0062849</b> | <b>.0004185</b> |
| Stddev | .0024703        | .000033         | .0000427        | .53785          | .0004215        | .0001648        |
| %RSD   | 2.980673        | 43.00652        | 3.009746        | 1.008050        | 6.707267        | 39.36963        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0817025 | -.000101 | .0013715 | 52.83909 | .0066357 | .0005838 |
| #2 | .0812147 | -.000092 | .0014373 | 53.31462 | .0064017 | .0004176 |
| #3 | .0857164 | -.000039 | .0014517 | 53.91246 | .0058172 | .0002542 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0096361</b> | <b>1.066986</b> | <b>.1631470</b> | <b>9.146768</b> | <b>.0106028</b> | <b>.0012258</b> |
| Stddev | .0001526        | .010596         | .0017729        | .149838         | .0004870        | .0003182        |
| %RSD   | 1.583519        | .9930833        | 1.086678        | 1.638152        | 4.592814        | 25.95935        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0097958 | 1.059994 | .1619333 | 9.008645 | .0106597 | .0009089 |
| #2 | .0096209 | 1.079177 | .1623262 | 9.125592 | .0110588 | .0015453 |
| #3 | .0094917 | 1.061787 | .1651816 | 9.306068 | .0100899 | .0012231 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>173.7239</b> | <b>.0015379</b> | <b>.2779095</b> | <b>9.829902</b> | <b>.0848109</b> | <b>.0011691</b> |
| Stddev | .5343           | .0017143        | .0009079        | .053365         | .0012147        | .0001976        |
| %RSD   | .3075436        | 111.4732        | .3267024        | .5428834        | 1.432254        | 16.90301        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 173.5028 | .0034117 | .2789557 | 9.783772 | .0862020 | .0010106 |
| #2 | 173.3356 | .0011534 | .2773274 | 9.888348 | .0839599 | .0011062 |
| #3 | 174.3332 | .0000484 | .2774454 | 9.817585 | .0842708 | .0013905 |

Sample Name: O3037-01      Acquired: 6/7/2023 17:27:52      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: MW-1      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                   |                 |                   |                 |
|--------|-----------------|-----------------|-------------------|-----------------|-------------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820            | Li6707          |
| Units  | ppm             | ppm             | ppm               | ppm             | ppm               | ppm             |
| Avg    | <b>-.000775</b> | <b>.0058609</b> | <b>F 18.97551</b> | <b>.0509159</b> | <b>F 27.28415</b> | <b>-.003470</b> |
| Stddev | .000587         | .0006650        | .05316            | .0024069        | .34024            | .002510         |
| %RSD   | 75.82096        | 11.34716        | .2801391          | 4.727233        | 1.247035          | 72.32266        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000139</b> | <b>.0061833</b> | <b>18.92162</b> | <b>.0488934</b> | <b>27.67698</b> | <b>-.003845</b> |
| #2 | <b>-.000888</b> | <b>.0063032</b> | <b>18.97701</b> | <b>.0502764</b> | <b>27.08241</b> | <b>-.000794</b> |
| #3 | <b>-.001297</b> | <b>.0050961</b> | <b>19.02791</b> | <b>.0535780</b> | <b>27.09306</b> | <b>-.005771</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>.2898756</b> | <b>Z *****</b> |
| Stddev | .0024390        | -----          |
| %RSD   | .8413779        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>.2873851</b> | <b>Z 2926.932</b> |
| #2 | <b>.2899820</b> | <b>Z 2935.291</b> |
| #3 | <b>.2922596</b> | <b>Z 2946.731</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>3773.088</b> | <b>54839.53</b> | <b>9887.075</b> | <b>3404.215</b> | <b>3264.383</b> |
| Stddev    | 47.006          | 84.83           | 51.110          | 9.887           | 42.874          |
| %RSD      | 1.245833        | .1546869        | .5169342        | .2904218        | 1.313389        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3719.307</b> | <b>54745.71</b> | <b>9939.309</b> | <b>3393.392</b> | <b>3215.069</b> |
| #2 | <b>3806.329</b> | <b>54862.07</b> | <b>9884.746</b> | <b>3406.481</b> | <b>3292.818</b> |
| #3 | <b>3793.628</b> | <b>54910.81</b> | <b>9837.169</b> | <b>3412.772</b> | <b>3285.262</b> |

Sample Name: O3037-02      Acquired: 6/7/2023 17:31:48      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MW-1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000519</b> | <b>.0003187</b> | <b>.0004253</b> | <b>.0025133</b> | <b>.0007926</b> | <b>.0893660</b> |
| Stddev | .000665         | .0005311        | .0011193        | .0002675        | .0011604        | .0040456        |
| %RSD   | 128.1076        | 166.6459        | 263.1878        | 10.64391        | 146.4077        | 4.527024        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001080</b> | <b>.0000255</b> | <b>-.000687</b> | <b>.0028219</b> | <b>.0020736</b> | <b>.0935051</b> |
| #2 | <b>-.000693</b> | <b>.0009317</b> | <b>.001552</b>  | <b>.0023714</b> | <b>.0004923</b> | <b>.0891721</b> |
| #3 | <b>.000216</b>  | <b>-.000001</b> | <b>.000411</b>  | <b>.0023467</b> | <b>-.000188</b> | <b>.0854209</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0951943</b> | <b>-.000061</b> | <b>.0007853</b> | <b>58.10719</b> | <b>.0049873</b> | <b>.0005689</b> |
| Stddev | .0050838        | .000019         | .0000438        | 1.01958         | .0000451        | .0002564        |
| %RSD   | 5.340429        | 30.76352        | 5.575855        | 1.754656        | .9043180        | 45.07602        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0988923</b> | <b>-.000082</b> | <b>.0007675</b> | <b>58.46055</b> | <b>.0049587</b> | <b>.0004955</b> |
| #2 | <b>.0893971</b> | <b>-.000047</b> | <b>.0008351</b> | <b>56.95794</b> | <b>.0050393</b> | <b>.0003571</b> |
| #3 | <b>.0972935</b> | <b>-.000053</b> | <b>.0007531</b> | <b>58.90309</b> | <b>.0049639</b> | <b>.0008540</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0061231</b> | <b>.9690793</b> | <b>.1742558</b> | <b>10.01212</b> | <b>.0116215</b> | <b>.0012293</b> |
| Stddev | .0003152        | .0112909        | .0037780        | .20236          | .0002060        | .0004097        |
| %RSD   | 5.147252        | 1.165114        | 2.168047        | 2.021166        | 1.772533        | 33.32463        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0064364</b> | <b>.9560702</b> | <b>.1752146</b> | <b>10.05180</b> | <b>.0117704</b> | <b>.0015299</b> |
| #2 | <b>.0061269</b> | <b>.9763307</b> | <b>.1700908</b> | <b>9.79286</b>  | <b>.0113864</b> | <b>.0007627</b> |
| #3 | <b>.0058061</b> | <b>.9748369</b> | <b>.1774620</b> | <b>10.19170</b> | <b>.0117077</b> | <b>.0013953</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>189.1013</b> | <b>.0006227</b> | <b>.3029089</b> | <b>10.66123</b> | <b>.0961412</b> | <b>.0012939</b> |
| Stddev | 1.2251          | .0011217        | .0012167        | .06663          | .0015909        | .0002511        |
| %RSD   | .6478623        | 180.1339        | .4016720        | .6249466        | 1.654720        | 19.40334        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>187.7474</b> | <b>-.000465</b> | <b>.3043006</b> | <b>10.58508</b> | <b>.0960596</b> | <b>.0010233</b> |
| #2 | <b>190.1333</b> | <b>.001776</b>  | <b>.3020466</b> | <b>10.70882</b> | <b>.0945928</b> | <b>.0013389</b> |
| #3 | <b>189.4234</b> | <b>.000557</b>  | <b>.3023794</b> | <b>10.68978</b> | <b>.0977714</b> | <b>.0015193</b> |

Sample Name: O3037-02      Acquired: 6/7/2023 17:31:48      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MW-1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                   |                 |                   |                 |
|--------|-----------------|-----------------|-------------------|-----------------|-------------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820            | Li6707          |
| Units  | ppm             | ppm             | ppm               | ppm             | ppm               | ppm             |
| Avg    | <b>-.001225</b> | <b>.0044832</b> | <b>F 20.38312</b> | <b>.0331484</b> | <b>F 30.01062</b> | <b>-.003325</b> |
| Stddev | .000054         | .0011611        | .19905            | .0067177        | .06071            | .002065         |
| %RSD   | 4.431882        | 25.89830        | .9765397          | 20.26551        | .2023008          | 62.10200        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001164</b> | <b>.0050987</b> | <b>20.15360</b> | <b>.0404394</b> | <b>30.02845</b> | <b>-.005564</b> |
| #2 | <b>-.001243</b> | <b>.0052071</b> | <b>20.50845</b> | <b>.0272099</b> | <b>30.06042</b> | <b>-.002913</b> |
| #3 | <b>-.001268</b> | <b>.0031440</b> | <b>20.48730</b> | <b>.0317959</b> | <b>29.94299</b> | <b>-.001497</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>.3130876</b> | <b>z *****</b> |
| Stddev | .0063001        | -----          |
| %RSD   | 2.012234        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>.3159865</b> | <b>z 3057.496</b> |
| #2 | <b>.3058599</b> | <b>z 3063.611</b> |
| #3 | <b>.3174164</b> | <b>z 3080.338</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>3727.236</b> | <b>53728.05</b> | <b>9582.138</b> | <b>3367.786</b> | <b>3212.449</b> |
| Stddev    | 16.338          | 188.12          | 178.657         | 4.877           | 12.037          |
| %RSD      | .4383497        | .3501410        | 1.864476        | .1448140        | .3746856        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3715.595</b> | <b>53909.32</b> | <b>9479.794</b> | <b>3368.312</b> | <b>3203.103</b> |
| #2 | <b>3720.201</b> | <b>53533.75</b> | <b>9788.431</b> | <b>3362.667</b> | <b>3208.213</b> |
| #3 | <b>3745.914</b> | <b>53741.08</b> | <b>9478.189</b> | <b>3372.379</b> | <b>3226.031</b> |

Sample Name: O3037-03      Acquired: 6/7/2023 17:35:44      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MW-3      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001456</b> | <b>-.000218</b> | <b>.0010050</b> | <b>.0003390</b> | <b>.0024397</b> | <b>.0322535</b> |
| Stddev | .004508         | .001757         | .0014113        | .0029673        | .0027536        | .0107629        |
| %RSD   | 309.5082        | 807.7328        | 140.4260        | 875.4236        | 112.8640        | 33.36973        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .001924  | -.002242 | .0009352 | -.002541 | .0054244 | .0445507 |
| #2 | .000281  | .000679  | .0024499 | .000171  | -.000002 | .0276621 |
| #3 | -.006574 | .000910  | -.000370 | .003387  | .001897  | .0245478 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2710156</b> | <b>-.000062</b> | <b>.0003824</b> | <b>258.1986</b> | <b>.0060536</b> | <b>.0004987</b> |
| Stddev | .0028038        | .000036         | .0000588        | .8043           | .0000953        | .0001523        |
| %RSD   | 1.034549        | 57.41397        | 15.37490        | .3115014        | 1.574535        | 30.53960        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2722428 | -.000103 | .0003496 | 257.7380 | .0061550 | .0006114 |
| #2 | .2729965 | -.000051 | .0004502 | 259.1273 | .0060399 | .0005593 |
| #3 | .2678074 | -.000033 | .0003473 | 257.7304 | .0059659 | .0003254 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0048882</b> | <b>.0759385</b> | <b>.1272705</b> | <b>32.05353</b> | <b>.0036392</b> | <b>.0005213</b> |
| Stddev | .0012520        | .0045055        | .0010985        | .10438          | .0000691        | .0006135        |
| %RSD   | 25.61229        | 5.933075        | .8631391        | .3256466        | 1.899838        | 117.6977        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0044827 | .0760261 | .1270786 | 31.96377 | .0037178 | .0007011 |
| #2 | .0038892 | .0803995 | .1284523 | 32.16807 | .0035876 | .0010248 |
| #3 | .0062926 | .0713898 | .1262806 | 32.02875 | .0036123 | -.000162 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>256.3105</b> | <b>-.000819</b> | <b>.0393010</b> | <b>32.11619</b> | <b>.8321548</b> | <b>.0098110</b> |
| Stddev | 1.7233          | .001966         | .0004452        | .22077          | .0040474        | .0002618        |
| %RSD   | .6723581        | 240.0929        | 1.132753        | .6873995        | .4863765        | 2.668568        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 257.9897 | .001029  | .0397689 | 32.33153 | .8364766 | .0095277 |
| #2 | 254.5462 | -.000600 | .0392512 | 32.12668 | .8284534 | .0098612 |
| #3 | 256.3957 | -.002886 | .0388828 | 31.89037 | .8315343 | .0100440 |

Sample Name: O3037-03      Acquired: 6/7/2023 17:35:44      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MW-3      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                   |                 |                   |                 |
|--------|-----------------|-----------------|-------------------|-----------------|-------------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820            | Li6707          |
| Units  | ppm             | ppm             | ppm               | ppm             | ppm               | ppm             |
| Avg    | <b>-.003453</b> | <b>-.000183</b> | <b>F 20.21404</b> | <b>.0083939</b> | <b>F 50.89306</b> | <b>.0207421</b> |
| Stddev | .000404         | .001983         | .06881            | .0027183        | .54379            | .0030640        |
| %RSD   | 11.69905        | 1081.222        | .3404173          | 32.38427        | 1.068497          | 14.77166        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003518</b> | <b>.001644</b>  | <b>20.28587</b> | <b>.0063864</b> | <b>50.26894</b> | <b>.0242735</b> |
| #2 | <b>-.003020</b> | <b>.000098</b>  | <b>20.20753</b> | <b>.0073080</b> | <b>51.14547</b> | <b>.0191631</b> |
| #3 | <b>-.003821</b> | <b>-.002292</b> | <b>20.14871</b> | <b>.0114873</b> | <b>51.26478</b> | <b>.0187898</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>1.174568</b> | <b>z *****</b> |
| Stddev | .006154         | -----          |
| %RSD   | .5239212        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>1.174753</b> | <b>z 3239.721</b> |
| #2 | <b>1.180628</b> | <b>z 3241.853</b> |
| #3 | <b>1.168324</b> | <b>z 3254.799</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>3573.055</b> | <b>52581.49</b> | <b>9124.025</b> | <b>3263.888</b> | <b>3026.272</b> |
| Stddev    | 28.899          | 500.91          | 40.382          | 37.853          | 25.482          |
| %RSD      | .8088053        | .9526354        | .4425867        | 1.159754        | .8420109        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3606.359</b> | <b>52003.11</b> | <b>9079.006</b> | <b>3221.732</b> | <b>3055.566</b> |
| #2 | <b>3558.225</b> | <b>52875.59</b> | <b>9136.013</b> | <b>3274.965</b> | <b>3014.011</b> |
| #3 | <b>3554.582</b> | <b>52865.76</b> | <b>9157.055</b> | <b>3294.966</b> | <b>3009.237</b> |



Sample Name: O3037-04      Acquired: 6/7/2023 17:39:50      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MW-3      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002697</b> | <b>-.001468</b> | <b>.0014745</b> | <b>-.001422</b> | <b>.0007673</b> | <b>.0421022</b> |
| Stddev | .000121         | .001487         | .0021233        | .000834         | .0007173        | .0028453        |
| %RSD   | 4.471761        | 101.2872        | 144.0010        | 58.65593        | 93.47797        | 6.758017        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002648</b> | <b>-.002705</b> | <b>-.000815</b> | <b>-.002130</b> | <b>.0015906</b> | <b>.0449896</b> |
| #2 | <b>-.002834</b> | <b>.000182</b>  | <b>.001861</b>  | <b>-.001632</b> | <b>.0002774</b> | <b>.0393010</b> |
| #3 | <b>-.002608</b> | <b>-.001883</b> | <b>.003378</b>  | <b>-.000503</b> | <b>.0004339</b> | <b>.0420159</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2590202</b> | <b>-.000090</b> | <b>.0003002</b> | <b>248.9943</b> | <b>.0046785</b> | <b>.0003383</b> |
| Stddev | .0016404        | .000015         | .0000338        | 1.8175          | .0000492        | .0002932        |
| %RSD   | .6332929        | 16.48112        | 11.26170        | .7299445        | 1.050649        | 86.66711        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2582048</b> | <b>-.000090</b> | <b>.0002783</b> | <b>247.0763</b> | <b>.0046461</b> | <b>.0006742</b> |
| #2 | <b>.2579473</b> | <b>-.000075</b> | <b>.0002832</b> | <b>249.2154</b> | <b>.0046542</b> | <b>.0002070</b> |
| #3 | <b>.2609085</b> | <b>-.000104</b> | <b>.0003391</b> | <b>250.6912</b> | <b>.0047350</b> | <b>.0001337</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0047473</b> | <b>.0679519</b> | <b>.1238853</b> | <b>30.87778</b> | <b>.0042935</b> | <b>.0005506</b> |
| Stddev | .0003956        | .0042735        | .0007414        | .28394          | .0003330        | .0002224        |
| %RSD   | 8.332176        | 6.289042        | .5984249        | .9195453        | 7.755003        | 40.39247        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0046486</b> | <b>.0715488</b> | <b>.1230942</b> | <b>30.57957</b> | <b>.0040611</b> | <b>.0004260</b> |
| #2 | <b>.0051829</b> | <b>.0632277</b> | <b>.1239976</b> | <b>30.90887</b> | <b>.0041445</b> | <b>.0004185</b> |
| #3 | <b>.0044105</b> | <b>.0690791</b> | <b>.1245641</b> | <b>31.14489</b> | <b>.0046749</b> | <b>.0008074</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>254.0417</b> | <b>-.000157</b> | <b>.0381327</b> | <b>32.14912</b> | <b>.7920249</b> | <b>.0095504</b> |
| Stddev | 3.8274          | .002765         | .0002708        | .24393          | .0025164        | .0001324        |
| %RSD   | 1.506606        | 1764.229        | .7100774        | .7587582        | .3177149        | 1.386832        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>250.9009</b> | <b>-.002295</b> | <b>.0384316</b> | <b>31.95068</b> | <b>.7934823</b> | <b>.0094706</b> |
| #2 | <b>252.9194</b> | <b>.002966</b>  | <b>.0379037</b> | <b>32.07523</b> | <b>.7891192</b> | <b>.0094773</b> |
| #3 | <b>258.3048</b> | <b>-.001141</b> | <b>.0380628</b> | <b>32.42146</b> | <b>.7934731</b> | <b>.0097033</b> |

Sample Name: O3037-04      Acquired: 6/7/2023 17:39:50      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MW-3      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                   |                 |                   |                 |
|--------|-----------------|-----------------|-------------------|-----------------|-------------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820            | Li6707          |
| Units  | ppm             | ppm             | ppm               | ppm             | ppm               | ppm             |
| Avg    | <b>-.002690</b> | <b>-.002673</b> | <b>F 20.36158</b> | <b>.0051809</b> | <b>F 49.44039</b> | <b>.0154866</b> |
| Stddev | .001059         | .001449         | .17236            | .0012299        | .34149            | .0021132        |
| %RSD   | 39.36137        | 54.20731        | .8465033          | 23.73987        | .6907010          | 13.64540        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001593</b> | <b>-.001137</b> | <b>20.21441</b> | <b>.0041006</b> | <b>49.04816</b> | <b>.0169872</b> |
| #2 | <b>-.003706</b> | <b>-.004016</b> | <b>20.31915</b> | <b>.0065194</b> | <b>49.60137</b> | <b>.0130699</b> |
| #3 | <b>-.002771</b> | <b>-.002865</b> | <b>20.55120</b> | <b>.0049226</b> | <b>49.67162</b> | <b>.0164026</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>1.128413</b> | <b>z *****</b> |
| Stddev | .005401         | -----          |
| %RSD   | .4786129        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>1.124048</b> | <b>z 3335.229</b> |
| #2 | <b>1.126737</b> | <b>z 3345.571</b> |
| #3 | <b>1.134453</b> | <b>z 3353.429</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>3603.831</b> | <b>51923.06</b> | <b>9498.487</b> | <b>3245.972</b> | <b>3048.850</b> |
| Stddev    | 14.592          | 332.94          | 29.315          | 12.193          | 10.672          |
| %RSD      | .4049136        | .6412256        | .3086291        | .3756378        | .3500370        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3619.419</b> | <b>51994.84</b> | <b>9499.001</b> | <b>3244.985</b> | <b>3059.923</b> |
| #2 | <b>3590.496</b> | <b>52214.26</b> | <b>9527.542</b> | <b>3258.629</b> | <b>3038.630</b> |
| #3 | <b>3601.579</b> | <b>51560.08</b> | <b>9468.918</b> | <b>3234.303</b> | <b>3047.997</b> |

Sample Name: O3037-05      Acquired: 6/7/2023 17:43:56      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MW-4      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002438</b> | <b>-.001750</b> | <b>.0025371</b> | <b>-.000282</b> | <b>.0023786</b> | <b>.0295374</b> |
| Stddev | .002453         | .000609         | .0003676        | .001861         | .0021418        | .0054382        |
| %RSD   | 100.6381        | 34.81356        | 14.48944        | 660.4420        | 90.04400        | 18.41103        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.005243</b> | <b>-.002220</b> | <b>.0028820</b> | <b>.000851</b>  | <b>.0028331</b> | <b>.0283327</b> |
| #2 | <b>-.001378</b> | <b>-.001062</b> | <b>.0025790</b> | <b>-.002429</b> | <b>.0042566</b> | <b>.0248027</b> |
| #3 | <b>-.000692</b> | <b>-.001969</b> | <b>.0021504</b> | <b>.000733</b>  | <b>.0000460</b> | <b>.0354769</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2437464</b> | <b>-.000055</b> | <b>.0002945</b> | <b>236.9715</b> | <b>.0067052</b> | <b>.0004621</b> |
| Stddev | .0006975        | .000071         | .0000460        | .6285           | .0002998        | .0001031        |
| %RSD   | .2861729        | 129.5494        | 15.62470        | .2652114        | 4.471321        | 22.30383        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2443342</b> | <b>-.000077</b> | <b>.0002510</b> | <b>236.2990</b> | <b>.0066718</b> | <b>.0003433</b> |
| #2 | <b>.2429756</b> | <b>-.000112</b> | <b>.0003426</b> | <b>237.0715</b> | <b>.0070203</b> | <b>.0005156</b> |
| #3 | <b>.2439294</b> | <b>.000025</b>  | <b>.0002898</b> | <b>237.5440</b> | <b>.0064235</b> | <b>.0005274</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0042086</b> | <b>.0552173</b> | <b>.1190137</b> | <b>29.26560</b> | <b>.0036126</b> | <b>.0006575</b> |
| Stddev | .0001753        | .0043402        | .0005226        | .08753          | .0003058        | .0003923        |
| %RSD   | 4.165637        | 7.860157        | .4391022        | .2990904        | 8.463558        | 59.67077        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0042599</b> | <b>.0563325</b> | <b>.1190932</b> | <b>29.19912</b> | <b>.0032668</b> | <b>.0007056</b> |
| #2 | <b>.0040134</b> | <b>.0588911</b> | <b>.1194920</b> | <b>29.23290</b> | <b>.0037243</b> | <b>.0002433</b> |
| #3 | <b>.0043526</b> | <b>.0504284</b> | <b>.1184559</b> | <b>29.36477</b> | <b>.0038469</b> | <b>.0010236</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>245.5743</b> | <b>-.001802</b> | <b>.0363560</b> | <b>30.99726</b> | <b>.7465985</b> | <b>.0092285</b> |
| Stddev | 3.0483          | .001064         | .0000397        | .07767          | .0020832        | .0000522        |
| %RSD   | 1.241282        | 59.06472        | .1091740        | .2505798        | .2790217        | .5650537        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>243.1315</b> | <b>-.002991</b> | <b>.0363106</b> | <b>30.91364</b> | <b>.7483784</b> | <b>.0092679</b> |
| #2 | <b>244.6011</b> | <b>-.000940</b> | <b>.0363732</b> | <b>31.01099</b> | <b>.7443073</b> | <b>.0092482</b> |
| #3 | <b>248.9904</b> | <b>-.001473</b> | <b>.0363842</b> | <b>31.06715</b> | <b>.7471098</b> | <b>.0091694</b> |

Sample Name: O3037-05      Acquired: 6/7/2023 17:43:56      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MW-4      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                   |                 |                   |                 |
|--------|-----------------|-----------------|-------------------|-----------------|-------------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820            | Li6707          |
| Units  | ppm             | ppm             | ppm               | ppm             | ppm               | ppm             |
| Avg    | <b>-.002624</b> | <b>-.004239</b> | <b>F 19.61444</b> | <b>.0174110</b> | <b>F 47.04727</b> | <b>.0140628</b> |
| Stddev | .001100         | .000578         | .02111            | .0013283        | .45137            | .0025652        |
| %RSD   | 41.92578        | 13.63021        | .1076014          | 7.628808        | .9593997          | 18.24117        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002417</b> | <b>-.003784</b> | <b>19.61021</b> | <b>.0184755</b> | <b>46.62848</b> | <b>.0115828</b> |
| #2 | <b>-.001642</b> | <b>-.004044</b> | <b>19.59577</b> | <b>.0178350</b> | <b>47.52536</b> | <b>.0167054</b> |
| #3 | <b>-.003812</b> | <b>-.004889</b> | <b>19.63734</b> | <b>.0159225</b> | <b>46.98797</b> | <b>.0139001</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>1.078098</b> | <b>Z *****</b> |
| Stddev | .003195         | -----          |
| %RSD   | .2963502        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>1.074449</b> | <b>Z 3356.836</b> |
| #2 | <b>1.079451</b> | <b>Z 3333.567</b> |
| #3 | <b>1.080393</b> | <b>Z 3345.621</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>3651.557</b> | <b>52676.76</b> | <b>9781.839</b> | <b>3303.541</b> | <b>3101.657</b> |
| Stddev    | 30.286          | 109.72          | 22.757          | 3.064           | 25.400          |
| %RSD      | .8293989        | .2082984        | .2326422        | .0927505        | .8189102        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3677.565</b> | <b>52578.01</b> | <b>9767.775</b> | <b>3304.266</b> | <b>3122.405</b> |
| #2 | <b>3618.306</b> | <b>52794.88</b> | <b>9808.094</b> | <b>3306.177</b> | <b>3073.330</b> |
| #3 | <b>3658.799</b> | <b>52657.38</b> | <b>9769.648</b> | <b>3300.180</b> | <b>3109.235</b> |

Sample Name: CCV05      Acquired: 6/7/2023 17:48:02      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV20535      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.909536</b> | <b>4.874834</b> | <b>4.751989</b> | <b>4.863412</b> | <b>4.883869</b> | <b>9.643245</b> |
| Stddev | .046533         | .048465         | .039380         | .028347         | .038651         | .044743         |
| %RSD   | .9477984        | .9941821        | .8287034        | .5828567        | .7914113        | .4639804        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.858994 | 4.819902 | 4.707414 | 4.832646 | 4.840202 | 9.591581 |
| #2 | 4.919016 | 4.893044 | 4.766495 | 4.869118 | 4.897717 | 9.669326 |
| #3 | 4.950599 | 4.911557 | 4.782058 | 4.888471 | 4.913690 | 9.668827 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.28051</b> | <b>.2342087</b> | <b>2.421279</b> | <b>25.52395</b> | <b>.9133048</b> | <b>2.374994</b> |
| Stddev | .04256          | .0007006        | .018984         | .11611          | .0099633        | .021486         |
| %RSD   | .4140334        | .2991504        | .7840474        | .4549038        | 1.090904        | .9046592        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.24058 | .2348004 | 2.399360 | 25.39548 | .9056556 | 2.350193 |
| #2 | 10.32529 | .2343906 | 2.432001 | 25.62140 | .9245714 | 2.386851 |
| #3 | 10.27565 | .2334351 | 2.432477 | 25.55498 | .9096873 | 2.387939 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.336083</b> | <b>5.030964</b> | <b>2.378930</b> | <b>23.00803</b> | <b>2.425705</b> | <b>1.287152</b> |
| Stddev | .009453         | .054296         | .008420         | .13113          | .019250         | .011481         |
| %RSD   | .7075344        | 1.079239        | .3539343        | .5699212        | .7936024        | .8919311        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.325441 | 4.973885 | 2.370841 | 22.87889 | 2.403485 | 1.279771 |
| #2 | 1.339300 | 5.081966 | 2.387645 | 23.14105 | 2.436281 | 1.300379 |
| #3 | 1.343507 | 5.037040 | 2.378304 | 23.00416 | 2.437350 | 1.281307 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>24.02390</b> | <b>2.384254</b> | <b>2.521914</b> | <b>25.05431</b> | <b>4.755504</b> | <b>5.286248</b> |
| Stddev | .28887          | .011283         | .028221         | .32906          | .018543         | .041467         |
| %RSD   | 1.202409        | .4732283        | 1.119035        | 1.313368        | .3899282        | .7844342        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 23.73819 | 2.371248 | 2.500784 | 24.72695 | 4.762183 | 5.239967 |
| #2 | 24.31582 | 2.391405 | 2.553964 | 25.38504 | 4.769783 | 5.298756 |
| #3 | 24.01767 | 2.390111 | 2.510995 | 25.05093 | 4.734547 | 5.320022 |

Sample Name: CCV05      Acquired: 6/7/2023 17:48:02      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV20535      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 5.204184 | 4.941060 | 5.305062 | 4.872110 | 4.661417 | F 4.344228 |
| Stddev | .048350  | .018646  | .079940  | .035716  | .048952  | .019381    |
| %RSD   | .9290635 | .3773643 | 1.506870 | .7330658 | 1.050161 | .4461291   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.149200 | 4.923604 | 5.226038 | 4.831183 | 4.606094 | 4.326820 |
| #2 | 5.223294 | 4.960702 | 5.385889 | 4.888168 | 4.679034 | 4.365111 |
| #3 | 5.240059 | 4.938873 | 5.303259 | 4.896977 | 4.699123 | 4.340754 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | 4.725462 | Z ***** |
| Stddev | .014594  | -----   |
| %RSD   | .3088364 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | 4.729387 | Z 3104.874 |
| #2 | 4.709307 | Z 3100.150 |
| #3 | 4.737693 | Z 3122.258 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3864.242 | 56151.92 | 9832.543 | 3556.806 | 3277.574 |
| Stddev    | 24.157   | 451.65   | 23.826   | 27.979   | 22.839   |
| %RSD      | .6251367 | .8043338 | .2423207 | .7866275 | .6968207 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3891.957 | 56593.21 | 9805.325 | 3577.932 | 3303.262 |
| #2 | 3847.656 | 55690.58 | 9842.679 | 3525.075 | 3259.561 |
| #3 | 3853.112 | 56171.97 | 9849.626 | 3567.411 | 3269.899 |

Sample Name: CCB05      Acquired: 6/7/2023 17:51:48      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCB20535      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006560 | .0016941 | .0009589 | -.000901 | .0000555 | -.013624 |
| Stddev | .0004113 | .0005027 | .0006974 | .002643  | .0025844 | .009328  |
| %RSD   | 62.70032 | 29.67144 | 72.72189 | 293.4379 | 4659.495 | 68.46446 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0002502 | .0021772 | .0005961 | -.003684 | -.002927 | -.003550 |
| #2 | .0010727 | .0017313 | .0005177 | -.000594 | .001638  | -.021961 |
| #3 | .0006451 | .0011739 | .0017629 | .001576  | .001455  | -.015362 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005412 | -.000027 | -.000061 | .0008246 | -.000101 | -.000210 |
| Stddev | .000093  | .000016  | .000117  | .0159409 | .000147  | .000136  |
| %RSD   | 1.713565 | 57.94561 | 193.0726 | 1933.267 | 145.5425 | 64.71816 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.005475 | -.000033 | -.000151 | .0005319 | -.000133 | -.000053 |
| #2 | -.005456 | -.000040 | -.000104 | .0169098 | .000059  | -.000290 |
| #3 | -.005306 | -.000009 | .000072  | -.014968 | -.000229 | -.000288 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001627 | -.004087 | -.000203 | -.014703 | -.000084 | .0011691 |
| Stddev | .0001261 | .002424  | .000127  | .004914  | .000259  | .0002039 |
| %RSD   | 77.52374 | 59.31489 | 62.67637 | 33.41891 | 308.1333 | 17.44346 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0001356 | -.001968 | -.000083 | -.013153 | .000213  | .0011597 |
| #2 | .0003002 | -.003563 | -.000336 | -.020205 | -.000264 | .0009700 |
| #3 | .0000523 | -.006730 | -.000189 | -.010751 | -.000201 | .0013775 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.595066 | -.003657 | .0002265 | .0324787 | .0094755 | .0018424 |
| Stddev | .008805  | .001541  | .0002129 | .0232671 | .0010721 | .0000271 |
| %RSD   | 1.479682 | 42.12447 | 94.01448 | 71.63810 | 11.31444 | 1.472984 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.591613 | -.001880 | .0004282 | .0165858 | .0107131 | .0018561 |
| #2 | -.588511 | -.004475 | .0002472 | .0216656 | .0088316 | .0018600 |
| #3 | -.605075 | -.004617 | .0000039 | .0591847 | .0088817 | .0018112 |

Sample Name: CCB05      Acquired: 6/7/2023 17:51:48      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB20535      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0002174 | .0046193 | .0146690 | -.000916 | -.000423 | F -.010541 |
| Stddev | .0002711 | .0012832 | .0081880 | .002556  | .004140  | .001536    |
| %RSD   | 124.7167 | 27.77818 | 55.81861 | 278.9220 | 979.3745 | 14.56778   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0000851 | .0044149 | .0240743 | .000699  | -.003268 | -.012287 |
| #2 | .0000378 | .0059924 | .0108015 | -.003864 | .004326  | -.009937 |
| #3 | .0005292 | .0034506 | .0091311 | .000415  | -.002327 | -.009400 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | -.000082 | Z ***** |
| Stddev | .000049  | -----   |
| %RSD   | 60.07598 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | -.000061 | Z 2863.909 |
| #2 | -.000138 | Z 2834.894 |
| #3 | -.000047 | Z 2852.187 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3998.198 | 57906.93 | 9575.561 | 3664.889 | 3639.711 |
| Stddev    | 43.626   | 62.53    | 111.728  | 3.970    | 38.022   |
| %RSD      | 1.091130 | .1079760 | 1.166800 | .1083305 | 1.044646 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4046.591 | 57976.91 | 9446.550 | 3669.365 | 3682.252 |
| #2 | 3961.885 | 57887.32 | 9639.740 | 3663.511 | 3609.039 |
| #3 | 3986.119 | 57856.56 | 9640.394 | 3661.791 | 3627.844 |



Sample Name: PB153225BL      Acquired: 6/7/2023 17:55:50      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: PB153225BL      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023772 | -.000496 | -.000946 | -.000825 | -.001154 | -.011776 |
| Stddev | .0015020 | .001424  | .000672  | .000993  | .001271  | .010282  |
| %RSD   | 63.18153 | 286.8514 | 70.97253 | 120.2773 | 110.0903 | 87.31033 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0006441 | -.002081 | -.000537 | -.001971 | -.002411 | -.000193 |
| #2 | .0032996 | -.000085 | -.000581 | -.000295 | -.001184 | -.015311 |
| #3 | .0031881 | .000677  | -.001722 | -.000211 | .000131  | -.019824 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.007577 | -.000058 | .0000025 | -.003659 | -.000144 | -.000088 |
| Stddev | .001966  | .000036  | .0000763 | .006554  | .000250  | .000106  |
| %RSD   | 25.94018 | 62.55690 | 3073.825 | 179.1403 | 173.9364 | 120.2922 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.006201 | -.000023 | -.000003 | -.009980 | -.000276 | .000028  |
| #2 | -.006702 | -.000096 | -.000071 | -.004103 | -.000301 | -.000179 |
| #3 | -.009828 | -.000056 | .000082  | .003106  | .000145  | -.000112 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000135 | -.004252 | -.000264 | -.021341 | -.000191 | .0012366 |
| Stddev | .000095  | .002499  | .000328  | .007815  | .000154  | .0003133 |
| %RSD   | 70.28329 | 58.76647 | 124.5681 | 36.62027 | 80.69847 | 25.33770 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000103 | -.005107 | -.000590 | -.030159 | -.000176 | .0012555 |
| #2 | -.000061 | -.001438 | .000067  | -.015273 | -.000045 | .0015401 |
| #3 | -.000242 | -.006212 | -.000268 | -.018589 | -.000352 | .0009143 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.637077 | -.001941 | .0002682 | .0059145 | .0026594 | .0003200 |
| Stddev | .012952  | .000995  | .0002520 | .0199117 | .0012123 | .0003111 |
| %RSD   | 2.032962 | 51.29759 | 93.94750 | 336.6588 | 45.58448 | 97.21697 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.645683 | -.001890 | .0001124 | -.009149 | .0032204 | .0002663 |
| #2 | -.643367 | -.002961 | .0005589 | -.001597 | .0012682 | .0006544 |
| #3 | -.622182 | -.000972 | .0001333 | .028489  | .0034895 | .0000392 |

Sample Name: PB153225BL      Acquired: 6/7/2023 17:55:50      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: PB153225BL      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                   |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm               |
| Avg    | <b>-.000391</b> | <b>.0034915</b> | <b>.0172777</b> | <b>-.001318</b> | <b>-.000342</b> | <b>F -.011573</b> |
| Stddev | .000454         | .0011457        | .0115368        | .001983         | .002364         | .003279           |
| %RSD   | 116.2052        | 32.81310        | 66.77285        | 150.4904        | 690.8206        | 28.33256          |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000206</b> | <b>.0037534</b> | <b>.0298302</b> | <b>-.000309</b> | <b>-.001407</b> | <b>-.011935</b> |
| #2 | <b>-.000059</b> | <b>.0022376</b> | <b>.0071384</b> | <b>-.003603</b> | <b>-.001987</b> | <b>-.014656</b> |
| #3 | <b>-.000909</b> | <b>.0044835</b> | <b>.0148643</b> | <b>-.000042</b> | <b>.002367</b>  | <b>-.008128</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>-.000032</b> | <b>z *****</b> |
| Stddev | .000088         | -----          |
| %RSD   | 276.8652        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>-.000089</b> | <b>z 2843.339</b> |
| #2 | <b>.000069</b>  | <b>z 2860.274</b> |
| #3 | <b>-.000075</b> | <b>z 2860.723</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>4037.161</b> | <b>56610.57</b> | <b>9746.231</b> | <b>3600.344</b> | <b>3688.268</b> |
| Stddev    | 71.439          | 268.67          | 53.041          | 11.034          | 64.949          |
| %RSD      | 1.769531        | .4745956        | .5442207        | .3064649        | 1.760956        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>4017.161</b> | <b>56913.40</b> | <b>9689.498</b> | <b>3612.809</b> | <b>3673.946</b> |
| #2 | <b>3977.853</b> | <b>56517.48</b> | <b>9754.614</b> | <b>3591.828</b> | <b>3631.675</b> |
| #3 | <b>4116.468</b> | <b>56400.82</b> | <b>9794.582</b> | <b>3596.396</b> | <b>3759.182</b> |

Sample Name: O3037-06      Acquired: 6/7/2023 18:03:53      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MW-4      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002260</b> | <b>-.001623</b> | <b>.0019728</b> | <b>.0010678</b> | <b>.0001959</b> | <b>.0382777</b> |
| Stddev | .000858         | .002734         | .0009732        | .0019204        | .0007904        | .0102304        |
| %RSD   | 37.96381        | 168.4787        | 49.32944        | 179.8415        | 403.5362        | 26.72671        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001320</b> | <b>-.002443</b> | <b>.0030371</b> | <b>.0032852</b> | <b>-.000713</b> | <b>.0292182</b> |
| #2 | <b>-.003001</b> | <b>-.003852</b> | <b>.0011284</b> | <b>-.000063</b> | <b>.000577</b>  | <b>.0493728</b> |
| #3 | <b>-.002460</b> | <b>.001427</b>  | <b>.0017530</b> | <b>-.000018</b> | <b>.000723</b>  | <b>.0362420</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2644753</b> | <b>-.000088</b> | <b>.0003554</b> | <b>254.7824</b> | <b>.0005434</b> | <b>.0003682</b> |
| Stddev | .0009084        | .000061         | .0000738        | 1.8594          | .0002890        | .0002391        |
| %RSD   | .3434725        | 69.12694        | 20.77196        | .7298104        | 53.18473        | 64.95142        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2634797</b> | <b>-.000054</b> | <b>.0004294</b> | <b>252.9650</b> | <b>.0002831</b> | <b>.0005877</b> |
| #2 | <b>.2646868</b> | <b>-.000159</b> | <b>.0002818</b> | <b>254.7010</b> | <b>.0008545</b> | <b>.0004035</b> |
| #3 | <b>.2652592</b> | <b>-.000053</b> | <b>.0003549</b> | <b>256.6812</b> | <b>.0004927</b> | <b>.0001134</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0039956</b> | <b>.0310886</b> | <b>.1252911</b> | <b>31.25761</b> | <b>.0032333</b> | <b>.0005447</b> |
| Stddev | .0004514        | .0024914        | .0014168        | .28474          | .0002641        | .0002434        |
| %RSD   | 11.29824        | 8.013819        | 1.130775        | .9109405        | 8.166782        | 44.67296        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0034998</b> | <b>.0290611</b> | <b>.1238441</b> | <b>30.97040</b> | <b>.0034525</b> | <b>.0005019</b> |
| #2 | <b>.0041041</b> | <b>.0303348</b> | <b>.1253537</b> | <b>31.26262</b> | <b>.0029402</b> | <b>.0003256</b> |
| #3 | <b>.0043829</b> | <b>.0338698</b> | <b>.1266755</b> | <b>31.53980</b> | <b>.0033074</b> | <b>.0008067</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>267.4493</b> | <b>-.000369</b> | <b>.0388617</b> | <b>33.61996</b> | <b>.7924878</b> | <b>.0096502</b> |
| Stddev | 1.7204          | .002098         | .0006249        | .29200          | .0030928        | .0007883        |
| %RSD   | .6432494        | 568.4904        | 1.607954        | .8685405        | .3902627        | 8.168894        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>265.4636</b> | <b>-.002790</b> | <b>.0395434</b> | <b>33.28640</b> | <b>.7954924</b> | <b>.0105212</b> |
| #2 | <b>268.4893</b> | <b>.000917</b>  | <b>.0387255</b> | <b>33.74410</b> | <b>.7926571</b> | <b>.0089857</b> |
| #3 | <b>268.3952</b> | <b>.000766</b>  | <b>.0383161</b> | <b>33.82938</b> | <b>.7893138</b> | <b>.0094437</b> |

Sample Name: O3037-06      Acquired: 6/7/2023 18:03:53      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MW-4      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                   |                 |                   |                 |
|--------|-----------------|-----------------|-------------------|-----------------|-------------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820            | Li6707          |
| Units  | ppm             | ppm             | ppm               | ppm             | ppm               | ppm             |
| Avg    | <b>-.001991</b> | <b>-.005894</b> | <b>F 21.23371</b> | <b>.0047470</b> | <b>F 50.74415</b> | <b>.0144375</b> |
| Stddev | .000757         | .001653         | .21250            | .0018996        | 3.70681           | .0009924        |
| %RSD   | 38.01861        | 28.04308        | 1.000750          | 40.01554        | 7.304900          | 6.873757        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002739</b> | <b>-.007785</b> | <b>20.99525</b> | <b>.0068125</b> | <b>54.97640</b> | <b>.0154522</b> |
| #2 | <b>-.001226</b> | <b>-.005169</b> | <b>21.30284</b> | <b>.0030750</b> | <b>48.07443</b> | <b>.0134690</b> |
| #3 | <b>-.002007</b> | <b>-.004727</b> | <b>21.40303</b> | <b>.0043535</b> | <b>49.18161</b> | <b>.0143913</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>1.160328</b> | <b>Z *****</b> |
| Stddev | .009010         | -----          |
| %RSD   | .7765161        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>1.150694</b> | <b>Z 3327.590</b> |
| #2 | <b>1.161743</b> | <b>Z 3347.516</b> |
| #3 | <b>1.168547</b> | <b>Z 3347.316</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>3528.920</b> | <b>50241.23</b> | <b>9466.197</b> | <b>3146.878</b> | <b>2983.803</b> |
| Stddev    | 230.287         | 65.79           | 18.667          | 7.781           | 195.038         |
| %RSD      | 6.525717        | .1309531        | .1971928        | .2472751        | 6.536566        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3265.157</b> | <b>50315.71</b> | <b>9460.705</b> | <b>3145.443</b> | <b>2760.651</b> |
| #2 | <b>3690.030</b> | <b>50216.95</b> | <b>9486.993</b> | <b>3155.277</b> | <b>3121.691</b> |
| #3 | <b>3631.572</b> | <b>50191.02</b> | <b>9450.892</b> | <b>3139.914</b> | <b>3069.066</b> |

Sample Name: O3037-07      Acquired: 6/7/2023 18:07:58      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MW-2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0028890 | -.003199 | .0641994 | -.000750 | .0080685 | .4914541 |
| Stddev | .0024487 | .001698  | .0005888 | .002328  | .0014486 | .0109231 |
| %RSD   | 84.75871 | 53.06720 | .9171454 | 310.5299 | 17.95421 | 2.222616 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0031747 | -.003586 | .0640796 | -.003425 | .0085054 | .4834689 |
| #2 | .0051824 | -.004670 | .0648389 | .000363  | .0064517 | .5039020 |
| #3 | .0003100 | -.001341 | .0636797 | .000813  | .0092485 | .4869915 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1059058 | .0000591 | .0000004 | 96.47636 | .0062949 | .0006873 |
| Stddev | .0015635 | .0000513 | .0001259 | .59598   | .0005635 | .0000817 |
| %RSD   | 1.476356 | 86.83974 | 32909.70 | .6177498 | 8.952133 | 11.88542 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1051630 | .0000727 | -.000092 | 95.81667 | .0056793 | .0007247 |
| #2 | .1077023 | .0001023 | .000144  | 96.63649 | .0067853 | .0005936 |
| #3 | .1048521 | .0000024 | -.000051 | 96.97592 | .0064202 | .0007437 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1733668 | 16.40332 | .9400582 | 9.691848 | .0045701 | .0021906 |
| Stddev | .0006786 | .26588   | .0076927 | .120084  | .0002618 | .0004838 |
| %RSD   | .3914388 | 1.620886 | .8183214 | 1.239021 | 5.728801 | 22.08651 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1728253 | 16.46081 | .9314161 | 9.555634 | .0042788 | .0021785 |
| #2 | .1741281 | 16.11340 | .9461577 | 9.737497 | .0047860 | .0026804 |
| #3 | .1731470 | 16.63575 | .9426008 | 9.782414 | .0046453 | .0017130 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 798.6368 | .0113906 | .6464434 | 22.04899 | .1430883 | .0017268 |
| Stddev | 12.7164  | .0007543 | .0145008 | .38934   | .0014685 | .0000796 |
| %RSD   | 1.592258 | 6.622396 | 2.243164 | 1.765788 | 1.026305 | 4.611378 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 805.9059 | .0114403 | .6534054 | 22.14887 | .1421905 | .0017573 |
| #2 | 783.9535 | .0106126 | .6297745 | 21.61944 | .1422913 | .0016364 |
| #3 | 806.0512 | .0121188 | .6561503 | 22.37866 | .1447830 | .0017866 |

Sample Name: O3037-07      Acquired: 6/7/2023 18:07:58      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: MW-2      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                   |                 |                 |                 |
|--------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.000918</b> | <b>.0361933</b> | <b>F 23.82022</b> | <b>8.483616</b> | <b>1.242237</b> | <b>.0039206</b> |
| Stddev | .000711         | .0006297        | .40319            | .024231         | .004599         | .0027796        |
| %RSD   | 77.45934        | 1.739896        | 1.692631          | .2856201        | .3701825        | 70.89718        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001011</b> | <b>.0356800</b> | <b>23.96827</b> | <b>8.499515</b> | <b>1.247216</b> | <b>.0032450</b> |
| #2 | <b>-.001578</b> | <b>.0368960</b> | <b>23.36394</b> | <b>8.455727</b> | <b>1.241346</b> | <b>.0015410</b> |
| #3 | <b>-.000165</b> | <b>.0360041</b> | <b>24.12845</b> | <b>8.495604</b> | <b>1.238150</b> | <b>.0069756</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>.5446658</b> | <b>Z *****</b> |
| Stddev | .0037107        | -----          |
| %RSD   | .6812839        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>.5403851</b> | <b>Z 3036.605</b> |
| #2 | <b>.5469674</b> | <b>Z 3039.193</b> |
| #3 | <b>.5466449</b> | <b>Z 3038.342</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>3500.980</b> | <b>50498.67</b> | <b>9214.717</b> | <b>3212.255</b> | <b>2861.979</b> |
| Stddev    | 14.855          | 1039.25         | 13.615          | 60.799          | 8.887           |
| %RSD      | .4242995        | 2.057981        | .1477544        | 1.892709        | .3105150        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3484.935</b> | <b>49919.28</b> | <b>9220.993</b> | <b>3181.378</b> | <b>2853.227</b> |
| #2 | <b>3514.255</b> | <b>51698.47</b> | <b>9224.063</b> | <b>3282.296</b> | <b>2870.995</b> |
| #3 | <b>3503.750</b> | <b>49878.27</b> | <b>9199.096</b> | <b>3173.090</b> | <b>2861.714</b> |

Sample Name: O3037-08      Acquired: 6/7/2023 18:12:00      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MW-2      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001753</b> | <b>-.005537</b> | <b>.0021914</b> | <b>-.008472</b> | <b>.0004841</b> | <b>.0444020</b> |
| Stddev | .000730         | .002344         | .0018145        | .006023         | .0011828        | .0101709        |
| %RSD   | 41.62908        | 42.33105        | 82.80046        | 71.09800        | 244.3105        | 22.90640        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002366</b> | <b>-.002838</b> | <b>.0009799</b> | <b>-.013088</b> | <b>-.000787</b> | <b>.0328724</b> |
| #2 | <b>-.001949</b> | <b>-.007063</b> | <b>.0042775</b> | <b>-.010669</b> | <b>.001552</b>  | <b>.0482310</b> |
| #3 | <b>-.000946</b> | <b>-.006708</b> | <b>.0013168</b> | <b>-.001658</b> | <b>.000687</b>  | <b>.0521027</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3741521</b> | <b>.0001336</b> | <b>.0003451</b> | <b>242.4733</b> | <b>.0063267</b> | <b>.0027117</b> |
| Stddev | .0059704        | .0000402        | .0001194        | 2.2374          | .0001005        | .0000926        |
| %RSD   | 1.595708        | 30.08928        | 34.60587        | .9227444        | 1.587864        | 3.414000        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.3672937</b> | <b>.0001725</b> | <b>.0004459</b> | <b>239.8909</b> | <b>.0064161</b> | <b>.0026400</b> |
| #2 | <b>.3769748</b> | <b>.0000922</b> | <b>.0003762</b> | <b>243.6969</b> | <b>.0062180</b> | <b>.0028162</b> |
| #3 | <b>.3781877</b> | <b>.0001361</b> | <b>.0002132</b> | <b>243.8320</b> | <b>.0063460</b> | <b>.0026788</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0455259</b> | <b>21.69209</b> | <b>2.599014</b> | <b>45.38130</b> | <b>.0565416</b> | <b>.0018281</b> |
| Stddev | .0010946        | .02181          | .020997         | .47079          | .0011414        | .0004572        |
| %RSD   | 2.404391        | .1005613        | .8078965        | 1.037403        | 2.018623        | 25.01100        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0444653</b> | <b>21.69627</b> | <b>2.574780</b> | <b>44.83771</b> | <b>.0555648</b> | <b>.0023561</b> |
| #2 | <b>.0466516</b> | <b>21.71151</b> | <b>2.610483</b> | <b>45.65828</b> | <b>.0577962</b> | <b>.0015665</b> |
| #3 | <b>.0454608</b> | <b>21.66849</b> | <b>2.611779</b> | <b>45.64789</b> | <b>.0562638</b> | <b>.0015618</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>662.5734</b> | <b>-.000765</b> | <b>.2139560</b> | <b>62.45980</b> | <b>1.548665</b> | <b>.0056538</b> |
| Stddev | 1.1924          | .003042         | .0005358        | .08560          | .013438         | .0003089        |
| %RSD   | .1799696        | 397.9301        | .2504189        | .1370454        | .8676859        | 5.464306        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>662.7286</b> | <b>-.004261</b> | <b>.2134987</b> | <b>62.51683</b> | <b>1.533176</b> | <b>.0056347</b> |
| #2 | <b>663.6806</b> | <b>.000684</b>  | <b>.2145455</b> | <b>62.36137</b> | <b>1.557206</b> | <b>.0053548</b> |
| #3 | <b>661.3109</b> | <b>.001283</b>  | <b>.2138237</b> | <b>62.50119</b> | <b>1.555612</b> | <b>.0059718</b> |

Sample Name: O3037-08      Acquired: 6/7/2023 18:12:00      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MW-2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .0894673 | -.003288 | F 21.96801 | .0203850 | F 34.36589 | .0105196 |
| Stddev | .0011327 | .001168  | .03163     | .0037840 | .35169     | .0005291 |
| %RSD   | 1.266065 | 35.52765 | .1439959   | 18.56266 | 1.023383   | 5.029329 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0893381 | -.002189 | 21.99703 | .0160156 | 34.05338 | .0111047 |
| #2 | .0906591 | -.003160 | 21.93429 | .0225602 | 34.74674 | .0100749 |
| #3 | .0884047 | -.004515 | 21.97271 | .0225792 | 34.29754 | .0103793 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | 1.227996 | Z ***** |
| Stddev | .010055  | -----   |
| %RSD   | .8187984 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | 1.216388 | Z 3219.512 |
| #2 | 1.233994 | Z 3226.923 |
| #3 | 1.233606 | Z 3250.847 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3467.959 | 50205.15 | 9307.202 | 3158.025 | 2856.004 |
| Stddev    | 27.566   | 159.23   | 55.069   | 12.909   | 25.544   |
| %RSD      | .7948871 | .3171550 | .5916837 | .4087603 | .8943993 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3490.178 | 50028.94 | 9369.175 | 3143.867 | 2876.897 |
| #2 | 3437.110 | 50247.81 | 9263.881 | 3161.064 | 2827.526 |
| #3 | 3476.590 | 50338.70 | 9288.552 | 3169.143 | 2863.589 |



Sample Name: PB153225BS      Acquired: 6/7/2023 18:16:03      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: PB153225BS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8379360</b> | <b>2.035370</b> | <b>.9761981</b> | <b>2.025959</b> | <b>.8110270</b> | <b>2.017249</b> | <b>.1886925</b> |
| Stddev | .0063152        | .011918         | .0057546        | .012826         | .0050416        | .015859         | .0007202        |
| %RSD   | .7536656        | .5855524        | .5894937        | .6330893        | .6216343        | .7861476        | .3816501        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8451791 | 2.049100 | .9815561 | 2.040335 | .8168480 | 2.005802 | .1881453 |
| #2 | .8350458 | 2.029320 | .9769227 | 2.015687 | .8081870 | 2.010595 | .1884239 |
| #3 | .8335830 | 2.027691 | .9701154 | 2.021856 | .8080459 | 2.035351 | .1895083 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1888704</b> | <b>.1951426</b> | <b>.9938816</b> | <b>.3995396</b> | <b>.1921863</b> | <b>.3468259</b> | <b>3.369128</b> |
| Stddev | .0012440        | .0008880        | .0154477        | .0008204        | .0008476        | .0011058        | .005487         |
| %RSD   | .6586434        | .4550667        | 1.554281        | .2053404        | .4410345        | .3188299        | .1628623        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1882011 | .1959913 | .9930340 | .3996343 | .1930752 | .3480773 | 3.372035 |
| #2 | .1881043 | .1952166 | .9788751 | .3986760 | .1920968 | .3459807 | 3.372550 |
| #3 | .1903057 | .1942198 | 1.009736 | .4003086 | .1913870 | .3464197 | 3.362799 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2156038</b> | <b>1.949341</b> | <b>.4938514</b> | <b>.0742392</b> | <b>3.332812</b> | <b>.3035450</b> | <b>.2177871</b> |
| Stddev | .0025607        | .036511         | .0024059        | .0001470        | .017682         | .0037383        | .0006000        |
| %RSD   | 1.187691        | 1.872992        | .4871780        | .1979890        | .5305528        | 1.231542        | .2755029        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2147441 | 1.929538 | .4962694 | .0744054 | 3.349809 | .3021866 | .2183159 |
| #2 | .2135836 | 1.927011 | .4938271 | .0741857 | 3.314516 | .3006758 | .2171350 |
| #3 | .2184838 | 1.991475 | .4914577 | .0741265 | 3.334111 | .3077725 | .2179105 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.97531</b> | <b>.2853027</b> | <b>.4094702</b> | <b>.6822502</b> | <b>.1989751</b> | <b>.9320194</b> | <b>6.242012</b> |
| Stddev | .01875          | .0012649        | .0012426        | .0021882        | .0028069        | .0083910        | .021258         |
| %RSD   | .1708508        | .4433726        | .3034641        | .3207371        | 1.410706        | .9003078        | .3405576        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.99449 | .2853570 | .4106806 | .6845611 | .1989526 | .9283204 | 6.260383 |
| #2 | 10.95702 | .2840114 | .4095322 | .6819797 | .1961794 | .9416244 | 6.246924 |
| #3 | 10.97443 | .2865396 | .4081977 | .6802098 | .2017932 | .9261134 | 6.218728 |

Sample Name: PB153225BS      Acquired: 6/7/2023 18:16:03      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: PB153225BS      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.004094</b> | <b>.1881165</b> | <b>.2196764</b> | <b>z *****</b> |
| Stddev | .004928         | .0006237        | .0021702        | -----          |
| %RSD   | 120.3807        | .3315719        | .9878866        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.002889</b> | <b>.1881885</b> | <b>.2184829</b> | <b>z 8372.106</b> |
| #2 | <b>.000120</b>  | <b>.1887012</b> | <b>.2183648</b> | <b>z 8408.778</b> |
| #3 | <b>-.009512</b> | <b>.1874599</b> | <b>.2221813</b> | <b>z 8417.116</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>4005.240</b> | <b>57108.84</b> | <b>9612.850</b> | <b>3615.795</b> | <b>3585.097</b> |
| Stddev    | 21.224          | 244.07          | 49.215          | 23.600          | 16.082          |
| %RSD      | .5298957        | .4273821        | .5119722        | .6526813        | .4485853        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3982.392</b> | <b>56835.61</b> | <b>9600.135</b> | <b>3588.598</b> | <b>3567.698</b> |
| #2 | <b>4008.989</b> | <b>57185.64</b> | <b>9667.175</b> | <b>3630.867</b> | <b>3588.177</b> |
| #3 | <b>4024.340</b> | <b>57305.28</b> | <b>9571.240</b> | <b>3627.921</b> | <b>3599.417</b> |

Sample Name: O3039-07      Acquired: 6/7/2023 18:19:49      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MW-34      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0020262 | -.002798 | .0646953 | .0009012 | .0064309 | .5291678 |
| Stddev | .0035154 | .001864  | .0011387 | .0022891 | .0016809 | .0040094 |
| %RSD   | 173.4942 | 66.64424 | 1.760095 | 254.0022 | 26.13805 | .7576858 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0042317 | -.003061 | .0637609 | .0015991 | .0048785 | .5304367 |
| #2 | .0038747 | -.000816 | .0659637 | .0027601 | .0061980 | .5323893 |
| #3 | -.002028 | -.004516 | .0643614 | -.001656 | .0082160 | .5246775 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1077664 | .0000901 | -.000012 | 97.29478 | .0096103 | .0006649 |
| Stddev | .0031995 | .0000498 | .000034  | 1.99031  | .0002179 | .0000478 |
| %RSD   | 2.968895 | 55.31910 | 280.7637 | 2.045649 | 2.266881 | 7.194299 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1114277 | .0001376 | .000027  | 99.59156 | .0097583 | .0006644 |
| #2 | .1055080 | .0000382 | -.000035 | 96.07611 | .0097124 | .0006173 |
| #3 | .1063635 | .0000945 | -.000029 | 96.21667 | .0093601 | .0007130 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1758316 | 16.68696 | .9501173 | 9.856678 | .0073993 | .0025647 |
| Stddev | .0001626 | .07008   | .0173093 | .210570  | .0001665 | .0005333 |
| %RSD   | .0924667 | .4199890 | 1.821807 | 2.136320 | 2.250570 | 20.79372 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1756687 | 16.75532 | .9700772 | 10.08565 | .0075508 | .0022249 |
| #2 | .1759939 | 16.69029 | .9392341 | 9.67135  | .0074263 | .0022898 |
| #3 | .1758321 | 16.61527 | .9410407 | 9.81303  | .0072210 | .0031793 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 797.7806 | .0135950 | .6586344 | 22.14857 | .1449904 | .0020997 |
| Stddev | 4.4071   | .0008429 | .0040052 | .08716   | .0020020 | .0001440 |
| %RSD   | .5524146 | 6.199914 | .6081018 | .3935026 | 1.380757 | 6.859849 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 798.9390 | .0143375 | .6624716 | 22.18294 | .1468926 | .0022407 |
| #2 | 801.4927 | .0137688 | .6589513 | 22.21330 | .1429017 | .0021057 |
| #3 | 792.9100 | .0126788 | .6544801 | 22.04947 | .1451770 | .0019528 |

Sample Name: O3039-07      Acquired: 6/7/2023 18:19:49      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: MW-34      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                   |                 |                 |                 |
|--------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.000742</b> | <b>.0360715</b> | <b>F 23.97963</b> | <b>8.463023</b> | <b>1.262163</b> | <b>.0042017</b> |
| Stddev | .000510         | .0011490        | .14166            | .011106         | .005561         | .0008021        |
| %RSD   | 68.67911        | 3.185307        | .5907652          | .1312240        | .4405580        | 19.08888        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000215</b> | <b>.0366003</b> | <b>24.01816</b> | <b>8.461249</b> | <b>1.264368</b> | <b>.0039965</b> |
| #2 | <b>-.001232</b> | <b>.0347534</b> | <b>24.09804</b> | <b>8.474908</b> | <b>1.266283</b> | <b>.0050865</b> |
| #3 | <b>-.000778</b> | <b>.0368610</b> | <b>23.82268</b> | <b>8.452911</b> | <b>1.255838</b> | <b>.0035222</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>.5473953</b> | <b>z *****</b> |
| Stddev | .0112669        | -----          |
| %RSD   | 2.058273        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>.5603572</b> | <b>z 3120.328</b> |
| #2 | <b>.5399474</b> | <b>z 3134.972</b> |
| #3 | <b>.5418813</b> | <b>z 3141.205</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>3517.700</b> | <b>50039.96</b> | <b>9121.002</b> | <b>3191.799</b> | <b>2862.291</b> |
| Stddev    | 7.213           | 167.11          | 160.516         | 18.549          | 6.972           |
| %RSD      | .2050489        | .3339468        | 1.759845        | .5811549        | .2435931        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3509.575</b> | <b>49999.48</b> | <b>8937.962</b> | <b>3174.495</b> | <b>2856.322</b> |
| #2 | <b>3520.174</b> | <b>49896.82</b> | <b>9237.769</b> | <b>3189.519</b> | <b>2860.597</b> |
| #3 | <b>3523.350</b> | <b>50223.59</b> | <b>9187.276</b> | <b>3211.383</b> | <b>2869.954</b> |

Sample Name: O3039-08      Acquired: 6/7/2023 18:23:50      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MW-34      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0053260 | -.002688 | .0016195 | .0007655 | .0062912 | .0346375 |
| Stddev | .0027898 | .001200  | .0016861 | .0036756 | .0007034 | .0091197 |
| %RSD   | 52.38086 | 44.62050 | 104.1134 | 480.1387 | 11.18108 | 26.32889 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0081980 | -.001423 | .0033769 | -.003287 | .0067040 | .0447767 |
| #2 | .0026265 | -.003809 | .0014665 | .003884  | .0066906 | .0320311 |
| #3 | .0051534 | -.002833 | .0000151 | .001700  | .0054790 | .0271048 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0170028 | .0000235 | -.000040 | 92.67250 | .0018713 | .0011087 |
| Stddev | .0014636 | .0000479 | .000046  | 1.28662  | .0002764 | .0001966 |
| %RSD   | 8.608189 | 204.1727 | 114.6985 | 1.388350 | 14.76980 | 17.73008 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0169660 | -.000003 | -.000013 | 91.33458 | .0016489 | .0011921 |
| #2 | .0155579 | -.000006 | -.000093 | 92.78212 | .0017842 | .0012499 |
| #3 | .0184845 | .000079  | -.000014 | 93.90080 | .0021807 | .0008842 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0363795 | .1266494 | .7833562 | 9.597519 | .0094467 | .0008121 |
| Stddev | .0003258 | .0074036 | .0115425 | .132457  | .0001375 | .0007862 |
| %RSD   | .8954939 | 5.845704 | 1.473470 | 1.380119 | 1.455842 | 96.82150 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0367071 | .1181380 | .7707664 | 9.489998 | .0095948 | .0011986 |
| #2 | .0360556 | .1302127 | .7858627 | 9.557076 | .0094225 | .0013302 |
| #3 | .0363757 | .1315975 | .7934395 | 9.745483 | .0093229 | -.000093 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 778.4603 | .0070037 | .0872807 | 21.88949 | .1331351 | .0026653 |
| Stddev | 3.5132   | .0025301 | .0002682 | .16261   | .0014334 | .0001387 |
| %RSD   | .4513030 | 36.12551 | .3072798 | .7428892 | 1.076640 | 5.203826 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 774.9841 | .0064662 | .0875645 | 21.70667 | .1316440 | .0027682 |
| #2 | 782.0094 | .0047856 | .0870314 | 21.94379 | .1332585 | .0025075 |
| #3 | 778.3876 | .0097594 | .0872463 | 22.01800 | .1345027 | .0027200 |

Sample Name: O3039-08      Acquired: 6/7/2023 18:23:50      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MW-34      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820          | Li6707          |
|--------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.001128</b> | <b>.0049611</b> | <b>F 22.46068</b> | <b>2.334787</b> | <b>1.339115</b> | <b>.0099384</b> |
| Stddev | .000283         | .0009664        | .19279            | .018129         | .010565         | .0026322        |
| %RSD   | 25.12467        | 19.47937        | .8583236          | .7764871        | .7889385        | 26.48554        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000840 | .0045408 | 22.26522 | 2.352351 | 1.348828 | .0086999 |
| #2 | -.001407 | .0060664 | 22.46614 | 2.335868 | 1.340650 | .0129614 |
| #3 | -.001136 | .0042760 | 22.65068 | 2.316141 | 1.327866 | .0081538 |

| Elem   | Sr4077          | Ce4040         |
|--------|-----------------|----------------|
| Units  | ppm             | Cts/S          |
| Avg    | <b>.4943071</b> | <b>z *****</b> |
| Stddev | .0067765        | -----          |
| %RSD   | 1.370913        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>.4869723</b> | <b>z 3104.966</b> |
| #2 | <b>.4956143</b> | <b>z 3101.937</b> |
| #3 | <b>.5003349</b> | <b>z 3110.203</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>3537.859</b> | <b>50185.96</b> | <b>9173.198</b> | <b>3207.039</b> | <b>2890.160</b> |
| Stddev    | 30.302          | 73.20           | 51.943          | 12.156          | 27.122          |
| %RSD      | .8565040        | .1458618        | .5662497        | .3790512        | .9384245        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3514.701 | 50201.95 | 9224.316 | 3193.995 | 2868.180 |
| #2 | 3526.723 | 50249.85 | 9174.810 | 3218.051 | 2881.829 |
| #3 | 3572.154 | 50106.09 | 9120.467 | 3209.072 | 2920.470 |

Sample Name: O3046-01      Acquired: 6/7/2023 18:27:57      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: COMP-1-1-5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0115338 | -.017310 | .0130637 | -.024996 | .0121013 | 13.22156 |
| Stddev | .0028464 | .003640  | .0018768 | .001374  | .0014447 | .13441   |
| %RSD   | 24.67849 | 21.02927 | 14.36629 | 5.497686 | 11.93865 | 1.016579 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0084412 | -.013896 | .0115994 | -.026441 | .0132959 | 13.06639 |
| #2 | .0140438 | -.016894 | .0151794 | -.024841 | .0125124 | 13.30148 |
| #3 | .0121163 | -.021141 | .0124123 | -.023705 | .0104955 | 13.29682 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.112651 | .0016273 | -.001875 | 1278.540 | .1367857 | .0043897 |
| Stddev | .012787  | .0000747 | .000143  | 11.987   | .0002732 | .0001210 |
| %RSD   | 1.149257 | 4.591530 | 7.644075 | .9375197 | .1996933 | 2.755751 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.097886 | .0016981 | -.001731 | 1264.710 | .1364798 | .0043320 |
| #2 | 1.120102 | .0016345 | -.001875 | 1285.948 | .1368717 | .0043084 |
| #3 | 1.119967 | .0015492 | -.002018 | 1284.961 | .1370054 | .0045287 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.061855 | 137.0142 | 1.910742 | 20.24675 | .0323032 | .0033982 |
| Stddev | .001818  | .3386    | .020402  | .16325   | .0002665 | .0003518 |
| %RSD   | 2.939462 | .2471294 | 1.067770 | .8062949 | .8249812 | 10.35287 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.060537 | 136.7667 | 1.887286 | 20.05960 | .0325985 | .0031442 |
| #2 | -.061098 | 136.8758 | 1.924375 | 20.32075 | .0320806 | .0032508 |
| #3 | -.063929 | 137.4001 | 1.920564 | 20.35989 | .0322305 | .0037998 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 58.15789 | .1587196 | .1270509 | 48.21282 | .2040596 | .1729775 |
| Stddev | .15132   | .0029959 | .0010737 | .09693   | .0011030 | .0013500 |
| %RSD   | .2601844 | 1.887536 | .8450655 | .2010488 | .5405294 | .7804520 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 58.22083 | .1553396 | .1258478 | 48.21747 | .2038043 | .1744464 |
| #2 | 57.98526 | .1610475 | .1273935 | 48.11365 | .2031065 | .1726949 |
| #3 | 58.26757 | .1597718 | .1279115 | 48.30734 | .2052678 | .1717912 |

Sample Name: O3046-01      Acquired: 6/7/2023 18:27:57      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: COMP-1-1-5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .0000811 | 1.011453 | F 49.25389 | .4163833 | F 109.2712 | .1525562 |
| Stddev | .0009976 | .005855  | .20901     | .0036353 | .4363      | .0040277 |
| %RSD   | 1230.337 | .5789164 | .4243544   | .8730635 | .3992493   | 2.640143 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0010253 | 1.004697 | 49.20816 | .4181485 | 109.6707 | .1500478 |
| #2 | -.000962 | 1.014601 | 49.07154 | .4187990 | 109.3373 | .1572020 |
| #3 | .000180  | 1.015061 | 49.48198 | .4122025 | 108.8057 | .1504187 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | 2.934502 | Z ***** |
| Stddev | .044363  | -----   |
| %RSD   | 1.511758 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | 2.884498 | Z 4771.431 |
| #2 | 2.969134 | Z 4775.728 |
| #3 | 2.949874 | Z 4782.609 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3403.374 | 49308.00 | 9346.793 | 3069.469 | 2754.653 |
| Stddev    | 20.738   | 39.24    | 80.800   | 12.545   | 10.625   |
| %RSD      | .6093479 | .0795912 | .8644704 | .4087157 | .3857195 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3381.512 | 49266.60 | 9432.364 | 3083.483 | 2744.485 |
| #2 | 3405.843 | 49312.74 | 9271.808 | 3065.641 | 2753.793 |
| #3 | 3422.768 | 49344.65 | 9336.206 | 3059.284 | 2765.683 |



Sample Name: LR CHECK 1      Acquired: 6/7/2023 18:32:06      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.067366</b> | <b>-.098258</b> | <b>-.055533</b> | <b>-.097461</b> | <b>.0189416</b> | <b>1879.309</b> | <b>-.001600</b> |
| Stddev | .007266         | .005658         | .003405         | .008081         | .0041278        | 17.664          | .001269         |
| %RSD   | 10.78548        | 5.758714        | 6.131389        | 8.291254        | 21.79239        | .9399253        | 79.32192        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.060421</b> | <b>-.104762</b> | <b>-.059394</b> | <b>-.092625</b> | <b>.0154390</b> | <b>1875.687</b> | <b>-.000837</b> |
| #2 | <b>-.066762</b> | <b>-.095545</b> | <b>-.052961</b> | <b>-.092968</b> | <b>.0234925</b> | <b>1898.504</b> | <b>-.003066</b> |
| #3 | <b>-.074915</b> | <b>-.094468</b> | <b>-.054244</b> | <b>-.106789</b> | <b>.0178934</b> | <b>1863.737</b> | <b>-.000898</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0034036</b> | <b>.0078283</b> | <b>1946.098</b> | <b>-.001235</b> | <b>.0187472</b> | <b>-.621138</b> | <b>967.2833</b> |
| Stddev | .0001117        | .0012280        | 15.766          | .000490         | .0002695        | .022302         | 3.7590          |
| %RSD   | 3.281615        | 15.68611        | .8101320        | 39.64945        | 1.437658        | 3.590456        | .3886161        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0032989</b> | <b>.0079084</b> | <b>1928.167</b> | <b>-.001739</b> | <b>.0184698</b> | <b>-.630756</b> | <b>969.7943</b> |
| #2 | <b>.0035212</b> | <b>.0065623</b> | <b>1957.788</b> | <b>-.001206</b> | <b>.0190080</b> | <b>-.637017</b> | <b>969.0939</b> |
| #3 | <b>.0033907</b> | <b>.0090143</b> | <b>1952.340</b> | <b>-.000761</b> | <b>.0187637</b> | <b>-.595641</b> | <b>962.9616</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.028999</b> | <b>1846.028</b> | <b>.0211670</b> | <b>.0125860</b> | <b>1651.291</b> | <b>.0134434</b> | <b>-.237075</b> |
| Stddev | .000522         | 8.668           | .0009394        | .0010229        | 22.039          | .0032044        | .002116         |
| %RSD   | 1.798596        | .4695276        | 4.438069        | 8.127682        | 1.334641        | 23.83622        | .8923997        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.029518</b> | <b>1851.400</b> | <b>.0209592</b> | <b>.0115269</b> | <b>1674.148</b> | <b>.0114719</b> | <b>-.237907</b> |
| #2 | <b>-.028475</b> | <b>1850.655</b> | <b>.0203489</b> | <b>.0135685</b> | <b>1649.552</b> | <b>.0171409</b> | <b>-.238649</b> |
| #3 | <b>-.029004</b> | <b>1836.028</b> | <b>.0221929</b> | <b>.0126626</b> | <b>1630.173</b> | <b>.0117176</b> | <b>-.234670</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1080.082</b> | <b>.5152285</b> | <b>-.000098</b> | <b>.0028316</b> | <b>-.049028</b> | <b>.0013242</b> | <b>.0689652</b> |
| Stddev | 5.136           | .0059879        | .000649         | .0023415        | .001043         | .0157211        | .0058902        |
| %RSD   | .4755314        | 1.162183        | 658.9149        | 82.69192        | 2.128106        | 1187.204        | 8.540815        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1083.896</b> | <b>.5219177</b> | <b>-.000318</b> | <b>.0051360</b> | <b>-.048463</b> | <b>-.011085</b> | <b>.0730742</b> |
| #2 | <b>1082.107</b> | <b>.5133989</b> | <b>-.000608</b> | <b>.0004547</b> | <b>-.050232</b> | <b>-.003945</b> | <b>.0622169</b> |
| #3 | <b>1074.241</b> | <b>.5103688</b> | <b>.000632</b>  | <b>.0029042</b> | <b>-.048389</b> | <b>.019003</b>  | <b>.0716044</b> |

Sample Name: LR CHECK 1      Acquired: 6/7/2023 18:32:06      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.124435</b> | <b>-.057981</b> | <b>-.958170</b> | <b>z *****</b> |
| Stddev | .006601         | .003878         | .003795         | -----          |
| %RSD   | 5.304904        | 6.687820        | .3961148        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.124668</b> | <b>-.060380</b> | <b>-.960786</b> | <b>z 5277.039</b> |
| #2 | <b>-.130916</b> | <b>-.053508</b> | <b>-.959908</b> | <b>z 5285.479</b> |
| #3 | <b>-.117720</b> | <b>-.060056</b> | <b>-.953817</b> | <b>z 5265.796</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>2866.162</b> | <b>41121.66</b> | <b>8495.381</b> | <b>2578.052</b> | <b>2098.580</b> |
| Stddev    | 25.892          | 158.28          | 41.818          | 9.141           | 19.002          |
| %RSD      | .9033645        | .3849130        | .4922407        | .3545763        | .9054560        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2871.914 | 41023.41 | 8486.103 | 2567.498 | 2102.636 |
| #2 | 2888.695 | 41037.32 | 8458.982 | 2583.466 | 2115.227 |
| #3 | 2837.878 | 41304.26 | 8541.059 | 2583.192 | 2077.878 |

Sample Name: LR CHECK 2      Acquired: 6/7/2023 18:47:17      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014159 | -.023222 | 249.9431 | -.099747 | .0071981 | -.283849 | 101.5109 |
| Stddev | .0023987 | .001508  | 1.9608   | .002564  | .0017894 | .009379  | .9768    |
| %RSD   | 169.4119 | 6.495032 | .7844965 | 2.570137 | 24.85986 | 3.304264 | .9622419 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001252 | -.024463 | 248.4330 | -.102554 | .0054877 | -.281881 | 101.1565 |
| #2 | .002106  | -.023661 | 249.2371 | -.099159 | .0090573 | -.275609 | 102.6153 |
| #3 | .003394  | -.021543 | 252.1591 | -.097529 | .0070493 | -.294055 | 100.7607 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015953 | -.006339 | .1605675 | .0058780 | -.021336 | 266.8292 | .0431283 |
| Stddev | .0000585 | .000075  | .0077197 | .0005386 | .000442  | 2.1399   | .0020256 |
| %RSD   | 3.666465 | 1.182267 | 4.807776 | 9.162824 | 2.073576 | .8019660 | 4.696615 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015567 | -.006326 | .1693623 | .0058264 | -.021147 | 264.7763 | .0437574 |
| #2 | .0016626 | -.006419 | .1574283 | .0064405 | -.021019 | 266.6647 | .0408628 |
| #3 | .0015666 | -.006271 | .1549120 | .0053671 | -.021841 | 269.0466 | .0447647 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 46.17534 | -.046494 | 48.47329 | .0111822 | -.420469 | -.008475 | 34.03329 |
| Stddev | .15340   | .009539  | .36880   | .0006218 | .017083  | .000730  | .24503   |
| %RSD   | .3322119 | 20.51661 | .7608257 | 5.560353 | 4.062958 | 8.613980 | .7199697 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 46.15546 | -.053308 | 48.20435 | .0104657 | -.402161 | -.008769 | 34.31602 |
| #2 | 46.33771 | -.035592 | 48.32182 | .0115803 | -.423263 | -.009012 | 33.90121 |
| #3 | 46.03285 | -.050581 | 48.89371 | .0115005 | -.435983 | -.007644 | 33.88264 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0989840 | -.001458 | -.006385 | -.002462 | -.040599 | -.001869 | -3.15650 |
| Stddev | .0419472 | .000908  | .000672  | .000438  | .002537  | .002445  | .00978   |
| %RSD   | 42.37772 | 62.27839 | 10.53269 | 17.77503 | 6.249774 | 130.7987 | .3099574 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0930609 | -.001728 | -.005785 | -.002920 | -.038706 | -.004612 | -3.14557 |
| #2 | .0603132 | -.000445 | -.007112 | -.002048 | -.043483 | -.001076 | -3.16444 |
| #3 | .1435780 | -.002200 | -.006258 | -.002419 | -.039609 | .000081  | -3.15949 |

Sample Name: LR CHECK 2      Acquired: 6/7/2023 18:47:17      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0035786 | -.012411 | .0015324 | z ***** |
| Stddev | .0042131 | .001590  | .0000503 | -----   |
| %RSD   | 117.7319 | 12.81023 | 3.281706 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | -.000284 | -.011577 | .0015332 | z 2891.242 |
| #2 | .002948  | -.011412 | .0014817 | z 2880.719 |
| #3 | .008071  | -.014245 | .0015823 | z 2895.005 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3829.620 | 59359.53 | 10101.00 | 3586.922 | 3510.191 |
| Stddev    | 26.931   | 284.55   | 50.42    | 18.044   | 24.255   |
| %RSD      | .7032294 | .4793687 | .4991283 | .5030375 | .6909766 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3852.383 | 59033.22 | 10158.90 | 3566.112 | 3530.327 |
| #2 | 3836.587 | 59556.00 | 10066.86 | 3598.202 | 3516.980 |
| #3 | 3799.890 | 59489.37 | 10077.22 | 3596.453 | 3483.265 |

Sample Name: CCV06      Acquired: 6/7/2023 18:51:39      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.896057 | 4.842630 | 4.714011 | 4.866913 | 4.889204 | 9.809031 |
| Stddev | .004764  | .017229  | .005994  | .010398  | .006149  | .037495  |
| %RSD   | .0973102 | .3557782 | .1271466 | .2136469 | .1257663 | .3822451 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.900216 | 4.853358 | 4.716214 | 4.876966 | 4.895646 | 9.793767 |
| #2 | 4.897097 | 4.851774 | 4.718592 | 4.867572 | 4.888570 | 9.781576 |
| #3 | 4.890859 | 4.822756 | 4.707228 | 4.856202 | 4.883397 | 9.851750 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.42821 | .2385877 | 2.405338 | 25.79487 | .9185002 | 2.359906 |
| Stddev | .03690   | .0005472 | .005420  | .02874   | .0016185 | .005435  |
| %RSD   | .3538012 | .2293415 | .2253379 | .1114158 | .1762152 | .2303211 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.44781 | .2382020 | 2.407286 | 25.76562 | .9170027 | 2.361045 |
| #2 | 10.38566 | .2392139 | 2.409515 | 25.79592 | .9182806 | 2.364681 |
| #3 | 10.45118 | .2383471 | 2.399213 | 25.82307 | .9202173 | 2.353991 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.332837 | 4.963627 | 2.423689 | 23.20163 | 2.411617 | 1.294786 |
| Stddev | .001933  | .028371  | .005976  | .06788   | .006096  | .001149  |
| %RSD   | .1450178 | .5715752 | .2465541 | .2925527 | .2527567 | .0887310 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.335069 | 4.931656 | 2.417209 | 23.13797 | 2.413393 | 1.293692 |
| #2 | 1.331729 | 4.973424 | 2.428983 | 23.27306 | 2.416627 | 1.294683 |
| #3 | 1.331713 | 4.985801 | 2.424875 | 23.19388 | 2.404830 | 1.295983 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.74793 | 2.418433 | 2.455945 | 25.05200 | 4.888230 | 5.266557 |
| Stddev | .11417   | .008246  | .006485  | .13996   | .003710  | .010429  |
| %RSD   | .4807699 | .3409731 | .2640515 | .5586960 | .0758894 | .1980307 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 23.77118 | 2.416480 | 2.448619 | 24.96285 | 4.884439 | 5.270606 |
| #2 | 23.62392 | 2.411338 | 2.458267 | 24.97984 | 4.891852 | 5.274355 |
| #3 | 23.84868 | 2.427480 | 2.460950 | 25.21332 | 4.888400 | 5.254710 |

Sample Name: CCV06      Acquired: 6/7/2023 18:51:39      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707     |
|--------|----------|----------|----------|----------|----------|------------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 5.159809 | 5.007456 | 5.172653 | 4.573259 | 4.596229 | F 4.453897 |
| Stddev | .015386  | .002864  | .066144  | .007603  | .014065  | .012554    |
| %RSD   | .2981850 | .0572048 | 1.278719 | .1662563 | .3060084 | .2818616   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.161693 | 5.007847 | 5.134867 | 4.576703 | 4.603355 | 4.459151 |
| #2 | 5.174167 | 5.004416 | 5.134064 | 4.578531 | 4.605304 | 4.439570 |
| #3 | 5.143568 | 5.010105 | 5.249028 | 4.564543 | 4.580027 | 4.462970 |

| Elem   | Sr4077   | Ce4040  |
|--------|----------|---------|
| Units  | ppm      | Cts/S   |
| Avg    | 4.821309 | Z ***** |
| Stddev | .044238  | -----   |
| %RSD   | .9175482 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | 4.779152 | Z 2984.968 |
| #2 | 4.817406 | Z 2987.413 |
| #3 | 4.867369 | Z 2975.319 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3915.434 | 56956.89 | 9726.781 | 3573.059 | 3323.597 |
| Stddev    | 11.561   | 19.29    | 18.758   | 6.662    | 11.519   |
| %RSD      | .2952565 | .0338669 | .1928461 | .1864466 | .3465891 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3911.257 | 56934.94 | 9717.075 | 3575.984 | 3320.245 |
| #2 | 3906.543 | 56971.15 | 9714.865 | 3565.435 | 3314.126 |
| #3 | 3928.503 | 56964.57 | 9748.403 | 3577.757 | 3336.421 |

Sample Name: CCB06      Acquired: 6/7/2023 18:55:25      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005509 | .0013688 | .0011948 | .0009455 | -.001561 | -.004841 |
| Stddev | .0022900 | .0014806 | .0008357 | .0015090 | .000333  | .006639  |
| %RSD   | 415.6688 | 108.1637 | 69.94531 | 159.6034 | 21.36441 | 137.1283 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.002087 | .0030738 | .0018498 | .0026787 | -.001390 | .000365  |
| #2 | .002030  | .0004075 | .0014810 | .0002342 | -.001945 | -.002572 |
| #3 | .001710  | .0006251 | .0002536 | -.000076 | -.001347 | -.012318 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.012303 | -.000080 | -.000014 | -.000432 | .0000206 | -.000274 |
| Stddev | .000427  | .000056  | .000122  | .007834  | .0001243 | .000042  |
| %RSD   | 3.471792 | 70.04153 | 864.7731 | 1811.391 | 602.7634 | 15.41384 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.012540 | -.000143 | .000096  | -.000270 | -.000090 | -.000260 |
| #2 | -.012558 | -.000037 | -.000144 | -.008346 | .000155  | -.000240 |
| #3 | -.011810 | -.000059 | .000006  | .007319  | -.000003 | -.000321 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019461 | -.003547 | -.000367 | -.016563 | -.000043 | .0009056 |
| Stddev | .0001528 | .002811  | .000183  | .020271  | .000160  | .0001114 |
| %RSD   | 7.850528 | 79.24413 | 49.84683 | 122.3921 | 369.6496 | 12.29993 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0018512 | -.002673 | -.000573 | -.036140 | .000095  | .0007880 |
| #2 | .0018649 | -.001277 | -.000226 | .004338  | -.000006 | .0010095 |
| #3 | .0021224 | -.006690 | -.000301 | -.017886 | -.000219 | .0009192 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.563025 | -.001379 | -.000131 | .0762717 | .0053570 | .0015961 |
| Stddev | .005799  | .001594  | .000208  | .0221181 | .0013458 | .0005552 |
| %RSD   | 1.029994 | 115.5906 | 158.3466 | 28.99912 | 25.12279 | 34.78492 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.560710 | -.002781 | .000107  | .0743150 | .0066479 | .0022365 |
| #2 | -.569624 | -.001712 | -.000276 | .0551970 | .0054609 | .0013030 |
| #3 | -.558742 | .000355  | -.000226 | .0993032 | .0039622 | .0012489 |

Sample Name: CCB06      Acquired: 6/7/2023 18:55:25      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                   |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm               |
| Avg    | <b>-.000843</b> | <b>.0035421</b> | <b>.0058370</b> | <b>-.002658</b> | <b>-.004443</b> | <b>F -.013065</b> |
| Stddev | .000866         | .0006123        | .0032620        | .002699         | .005053         | .001762           |
| %RSD   | 102.6987        | 17.28688        | 55.88552        | 101.5716        | 113.7253        | 13.48393          |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000017</b> | <b>.0032386</b> | <b>.0022603</b> | <b>-.002733</b> | <b>.001118</b>  | <b>-.012424</b> |
| #2 | <b>-.000769</b> | <b>.0042468</b> | <b>.0086482</b> | <b>-.005319</b> | <b>-.005695</b> | <b>-.015058</b> |
| #3 | <b>-.001743</b> | <b>.0031408</b> | <b>.0066025</b> | <b>.000079</b>  | <b>-.008753</b> | <b>-.011714</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>-.000121</b> | <b>z *****</b> |
| Stddev | .000077         | -----          |
| %RSD   | 64.17352        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>-.000035</b> | <b>z 2809.932</b> |
| #2 | <b>-.000187</b> | <b>z 2835.841</b> |
| #3 | <b>-.000140</b> | <b>z 2814.519</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>4120.509</b> | <b>58430.96</b> | <b>10132.44</b> | <b>3694.828</b> | <b>3769.035</b> |
| Stddev    | 3.650           | 49.80           | 12.58           | 11.782          | 6.649           |
| %RSD      | .0885863        | .0852306        | .1241647        | .3188691        | .1764217        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>4116.345</b> | <b>58380.24</b> | <b>10144.87</b> | <b>3684.833</b> | <b>3761.357</b> |
| #2 | <b>4122.027</b> | <b>58479.78</b> | <b>10132.73</b> | <b>3691.834</b> | <b>3772.816</b> |
| #3 | <b>4123.155</b> | <b>58432.87</b> | <b>10119.71</b> | <b>3707.818</b> | <b>3772.931</b> |



Sample Name: O3046-07      Acquired: 6/7/2023 18:59:27      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: COMP-2-6-10      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0154121 | -.033406 | .0155642 | -.052114 | .0216352 | 49.24479 |
| Stddev | .0026362 | .001839  | .0019810 | .005734  | .0016258 | .69430   |
| %RSD   | 17.10501 | 5.505784 | 12.72821 | 11.00226 | 7.514498 | 1.409889 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0177993 | -.031410 | .0170941 | -.056978 | .0234428 | 49.69521 |
| #2 | .0158543 | -.035033 | .0162721 | -.053572 | .0211703 | 49.59394 |
| #3 | .0125827 | -.033776 | .0133265 | -.045792 | .0202925 | 48.44522 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 2.140810 | .0039504 | -.000517 | F 1814.981 | .2641730 | .0105164 |
| Stddev | .033573  | .0000859 | .000223  | 18.684     | .0004383 | .0002969 |
| %RSD   | 1.568236 | 2.173686 | 43.15083 | 1.029420   | .1659227 | 2.823423 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.165941 | .0040477 | -.000431 | 1832.953 | .2640336 | .0101893 |
| #2 | 2.153807 | .0039182 | -.000771 | 1816.330 | .2638213 | .0105910 |
| #3 | 2.102682 | .0038853 | -.000350 | 1795.659 | .2646640 | .0107689 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.155292 | 316.8159 | 4.116498 | 45.88933 | .0641677 | .0073303 |
| Stddev | .003386  | 1.2977   | .052232  | .54873   | .0004806 | .0003572 |
| %RSD   | 2.180092 | .4096159 | 1.268853 | 1.195769 | .7490055 | 4.872724 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.151475 | 315.4450 | 4.144852 | 46.13733 | .0646965 | .0074826 |
| #2 | -.157931 | 318.0254 | 4.148422 | 46.27029 | .0640494 | .0075862 |
| #3 | -.156472 | 316.9773 | 4.056221 | 45.26038 | .0637574 | .0069222 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 63.44743 | .4039736 | .0505436 | 55.90693 | .3449514 | .1732115 |
| Stddev | .10507   | .0080477 | .0012535 | .21991   | .0019415 | .0005370 |
| %RSD   | .1656067 | 1.992128 | 2.480069 | .3933473 | .5628250 | .3100541 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 63.38722 | .4106774 | .0500684 | 55.65709 | .3447820 | .1738207 |
| #2 | 63.56876 | .4061949 | .0495970 | 56.07117 | .3431002 | .1730076 |
| #3 | 63.38632 | .3950486 | .0519652 | 55.99253 | .3469720 | .1728063 |

Sample Name: O3046-07      Acquired: 6/7/2023 18:59:27      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: COMP-2-6-10      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .0069623 | 3.650807 | F 88.03941 | .5190058 | F 149.8271 | .2210925 |
| Stddev | .0004838 | .053623  | .29621     | .0051096 | .1833      | .0016707 |
| %RSD   | 6.948203 | 1.468812 | .3364511   | .9844880 | .1223243   | .7556501 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0064983 | 3.690805 | 87.82461 | .5150798 | 150.0336 | .2223708 |
| #2 | .0074636 | 3.671741 | 88.37732 | .5247829 | 149.6838 | .2217047 |
| #3 | .0069249 | 3.589874 | 87.91629 | .5171546 | 149.7640 | .2192021 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | 3.705025 | Z ***** |
| Stddev | .051950  | -----   |
| %RSD   | 1.402148 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | 3.744262 | Z 5843.626 |
| #2 | 3.724702 | Z 5822.227 |
| #3 | 3.646111 | Z 5831.984 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3590.530 | 52561.11 | 10105.20 | 3245.359 | 2642.823 |
| Stddev    | 7.847    | 103.26   | 158.38   | 4.426    | 3.464    |
| %RSD      | .2185450 | .1964569 | 1.567263 | .1363946 | .1310788 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3584.244 | 52619.12 | 9995.33  | 3248.904 | 2638.966 |
| #2 | 3588.021 | 52441.89 | 10033.53 | 3240.398 | 2643.833 |
| #3 | 3599.324 | 52622.32 | 10286.74 | 3246.776 | 2645.670 |

Sample Name: O3046-13      Acquired: 6/7/2023 19:03:31      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: COMP-3-11-15 Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0183198 | -.118834 | .2019758 | -.074333 | .0399581 | 193.6584 |
| Stddev | .0015749 | .001990  | .0049648 | .005321  | .0015096 | .4838    |
| %RSD   | 8.596489 | 1.674672 | 2.458123 | 7.158774 | 3.777917 | .2498134 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0172122 | -.117742 | .2074187 | -.078968 | .0384187 | 193.4657 |
| #2 | .0176246 | -.121131 | .2008134 | -.068522 | .0400198 | 193.3006 |
| #3 | .0201227 | -.117628 | .1976953 | -.075510 | .0414359 | 194.2088 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 2.942332 | .0180907 | .0377227 | F 1663.345 | .9022064 | .0945545 |
| Stddev | .003082  | .0000767 | .0006220 | 19.192     | .0040161 | .0002512 |
| %RSD   | .1047443 | .4241869 | 1.648987 | 1.153844   | .4451422 | .2656192 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.944244 | .0181618 | .0384346 | 1658.557 | .8984310 | .0942835 |
| #2 | 2.938777 | .0180094 | .0374493 | 1647.000 | .9064262 | .0946007 |
| #3 | 2.943976 | .0181009 | .0372841 | 1684.478 | .9017620 | .0947794 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.277990 | 774.7566 | 12.02228 | 83.14128 | .2874536 | .0150988 |
| Stddev | .017436  | 8.1276   | .04435   | .16084   | .0014038 | .0006933 |
| %RSD   | 6.272169 | 1.049058 | .3688793 | .1934593 | .4883394 | 4.591813 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.260430 | 766.0893 | 12.01635 | 83.07553 | .2858699 | .0146863 |
| #2 | -.295299 | 782.2076 | 11.98120 | 83.02373 | .2879464 | .0158993 |
| #3 | -.278242 | 775.9728 | 12.06929 | 83.32459 | .2885446 | .0147109 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 45.32505 | .6408445 | 1.506572 | 114.1102 | .8091441 | .1118242 |
| Stddev | .32746   | .0018019 | .002821  | .6181    | .0125585 | .0002963 |
| %RSD   | .7224734 | .2811723 | .1872146 | .5416458 | 1.552072 | .2649999 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 45.12515 | .6401625 | 1.503354 | 113.5400 | .7966046 | .1120792 |
| #2 | 45.70296 | .6394832 | 1.507752 | 114.7670 | .8217215 | .1114991 |
| #3 | 45.14703 | .6428879 | 1.508611 | 114.0237 | .8091063 | .1118943 |

Sample Name: O3046-13      Acquired: 6/7/2023 19:03:31      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: COMP-3-11-15 Custom ID2:      Custom ID3:  
Comment:

| Elem   | Sn1899          | Ti3361            | Si2881            | P_1774            | S_1820            | Li6707          |
|--------|-----------------|-------------------|-------------------|-------------------|-------------------|-----------------|
| Units  | ppm             | ppm               | ppm               | ppm               | ppm               | ppm             |
| Avg    | <b>.0768640</b> | <b>F 11.09137</b> | <b>F 523.5593</b> | <b>F 62.53325</b> | <b>F 183.2727</b> | <b>.2118355</b> |
| Stddev | .0017757        | .01413            | 4.5559            | .06218            | .1756             | .0046200        |
| %RSD   | 2.310162        | .1273961          | .8701779          | .0994405          | .0957946          | 2.180937        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0788438 | 11.08041 | 519.2514 | 62.47538 | 183.1485 | .2147509 |
| #2 | .0754121 | 11.08638 | 528.3282 | 62.59900 | 183.4736 | .2065087 |
| #3 | .0763360 | 11.10731 | 523.0982 | 62.52537 | 183.1960 | .2142468 |

| Elem   | Sr4077          | Ce4040         |
|--------|-----------------|----------------|
| Units  | ppm             | Cts/S          |
| Avg    | <b>3.197236</b> | <b>Z *****</b> |
| Stddev | .003270         | -----          |
| %RSD   | .1022719        | -----          |

|    |          |                   |
|----|----------|-------------------|
| #1 | 3.198435 | <b>Z 9322.028</b> |
| #2 | 3.193536 | <b>Z 9333.150</b> |
| #3 | 3.199738 | <b>Z 9348.632</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>4607.167</b> | <b>68339.32</b> | <b>13028.68</b> | <b>4175.186</b> | <b>2460.165</b> |
| Stddev    | 10.270          | 364.64          | 39.42           | 14.180          | 2.935           |
| %RSD      | .2229108        | .5335747        | .3026005        | .3396370        | .1193083        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4596.280 | 68539.38 | 13000.75 | 4191.209 | 2458.948 |
| #2 | 4608.539 | 67918.44 | 13073.78 | 4164.253 | 2458.034 |
| #3 | 4616.682 | 68560.14 | 13011.51 | 4170.096 | 2463.513 |

Sample Name: O3047-07      Acquired: 6/7/2023 19:07:40      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MW-41      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0042423 | -.001809 | .1875623 | -.000706 | .0043376 | 4.580635 |
| Stddev | .0032520 | .001765  | .0018697 | .002079  | .0009459 | .157239  |
| %RSD   | 76.65646 | 97.57680 | .9968510 | 294.3352 | 21.80780 | 3.432682 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0007454 | .000220  | .1882350 | -.001638 | .0046498 | 4.411428 |
| #2 | .0048056 | -.002658 | .1890027 | .001675  | .0032751 | 4.608223 |
| #3 | .0071759 | -.002988 | .1854494 | -.002157 | .0050880 | 4.722254 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0186363 | .0001598 | .0000715 | 24.12314 | .0165487 | .0031312 |
| Stddev | .0021072 | .0000202 | .0000379 | .72193   | .0004959 | .0001721 |
| %RSD   | 11.30720 | 12.65193 | 52.99792 | 2.992695 | 2.996340 | 5.497168 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0163804 | .0001427 | .0000630 | 23.34656 | .0165290 | .0033286 |
| #2 | .0189745 | .0001545 | .0000386 | 24.24899 | .0170542 | .0030524 |
| #3 | .0205540 | .0001821 | .0001129 | 24.77388 | .0160630 | .0030125 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1683643 | 7.109392 | .0724169 | 3.468761 | .0307003 | .0014058 |
| Stddev | .0016741 | .062628  | .0023198 | .106687  | .0005268 | .0005995 |
| %RSD   | .9943061 | .8809257 | 3.203349 | 3.075642 | 1.715958 | 42.64166 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1702543 | 7.038253 | .0700356 | 3.352626 | .0313033 | .0011559 |
| #2 | .1677706 | 7.133703 | .0725454 | 3.491240 | .0304681 | .0020898 |
| #3 | .1670679 | 7.156220 | .0746698 | 3.562417 | .0303295 | .0009717 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 157.3342 | .0156586 | .2033135 | 4.166250 | .0484777 | .0049450 |
| Stddev | 1.2852   | .0011521 | .0009056 | .009448  | .0013133 | .0001015 |
| %RSD   | .8168910 | 7.357864 | .4454041 | .2267848 | 2.709056 | 2.051691 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 155.8818 | .0155965 | .2034286 | 4.161279 | .0469648 | .0050621 |
| #2 | 157.7961 | .0168405 | .2041560 | 4.177146 | .0491437 | .0048843 |
| #3 | 158.3246 | .0145387 | .2023559 | 4.160324 | .0493245 | .0048885 |

Sample Name: O3047-07      Acquired: 6/7/2023 19:07:40      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MW-41      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820   | Li6707   |
|--------|----------|----------|------------|------------|----------|----------|
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | .0024092 | .1722264 | F 14.88855 | F 18.02573 | 2.686775 | -.006335 |
| Stddev | .0004415 | .0057502 | .13251     | .15932     | .031992  | .001862  |
| %RSD   | 18.32556 | 3.338727 | .8899883   | .8838287   | 1.190739 | 29.38804 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0029147 | .1655886 | 14.75308 | 18.20892 | 2.723654 | -.007565 |
| #2 | .0020988 | .1756830 | 14.89471 | 17.94871 | 2.670197 | -.007247 |
| #3 | .0022142 | .1754076 | 15.01788 | 17.91956 | 2.666474 | -.004193 |

| Elem   | Sr4077   | Ce4040  |
|--------|----------|---------|
| Units  | ppm      | Cts/S   |
| Avg    | .1077332 | Z ***** |
| Stddev | .0035864 | -----   |
| %RSD   | 3.328994 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .1038291 | Z 2930.713 |
| #2 | .1084890 | Z 2930.248 |
| #3 | .1108815 | Z 2939.485 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3930.748 | 56834.62 | 10203.47 | 3576.033 | 3343.436 |
| Stddev    | 39.373   | 103.91   | 220.54   | 19.046   | 31.884   |
| %RSD      | 1.001670 | .1828277 | 2.161453 | .5325970 | .9536218 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3885.605 | 56894.20 | 10449.50 | 3565.675 | 3307.390 |
| #2 | 3948.647 | 56714.64 | 10137.37 | 3564.410 | 3354.968 |
| #3 | 3957.992 | 56895.03 | 10023.53 | 3598.013 | 3367.949 |

Sample Name: O3047-08      Acquired: 6/7/2023 19:11:35      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MW-41      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0025793 | -.002009 | .0108208 | .0023803 | -.001516 | .0835794 | .0087961 |
| Stddev | .0010194 | .000426  | .0004618 | .0008965 | .000990  | .0050023 | .0023207 |
| %RSD   | 39.52186 | 21.18188 | 4.267325 | 37.66188 | 65.34935 | 5.985095 | 26.38380 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0026786 | -.002045 | .0113271 | .0033087 | -.001787 | .0875951 | .0112875 |
| #2 | .0035455 | -.001566 | .0107121 | .0015197 | -.000418 | .0779759 | .0066957 |
| #3 | .0015139 | -.002415 | .0104230 | .0023125 | -.002342 | .0851673 | .0084051 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000006 | -.000009 | 15.12694 | .0022240 | .0008464 | .0705772 | .5002313 |
| Stddev | .000016  | .000027  | .26063   | .0000771 | .0000631 | .0001671 | .0008722 |
| %RSD   | 273.9597 | 293.4288 | 1.722923 | 3.464986 | 7.449127 | .2367228 | .1743549 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000012  | .000017  | 14.94758 | .0022541 | .0008856 | .0707541 | .5000174 |
| #2 | -.000010 | -.000008 | 15.00733 | .0021365 | .0008800 | .0704221 | .4994859 |
| #3 | -.000020 | -.000037 | 15.42590 | .0022815 | .0007737 | .0705554 | .5011905 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0814035 | 2.099574 | .0105407 | .0009901 | 96.25429 | .0054900 | .0405747 |
| Stddev | .0014666 | .043721  | .0001757 | .0004110 | 1.21284  | .0028583 | .0005321 |
| %RSD   | 1.801598 | 2.082369 | 1.667348 | 41.51136 | 1.260035 | 52.06325 | 1.311360 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0803677 | 2.058379 | .0107301 | .0006122 | 96.17326 | .0030924 | .0404397 |
| #2 | .0807610 | 2.094899 | .0103829 | .0014277 | 95.08400 | .0086531 | .0401230 |
| #3 | .0830816 | 2.145445 | .0105090 | .0009304 | 97.50561 | .0047246 | .0411612 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.201684 | .0298072 | .0028042 | .0000572 | .0125658 | 5.257981 | 9.766717 |
| Stddev | .032282  | .0002976 | .0001130 | .0002384 | .0020740 | .052253  | .053975  |
| %RSD   | 1.466233 | .9982459 | 4.029856 | 416.9058 | 16.50506 | .9937911 | .5526422 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.165367 | .0299176 | .0026740 | -.000201 | .0138334 | 5.263928 | 9.749756 |
| #2 | 2.212566 | .0294702 | .0028610 | .000269  | .0101723 | 5.203009 | 9.827136 |
| #3 | 2.227118 | .0300338 | .0028775 | .000104  | .0136916 | 5.307006 | 9.723260 |

Sample Name: O3047-08      Acquired: 6/7/2023 19:11:35      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: MW-41      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.838627 | -.006897 | .0684108 | Z ***** |
| Stddev | .009789  | .005531  | .0013150 | -----   |
| %RSD   | .5324352 | 80.19425 | 1.922199 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.836079 | -.013205 | .0674415 | Z 2943.945 |
| #2 | 1.849439 | -.002877 | .0678832 | Z 2950.989 |
| #3 | 1.830364 | -.004610 | .0699076 | Z 2948.651 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4065.432 | 57335.04 | 9444.670 | 3665.241 | 3556.118 |
| Stddev    | 24.786   | 528.18   | 120.342  | 31.413   | 20.538   |
| %RSD      | .6096871 | .9212164 | 1.274176 | .8570501 | .5775517 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4066.573 | 57166.88 | 9510.485 | 3647.032 | 3558.021 |
| #2 | 4040.095 | 57926.83 | 9517.750 | 3701.514 | 3534.694 |
| #3 | 4089.628 | 56911.42 | 9305.775 | 3647.178 | 3575.639 |



Sample Name: O3047-10      Acquired: 6/7/2023 19:15:33      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: TWP-07      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.007717</b> | <b>-.002981</b> | <b>.0831273</b> | <b>-.025600</b> | <b>.0121202</b> | <b>109.6016</b> |
| Stddev | .001857         | .000224         | .0022126        | .002681         | .0019209        | .6856           |
| %RSD   | 24.07073        | 7.510020        | 2.661741        | 10.47124        | 15.84869        | .6255295        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.008457</b> | <b>-.003117</b> | <b>.0856603</b> | <b>-.028291</b> | <b>.0099568</b> | <b>108.9251</b> |
| #2 | <b>-.009089</b> | <b>-.003104</b> | <b>.0821499</b> | <b>-.025580</b> | <b>.0127779</b> | <b>109.5840</b> |
| #3 | <b>-.005603</b> | <b>-.002723</b> | <b>.0815716</b> | <b>-.022930</b> | <b>.0136259</b> | <b>110.2959</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.243662</b> | <b>.0046109</b> | <b>-.002085</b> | <b>61.69060</b> | <b>.4241916</b> | <b>.1269781</b> |
| Stddev | .010053         | .0000570        | .000300         | .36812          | .0017324        | .0013222        |
| %RSD   | .8083183        | 1.235420        | 14.37440        | .5967171        | .4083929        | 1.041284        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.234808</b> | <b>.0045452</b> | <b>-.001746</b> | <b>61.33144</b> | <b>.4222356</b> | <b>.1285037</b> |
| #2 | <b>1.241587</b> | <b>.0046462</b> | <b>-.002194</b> | <b>61.67328</b> | <b>.4255323</b> | <b>.1262650</b> |
| #3 | <b>1.254590</b> | <b>.0046415</b> | <b>-.002314</b> | <b>62.06707</b> | <b>.4248069</b> | <b>.1261655</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2877144</b> | <b>271.2570</b> | <b>4.935583</b> | <b>89.83274</b> | <b>.6482525</b> | <b>.0076649</b> |
| Stddev | .0067958        | .6025           | .022495         | .65908          | .0059165        | .0004145        |
| %RSD   | 2.361997        | .2221006        | .4557639        | .7336699        | .9126917        | 5.407131        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2955528</b> | <b>270.5824</b> | <b>4.910818</b> | <b>89.31670</b> | <b>.6550819</b> | <b>.0074590</b> |
| #2 | <b>.2841154</b> | <b>271.7412</b> | <b>4.941183</b> | <b>89.60635</b> | <b>.6449957</b> | <b>.0081420</b> |
| #3 | <b>.2834751</b> | <b>271.4475</b> | <b>4.954749</b> | <b>90.57518</b> | <b>.6446799</b> | <b>.0073937</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>178.4581</b> | <b>.3204072</b> | <b>.3232344</b> | <b>47.96157</b> | <b>.1612139</b> | <b>.0034852</b> |
| Stddev | .4176           | .0035916        | .0011461        | .06652          | .0022666        | .0001216        |
| %RSD   | .2340273        | 1.120945        | .3545708        | .1386900        | 1.405967        | 3.488866        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>178.6518</b> | <b>.3204513</b> | <b>.3232992</b> | <b>47.88615</b> | <b>.1627051</b> | <b>.0035939</b> |
| #2 | <b>177.9788</b> | <b>.3167938</b> | <b>.3220572</b> | <b>48.01185</b> | <b>.1623311</b> | <b>.0035077</b> |
| #3 | <b>178.7437</b> | <b>.3239765</b> | <b>.3243467</b> | <b>47.98672</b> | <b>.1586056</b> | <b>.0033539</b> |

Sample Name: O3047-10      Acquired: 6/7/2023 19:15:33      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: TWP-07      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |            |          |            |          |
|--------|----------|------------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361     | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm        | ppm        | ppm      | ppm        | ppm      |
| Avg    | .0304206 | F 10.40202 | F 84.89316 | 4.016349 | F 41.65613 | -.002652 |
| Stddev | .0005230 | .07012     | .15299     | .037906  | .28350     | .000769  |
| %RSD   | 1.719342 | .6740652   | .1802171   | .9437948 | .6805706   | 28.99135 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0299644 | 10.33827 | 84.71921 | 4.059508 | 41.97586 | -.002022 |
| #2 | .0309914 | 10.39068 | 84.95341 | 3.988460 | 41.55709 | -.003508 |
| #3 | .0303059 | 10.47712 | 85.00685 | 4.001079 | 41.43543 | -.002425 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .1315076 | Z ***** |
| Stddev | .0014278 | -----   |
| %RSD   | 1.085743 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .1304529 | Z 4530.184 |
| #2 | .1309375 | Z 4527.639 |
| #3 | .1331324 | Z 4518.609 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4220.028 | 59909.54 | 10753.06 | 3774.770 | 3110.300 |
| Stddev    | 36.517   | 106.06   | 31.72    | 19.349   | 29.557   |
| %RSD      | .8653314 | .1770317 | .2949885 | .5125791 | .9502886 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4178.117 | 59800.36 | 10759.55 | 3752.644 | 3076.383 |
| #2 | 4236.976 | 59916.10 | 10781.04 | 3788.515 | 3123.961 |
| #3 | 4244.993 | 60012.17 | 10718.60 | 3783.152 | 3130.555 |

Sample Name: O3047-11      Acquired: 6/7/2023 19:19:30      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: TWP-07      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001594</b> | <b>-.002076</b> | <b>-.000217</b> | <b>-.001642</b> | <b>-.001688</b> | <b>.0160142</b> |
| Stddev | .002130         | .001894         | .001218         | .005494         | .000536         | .0043854        |
| %RSD   | 133.6105        | 91.22884        | 562.3730        | 334.5911        | 31.78851        | 27.38440        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001449</b> | <b>-.003136</b> | <b>-.000839</b> | <b>-.006544</b> | <b>-.001109</b> | <b>.0141112</b> |
| #2 | <b>-.003794</b> | <b>.000111</b>  | <b>-.000998</b> | <b>.004296</b>  | <b>-.002169</b> | <b>.0210296</b> |
| #3 | <b>.000459</b>  | <b>-.003202</b> | <b>.001187</b>  | <b>-.002678</b> | <b>-.001785</b> | <b>.0129017</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0935238</b> | <b>-.000041</b> | <b>.0000284</b> | <b>66.57877</b> | <b>.0003787</b> | <b>.0098103</b> |
| Stddev | .0055585        | .000040         | .0000426        | 2.06463         | .0001320        | .0002278        |
| %RSD   | 5.943371        | 95.70518        | 149.9071        | 3.101039        | 34.84522        | 2.321826        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0874256</b> | <b>-.000082</b> | <b>.0000403</b> | <b>64.19478</b> | <b>.0005039</b> | <b>.0097311</b> |
| #2 | <b>.0983066</b> | <b>-.000040</b> | <b>.0000638</b> | <b>67.78312</b> | <b>.0003913</b> | <b>.0100671</b> |
| #3 | <b>.0948392</b> | <b>-.000003</b> | <b>-.000019</b> | <b>67.75841</b> | <b>.0002409</b> | <b>.0096327</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0064249</b> | <b>.0582679</b> | <b>.7554884</b> | <b>55.04663</b> | <b>.0419372</b> | <b>.0009531</b> |
| Stddev | .0009281        | .0063403        | .0251439        | 1.77686         | .0001311        | .0002607        |
| %RSD   | 14.44506        | 10.88120        | 3.328167        | 3.227916        | .3127402        | 27.35123        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0056339</b> | <b>.0603850</b> | <b>.7265176</b> | <b>52.99692</b> | <b>.0419582</b> | <b>.0008891</b> |
| #2 | <b>.0074465</b> | <b>.0632787</b> | <b>.7683188</b> | <b>55.99226</b> | <b>.0417969</b> | <b>.0007304</b> |
| #3 | <b>.0061942</b> | <b>.0511400</b> | <b>.7716286</b> | <b>56.15069</b> | <b>.0420567</b> | <b>.0012398</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>202.2949</b> | <b>-.002615</b> | <b>.0354672</b> | <b>7.811187</b> | <b>.0223728</b> | <b>.0028152</b> |
| Stddev | 2.1760          | .000475         | .0002970        | .078310         | .0010899        | .0003761        |
| %RSD   | 1.075665        | 18.14684        | .8374866        | 1.002532        | 4.871381        | 13.36103        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>201.1753</b> | <b>-.002805</b> | <b>.0355113</b> | <b>7.729634</b> | <b>.0213462</b> | <b>.0024947</b> |
| #2 | <b>204.8028</b> | <b>-.002965</b> | <b>.0357396</b> | <b>7.818137</b> | <b>.0222558</b> | <b>.0027217</b> |
| #3 | <b>200.9067</b> | <b>-.002075</b> | <b>.0351505</b> | <b>7.885790</b> | <b>.0235165</b> | <b>.0032293</b> |

Sample Name: O3047-11      Acquired: 6/7/2023 19:19:30      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: TWP-07      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                   |                 |                   |                 |
|--------|-----------------|-----------------|-------------------|-----------------|-------------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820            | Li6707          |
| Units  | ppm             | ppm             | ppm               | ppm             | ppm               | ppm             |
| Avg    | <b>-.001188</b> | <b>.0042780</b> | <b>F 16.84892</b> | <b>.0256274</b> | <b>F 45.37656</b> | <b>.0066365</b> |
| Stddev | .000344         | .0003235        | .10249            | .0010476        | .05476            | .0030033        |
| %RSD   | 28.94201        | 7.562553        | .6082994          | 4.087954        | .1206708          | 45.25397        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001576</b> | <b>.0043280</b> | <b>16.73198</b> | <b>.0257268</b> | <b>45.31340</b> | <b>.0065833</b> |
| #2 | <b>-.000923</b> | <b>.0039323</b> | <b>16.89161</b> | <b>.0245336</b> | <b>45.40571</b> | <b>.0036602</b> |
| #3 | <b>-.001064</b> | <b>.0045736</b> | <b>16.92316</b> | <b>.0266218</b> | <b>45.41057</b> | <b>.0096660</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>.4006588</b> | <b>Z *****</b> |
| Stddev | .0137426        | -----          |
| %RSD   | 3.429993        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>.3848786</b> | <b>Z 3043.030</b> |
| #2 | <b>.4071010</b> | <b>Z 3070.596</b> |
| #3 | <b>.4099968</b> | <b>Z 3042.282</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>3758.443</b> | <b>53324.29</b> | <b>9814.814</b> | <b>3383.288</b> | <b>3206.685</b> |
| Stddev    | 2.134           | 241.39          | 246.887         | 16.226          | 3.534           |
| %RSD      | .0567891        | .4526771        | 2.515456        | .4795891        | .1101996        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3760.866</b> | <b>53342.72</b> | <b>10097.60</b> | <b>3374.626</b> | <b>3210.057</b> |
| #2 | <b>3756.842</b> | <b>53074.22</b> | <b>9642.13</b>  | <b>3373.231</b> | <b>3203.009</b> |
| #3 | <b>3757.622</b> | <b>53555.94</b> | <b>9704.72</b>  | <b>3402.007</b> | <b>3206.988</b> |

Sample Name: O3039-01      Acquired: 6/7/2023 19:23:33      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB30A      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1462868</b> | <b>-.022529</b> | <b>1.189405</b> | <b>-.025866</b> | <b>.0062080</b> | <b>94.77493</b> | <b>.9604316</b> |
| Stddev | .0007189        | .001342         | .001796         | .001893         | .0024640        | .38520          | .0014641        |
| %RSD   | .4914154        | 5.958648        | .1509801        | 7.319311        | 39.69113        | .4064407        | .1524396        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1471167 | -.023964 | 1.190738 | -.023736 | .0055001 | 94.33033 | .9621221 |
| #2 | .1458828 | -.022321 | 1.187363 | -.027358 | .0089485 | 95.00843 | .9595750 |
| #3 | .1458607 | -.021303 | 1.190114 | -.026503 | .0041755 | 94.98605 | .9595977 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0067172</b> | <b>.0024856</b> | <b>256.7094</b> | <b>.1918209</b> | <b>.0957320</b> | <b>.3513675</b> | <b>244.8861</b> |
| Stddev | .0001278        | .0002028        | .5718           | .0004838        | .0003068        | .0030047        | 1.9147          |
| %RSD   | 1.902544        | 8.157655        | .2227383        | .2522060        | .3204560        | .8551309        | .7818833        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0065795 | .0027153 | 256.0941 | .1912623 | .0953793 | .3545399 | 242.7059 |
| #2 | .0067400 | .0024100 | 257.2243 | .1921026 | .0958805 | .3509977 | 245.6579 |
| #3 | .0068321 | .0023315 | 256.8098 | .1920979 | .0959363 | .3485649 | 246.2944 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.212552</b> | <b>100.7094</b> | <b>.3046213</b> | <b>.0060298</b> | <b>.9992845</b> | <b>.3207418</b> | <b>.9002602</b> |
| Stddev | .021366         | .2573           | .0008875        | .0006270        | .0063925        | .0034663        | .0024470        |
| %RSD   | .6650844        | .2555002        | .2913278        | 10.39766        | .6397030        | 1.080706        | .2718061        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.187996 | 100.4243 | .3043742 | .0054871 | .9966169 | .3170444 | .9029391 |
| #2 | 3.222758 | 100.7793 | .3056061 | .0067161 | 1.006579 | .3239179 | .8981427 |
| #3 | 3.226900 | 100.9244 | .3038836 | .0058862 | .994658  | .3212633 | .8996987 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>11.91365</b> | <b>.1497493</b> | <b>.0117835</b> | <b>.0437207</b> | <b>3.647903</b> | <b>6.021945</b> | <b>6.608196</b> |
| Stddev | .12052          | .0021613        | .0000267        | .0003838        | .006161         | .009350         | .007716         |
| %RSD   | 1.011606        | 1.443270        | .2267915        | .8777875        | .1688947        | .1552636        | .1167675        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.78053 | .1474023 | .0117742 | .0438436 | 3.641604 | 6.028971 | 6.610944 |
| #2 | 11.94508 | .1501881 | .0118136 | .0440280 | 3.653917 | 6.025532 | 6.599482 |
| #3 | 12.01533 | .1516575 | .0117627 | .0432905 | 3.648189 | 6.011333 | 6.614162 |

Sample Name: O3039-01      Acquired: 6/7/2023 19:23:33      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB30A      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 6.844761 | .0461050 | .4077524 | Z ***** |
| Stddev | .007997  | .0012706 | .0024138 | -----   |
| %RSD   | .1168335 | 2.756003 | .5919856 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 6.853925 | .0470117 | .4049688 | Z 4685.813 |
| #2 | 6.839194 | .0466506 | .4092687 | Z 4673.315 |
| #3 | 6.841164 | .0446526 | .4090197 | Z 4688.136 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4414.174 | 63782.13 | 11655.24 | 4024.909 | 3120.325 |
| Stddev    | 2.159    | 178.53   | 14.59    | 12.313   | 4.476    |
| %RSD      | .0489011 | .2799002 | .1251794 | .3059180 | .1434414 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4413.361 | 63947.12 | 11668.93 | 4018.671 | 3117.440 |
| #2 | 4412.540 | 63806.67 | 11656.89 | 4039.092 | 3125.481 |
| #3 | 4416.621 | 63592.61 | 11639.90 | 4016.963 | 3118.054 |

Sample Name: O3039-01DUP      Acquired: 6/7/2023 19:27:19      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB30ADUP      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1490968 | -.021102 | 1.184585 | -.022146 | .0079728 | 95.63341 | .9647354 |
| Stddev | .0038253 | .002620  | .003566  | .001444  | .0012810 | .30205   | .0026940 |
| %RSD   | 2.565619 | 12.41540 | .3010179 | 6.520747 | 16.06664 | .3158410 | .2792511 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1499291 | -.020847 | 1.184879 | -.021369 | .0087662 | 95.28619 | .9626481 |
| #2 | .1449239 | -.018619 | 1.180882 | -.023813 | .0086572 | 95.83548 | .9677766 |
| #3 | .1524373 | -.023840 | 1.187995 | -.021257 | .0064950 | 95.77856 | .9637816 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0067329 | .0027399 | 252.2795 | .1893968 | .0963504 | .3671314 | 242.0270 |
| Stddev | .0001072 | .0009053 | .4166    | .0082564 | .0003635 | .0181723 | 9.5937   |
| %RSD   | 1.592071 | 33.04323 | .1651173 | 4.359320 | .3772272 | 4.949798 | 3.963916 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0067587 | .0026325 | 251.8291 | .1934430 | .0964510 | .3657214 | 244.0873 |
| #2 | .0066151 | .0036941 | 252.6508 | .1798978 | .0959472 | .3859676 | 231.5705 |
| #3 | .0068247 | .0018930 | 252.3586 | .1948497 | .0966529 | .3497052 | 250.4232 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.253578 | 96.58715 | .3070704 | .0057987 | .9477077 | .3214433 | .8914312 |
| Stddev | .014943  | .20871   | .0003217 | .0003797 | .0679439 | .0022156 | .0419780 |
| %RSD   | .4592929 | .2160880 | .1047604 | 6.548128 | 7.169286 | .6892764 | 4.709056 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.236331 | 96.35697 | .3068639 | .0055556 | .9609624 | .3192534 | .9100139 |
| #2 | 3.261726 | 96.76407 | .3069063 | .0056042 | .8741131 | .3236838 | .8433692 |
| #3 | 3.262676 | 96.64043 | .3074411 | .0062362 | 1.008048 | .3213927 | .9209106 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.83169 | .1455359 | .0121853 | .0436367 | 3.662849 | 5.832003 | 6.582171 |
| Stddev | .43147   | .0137318 | .0001414 | .0009281 | .011224  | .253901  | .003966  |
| %RSD   | 3.646724 | 9.435340 | 1.160603 | 2.126845 | .3064175 | 4.353575 | .0602469 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.89549 | .1476166 | .0123455 | .0441175 | 3.654467 | 5.897652 | 6.584290 |
| #2 | 11.37187 | .1308825 | .0121326 | .0425669 | 3.675600 | 5.551725 | 6.577596 |
| #3 | 12.22770 | .1581087 | .0120778 | .0442257 | 3.658480 | 6.046632 | 6.584626 |

Sample Name: O3039-01DUP      Acquired: 6/7/2023 19:27:19      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB30ADUP      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 6.875970 | .0477377 | .4251722 | Z ***** |
| Stddev | .007402  | .0014104 | .0108892 | -----   |
| %RSD   | .1076461 | 2.954408 | 2.561137 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 6.883810 | .0487441 | .4195925 | Z 4650.359 |
| #2 | 6.869103 | .0483433 | .4377204 | Z 4642.536 |
| #3 | 6.874998 | .0461257 | .4182037 | Z 4664.617 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4436.704 | 64901.60 | 11613.82 | 4100.108 | 3142.881 |
| Stddev    | 13.095   | 2672.40  | 61.11    | 173.697  | 5.632    |
| %RSD      | .2951417 | 4.117614 | .5262052 | 4.236402 | .1792071 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4421.952 | 63615.25 | 11546.88 | 4015.111 | 3136.726 |
| #2 | 4446.954 | 67973.91 | 11627.97 | 4299.935 | 3147.777 |
| #3 | 4441.205 | 63115.65 | 11666.62 | 3985.278 | 3144.141 |



Sample Name: O3039-01LX5      Acquired: 6/7/2023 19:31:06      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0309301 | -.001824 | .2383331 | -.006363 | -.000302 | 21.27863 | .1978119 |
| Stddev | .0021089 | .000202  | .0018440 | .001005  | .002979  | .69150   | .0064974 |
| %RSD   | 6.818201 | 11.06993 | .7737022 | 15.78843 | 986.5308 | 3.249742 | 3.284621 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0292839 | -.001601 | .2392688 | -.007407 | .002912  | 21.97125 | .2049387 |
| #2 | .0333072 | -.001879 | .2395216 | -.006278 | -.000845 | 20.58826 | .1922180 |
| #3 | .0301992 | -.001993 | .2362088 | -.005403 | -.002972 | 21.27638 | .1962791 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015850 | -.000581 | 59.87772 | .0446886 | .0185547 | .0820924 | 55.44550 |
| Stddev | .0000724 | .000149  | 1.92654  | .0002261 | .0002332 | .0023386 | .48155   |
| %RSD   | 4.571168 | 25.66003 | 3.217463 | .5060539 | 1.256862 | 2.848725 | .8685072 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016269 | -.000539 | 61.79966 | .0447865 | .0187222 | .0828364 | 55.29599 |
| #2 | .0015013 | -.000456 | 57.94661 | .0448494 | .0186535 | .0839685 | 55.05644 |
| #3 | .0016267 | -.000746 | 59.88688 | .0444300 | .0182884 | .0794723 | 55.98407 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7522228 | 24.96762 | .0598062 | .0020501 | -.252075 | .0699728 | .2039757 |
| Stddev | .0249323 | .78606   | .0004772 | .0001580 | .000688  | .0023793 | .0002912 |
| %RSD   | 3.314490 | 3.148322 | .7978545 | 7.705386 | .2729979 | 3.400365 | .1427586 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7768670 | 25.77179 | .0597727 | .0020779 | -.251763 | .0722409 | .2040901 |
| #2 | .7270119 | 24.20102 | .0602992 | .0018801 | -.251598 | .0674960 | .2041922 |
| #3 | .7527895 | 24.93004 | .0593467 | .0021923 | -.252864 | .0701816 | .2036446 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.564965 | .0303405 | .0024982 | .0076227 | .8361702 | 1.360440 | 1.224143 |
| Stddev | .047118  | .0015794 | .0001612 | .0006332 | .0252649 | .014751  | .004328  |
| %RSD   | 1.836996 | 5.205719 | 6.451337 | 8.307235 | 3.021502 | 1.084288 | .3535892 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.511670 | .0286904 | .0026804 | .0073076 | .8600307 | 1.358709 | 1.225575 |
| #2 | 2.582135 | .0304928 | .0024401 | .0083517 | .8097030 | 1.346631 | 1.227575 |
| #3 | 2.601091 | .0318382 | .0023741 | .0072088 | .8387767 | 1.375981 | 1.219281 |

Sample Name: O3039-01LX5      Acquired: 6/7/2023 19:31:06      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.231900 | .0039131 | .0906863 | Z ***** |
| Stddev | .011125  | .0033173 | .0047890 | -----   |
| %RSD   | .9030576 | 84.77396 | 5.280849 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.236897 | .0060925 | .0957459 | Z 3350.669 |
| #2 | 1.239650 | .0000954 | .0862239 | Z 3370.600 |
| #3 | 1.219153 | .0055515 | .0900892 | Z 3371.177 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4170.756 | 57589.02 | 10124.79 | 3687.372 | 3488.449 |
| Stddev    | 30.499   | 132.56   | 333.64   | 11.013   | 32.534   |
| %RSD      | .7312478 | .2301821 | 3.295307 | .2986757 | .9326179 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4152.936 | 57440.76 | 9751.97  | 3674.985 | 3470.168 |
| #2 | 4153.359 | 57696.10 | 10395.29 | 3691.075 | 3469.168 |
| #3 | 4205.971 | 57630.20 | 10227.13 | 3696.057 | 3526.012 |

Sample Name: O3039-01MS      Acquired: 6/7/2023 19:35:01      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB30AMS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9179475</b> | <b>1.884804</b> | <b>2.211443</b> | <b>1.664078</b> | <b>.6921899</b> | <b>94.11211</b> |
| Stddev | .0029159        | .010920         | .018007         | .011975         | .0035809        | .06975          |
| %RSD   | .3176582        | .5793868        | .8142705        | .7196009        | .5173333        | .0741187        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9189972 | 1.880029 | 2.198211 | 1.663166 | .6929846 | 94.03312 |
| #2 | .9146520 | 1.877084 | 2.204169 | 1.652585 | .6882783 | 94.13797 |
| #3 | .9201932 | 1.897299 | 2.231949 | 1.676482 | .6953067 | 94.16524 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.172805</b> | <b>.1617831</b> | <b>.1932515</b> | <b>153.1429</b> | <b>.5276443</b> | <b>.2976388</b> |
| Stddev | .003504         | .0001977        | .0008028        | .3499           | .0004601        | .0014285        |
| %RSD   | .2987293        | .1221965        | .4154290        | .2284695        | .0872050        | .4799550        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.176833 | .1619730 | .1933352 | 153.4649 | .5280681 | .2970422 |
| #2 | 1.171115 | .1617979 | .1924101 | 153.1934 | .5271549 | .2966052 |
| #3 | 1.170467 | .1615784 | .1940092 | 152.7706 | .5277098 | .2992689 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5988254</b> | <b>263.3347</b> | <b>3.773435</b> | <b>66.44984</b> | <b>.8047250</b> | <b>.0653173</b> |
| Stddev | .0040924        | .9660           | .015344         | .23258          | .0014496        | .0003158        |
| %RSD   | .6834058        | .3668418        | .4066316        | .3500031        | .1801374        | .4835139        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6035459 | 262.5336 | 3.756044 | 66.57365 | .8044973 | .0650648 |
| #2 | .5966522 | 263.0631 | 3.779195 | 66.59432 | .8034027 | .0656714 |
| #3 | .5962780 | 264.4075 | 3.785066 | 66.18155 | .8062750 | .0652158 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.410306</b> | <b>.6076667</b> | <b>1.010023</b> | <b>22.66566</b> | <b>.3526734</b> | <b>.3538956</b> |
| Stddev | .012562         | .0007702        | .003239         | .07305          | .0015769        | .0007828        |
| %RSD   | .3683439        | .1267410        | .3206668        | .3222728        | .4471411        | .2211802        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.400922 | .6068029 | 1.008596 | 22.60330 | .3518392 | .3531519 |
| #2 | 3.405419 | .6079152 | 1.007742 | 22.64765 | .3516888 | .3538227 |
| #3 | 3.424576 | .6082819 | 1.013730 | 22.74602 | .3544923 | .3547123 |

Sample Name: O3039-01MS      Acquired: 6/7/2023 19:35:01      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB30AMS      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |          |          |
|--------|----------|----------|------------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | .7504922 | 4.663669 | F 10.20757 | F 12.72380 | 9.458090 | .2114778 |
| Stddev | .0033771 | .003986  | .02041     | .05936     | .162053  | .0018704 |
| %RSD   | .4499895 | .0854772 | .1999544   | .4665006   | 1.713381 | .8844491 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7516620 | 4.663782 | 10.22567 | 12.70088 | 9.632402 | .2122141 |
| #2 | .7466857 | 4.667598 | 10.21159 | 12.67933 | 9.429865 | .2093513 |
| #3 | .7531288 | 4.659627 | 10.18545 | 12.79121 | 9.312004 | .2128680 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .5082570 | Z ***** |
| Stddev | .0018595 | -----   |
| %RSD   | .3658532 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .5080054 | Z 9496.313 |
| #2 | .5102295 | Z 9540.994 |
| #3 | .5065362 | Z 9553.596 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4439.652 | 64857.45 | 10925.85 | 4048.845 | 3161.195 |
| Stddev    | 9.363    | 206.63   | 40.59    | 7.182    | 7.912    |
| %RSD      | .2108948 | .3185917 | .3715057 | .1773898 | .2503001 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4434.575 | 64637.68 | 10884.36 | 4045.894 | 3161.276 |
| #2 | 4450.457 | 65047.79 | 10927.73 | 4057.033 | 3169.067 |
| #3 | 4433.923 | 64886.87 | 10965.47 | 4043.609 | 3153.243 |

Sample Name: CCV07      Acquired: 6/7/2023 19:38:41      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.721998 | 4.675328 | 4.592690 | 4.683294 | 4.721701 | 9.359991 |
| Stddev | .008210  | .014237  | .013066  | .004491  | .005351  | .112317  |
| %RSD   | .1738631 | .3045230 | .2845026 | .0959006 | .1133302 | 1.199970 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.722888 | 4.660135 | 4.582155 | 4.678587 | 4.723794 | 9.244077 |
| #2 | 4.729727 | 4.677487 | 4.588605 | 4.683762 | 4.715619 | 9.468327 |
| #3 | 4.713380 | 4.688363 | 4.607311 | 4.687533 | 4.725688 | 9.367568 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 9.795985 | .2323524 | 2.336819 | 24.65947 | F .8797233 | 2.298985 |
| Stddev | .137834  | .0015294 | .007450  | .32117   | .0246160   | .008314  |
| %RSD   | 1.407051 | .6582176 | .3188154 | 1.302426 | 2.798151   | .3616343 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.652100 | .2308571 | 2.330490 | 24.33061 | .8829642 | 2.291725 |
| #2 | 9.926844 | .2339137 | 2.334938 | 24.97236 | .8536474 | 2.297174 |
| #3 | 9.809012 | .2322863 | 2.345030 | 24.67544 | .9025583 | 2.308055 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.271523 | 4.678703 | 2.331599 | F 22.31639 | 2.339914 | 1.236051 |
| Stddev | .002270  | .128258  | .026596  | .30602     | .008322  | .037194  |
| %RSD   | .1785517 | 2.741326 | 1.140681 | 1.371287   | .3556475 | 3.009084 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.269033 | 4.702059 | 2.305807 | 21.99727 | 2.333917 | 1.241681 |
| #2 | 1.272059 | 4.540371 | 2.358932 | 22.60737 | 2.336411 | 1.196362 |
| #3 | 1.273477 | 4.793678 | 2.330059 | 22.34454 | 2.349415 | 1.270108 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 22.33416 | 2.301686 | 2.380336 | 23.63173 | 4.700948 | 5.104286 |
| Stddev | .60531     | .032779  | .072432  | .64299   | .044749  | .014418  |
| %RSD   | 2.710252   | 1.424117 | 3.042927 | 2.720868 | .9519099 | .2824678 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 22.36956 | 2.267118 | 2.386916 | 23.79502 | 4.653739 | 5.092928 |
| #2 | 21.71192 | 2.332321 | 2.304838 | 22.92284 | 4.742744 | 5.099424 |
| #3 | 22.92099 | 2.305617 | 2.449252 | 24.17733 | 4.706360 | 5.120506 |

Sample Name: CCV07      Acquired: 6/7/2023 19:38:41      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 5.014306 | 4.754400 | 5.133472 | 4.508573 | F 4.440683 | F 4.209706 |
| Stddev | .012723  | .072023  | .141520  | .013403  | .003846    | .062704    |
| %RSD   | .2537434 | 1.514868 | 2.756813 | .2972835 | .0866090   | 1.489508   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.001882 | 4.681969 | 5.146002 | 4.497961 | 4.436434 | 4.144425 |
| #2 | 5.013728 | 4.826007 | 4.986103 | 4.504123 | 4.441686 | 4.269468 |
| #3 | 5.027309 | 4.755224 | 5.268310 | 4.523636 | 4.443928 | 4.215223 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | 4.589519 | z ***** |
| Stddev | .065440  | -----   |
| %RSD   | 1.425848 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | 4.514773 | z 3007.940 |
| #2 | 4.636492 | z 3030.170 |
| #3 | 4.617291 | z 3002.848 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4031.877 | 58900.68 | 9888.347 | 3728.366 | 3428.510 |
| Stddev    | 14.432   | 1577.36  | 90.199   | 103.960  | 14.624   |
| %RSD      | .3579511 | 2.678005 | .9121720 | 2.788340 | .4265458 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4043.884 | 58523.53 | 9965.090 | 3713.494 | 3441.180 |
| #2 | 4035.883 | 60632.43 | 9788.994 | 3838.961 | 3431.843 |
| #3 | 4015.865 | 57546.07 | 9910.956 | 3632.644 | 3412.507 |

Sample Name: CCB07      Acquired: 6/7/2023 19:42:28      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0031504 | -.000008 | .0003394 | -.000310 | -.001427 | -.001085 |
| Stddev | .0012892 | .000367  | .0012238 | .001624  | .000922  | .003543  |
| %RSD   | 40.92042 | 4355.996 | 360.5612 | 523.1548 | 64.63420 | 326.4975 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0029226 | -.000301 | -.001071 | .001178  | -.000687 | -.003756 |
| #2 | .0019904 | -.000128 | .001122  | -.002042 | -.001134 | -.002434 |
| #3 | .0045384 | .000403  | .000967  | -.000067 | -.002460 | .002934  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005694 | .0000085 | -.000051 | .0000506 | .0000668 | -.000054 |
| Stddev | .001166  | .0000337 | .000034  | .0047492 | .0002204 | .000156  |
| %RSD   | 20.47059 | 395.8453 | 67.13230 | 9389.483 | 329.8746 | 289.0344 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.006814 | -.000013 | -.000081 | -.001896 | .0002965 | -.000195 |
| #2 | -.005779 | -.000009 | -.000058 | -.003416 | -.000143 | .000114  |
| #3 | -.004488 | .000047  | -.000014 | .005464  | .000047  | -.000082 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001786 | -.002719 | -.000093 | -.002004 | .0000325 | .0010703 |
| Stddev | .0006417 | .001469  | .000329  | .014239  | .0003613 | .0002971 |
| %RSD   | 359.3081 | 54.02278 | 354.5751 | 710.4866 | 1109.934 | 27.75552 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0009106 | -.002019 | .000051  | .013603  | .0004282 | .0008586 |
| #2 | -.000087 | -.004407 | -.000469 | -.005327 | -.000280 | .0009425 |
| #3 | -.000287 | -.001731 | .000140  | -.014289 | -.000051 | .0014099 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.645192 | -.002087 | -.000074 | .0091741 | .0059467 | .0017754 |
| Stddev | .005179  | .002002  | .000155  | .0116044 | .0004746 | .0006000 |
| %RSD   | .8027483 | 95.91393 | 210.0466 | 126.4901 | 7.980961 | 33.79490 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.640560 | -.002625 | .000104  | .0023656 | .0064918 | .0024054 |
| #2 | -.650784 | -.003764 | -.000180 | .0025837 | .0057234 | .0017100 |
| #3 | -.644232 | .000129  | -.000145 | .0225731 | .0056250 | .0012108 |

Sample Name: CCB07      Acquired: 6/7/2023 19:42:28      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                   |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm               |
| Avg    | <b>-.000240</b> | <b>.0049464</b> | <b>.0144561</b> | <b>-.001095</b> | <b>-.002744</b> | <b>F -.010182</b> |
| Stddev | .000743         | .0013717        | .0150534        | .003531         | .003146         | .002284           |
| %RSD   | 308.8382        | 27.73232        | 104.1315        | 322.4866        | 114.6714        | 22.43037          |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000907</b> | <b>.0062089</b> | <b>.0268764</b> | <b>.002269</b>  | <b>.000245</b>  | <b>-.011853</b> |
| #2 | <b>-.000374</b> | <b>.0051434</b> | <b>.0187772</b> | <b>-.004772</b> | <b>-.002449</b> | <b>-.007579</b> |
| #3 | <b>.000560</b>  | <b>.0034867</b> | <b>-.002285</b> | <b>-.000782</b> | <b>-.006027</b> | <b>-.011112</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>-.000062</b> | <b>z *****</b> |
| Stddev | .000084         | -----          |
| %RSD   | 135.1363        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>.000031</b>  | <b>z 2842.026</b> |
| #2 | <b>-.000087</b> | <b>z 2862.320</b> |
| #3 | <b>-.000131</b> | <b>z 2844.649</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>4208.943</b> | <b>57369.36</b> | <b>9665.036</b> | <b>3670.135</b> | <b>3888.739</b> |
| Stddev    | 91.206          | 500.21          | 22.663          | 41.647          | 84.504          |
| %RSD      | 2.166961        | .8719186        | .2344798        | 1.134745        | 2.173035        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>4187.909</b> | <b>56893.12</b> | <b>9642.825</b> | <b>3650.205</b> | <b>3876.987</b> |
| #2 | <b>4308.828</b> | <b>57324.45</b> | <b>9664.159</b> | <b>3642.198</b> | <b>3978.503</b> |
| #3 | <b>4130.091</b> | <b>57890.51</b> | <b>9688.125</b> | <b>3718.001</b> | <b>3810.726</b> |



Sample Name: O3039-01MSD      Acquired: 6/7/2023 19:46:30      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB30AMSD      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9029124</b> | <b>1.904837</b> | <b>2.333031</b> | <b>1.658693</b> | <b>.6869710</b> | <b>95.66766</b> |
| Stddev | .0040038        | .005455         | .009452         | .004013         | .0017991        | .26837          |
| %RSD   | .4434288        | .2863967        | .4051209        | .2419491        | .2618852        | .2805264        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8983507 | 1.910749 | 2.327220 | 1.654318 | .6858347 | 95.48541 |
| #2 | .9058442 | 1.899998 | 2.327937 | 1.662203 | .6890452 | 95.54174 |
| #3 | .9045422 | 1.903763 | 2.343937 | 1.659559 | .6860330 | 95.97584 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.205988</b> | <b>.1576694</b> | <b>.1952478</b> | <b>138.2314</b> | <b>.5358796</b> | <b>.3004291</b> |
| Stddev | .005227         | .0009724        | .0004939        | .3227           | .0017108        | .0003925        |
| %RSD   | .4334220        | .6167149        | .2529399        | .2334289        | .3192487        | .1306532        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.200129 | .1584316 | .1957890 | 137.8951 | .5378413 | .3002802 |
| #2 | 1.210172 | .1565743 | .1948216 | 138.2606 | .5346971 | .3001328 |
| #3 | 1.207662 | .1580024 | .1951328 | 138.5384 | .5351004 | .3008743 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5750721</b> | <b>263.4137</b> | <b>4.166181</b> | <b>55.01625</b> | <b>.8058960</b> | <b>.0661045</b> |
| Stddev | .0022571        | 1.3458          | .021013         | .28126          | .0011301        | .0005774        |
| %RSD   | .3924852        | .5109257        | .5043671        | .5112272        | .1402260        | .8734139        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5776663 | 261.8615 | 4.166166 | 54.76665 | .8066602 | .0657629 |
| #2 | .5735585 | 264.1243 | 4.145176 | 54.96110 | .8045978 | .0667712 |
| #3 | .5739914 | 264.2553 | 4.187202 | 55.32100 | .8064298 | .0657795 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.392823</b> | <b>.5989124</b> | <b>1.018258</b> | <b>23.48776</b> | <b>.3694931</b> | <b>.3501154</b> |
| Stddev | .022710         | .0017301        | .005351         | .13455          | .0027856        | .0006553        |
| %RSD   | .6693427        | .2888782        | .5255260        | .5728566        | .7539052        | .1871561        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.370874 | .5975777 | 1.023987 | 23.37099 | .3663960 | .3508118 |
| #2 | 3.416224 | .6008671 | 1.013388 | 23.63490 | .3702896 | .3500233 |
| #3 | 3.391372 | .5982923 | 1.017399 | 23.45738 | .3717937 | .3495110 |

Sample Name: O3039-01MSD      Acquired: 6/7/2023 19:46:30      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB30AMSD      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |          |          |
|--------|----------|----------|------------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | .7570247 | 4.598612 | F 10.78544 | F 12.88015 | 7.927332 | .2013855 |
| Stddev | .0006424 | .010843  | .07468     | .02325     | .021008  | .0026156 |
| %RSD   | .0848534 | .2357982 | .6924054   | .1805077   | .2650083 | 1.298816 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7563260 | 4.586113 | 10.72809 | 12.88499 | 7.951458 | .1994281 |
| #2 | .7571584 | 4.605497 | 10.86988 | 12.85486 | 7.913085 | .2003723 |
| #3 | .7575897 | 4.604227 | 10.75835 | 12.90059 | 7.917452 | .2043562 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .4676248 | Z ***** |
| Stddev | .0032321 | -----   |
| %RSD   | .6911721 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .4688596 | Z 9678.614 |
| #2 | .4639574 | Z 9684.926 |
| #3 | .4700575 | Z 9688.161 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4490.057 | 65382.25 | 11529.47 | 4112.956 | 3167.289 |
| Stddev    | 2.054    | 82.34    | 73.40    | 12.299   | 3.545    |
| %RSD      | .0457420 | .1259397 | .6366229 | .2990301 | .1119283 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4491.765 | 65305.49 | 11478.49 | 4099.790 | 3164.149 |
| #2 | 4490.628 | 65469.22 | 11613.60 | 4124.150 | 3171.133 |
| #3 | 4487.778 | 65372.03 | 11496.33 | 4114.926 | 3166.584 |

Sample Name: O3039-01A      Acquired: 6/7/2023 19:50:08      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8915772 | 1.977354 | 2.135740 | 1.739168 | .7184175 | 95.14704 |
| Stddev | .0009365 | .001354  | .002833  | .005353  | .0010108 | .99509   |
| %RSD   | .1050416 | .0684990 | .1326313 | .3078184 | .1406988 | 1.045840 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8909089 | 1.975832 | 2.133886 | 1.739881 | .7191026 | 95.91933 |
| #2 | .8926477 | 1.977805 | 2.134334 | 1.733494 | .7172566 | 94.02410 |
| #3 | .8911751 | 1.978425 | 2.139001 | 1.744130 | .7188933 | 95.49768 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.091954 | .1675758 | .2007872 | 258.8448 | .5129813 | .2884692 |
| Stddev | .012644  | .0021543 | .0002561 | 2.6740   | .0023069 | .0005388 |
| %RSD   | 1.157934 | 1.285581 | .1275464 | 1.033039 | .4496946 | .1867795 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.103680 | .1698803 | .2009234 | 261.0518 | .5117538 | .2881259 |
| #2 | 1.078558 | .1656123 | .2009464 | 255.8713 | .5115476 | .2881915 |
| #3 | 1.093625 | .1672347 | .2004918 | 259.6112 | .5156423 | .2890902 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6311428 | 223.2948 | 3.304379 | 107.8494 | .7832277 | .0669048 |
| Stddev | .0036576 | 2.4933   | .027635  | 1.0507   | .0015007 | .0003036 |
| %RSD   | .5795164 | 1.116575 | .8363105 | .9742289 | .1916024 | .4537603 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6350750 | 221.0523 | 3.321016 | 108.5864 | .7818270 | .0666726 |
| #2 | .6305113 | 222.8526 | 3.272479 | 106.6463 | .7830446 | .0667935 |
| #3 | .6278421 | 225.9796 | 3.319643 | 108.3154 | .7848115 | .0672484 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.505431 | .5719584 | 1.013850 | 21.11753 | .3538256 | .3590138 |
| Stddev | .054955  | .0045519 | .002622  | .22141   | .0043993 | .0000778 |
| %RSD   | 1.567715 | .7958417 | .2586159 | 1.048442 | 1.243343 | .0216647 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.454632 | .5764102 | 1.012443 | 20.92139 | .3488806 | .3589490 |
| #2 | 3.497897 | .5673126 | 1.012232 | 21.07360 | .3552912 | .3589923 |
| #3 | 3.563765 | .5721523 | 1.016875 | 21.35761 | .3573050 | .3591000 |

Sample Name: O3039-01A      Acquired: 6/7/2023 19:50:08      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .7500237 | 3.700301 | 6.506323 | F 12.94768 | 6.476581 | .2368055 |
| Stddev | .0026218 | .035663  | .061389  | .01072     | .009357  | .0044426 |
| %RSD   | .3495687 | .9637765 | .9435335 | .0828039   | .1444721 | 1.876060 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7480759 | 3.728220 | 6.446983 | 12.95624 | 6.486794 | .2417178 |
| #2 | .7489905 | 3.660126 | 6.502412 | 12.93566 | 6.468421 | .2330691 |
| #3 | .7530047 | 3.712556 | 6.569574 | 12.95114 | 6.474527 | .2356296 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .5879252 | Z ***** |
| Stddev | .0077538 | -----   |
| %RSD   | 1.318849 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .5951979 | Z 9796.990 |
| #2 | .5797663 | Z 9744.611 |
| #3 | .5888114 | Z 9733.480 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4412.550 | 64967.20 | 11037.33 | 4064.770 | 3131.079 |
| Stddev    | 4.977    | 388.92   | 115.98   | 18.638   | 3.588    |
| %RSD      | .1127951 | .5986347 | 1.050770 | .4585322 | .1145779 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4416.081 | 65302.58 | 10921.55 | 4079.181 | 3135.220 |
| #2 | 4414.711 | 65058.14 | 11153.50 | 4071.407 | 3128.905 |
| #3 | 4406.858 | 64540.87 | 11036.95 | 4043.721 | 3129.113 |

Sample Name: O3039-02      Acquired: 6/7/2023 19:53:48      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB30B      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0238826 | -.017956 | .1023816 | -.031886 | .0099949 | 88.20678 | .6124733 |
| Stddev | .0017725 | .003071  | .0001697 | .002199  | .0020231 | .39528   | .0048200 |
| %RSD   | 7.421851 | 17.10431 | .1657750 | 6.897008 | 20.24110 | .4481262 | .7869748 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0220497 | -.020611 | .1022473 | -.032123 | .0108001 | 88.66228 | .6178833 |
| #2 | .0240101 | -.018666 | .1025723 | -.033958 | .0114915 | 88.00421 | .6109002 |
| #3 | .0255879 | -.014592 | .1023251 | -.029578 | .0076932 | 87.95385 | .6086363 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0048131 | .0023550 | 782.1338 | .3003466 | .0705836 | .1342234 | 188.6669 |
| Stddev | .0000951 | .0000773 | 5.0278   | .0004307 | .0001394 | .0018086 | .6448    |
| %RSD   | 1.975274 | 3.282682 | .6428333 | .1434108 | .1974626 | 1.347474 | .3417904 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0049068 | .0023787 | 787.4511 | .2999149 | .0706702 | .1362970 | 188.0508 |
| #2 | .0047167 | .0022686 | 781.4935 | .3003486 | .0706578 | .1334016 | 188.6127 |
| #3 | .0048157 | .0024177 | 777.4568 | .3007764 | .0704228 | .1329716 | 189.3371 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.253720 | 481.0166 | .3409755 | .0020103 | 1.240291 | .2980683 | .2866946 |
| Stddev | .011200  | 2.3771   | .0002892 | .0004352 | .043809  | .0016709 | .0004841 |
| %RSD   | .4969410 | .4941739 | .0848127 | 21.65107 | 3.532177 | .5605832 | .1688513 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.266652 | 483.6666 | .3411352 | .0022520 | 1.200961 | .2985015 | .2864930 |
| #2 | 2.247308 | 480.3108 | .3406417 | .0022710 | 1.232403 | .2994799 | .2863439 |
| #3 | 2.247200 | 479.0723 | .3411496 | .0015078 | 1.287508 | .2962234 | .2872469 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 31.61846 | .1071078 | .0095031 | .0136338 | 4.088344 | 7.027321 | 6.570234 |
| Stddev | .14151   | .0008044 | .0002742 | .0018705 | .019472  | .040987  | .013244  |
| %RSD   | .4475522 | .7510246 | 2.885058 | 13.71931 | .4762765 | .5832474 | .2015827 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 31.55983 | .1061822 | .0096941 | .0145912 | 4.109802 | 7.025943 | 6.585343 |
| #2 | 31.51568 | .1075024 | .0096261 | .0148318 | 4.083431 | 6.987040 | 6.564727 |
| #3 | 31.77986 | .1076387 | .0091889 | .0114784 | 4.071800 | 7.068979 | 6.560631 |

Sample Name: O3039-02      Acquired: 6/7/2023 19:53:48      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB30B      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 5.579464 | .1070022 | .3068420 | z ***** |
| Stddev | .008733  | .0029445 | .0033222 | -----   |
| %RSD   | .1565238 | 2.751821 | 1.082720 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 5.588122 | .1049678 | .3106731 | z 5592.247 |
| #2 | 5.570658 | .1056601 | .3047549 | z 5557.650 |
| #3 | 5.579613 | .1103786 | .3050981 | z 5582.101 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4326.575 | 62477.67 | 11407.07 | 3930.279 | 2772.225 |
| Stddev    | 5.395    | 22.76    | 103.68   | 5.639    | 1.353    |
| %RSD      | .1247021 | .0364255 | .9088823 | .1434838 | .0488209 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4325.408 | 62456.15 | 11292.34 | 3929.106 | 2770.843 |
| #2 | 4321.859 | 62475.38 | 11434.81 | 3925.319 | 2772.283 |
| #3 | 4332.458 | 62501.49 | 11494.05 | 3936.413 | 2773.548 |

Sample Name: O3039-04      Acquired: 6/7/2023 19:57:44      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB31A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0431231 | -.022531 | .5333326 | -.026425 | .0085939 | 157.1919 | .9261879 |
| Stddev | .0014040 | .001325  | .0033290 | .002335  | .0020138 | .5961    | .0071926 |
| %RSD   | 3.255708 | 5.881202 | .6241966 | 8.837802 | 23.43282 | .3792481 | .7765856 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0426019 | -.021002 | .5371514 | -.024037 | .0106205 | 157.7111 | .9339044 |
| #2 | .0447132 | -.023338 | .5318039 | -.028704 | .0065932 | 157.3239 | .9249900 |
| #3 | .0420544 | -.023253 | .5310425 | -.026535 | .0085680 | 156.5409 | .9196695 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0087018 | .0017064 | 11.15074 | .2437373 | .1164205 | .1929024 | 282.1228 |
| Stddev | .0002457 | .0001163 | .05817   | .0012426 | .0004251 | .0017717 | 1.6258   |
| %RSD   | 2.823602 | 6.817098 | .5216803 | .5097894 | .3651635 | .9184543 | .5762856 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0089671 | .0016983 | 11.20430 | .2451333 | .1165949 | .1911488 | 283.7892 |
| #2 | .0084821 | .0015943 | 11.15908 | .2427525 | .1167306 | .1946917 | 282.0383 |
| #3 | .0086563 | .0018266 | 11.08885 | .2433261 | .1159359 | .1928668 | 280.5408 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.201035 | 31.54065 | .2511028 | .0051256 | .4810673 | .3836311 | 1.026451 |
| Stddev | .015949  | .10393   | .0004682 | .0000862 | .0154928 | .0014714 | .010446  |
| %RSD   | .3066514 | .3295271 | .1864424 | 1.682477 | 3.220503 | .3835483 | 1.017687 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.216003 | 31.65089 | .2512378 | .0052098 | .4983336 | .3841306 | 1.038268 |
| #2 | 5.202844 | 31.52660 | .2514886 | .0050375 | .4683805 | .3847878 | 1.018448 |
| #3 | 5.184259 | 31.44445 | .2505820 | .0051296 | .4764877 | .3819750 | 1.022636 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.832398 | .1299239 | .0094943 | .0341479 | 4.858315 | 5.152453 | 6.797326 |
| Stddev | .042891  | .0008272 | .0001846 | .0004473 | .020646  | .051652  | .028548  |
| %RSD   | .6277523 | .6366863 | 1.944427 | 1.309810 | .4249652 | 1.002468 | .4199932 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.867224 | .1294037 | .0095071 | .0343452 | 4.877655 | 5.211901 | 6.809347 |
| #2 | 6.845480 | .1308778 | .0093037 | .0336359 | 4.860717 | 5.126896 | 6.817899 |
| #3 | 6.784490 | .1294903 | .0096722 | .0344625 | 4.836573 | 5.118562 | 6.764733 |

Sample Name: O3039-04      Acquired: 6/7/2023 19:57:44      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB31A      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 2.278787 | .0107537 | -.166795 | Z ***** |
| Stddev | .001651  | .0023609 | .000831  | -----   |
| %RSD   | .0724331 | 21.95415 | .4985149 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 2.280623 | .0115217 | -.167706 | Z 4763.589 |
| #2 | 2.277426 | .0081045 | -.166600 | Z 4752.142 |
| #3 | 2.278312 | .0126350 | -.166078 | Z 4767.441 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5011.999 | 71306.26 | 11988.91 | 4542.706 | 3409.296 |
| Stddev    | 20.957   | 399.21   | 41.15    | 31.593   | 16.332   |
| %RSD      | .4181291 | .5598529 | .3432132 | .6954768 | .4790345 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4993.975 | 70848.32 | 11945.00 | 4506.370 | 3394.343 |
| #2 | 5007.027 | 71489.55 | 11995.14 | 4558.066 | 3406.823 |
| #3 | 5034.994 | 71580.91 | 12026.58 | 4563.684 | 3426.724 |



Sample Name: O3039-05      Acquired: 6/7/2023 20:01:31      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB31B      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0112047 | -.004740 | .0495735 | -.052103 | .0309507 | 222.1679 |
| Stddev | .0022211 | .003730  | .0027990 | .000453  | .0017143 | 1.9954   |
| %RSD   | 19.82296 | 78.69705 | 5.646222 | .8688309 | 5.538956 | .8981723 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0119643 | -.001329 | .0479808 | -.052298 | .0290177 | 219.9442 |
| #2 | .0129463 | -.004168 | .0479343 | -.051585 | .0315479 | 222.7568 |
| #3 | .0087034 | -.008723 | .0528054 | -.052425 | .0322867 | 223.8025 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.722606 | .0068388 | .0052404 | 71.01098 | .7491237 | .2985643 |
| Stddev | .014708  | .0001369 | .0007545 | .55113   | .0036592 | .0045160 |
| %RSD   | .8538306 | 2.002096 | 14.39718 | .7761179 | .4884589 | 1.512585 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.705869 | .0067149 | .0048472 | 70.38070 | .7533441 | .2974862 |
| #2 | 1.728475 | .0069858 | .0047637 | 71.24993 | .7468373 | .2946849 |
| #3 | 1.733473 | .0068157 | .0061102 | 71.40231 | .7471898 | .3035218 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7933079 | 427.2890 | 4.789166 | 168.0424 | 1.962796 | .0034048 |
| Stddev | .0194716 | 1.3208   | .044387  | 1.3326   | .027446  | .0007436 |
| %RSD   | 2.454478 | .3091222 | .9268265 | .7929910 | 1.398311 | 21.83929 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7843988 | 428.6997 | 4.739853 | 166.5126 | 1.950465 | .0026916 |
| #2 | .7798847 | 426.0815 | 4.801721 | 168.6645 | 1.943678 | .0033472 |
| #3 | .8156401 | 427.0857 | 4.825923 | 168.9502 | 1.994244 | .0041754 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.512957 | .7163621 | .7249698 | 40.35708 | .2241535 | -.000507 |
| Stddev | .033600  | .0057519 | .0053961 | .16535   | .0045350 | .000352  |
| %RSD   | .9564459 | .8029255 | .7443233 | .4097199 | 2.023146 | 69.44424 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.541622 | .7104871 | .7304146 | 40.51991 | .2293450 | -.000554 |
| #2 | 3.475982 | .7166169 | .7248710 | 40.18932 | .2221511 | -.000134 |
| #3 | 3.521265 | .7219823 | .7196238 | 40.36203 | .2209644 | -.000834 |

Sample Name: O3039-05      Acquired: 6/7/2023 20:01:31      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB31B      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Sn1899          | Ti3361            | Si2881          | P_1774            | S_1820          | Li6707          |
|--------|-----------------|-------------------|-----------------|-------------------|-----------------|-----------------|
| Units  | ppm             | ppm               | ppm             | ppm               | ppm             | ppm             |
| Avg    | <b>.0690410</b> | <b>F 27.40639</b> | <b>5.967191</b> | <b>F 19.29807</b> | <b>.4340759</b> | <b>.0204904</b> |
| Stddev | .0007183        | .22692            | .052072         | .24393            | .0102035        | .0013524        |
| %RSD   | 1.040419        | .8279954          | .8726315        | 1.263997          | 2.350624        | 6.600033        |
| #1     | .0682855        | 27.14778          | 6.025955        | 19.21501          | .4307316        | .0200790        |
| #2     | .0697153        | 27.49921          | 5.926783        | 19.10652          | .4259642        | .0220008        |
| #3     | .0691221        | 27.57220          | 5.948835        | 19.57268          | .4455319        | .0193916        |

| Elem   | Sr4077          | Ce4040            |
|--------|-----------------|-------------------|
| Units  | ppm             | Cts/S             |
| Avg    | <b>-.030308</b> | <b>Z *****</b>    |
| Stddev | .004904         | -----             |
| %RSD   | 16.18138        | -----             |
| #1     | <b>-.035947</b> | <b>Z 6506.595</b> |
| #2     | <b>-.027940</b> | <b>Z 6499.353</b> |
| #3     | <b>-.027037</b> | <b>Z 6512.510</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>4894.422</b> | <b>70076.09</b> | <b>12724.56</b> | <b>4451.345</b> | <b>3020.264</b> |
| Stddev    | 40.485          | 530.13          | 55.21           | 51.092          | 30.834          |
| %RSD      | .8271568        | .7565038        | .4339127        | 1.147783        | 1.020902        |
| #1        | 4900.699        | 69467.62        | 12788.19        | 4394.659        | 3028.256        |
| #2        | 4931.402        | 70322.36        | 12696.18        | 4465.531        | 3046.315        |
| #3        | 4851.166        | 70438.28        | 12689.31        | 4493.845        | 2986.221        |

Sample Name: O3041-01      Acquired: 6/7/2023 20:05:16      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CONC-WC-1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0013118</b> | <b>-.006825</b> | <b>.0552292</b> | <b>-.010426</b> | <b>-.000264</b> | <b>32.38968</b> |
| Stddev | .0015128        | .000531         | .0017336        | .000869         | .001288         | .14868          |
| %RSD   | 115.3225        | 7.786494        | 3.138999        | 8.336551        | 487.1188        | .4590431        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0027621 | -.007183 | .0562734 | -.011387 | -.001563 | 32.23584 |
| #2 | -.000257 | -.006215 | .0561863 | -.009694 | .001012  | 32.40060 |
| #3 | .001430  | -.007078 | .0532280 | -.010197 | -.000242 | 32.53260 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2121195</b> | <b>.0035400</b> | <b>.0115899</b> | <b>233.3655</b> | <b>.0835865</b> | <b>.0531408</b> |
| Stddev | .0020570        | .0001059        | .0003542        | 1.2297          | .0022319        | .0003016        |
| %RSD   | .9697562        | 2.991957        | 3.056111        | .5269605        | 2.670166        | .5674763        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2100552 | .0034917 | .0117447 | 232.0735 | .0821183 | .0528590 |
| #2 | .2121343 | .0036615 | .0118403 | 233.5015 | .0824862 | .0531046 |
| #3 | .2141692 | .0034669 | .0111846 | 234.5217 | .0861549 | .0534588 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5288726</b> | <b>94.59561</b> | <b>1.695746</b> | <b>28.05423</b> | <b>.0766888</b> | <b>.0022720</b> |
| Stddev | .0042587        | 3.76021         | .010266         | .12895          | .0003793        | .0002557        |
| %RSD   | .8052338        | 3.975037        | .6053981        | .4596292        | .4946194        | 11.25473        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5324738 | 92.15431 | 1.684869 | 27.94868 | .0762614 | .0019781 |
| #2 | .5299720 | 92.70673 | 1.697104 | 28.01606 | .0768194 | .0023944 |
| #3 | .5241721 | 98.92580 | 1.705266 | 28.19795 | .0769855 | .0024435 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4577849</b> | <b>.0474310</b> | <b>1.120746</b> | <b>8.795655</b> | <b>.0691317</b> | <b>.0015879</b> |
| Stddev | .0627470        | .0012476        | .022087         | .382999         | .0066458        | .0002260        |
| %RSD   | 13.70666        | 2.630434        | 1.970699        | 4.354415        | 9.613195        | 14.23268        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4202743 | .0481496 | 1.107799 | 8.545567 | .0649966 | .0017871 |
| #2 | .4228568 | .0459903 | 1.108191 | 8.604819 | .0656008 | .0013423 |
| #3 | .5302236 | .0481529 | 1.146249 | 9.236580 | .0767976 | .0016344 |

Sample Name: O3041-01      Acquired: 6/7/2023 20:05:16      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CONC-WC-1      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0107636 | .9580606 | 5.933715 | 1.506651 | F 25.15806 | .0148580 |
| Stddev | .0006905 | .0030773 | .237231  | .008503  | .11597     | .0033646 |
| %RSD   | 6.414720 | .3211997 | 3.998023 | .5643683 | .4609510   | 22.64532 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0114252 | .9562291 | 5.772255 | 1.506882 | 25.09864 | .0138293 |
| #2 | .0108182 | .9563392 | 5.822804 | 1.498035 | 25.08384 | .0186169 |
| #3 | .0100475 | .9616134 | 6.206087 | 1.515036 | 25.29169 | .0121278 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .8151914 | Z ***** |
| Stddev | .0026957 | -----   |
| %RSD   | .3306805 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .8128237 | Z 3825.777 |
| #2 | .8181252 | Z 3844.574 |
| #3 | .8146253 | Z 3896.762 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4425.514 | 60619.72 | 10868.64 | 3880.624 | 3415.742 |
| Stddev    | 15.051   | 2280.23  | 29.52    | 135.688  | 12.731   |
| %RSD      | .3400913 | 3.761536 | .2715683 | 3.496540 | .3727267 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4437.235 | 62019.56 | 10895.95 | 3967.791 | 3425.461 |
| #2 | 4430.765 | 61851.08 | 10872.63 | 3949.790 | 3420.435 |
| #3 | 4408.541 | 57988.54 | 10837.33 | 3724.290 | 3401.331 |

Sample Name: O3042-01      Acquired: 6/7/2023 20:09:04      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: WC-1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0548904 | -.058136 | 28.18323 | -.078078 | .0395178 | 124.8093 |
| Stddev | .0010947 | .002862  | .31487   | .002203  | .0025877 | 1.5351   |
| %RSD   | 1.994411 | 4.922908 | 1.117241 | 2.821237 | 6.548215 | 1.229945 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0540264 | -.057861 | 27.89522 | -.077754 | .0378553 | 123.5333 |
| #2 | .0545232 | -.055422 | 28.13504 | -.080425 | .0381989 | 124.3818 |
| #3 | .0561215 | -.061126 | 28.51942 | -.076056 | .0424993 | 126.5129 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.799076 | .0099811 | .0079460 | 40.43153 | .3383838 | .1129752 |
| Stddev | .021332  | .0001071 | .0007235 | .50169   | .0008790 | .0013617 |
| %RSD   | 1.185710 | 1.072990 | 9.105388 | 1.240846 | .2597580 | 1.205292 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.783958 | .0098628 | .0072638 | 40.01825 | .3384751 | .1115911 |
| #2 | 1.789793 | .0100089 | .0078695 | 40.28662 | .3374627 | .1130213 |
| #3 | 1.823476 | .0100715 | .0087048 | 40.98973 | .3392136 | .1143133 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.369162 | 555.3089 | 10.68209 | 25.01924 | .5252578 | .0176150 |
| Stddev | .022707  | 2.1291   | .14728   | .38924   | .0057249 | .0002738 |
| %RSD   | 1.658465 | .3834054 | 1.378734 | 1.555763 | 1.089918 | 1.554545 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.345547 | 553.7374 | 10.54130 | 24.64292 | .5199889 | .0173275 |
| #2 | 1.371101 | 554.4574 | 10.66987 | 24.99457 | .5244348 | .0178728 |
| #3 | 1.390837 | 557.7320 | 10.83510 | 25.42023 | .5313496 | .0176448 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3122407 | .2869137 | 1.946345 | 8.014284 | .2754850 | .0106308 |
| Stddev | .0124131 | .0051270 | .004531  | .064964  | .0035582 | .0003462 |
| %RSD   | 3.975483 | 1.786940 | .2328067 | .8105969 | 1.291602 | 3.256964 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3261142 | .2827106 | 1.945258 | 7.978145 | .2747182 | .0103656 |
| #2 | .3084232 | .2854046 | 1.951321 | 7.975426 | .2723728 | .0110225 |
| #3 | .3021848 | .2926258 | 1.942456 | 8.089281 | .2793641 | .0105042 |

Sample Name: O3042-01      Acquired: 6/7/2023 20:09:04      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: WC-1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .2301886 | 1.534267 | F 10.50718 | 7.469132 | 3.411795 | -.036806 |
| Stddev | .0026686 | .013010  | .32885     | .088077  | .046273  | .001991  |
| %RSD   | 1.159310 | .8479803 | 3.129764   | 1.179207 | 1.356276 | 5.408712 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2272191 | 1.526548 | 10.87152 | 7.386035 | 3.365596 | -.038915 |
| #2 | .2309606 | 1.526966 | 10.41763 | 7.459902 | 3.411647 | -.034960 |
| #3 | .2323861 | 1.549288 | 10.23237 | 7.561461 | 3.458142 | -.036542 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | -.152445 | Z ***** |
| Stddev | .003905  | -----   |
| %RSD   | 2.561393 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | -.156248 | Z 5045.291 |
| #2 | -.152642 | Z 5065.810 |
| #3 | -.148446 | Z 5048.863 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4759.986 | 69046.88 | 11813.26 | 4388.223 | 3395.358 |
| Stddev    | 39.802   | 44.14    | 101.79   | 13.939   | 30.767   |
| %RSD      | .8361790 | .0639210 | .8616482 | .3176538 | .9061618 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4801.289 | 69092.60 | 11920.25 | 4399.466 | 3424.290 |
| #2 | 4756.792 | 69004.52 | 11801.90 | 4372.626 | 3398.748 |
| #3 | 4721.878 | 69043.54 | 11717.62 | 4392.576 | 3363.036 |

Sample Name: O3044-01      Acquired: 6/7/2023 20:12:56      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB-02-0-2.0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1174582 | -.034510 | 4.839644 | -.035697 | .0247472 | 109.2237 | 1.541938 |
| Stddev | .0026415 | .000629  | .019383  | .002609  | .0007755 | .8268    | .012682  |
| %RSD   | 2.248910 | 1.823126 | .4005015 | 7.307897 | 3.133899 | .7569547 | .8224588 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1205041 | -.033995 | 4.827965 | -.034446 | .0254143 | 108.3107 | 1.532278 |
| #2 | .1157943 | -.035212 | 4.828949 | -.033950 | .0238963 | 109.4388 | 1.537238 |
| #3 | .1160764 | -.034325 | 4.862018 | -.038696 | .0249310 | 109.9217 | 1.556299 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0080676 | .0085647 | 89.70334 | .3308055 | .3482447 | 1.085264 | 311.0254 |
| Stddev | .0000442 | .0002244 | .67097   | .0007292 | .0015474 | .001712  | 2.1195   |
| %RSD   | .5481707 | 2.619619 | .7479894 | .2204153 | .4443511 | .1577618 | .6814407 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0080640 | .0087112 | 89.01664 | .3315174 | .3473671 | 1.084934 | 308.5997 |
| #2 | .0081135 | .0083064 | 89.73601 | .3308386 | .3473356 | 1.083741 | 311.9574 |
| #3 | .0080253 | .0086765 | 90.35739 | .3300603 | .3500315 | 1.087117 | 312.5192 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.53874 | 212.8947 | 4.278520 | .0066371 | 10.82923 | .4802491 | 3.208238 |
| Stddev | .10765   | 1.7239   | .016909  | .0004807 | .06064   | .0038305 | .003377  |
| %RSD   | .9329411 | .8097660 | .3952133 | 7.242828 | .5599873 | .7976032 | .1052713 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.41472 | 211.0198 | 4.265668 | .0062625 | 10.78747 | .4763730 | 3.206064 |
| #2 | 11.59354 | 213.2531 | 4.272217 | .0071791 | 10.80142 | .4840323 | 3.212129 |
| #3 | 11.60796 | 214.4114 | 4.297676 | .0064696 | 10.89878 | .4803419 | 3.206522 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.54861 | .1860140 | .0121151 | .2897846 | 2.210233 | 4.011884 | 8.626114 |
| Stddev | .04519   | .0027472 | .0003361 | .0017749 | .021202  | .037135  | .035733  |
| %RSD   | .3913039 | 1.476879 | 2.773990 | .6124742 | .9592734 | .9256325 | .4142373 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.50127 | .1833392 | .0119782 | .2888681 | 2.191195 | 3.979806 | 8.603002 |
| #2 | 11.59130 | .1858746 | .0124980 | .2886555 | 2.206421 | 4.003281 | 8.608069 |
| #3 | 11.55326 | .1888283 | .0118690 | .2918304 | 2.233082 | 4.052566 | 8.667270 |

Sample Name: O3044-01      Acquired: 6/7/2023 20:12:56      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB-02-0-2.0      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 2.286884 | .0722420 | .0767392 | Z ***** |
| Stddev | .025199  | .0024489 | .0014248 | -----   |
| %RSD   | 1.101891 | 3.389867 | 1.856659 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 2.262006 | .0724107 | .0751956 | Z 5060.641 |
| #2 | 2.286254 | .0697130 | .0770181 | Z 5064.233 |
| #3 | 2.312393 | .0746021 | .0780039 | Z 5065.332 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4731.652 | 68651.67 | 12221.50 | 4351.185 | 3162.360 |
| Stddev    | 6.348    | 179.02   | 41.01    | 8.843    | 8.523    |
| %RSD      | .1341689 | .2607647 | .3355572 | .2032290 | .2695226 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4738.631 | 68585.34 | 12250.50 | 4349.047 | 3170.448 |
| #2 | 4730.105 | 68515.29 | 12174.58 | 4343.607 | 3163.171 |
| #3 | 4726.221 | 68854.39 | 12239.42 | 4360.900 | 3153.460 |



Sample Name: O3044-02      Acquired: 6/7/2023 20:16:44      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB-02-5-7.0      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1310233</b> | <b>-.043700</b> | <b>6.289489</b> | <b>-.035586</b> | <b>.0480362</b> | <b>132.1221</b> |
| Stddev | .0004149        | .002776         | .022998         | .003552         | .0022293        | .7988           |
| %RSD   | .3166737        | 6.351357        | .3656549        | 9.980890        | 4.640952        | .6045576        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1307226 | -.046737 | 6.313535 | -.031608 | .0467076 | 133.0444 |
| #2 | .1308505 | -.041294 | 6.267707 | -.038439 | .0506100 | 131.6547 |
| #3 | .1314966 | -.043069 | 6.287225 | -.036711 | .0467911 | 131.6671 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.289701</b> | <b>.0094275</b> | <b>.0103721</b> | <b>44.74637</b> | <b>.3688245</b> | <b>.3022763</b> |
| Stddev | .005571         | .0002068        | .0003084        | .22446          | .0013904        | .0005615        |
| %RSD   | .4319383        | 2.193014        | 2.973666        | .5016354        | .3769812        | .1857704        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.296133 | .0096386 | .0103012 | 44.99980 | .3698191 | .3027630 |
| #2 | 1.286420 | .0092254 | .0107099 | 44.57260 | .3672358 | .3016619 |
| #3 | 1.286550 | .0094185 | .0101053 | 44.66672 | .3694187 | .3024040 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.345238</b> | <b>372.3673</b> | <b>5.917748</b> | <b>184.2512</b> | <b>4.193818</b> | <b>.0080903</b> |
| Stddev | .003136         | 2.9379          | .042842         | .8996           | .011472         | .0001652        |
| %RSD   | .2331335        | .7889870        | .7239618        | .4882392        | .2735494        | 2.042468        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.345340 | 374.1223 | 5.965863 | 185.2715 | 4.207032 | .0081284 |
| #2 | 1.348322 | 368.9755 | 5.883732 | 183.5724 | 4.186398 | .0079094 |
| #3 | 1.342052 | 374.0040 | 5.903649 | 183.9096 | 4.188025 | .0082332 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>11.61488</b> | <b>.4492160</b> | <b>2.587424</b> | <b>11.93065</b> | <b>.2101096</b> | <b>.0137789</b> |
| Stddev | .05926          | .0035073        | .005815         | .08285          | .0037007        | .0002242        |
| %RSD   | .5101975        | .7807709        | .2247405        | .6944143        | 1.761298        | 1.626818        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 11.64013 | .4516957 | 2.594109 | 11.99101 | .2106747 | .0135339 |
| #2 | 11.54718 | .4452031 | 2.583543 | 11.83620 | .2061590 | .0138290 |
| #3 | 11.65733 | .4507493 | 2.584619 | 11.96474 | .2134953 | .0139737 |

Sample Name: O3044-02      Acquired: 6/7/2023 20:16:44      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB-02-5-7.0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.141584 | 2.302873 | 4.706912 | F 11.46630 | 3.625688 | .0714420 |
| Stddev | .002123  | .008622  | .016136  | .03260     | .012381  | .0022431 |
| %RSD   | .1859588 | .3743829 | .3428056 | .2842757   | .3414799 | 3.139692 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.143131 | 2.312347 | 4.724967 | 11.50299 | 3.639805 | .0696146 |
| #2 | 1.142457 | 2.295488 | 4.701868 | 11.44069 | 3.616675 | .0739452 |
| #3 | 1.139164 | 2.300783 | 4.693900 | 11.45523 | 3.620584 | .0707661 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .0346754 | Z ***** |
| Stddev | .0027854 | -----   |
| %RSD   | 8.032859 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .0364880 | Z 5263.570 |
| #2 | .0360700 | Z 5259.350 |
| #3 | .0314681 | Z 5261.565 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5161.038 | 73804.67 | 13053.01 | 4701.698 | 3251.555 |
| Stddev    | 10.280   | 430.55   | 61.90    | 13.893   | 9.716    |
| %RSD      | .1991759 | .5833639 | .4742167 | .2954820 | .2988037 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5149.271 | 73694.95 | 12981.62 | 4696.917 | 3240.782 |
| #2 | 5165.570 | 74279.46 | 13091.68 | 4717.350 | 3254.230 |
| #3 | 5168.272 | 73439.59 | 13085.74 | 4690.828 | 3259.653 |

Sample Name: O3044-03      Acquired: 6/7/2023 20:20:29      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB-02-5.0-7.      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0817845 | -.020689 | 3.583591 | -.021157 | .0135754 | 88.06087 | 1.062515 |
| Stddev | .0017410 | .000668  | .038343  | .001994  | .0022048 | 1.00599  | .013161  |
| %RSD   | 2.128789 | 3.226617 | 1.069961 | 9.423095 | 16.24085 | 1.142381 | 1.238649 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0797950 | -.020824 | 3.543850 | -.023459 | .0110303 | 86.90073 | 1.047322 |
| #2 | .0830292 | -.019965 | 3.620363 | -.020052 | .0149000 | 88.59022 | 1.070392 |
| #3 | .0825295 | -.021279 | 3.586562 | -.019961 | .0147959 | 88.69166 | 1.069833 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0064212 | .0051668 | 29.68925 | .2422325 | .1776902 | .8360063 | 208.2051 |
| Stddev | .0000671 | .0001143 | .35435   | .0005812 | .0021996 | .0079817 | 2.3948   |
| %RSD   | 1.044719 | 2.212679 | 1.193528 | .2399194 | 1.237893 | .9547480 | 1.150222 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0064763 | .0051507 | 29.28039 | .2417477 | .1752395 | .8298385 | 205.5771 |
| #2 | .0064409 | .0052883 | 29.90744 | .2428768 | .1794933 | .8450212 | 208.7739 |
| #3 | .0063465 | .0050614 | 29.87992 | .2420731 | .1783378 | .8331590 | 210.2643 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.646704 | 100.8950 | 2.537591 | .0052998 | 8.151739 | .3460562 | 2.231926 |
| Stddev | .040135  | 1.0652   | .024588  | .0005374 | .090660  | .0058197 | .002695  |
| %RSD   | 1.100584 | 1.055718 | .9689609 | 10.13938 | 1.112152 | 1.681715 | .1207440 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.600824 | 99.6698  | 2.510498 | .0047214 | 8.056551 | .3393426 | 2.234215 |
| #2 | 3.663979 | 101.4143 | 2.558489 | .0057835 | 8.161603 | .3491589 | 2.232606 |
| #3 | 3.675310 | 101.6009 | 2.543787 | .0053947 | 8.237064 | .3496671 | 2.228956 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.719378 | .1160722 | .0062642 | .1249168 | 1.775076 | 6.245980 | 6.266522 |
| Stddev | .097638  | .0044769 | .0002519 | .0014083 | .026155  | .079267  | .062277  |
| %RSD   | 1.119785 | 3.856986 | 4.021916 | 1.127410 | 1.473431 | 1.269095 | .9938128 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.617014 | .1113467 | .0059799 | .1233202 | 1.744879 | 6.167656 | 6.202189 |
| #2 | 8.729639 | .1166199 | .0064597 | .1259825 | 1.790588 | 6.244126 | 6.326518 |
| #3 | 8.811480 | .1202501 | .0063530 | .1254479 | 1.789760 | 6.326159 | 6.270859 |

Sample Name: O3044-03      Acquired: 6/7/2023 20:20:29      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB-02-5.0-7.      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 2.606797 | .0518451 | .1030984 | z ***** |
| Stddev | .022444  | .0019099 | .0011601 | -----   |
| %RSD   | .8609903 | 3.683889 | 1.125220 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 2.582308 | .0516073 | .1017692 | z 4507.691 |
| #2 | 2.626387 | .0538628 | .1039067 | z 4487.697 |
| #3 | 2.611696 | .0500652 | .1036194 | z 4497.359 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4792.751 | 69044.42 | 11988.67 | 4416.972 | 3344.641 |
| Stddev    | 29.796   | 438.45   | 83.03    | 10.115   | 27.401   |
| %RSD      | .6216946 | .6350200 | .6925626 | .2290058 | .8192633 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4821.242 | 69526.50 | 12081.60 | 4428.086 | 3373.709 |
| #2 | 4761.802 | 68937.30 | 11921.79 | 4414.525 | 3319.285 |
| #3 | 4795.209 | 68669.46 | 11962.62 | 4408.305 | 3340.929 |

Sample Name: CCV08      Acquired: 6/7/2023 20:24:17      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA12055      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.775879</b> | <b>4.729218</b> | <b>4.677458</b> | <b>4.765036</b> | <b>4.798963</b> | <b>9.418185</b> |
| Stddev | .024794         | .029175         | .013571         | .013806         | .017282         | .018988         |
| %RSD   | .5191538        | .6169138        | .2901378        | .2897429        | .3601143        | .2016150        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.764125 | 4.699518 | 4.662619 | 4.751232 | 4.781810 | 9.414421 |
| #2 | 4.759149 | 4.730298 | 4.680515 | 4.765030 | 4.798709 | 9.438774 |
| #3 | 4.804365 | 4.757838 | 4.689239 | 4.778845 | 4.816371 | 9.401361 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>9.926344</b> | <b>.2331359</b> | <b>2.370296</b> | <b>24.90272</b> | <b>.9112294</b> | <b>2.337725</b> |
| Stddev | .055660         | .0006671        | .008107         | .12077          | .0012774        | .008209         |
| %RSD   | .5607335        | .2861442        | .3420288        | .4849515        | .1401815        | .3511716        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.930410 | .2324207 | 2.361975 | 24.84612 | .9126098 | 2.329492 |
| #2 | 9.979860 | .2337412 | 2.370744 | 25.04139 | .9100892 | 2.337772 |
| #3 | 9.868762 | .2332459 | 2.378170 | 24.82064 | .9109891 | 2.345910 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.273909</b> | <b>4.961513</b> | <b>2.374166</b> | <b>22.57919</b> | <b>2.375418</b> | <b>1.283292</b> |
| Stddev | .005465         | .029500         | .006610         | .10183          | .009214         | .000550         |
| %RSD   | .4290329        | .5945725        | .2784015        | .4509711        | .3879033        | .0428207        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.269849 | 4.951654 | 2.372279 | 22.56054 | 2.366254 | 1.282938 |
| #2 | 1.271754 | 4.994679 | 2.381514 | 22.68905 | 2.375316 | 1.283014 |
| #3 | 1.280123 | 4.938205 | 2.368705 | 22.48798 | 2.384682 | 1.283925 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>23.51008</b> | <b>2.337534</b> | <b>2.455316</b> | <b>24.86826</b> | <b>4.697855</b> | <b>5.165719</b> |
| Stddev | .04450          | .010139         | .001962         | .05918          | .001556         | .020881         |
| %RSD   | .1892997        | .4337582        | .0799272        | .2379787        | .0331202        | .4042141        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 23.51035 | 2.334776 | 2.455685 | 24.83922 | 4.696065 | 5.148464 |
| #2 | 23.55445 | 2.348767 | 2.457067 | 24.93635 | 4.698878 | 5.159763 |
| #3 | 23.46544 | 2.329059 | 2.453195 | 24.82920 | 4.698623 | 5.188930 |

Sample Name: CCV08      Acquired: 6/7/2023 20:24:17      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA12055      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 5.089836 | 4.823917 | 5.268441 | 4.570436 | 4.540047 | F 4.162696 |
| Stddev | .017742  | .019771  | .038277  | .020233  | .014810  | .017726    |
| %RSD   | .3485843 | .4098587 | .7265370 | .4426973 | .3261980 | .4258385   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.074377 | 4.819855 | 5.229056 | 4.548515 | 4.528286 | 4.163506 |
| #2 | 5.085922 | 4.845404 | 5.305505 | 4.574399 | 4.535178 | 4.180003 |
| #3 | 5.109208 | 4.806492 | 5.270762 | 4.588395 | 4.556679 | 4.144578 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | 4.702421 | Z ***** |
| Stddev | .042606  | -----   |
| %RSD   | .9060410 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | 4.653935 | Z 3044.447 |
| #2 | 4.733878 | Z 3038.834 |
| #3 | 4.719452 | Z 3048.861 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3947.613 | 56201.59 | 9873.511 | 3594.598 | 3357.505 |
| Stddev    | 9.336    | 99.21    | 31.406   | 7.791    | 7.228    |
| %RSD      | .2365025 | .1765210 | .3180806 | .2167427 | .2152700 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3955.769 | 56295.20 | 9903.044 | 3599.555 | 3365.243 |
| #2 | 3949.640 | 56097.60 | 9840.519 | 3585.618 | 3356.347 |
| #3 | 3937.430 | 56211.97 | 9876.971 | 3598.621 | 3350.927 |

Sample Name: CCB08      Acquired: 6/7/2023 20:28:03      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB12055      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018980 | .0004523 | .0004413 | -.000284 | -.000273 | -.007788 | -.008798 |
| Stddev | .0022983 | .0012109 | .0011141 | .006498  | .000451  | .008303  | .001142  |
| %RSD   | 121.0923 | 267.7193 | 252.4280 | 2290.891 | 165.5574 | 106.6137 | 12.98408 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000046 | .0018498 | .0003623 | .000079  | .000237  | .001584  | -.007625 |
| #2 | .004435  | -.000209 | -.000631 | -.006955 | -.000622 | -.014223 | -.009907 |
| #3 | .001305  | -.000284 | .001593  | .006025  | -.000433 | -.010724 | -.008861 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000026 | .0000128 | .0030990 | -.000293 | .0001692 | .0000011 | -.003895 |
| Stddev | .000033  | .0000282 | .0022831 | .000248  | .0001963 | .0005184 | .001349  |
| %RSD   | 123.3437 | 220.5326 | 73.67162 | 84.78379 | 116.0523 | 46473.58 | 34.63075 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000000 | .0000427 | .0035475 | -.000385 | .0000143 | -.000333 | -.002784 |
| #2 | -.000063 | -.000013 | .0006249 | -.000483 | .0003900 | -.000262 | -.003505 |
| #3 | -.000016 | .000009  | .0051245 | -.000012 | .0001032 | .000598  | -.005395 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000240 | -.001962 | .0001366 | .0009151 | -.719611 | -.002807 | .0003107 |
| Stddev | .000098  | .011548  | .0002784 | .0001376 | .020657  | .002301  | .0001792 |
| %RSD   | 40.96597 | 588.4740 | 203.7275 | 15.03509 | 2.870533 | 81.96916 | 57.68458 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000157 | -.000967 | -.000003 | .0010495 | -.742945 | -.001034 | .0002762 |
| #2 | -.000348 | -.013975 | .000457  | .0009215 | -.712230 | -.001979 | .0005046 |
| #3 | -.000213 | .009055  | -.000045 | .0007745 | -.703659 | -.005406 | .0001512 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.019839 | .0052904 | .0018659 | -.000128 | .0055268 | .0135306 | .0007832 |
| Stddev | .024577  | .0014964 | .0004450 | .000202  | .0017778 | .0062080 | .0024527 |
| %RSD   | 123.8829 | 28.28445 | 23.85050 | 157.0849 | 32.16763 | 45.88129 | 313.1794 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.029374 | .0067589 | .0023215 | .000069  | .0075757 | .0206989 | -.002029 |
| #2 | -.038220 | .0037676 | .0018438 | -.000119 | .0046115 | .0099753 | .002479  |
| #3 | .008077  | .0053446 | .0014323 | -.000334 | .0043930 | .0099175 | .001900  |

Sample Name: CCB08      Acquired: 6/7/2023 20:28:03      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: ICSAB12055      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.005603</b> | <b>-.006634</b> | <b>-.000035</b> | <b>z *****</b> |
| Stddev | .001663         | .002247         | .000051         | -----          |
| %RSD   | 29.67974        | 33.86299        | 144.0042        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.005670</b> | <b>-.006481</b> | <b>-.000092</b> | <b>z 2762.625</b> |
| #2 | <b>-.003908</b> | <b>-.008954</b> | <b>-.000021</b> | <b>z 2737.527</b> |
| #3 | <b>-.007231</b> | <b>-.004468</b> | <b>.000007</b>  | <b>z 2769.796</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>4148.806</b> | <b>59180.31</b> | <b>9847.277</b> | <b>3766.230</b> | <b>3797.049</b> |
| Stddev    | 6.359           | 1680.09         | 152.531         | 108.793         | .461            |
| %RSD      | .1532775        | 2.838939        | 1.548967        | 2.888642        | .0121310        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4141.996 | 61119.38 | 9729.916 | 3891.642 | 3796.848 |
| #2 | 4149.830 | 58262.99 | 10019.69 | 3709.838 | 3797.576 |
| #3 | 4154.590 | 58158.57 | 9792.22  | 3697.211 | 3796.723 |



Sample Name: O3044-05      Acquired: 6/7/2023 20:32:05      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB-03-0-2.0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0721479 | -.026820 | 3.894176 | -.037379 | .0207599 | 85.56056 | 1.402244 |
| Stddev | .0043628 | .001154  | .013500  | .000865  | .0023415 | .89576   | .016368  |
| %RSD   | 6.047008 | 4.302573 | .3466678 | 2.314398 | 11.27894 | 1.046926 | 1.167292 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0678668 | -.027768 | 3.878825 | -.038182 | .0208431 | 85.96321 | 1.411468 |
| #2 | .0765880 | -.027158 | 3.904197 | -.036463 | .0183780 | 86.18432 | 1.411919 |
| #3 | .0719888 | -.025535 | 3.899507 | -.037491 | .0230587 | 84.53413 | 1.383345 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060730 | .0072187 | 245.6805 | .3901881 | .2526909 | .7656875 | 292.8784 |
| Stddev | .0001778 | .0001846 | 2.4435   | .0020033 | .0005962 | .0052674 | 3.0669   |
| %RSD   | 2.926979 | 2.556816 | .9945667 | .5134084 | .2359605 | .6879314 | 1.047161 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0061684 | .0073924 | 247.0863 | .3905912 | .2522191 | .7648287 | 291.0140 |
| #2 | .0061828 | .0070249 | 247.0961 | .3919592 | .2533611 | .7609022 | 296.4181 |
| #3 | .0058680 | .0072387 | 242.8590 | .3880140 | .2524927 | .7713315 | 291.2031 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.781320 | 247.6284 | 3.540201 | .0055367 | 6.850566 | .5068141 | 2.344699 |
| Stddev | .046298  | 2.5208   | .016493  | .0001585 | .067273  | .0066909 | .010512  |
| %RSD   | .9683190 | 1.017989 | .4658829 | 2.863257 | .9820075 | 1.320185 | .4483372 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.794890 | 248.9400 | 3.521464 | .0054831 | 6.839571 | .5058700 | 2.347658 |
| #2 | 4.819316 | 249.2230 | 3.552521 | .0054119 | 6.922660 | .5139269 | 2.353416 |
| #3 | 4.729753 | 244.7222 | 3.546620 | .0057150 | 6.789468 | .5006454 | 2.333025 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.59852 | .1796971 | .0362596 | .1306280 | 3.879482 | 4.543242 | 7.718679 |
| Stddev | .06097   | .0052900 | .0002178 | .0014198 | .039259  | .027069  | .033265  |
| %RSD   | .4839357 | 2.943827 | .6006271 | 1.086886 | 1.011958 | .5957973 | .4309699 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.55334 | .1749982 | .0360406 | .1305365 | 3.904078 | 4.526107 | 7.682529 |
| #2 | 12.66787 | .1854265 | .0364761 | .1320914 | 3.900163 | 4.574448 | 7.725509 |
| #3 | 12.57436 | .1786666 | .0362621 | .1292562 | 3.834207 | 4.529172 | 7.748000 |

Sample Name: O3044-05      Acquired: 6/7/2023 20:32:05      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB-03-0-2.0      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 7.369258 | .0546666 | .3369282 | z ***** |
| Stddev | .032411  | .0014995 | .0040656 | -----   |
| %RSD   | .4398127 | 2.742947 | 1.206659 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 7.331898 | .0560416 | .3403720 | z 4737.241 |
| #2 | 7.389843 | .0530678 | .3379693 | z 4730.558 |
| #3 | 7.386033 | .0548903 | .3324433 | z 4732.957 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4314.497 | 61762.94 | 10927.66 | 3927.898 | 3091.212 |
| Stddev    | 11.535   | 310.70   | 95.36    | 24.402   | 13.595   |
| %RSD      | .2673483 | .5030453 | .8726093 | .6212606 | .4397990 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4327.705 | 61815.94 | 10846.82 | 3925.887 | 3106.846 |
| #2 | 4309.379 | 61429.16 | 10903.34 | 3904.563 | 3082.165 |
| #3 | 4306.407 | 62043.73 | 11032.82 | 3953.244 | 3084.625 |

Sample Name: O3044-06      Acquired: 6/7/2023 20:35:51      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB-03-5.0-7.      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0806634 | -.028272 | 4.712080 | -.044721 | .0133624 | 80.34986 | 1.238841 |
| Stddev | .0010827 | .001739  | .002064  | .004393  | .0024372 | .05581   | .001815  |
| %RSD   | 1.342310 | 6.151273 | .0437924 | 9.822899 | 18.23936 | .0694563 | .1465468 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0803674 | -.026264 | 4.709755 | -.040634 | .0129020 | 80.40823 | 1.239521 |
| #2 | .0818634 | -.029229 | 4.713692 | -.049366 | .0159970 | 80.29703 | 1.240219 |
| #3 | .0797595 | -.029322 | 4.712795 | -.044163 | .0111883 | 80.34432 | 1.236784 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065659 | .0065455 | 519.7255 | .4572821 | .2661500 | .5828300 | 282.3291 |
| Stddev | .0000736 | .0002264 | .7459    | .0034581 | .0002497 | .0056353 | 2.6052   |
| %RSD   | 1.120836 | 3.458135 | .1435094 | .7562372 | .0938260 | .9668805 | .9227646 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0066016 | .0062994 | 518.9712 | .4608903 | .2664375 | .5784290 | 284.5199 |
| #2 | .0064813 | .0067448 | 519.7425 | .4539967 | .2660253 | .5891814 | 279.4484 |
| #3 | .0066149 | .0065922 | 520.4626 | .4569593 | .2659872 | .5808797 | 283.0190 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.979336 | 430.4697 | 5.403525 | .0047522 | 7.425314 | .3300611 | 2.082145 |
| Stddev | .011887  | .7655    | .002184  | .0006684 | .078057  | .0011329 | .013166  |
| %RSD   | .1988037 | .1778402 | .0404115 | 14.06572 | 1.051234 | .3432447 | .6323509 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.990855 | 431.2564 | 5.404206 | .0055000 | 7.485155 | .3313624 | 2.094687 |
| #2 | 5.967112 | 429.7272 | 5.405288 | .0042128 | 7.337022 | .3292943 | 2.068433 |
| #3 | 5.980040 | 430.4256 | 5.401082 | .0045437 | 7.453766 | .3295267 | 2.083316 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.09735 | .1771375 | .0135682 | .0808053 | 2.758610 | 4.370943 | 7.480358 |
| Stddev | .11758   | .0058844 | .0003394 | .0015649 | .001238  | .033104  | .016170  |
| %RSD   | .7787937 | 3.321959 | 2.501417 | 1.936596 | .0448935 | .7573588 | .2161603 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.20953 | .1821746 | .0137278 | .0790165 | 2.760030 | 4.406811 | 7.498170 |
| #2 | 14.97503 | .1706696 | .0137984 | .0814788 | 2.758044 | 4.341564 | 7.476301 |
| #3 | 15.10750 | .1785684 | .0131785 | .0819207 | 2.757755 | 4.364453 | 7.466603 |

Sample Name: O3044-06      Acquired: 6/7/2023 20:35:51      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB-03-5.0-7.      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 6.637579 | .1043600 | .5256198 | Z ***** |
| Stddev | .002895  | .0016225 | .0010270 | -----   |
| %RSD   | .0436106 | 1.554751 | .1953903 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 6.635986 | .1060767 | .5257405 | Z 4906.562 |
| #2 | 6.640921 | .1028518 | .5265811 | Z 4930.334 |
| #3 | 6.635831 | .1041516 | .5245378 | Z 4921.444 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4099.727 | 59511.79 | 10385.64 | 3754.329 | 2893.260 |
| Stddev    | 7.283    | 471.79   | 13.53    | 23.743   | 4.785    |
| %RSD      | .1776563 | .7927734 | .1302303 | .6324146 | .1653790 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4095.899 | 59105.56 | 10374.20 | 3732.549 | 2892.026 |
| #2 | 4095.155 | 60029.26 | 10400.57 | 3779.639 | 2889.212 |
| #3 | 4108.126 | 59400.53 | 10382.15 | 3750.799 | 2898.540 |

Sample Name: O3044-08      Acquired: 6/7/2023 20:39:45      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB-04-0-2.0      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0771684</b> | <b>-.032818</b> | <b>2.225333</b> | <b>-.041706</b> | <b>.0130122</b> | <b>122.0950</b> | <b>.9729183</b> |
| Stddev | .0004757        | .002439         | .014918         | .004351         | .0014975        | .2159           | .0017365        |
| %RSD   | .6164806        | 7.431516        | .6703543        | 10.43216        | 11.50821        | .1768108        | .1784891        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0775081 | -.030061 | 2.209130 | -.039830 | .0147219 | 121.9222 | .9721528 |
| #2 | .0773724 | -.033702 | 2.238497 | -.046680 | .0123812 | 122.0258 | .9716960 |
| #3 | .0766247 | -.034692 | 2.228372 | -.038607 | .0119335 | 122.3370 | .9749060 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0081048</b> | <b>.0035204</b> | <b>121.0893</b> | <b>.3401790</b> | <b>.2556621</b> | <b>.7476003</b> | <b>323.8409</b> |
| Stddev | .0000598        | .0003302        | .1822           | .0003305        | .0017306        | .0079723        | 2.1410          |
| %RSD   | .7384392        | 9.379164        | .1504518        | .0971696        | .6768882        | 1.066381        | .6611126        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0080757 | .0034102 | 120.9141 | .3405566 | .2537682 | .7423881 | 322.2024 |
| #2 | .0080651 | .0038915 | 121.0760 | .3399423 | .2571610 | .7567777 | 323.0571 |
| #3 | .0081736 | .0032593 | 121.2777 | .3400379 | .2560571 | .7436351 | 326.2633 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.114887</b> | <b>174.1768</b> | <b>4.110580</b> | <b>.0046523</b> | <b>6.075533</b> | <b>.5693901</b> | <b>1.639094</b> |
| Stddev | .010068         | .3192           | .027555         | .0008208        | .012241         | .0036813        | .001046         |
| %RSD   | .1968402        | .1832780        | .6703426        | 17.64259        | .2014746        | .6465318        | .0638355        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.105738 | 173.8295 | 4.080308 | .0046301 | 6.073557 | .5679083 | 1.638639 |
| #2 | 5.113250 | 174.2435 | 4.134200 | .0038428 | 6.064400 | .5666806 | 1.638353 |
| #3 | 5.125673 | 174.4574 | 4.117231 | .0054839 | 6.088641 | .5735813 | 1.640291 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>18.21307</b> | <b>.2095389</b> | <b>.0060206</b> | <b>.0922870</b> | <b>4.549491</b> | <b>3.745486</b> | <b>8.391566</b> |
| Stddev | .04874          | .0047951        | .0000575        | .0014196        | .001700         | .014702         | .025506         |
| %RSD   | .2676153        | 2.288396        | .9553812        | 1.538270        | .0373558        | .3925241        | .3039451        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.16704 | .2062546 | .0059542 | .0914803 | 4.551238 | 3.744040 | 8.366432 |
| #2 | 18.20802 | .2073207 | .0060526 | .0939262 | 4.547843 | 3.731561 | 8.417428 |
| #3 | 18.26413 | .2150415 | .0060549 | .0914546 | 4.549393 | 3.760858 | 8.390837 |

Sample Name: O3044-08      Acquired: 6/7/2023 20:39:45      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB-04-0-2.0      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 9.592547 | .0880746 | .2147116 | z ***** |
| Stddev | .078722  | .0020431 | .0014308 | -----   |
| %RSD   | .8206532 | 2.319787 | .6663955 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 9.509950 | .0858789 | .2156100 | z 5046.003 |
| #2 | 9.666715 | .0899199 | .2154632 | z 5060.359 |
| #3 | 9.600976 | .0884251 | .2130616 | z 5043.741 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4633.644 | 66448.28 | 11511.48 | 4226.008 | 3217.270 |
| Stddev    | 20.235   | 128.51   | 32.53    | 8.257    | 15.902   |
| %RSD      | .4366880 | .1933942 | .2825986 | .1953896 | .4942589 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4656.140 | 66506.76 | 11480.12 | 4233.129 | 3234.732 |
| #2 | 4616.929 | 66537.14 | 11509.24 | 4227.938 | 3203.622 |
| #3 | 4627.865 | 66300.93 | 11545.07 | 4216.957 | 3213.456 |

Sample Name: O3044-09      Acquired: 6/7/2023 20:43:32      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB-04-5.0-7.      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0837195 | -.035435 | 3.336605 | -.049355 | .0213613 | 109.8840 | 1.333877 |
| Stddev | .0021766 | .002664  | .013090  | .001650  | .0027302 | 5.0480   | .066266  |
| %RSD   | 2.599889 | 7.517074 | .3923097 | 3.343558 | 12.78124 | 4.593903 | 4.967906 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0861589 | -.035959 | 3.321821 | -.050012 | .0206308 | 105.0069 | 1.274016 |
| #2 | .0830235 | -.032549 | 3.346719 | -.050575 | .0243824 | 115.0870 | 1.405083 |
| #3 | .0819759 | -.037798 | 3.341276 | -.047477 | .0190705 | 109.5581 | 1.322533 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0087528 | .0056936 | 166.0001 | .4756358 | .3319357 | .9851671 | 379.1422 |
| Stddev | .0003214 | .0006094 | 7.5269   | .0088429 | .0006898 | .0123410 | 8.0438   |
| %RSD   | 3.672268 | 10.70272 | 4.534274 | 1.859172 | .2078066 | 1.252680 | 2.121582 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0084714 | .0059870 | 158.8773 | .4750937 | .3311401 | .9894709 | 371.6873 |
| #2 | .0091031 | .0061008 | 173.8747 | .4670765 | .3322999 | .9947800 | 378.0716 |
| #3 | .0086839 | .0049930 | 165.2482 | .4847373 | .3323669 | .9712506 | 387.6677 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.169326 | 278.9425 | 6.519519 | .0055513 | 4.065883 | .4041529 | 2.761143 |
| Stddev | .281399  | 12.8336  | .033926  | .0011003 | .097292  | .0170305 | .058921  |
| %RSD   | 4.561259 | 4.600791 | .5203762 | 19.82032 | 2.392883 | 4.213869 | 2.133943 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.894115 | 266.4828 | 6.480418 | .0043076 | 3.965184 | .3868929 | 2.751673 |
| #2 | 6.456530 | 292.1198 | 6.541141 | .0063979 | 4.073098 | .4209442 | 2.707530 |
| #3 | 6.157333 | 278.2248 | 6.536999 | .0059485 | 4.159366 | .4046216 | 2.824226 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.80835 | .2109697 | .0067998 | .1160478 | 4.949306 | 5.808690 | 7.661083 |
| Stddev | .31912   | .0124589 | .0001304 | .0010256 | .228561  | .102842  | .050625  |
| %RSD   | 1.791966 | 5.905518 | 1.917011 | .8837920 | 4.618036 | 1.770478 | .6608015 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 17.54555 | .2085022 | .0068313 | .1148998 | 4.732816 | 5.727240 | 7.604766 |
| #2 | 17.71605 | .1999292 | .0066566 | .1163695 | 5.188276 | 5.774577 | 7.675674 |
| #3 | 18.16344 | .2244776 | .0069115 | .1168739 | 4.926825 | 5.924254 | 7.702810 |

Sample Name: O3044-09      Acquired: 6/7/2023 20:43:32      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB-04-5.0-7.      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 7.197366 | .0814241 | .2899337 | z ***** |
| Stddev | .026531  | .0098978 | .0282397 | -----   |
| %RSD   | .3686230 | 12.15583 | 9.740038 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 7.168038 | .0744136 | .2676835 | z 5000.250 |
| #2 | 7.204364 | .0927464 | .3217028 | z 4994.000 |
| #3 | 7.219697 | .0771123 | .2804147 | z 4998.703 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4489.748 | 64826.75 | 11240.03 | 4086.594 | 3092.836 |
| Stddev    | 15.816   | 1047.18  | 377.63   | 67.950   | 12.949   |
| %RSD      | .3522799 | 1.615357 | 3.359706 | 1.662762 | .4186706 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4505.562 | 65216.91 | 11590.74 | 4104.462 | 3107.617 |
| #2 | 4473.929 | 65622.84 | 10840.27 | 4143.825 | 3083.492 |
| #3 | 4489.753 | 63640.49 | 11289.07 | 4011.495 | 3087.399 |



Sample Name: O3044-11      Acquired: 6/7/2023 20:47:18      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB-07-0-2.0      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0886468</b> | <b>-.034115</b> | <b>5.166341</b> | <b>-.048061</b> | <b>.0160099</b> | <b>79.80599</b> | <b>2.564344</b> |
| Stddev | .0042483        | .001734         | .062670         | .003749         | .0025578        | .63961          | .012307         |
| %RSD   | 4.792429        | 5.083456        | 1.213050        | 7.800033        | 15.97660        | .8014547        | .4799233        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0841409 | -.032941 | 5.101094 | -.045030 | .0135725 | 79.18687 | 2.555109 |
| #2 | .0925793 | -.033299 | 5.171859 | -.052253 | .0157842 | 80.46428 | 2.578316 |
| #3 | .0892203 | -.036107 | 5.226070 | -.046901 | .0186732 | 79.76684 | 2.559609 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0066806</b> | <b>.0041641</b> | <b>201.5871</b> | <b>.5174851</b> | <b>.4031474</b> | <b>.7041774</b> | <b>345.1032</b> |
| Stddev | .0001500        | .0001215        | 1.4858          | .0021504        | .0053913        | .0110839        | 2.9212          |
| %RSD   | 2.246011        | 2.917863        | .7370556        | .4155384        | 1.337293        | 1.574016        | .8464818        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0068149 | .0040612 | 200.2452 | .5158333 | .3977174 | .6945874 | 342.1614 |
| #2 | .0067081 | .0041329 | 203.1838 | .5167056 | .4032259 | .7016324 | 345.1448 |
| #3 | .0065187 | .0042981 | 201.3323 | .5199166 | .4084990 | .7163124 | 348.0034 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>6.586283</b> | <b>409.7215</b> | <b>7.874657</b> | <b>.0044229</b> | <b>.7420803</b> | <b>.3054304</b> | <b>2.488665</b> |
| Stddev | .061810         | 3.5116          | .098593         | .0006911        | .0073132        | .0046325        | .007191         |
| %RSD   | .9384625        | .8570701        | 1.252031        | 15.62649        | .9855019        | 1.516704        | .2889371        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.525717 | 406.6368 | 7.777198 | .0036764 | .7369147 | .3018584 | 2.483391 |
| #2 | 6.649266 | 413.5431 | 7.872428 | .0050406 | .7388778 | .3106647 | 2.485747 |
| #3 | 6.583866 | 408.9847 | 7.974346 | .0045517 | .7504485 | .3037681 | 2.496856 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>15.18545</b> | <b>.1969320</b> | <b>.0061885</b> | <b>.1032066</b> | <b>2.465297</b> | <b>4.527926</b> | <b>6.339086</b> |
| Stddev | .10485          | .0049287        | .0004783        | .0006433        | .014841         | .047029         | .066135         |
| %RSD   | .6904777        | 2.502748        | 7.728641        | .6232628        | .6019931        | 1.038637        | 1.043284        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.09443 | .1934537 | .0059968 | .1025507 | 2.449988 | 4.537903 | 6.266073 |
| #2 | 15.16181 | .1947701 | .0058359 | .1032328 | 2.479620 | 4.476709 | 6.356211 |
| #3 | 15.30010 | .2025722 | .0067329 | .1038364 | 2.466284 | 4.569166 | 6.394974 |

Sample Name: O3044-11      Acquired: 6/7/2023 20:47:18      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB-07-0-2.0      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.980471 | .0308600 | .4135392 | z ***** |
| Stddev | .066623  | .0032455 | .0056467 | -----   |
| %RSD   | 1.337693 | 10.51677 | 1.365469 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.916788 | .0299792 | .4104888 | z 4549.561 |
| #2 | 4.974936 | .0344549 | .4200551 | z 4581.639 |
| #3 | 5.049689 | .0281458 | .4100736 | z 4571.586 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4289.952 | 61886.49 | 11053.13 | 3920.142 | 3047.255 |
| Stddev    | 44.249   | 191.60   | 102.53   | 9.774    | 34.076   |
| %RSD      | 1.031466 | .3095965 | .9276199 | .2493305 | 1.118267 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4331.588 | 62106.89 | 11105.51 | 3931.317 | 3082.174 |
| #2 | 4294.781 | 61792.94 | 10934.99 | 3915.919 | 3045.503 |
| #3 | 4243.486 | 61759.64 | 11118.89 | 3913.189 | 3014.089 |

Sample Name: O3044-12      Acquired: 6/7/2023 20:51:05      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB-07-5.0-7.      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0907015 | -.034239 | 4.485249 | -.048042 | .0177193 | 114.4026 | 1.839053 |
| Stddev | .0038659 | .000586  | .026320  | .000728  | .0022279 | .5068    | .012130  |
| %RSD   | 4.262271 | 1.712365 | .5868132 | 1.515610 | 12.57325 | .4430293 | .6595704 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0951626 | -.034909 | 4.481483 | -.048857 | .0168590 | 113.8602 | 1.826137 |
| #2 | .0883314 | -.033988 | 4.461015 | -.047455 | .0160498 | 114.4836 | 1.840818 |
| #3 | .0886106 | -.033819 | 4.513249 | -.047814 | .0202491 | 114.8641 | 1.850203 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0082028 | .0062429 | 213.2530 | .4992836 | .3273251 | .8352502 | 355.8656 |
| Stddev | .0000140 | .0001041 | .8767    | .0014945 | .0017007 | .0034200 | 2.4170   |
| %RSD   | .1712309 | 1.667940 | .4110947 | .2993269 | .5195884 | .4094518 | .6792006 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0081896 | .0063604 | 212.3295 | .4988216 | .3269565 | .8366476 | 353.5005 |
| #2 | .0082176 | .0061620 | 213.3558 | .4980747 | .3258389 | .8313528 | 355.7649 |
| #3 | .0082011 | .0062062 | 214.0738 | .5009546 | .3291799 | .8377501 | 358.3314 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.517977 | 249.8938 | 5.163114 | .0057106 | 1.343989 | .3947917 | 2.740976 |
| Stddev | .016982  | .9930    | .026636  | .0003250 | .011495  | .0007426 | .005754  |
| %RSD   | .2605437 | .3973875 | .5158864 | 5.691018 | .8552762 | .1881062 | .2099268 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.498508 | 248.8045 | 5.150597 | .0054339 | 1.333082 | .3941394 | 2.734376 |
| #2 | 6.525685 | 250.1283 | 5.145043 | .0060685 | 1.342894 | .3955999 | 2.743616 |
| #3 | 6.529738 | 250.7486 | 5.193703 | .0056293 | 1.355993 | .3946357 | 2.744937 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 30.47626 | .2114811 | .0071517 | .2134849 | 3.598604 | 3.344868 | 8.690010 |
| Stddev | .15607   | .0046531 | .0000486 | .0006703 | .021535  | .033190  | .059231  |
| %RSD   | .5120991 | 2.200252 | .6789136 | .3140005 | .5984188 | .9922734 | .6816034 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 30.32621 | .2063179 | .0071368 | .2140781 | 3.576007 | 3.318345 | 8.679647 |
| #2 | 30.46485 | .2127754 | .0071123 | .2136189 | 3.600915 | 3.334172 | 8.636644 |
| #3 | 30.63772 | .2153501 | .0072059 | .2127577 | 3.618891 | 3.382087 | 8.753739 |

Sample Name: O3044-12      Acquired: 6/7/2023 20:51:05      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB-07-5.0-7.      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 5.066659 | .0921851 | .3784324 | Z ***** |
| Stddev | .026424  | .0018676 | .0008975 | -----   |
| %RSD   | .5215252 | 2.025918 | .2371486 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 5.060287 | .0937849 | .3789507 | Z 5002.942 |
| #2 | 5.044003 | .0901329 | .3789505 | Z 5012.131 |
| #3 | 5.095686 | .0926375 | .3773961 | Z 5001.048 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4423.014 | 64125.99 | 11484.50 | 4048.970 | 3056.197 |
| Stddev    | 12.379   | 96.19    | 36.64    | 14.887   | 13.690   |
| %RSD      | .2798834 | .1500075 | .3190445 | .3676721 | .4479334 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4431.970 | 64236.16 | 11466.80 | 4061.403 | 3061.080 |
| #2 | 4428.184 | 64083.19 | 11460.08 | 4032.473 | 3066.775 |
| #3 | 4408.888 | 64058.63 | 11526.63 | 4053.033 | 3040.735 |

Sample Name: O3044-14      Acquired: 6/7/2023 20:54:51      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB-08-0-2.0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0814876 | -.037579 | 2.482438 | -.045827 | .0105797 | 142.7979 | 1.100531 |
| Stddev | .0011946 | .001815  | .054998  | .007242  | .0016461 | 1.3217   | .007036  |
| %RSD   | 1.465985 | 4.830680 | 2.215484 | 15.80380 | 15.55860 | .9255885 | .6393481 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0807857 | -.037406 | 2.545514 | -.044318 | .0088660 | 141.2729 | 1.092629 |
| #2 | .0808103 | -.035856 | 2.444509 | -.053706 | .0107246 | 143.6109 | 1.106120 |
| #3 | .0828670 | -.039475 | 2.457293 | -.039458 | .0121485 | 143.5100 | 1.102843 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0081955 | .0051735 | 227.5402 | .3494114 | .2295536 | .7708767 | 332.5660 |
| Stddev | .0000268 | .0013172 | 1.4954   | .0161297 | .0054663 | .0375405 | 14.9587  |
| %RSD   | .3276262 | 25.46034 | .6572120 | 4.616242 | 2.381284 | 4.869847 | 4.497962 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0081809 | .0058340 | 225.8553 | .3539118 | .2358490 | .7997566 | 333.1522 |
| #2 | .0082264 | .0060298 | 228.7099 | .3315095 | .2260099 | .7844324 | 317.3228 |
| #3 | .0081790 | .0036567 | 228.0555 | .3628129 | .2268019 | .7284412 | 347.2229 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.862091 | 237.9245 | 2.936250 | .0030809 | 2.392975 | .5159676 | 1.785735 |
| Stddev | .045257  | 1.9023   | .066541  | .0002297 | .156480  | .0026801 | .086678  |
| %RSD   | .9308102 | .7995323 | 2.266185 | 7.454476 | 6.539151 | .5194334 | 4.853884 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.810132 | 235.7284 | 3.012550 | .0028242 | 2.396679 | .5132006 | 1.812665 |
| #2 | 4.883234 | 239.0626 | 2.890263 | .0031515 | 2.234676 | .5161507 | 1.688789 |
| #3 | 4.892907 | 238.9825 | 2.905936 | .0032669 | 2.547570 | .5185514 | 1.855751 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.54508 | .1774868 | .0073860 | .1692143 | 2.885137 | 6.928413 | 8.297912 |
| Stddev | .63038   | .0212768 | .0003167 | .0028140 | .025772  | .321274  | .182655  |
| %RSD   | 4.653933 | 11.98784 | 4.288407 | 1.662991 | .8932562 | 4.637047 | 2.201216 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.60585 | .1752564 | .0077281 | .1716764 | 2.855594 | 6.959339 | 8.508742 |
| #2 | 12.88651 | .1574131 | .0073269 | .1661468 | 2.903005 | 6.592794 | 8.187412 |
| #3 | 14.14287 | .1997910 | .0071030 | .1698196 | 2.896813 | 7.233105 | 8.197582 |

Sample Name: O3044-14      Acquired: 6/7/2023 20:54:51      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB-08-0-2.0      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 7.176858 | .1102268 | .0699664 | Z ***** |
| Stddev | .165747  | .0038436 | .0152489 | -----   |
| %RSD   | 2.309469 | 3.486958 | 21.79459 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 7.368104 | .1073560 | .0649045 | Z 5138.961 |
| #2 | 7.074852 | .1145934 | .0871025 | Z 5128.696 |
| #3 | 7.087617 | .1087309 | .0578922 | Z 5151.447 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4373.139 | 63840.15 | 10890.83 | 4068.664 | 3006.728 |
| Stddev    | 71.478   | 2834.61  | 22.27    | 176.114  | 63.049   |
| %RSD      | 1.634468 | 4.440169 | .2044400 | 4.328541 | 2.096918 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4291.306 | 62999.74 | 10896.75 | 4012.216 | 2934.829 |
| #2 | 4423.359 | 66999.93 | 10866.20 | 4266.081 | 3052.578 |
| #3 | 4404.751 | 61520.77 | 10909.53 | 3927.695 | 3032.777 |

Sample Name: O3044-15      Acquired: 6/7/2023 20:58:38      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB-08-5.0-7.      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0808796</b> | <b>-.036795</b> | <b>1.307326</b> | <b>-.037911</b> | <b>.0078727</b> | <b>146.8781</b> | <b>.6662345</b> |
| Stddev | .0038773        | .003173         | .014840         | .001751         | .0019339        | 2.6445          | .0124740        |
| %RSD   | 4.793940        | 8.623571        | 1.135146        | 4.618700        | 24.56500        | 1.800465        | 1.872310        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0769851 | -.039545 | 1.324454 | -.039800 | .0075343 | 148.4728 | .6750723 |
| #2 | .0847395 | -.033323 | 1.298296 | -.036342 | .0099535 | 148.3359 | .6716656 |
| #3 | .0809142 | -.037518 | 1.299229 | -.037591 | .0061303 | 143.8255 | .6519658 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0075888</b> | <b>.0022871</b> | <b>183.2668</b> | <b>.3535445</b> | <b>.2184261</b> | <b>.5697206</b> | <b>322.1841</b> |
| Stddev | .0001228        | .0000979        | 3.2781          | .0054200        | .0028150        | .0059569        | 3.7188          |
| %RSD   | 1.618616        | 4.281441        | 1.788680        | 1.533036        | 1.288768        | 1.045589        | 1.154246        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0076540 | .0021744 | 185.1687 | .3594624 | .2216375 | .5760640 | 326.4391 |
| #2 | .0076653 | .0023363 | 185.1502 | .3488220 | .2163855 | .5642454 | 319.5557 |
| #3 | .0074471 | .0023508 | 179.4817 | .3523491 | .2172552 | .5688524 | 320.5576 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.568947</b> | <b>223.2926</b> | <b>3.373231</b> | <b>.0032089</b> | <b>2.154024</b> | <b>.4139214</b> | <b>1.015549</b> |
| Stddev | .081295         | 4.0059          | .040645         | .0002705        | .027586         | .0101520        | .013979         |
| %RSD   | 1.779289        | 1.793993        | 1.204940        | 8.431186        | 1.280689        | 2.452636        | 1.376531        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.611484 | 225.5453 | 3.419835 | .0029169 | 2.184882 | .4205756 | 1.028788 |
| #2 | 4.620148 | 225.6651 | 3.345124 | .0032587 | 2.131750 | .4189521 | 1.000931 |
| #3 | 4.475210 | 218.6676 | 3.354733 | .0034511 | 2.145440 | .4022364 | 1.016927 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>11.66178</b> | <b>.1787002</b> | <b>.0064119</b> | <b>.0569946</b> | <b>2.230693</b> | <b>8.598658</b> | <b>6.801875</b> |
| Stddev | .16812          | .0028802        | .0002388        | .0011011        | .037909         | .116972         | .097268         |
| %RSD   | 1.441646        | 1.611742        | 3.723994        | 1.931964        | 1.699424        | 1.360354        | 1.430022        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.84912 | .1792220 | .0062834 | .0578220 | 2.255299 | 8.729116 | 6.914066 |
| #2 | 11.52404 | .1755947 | .0062648 | .0557448 | 2.249743 | 8.503130 | 6.750355 |
| #3 | 11.61217 | .1812837 | .0066874 | .0574170 | 2.187037 | 8.563728 | 6.741203 |

Sample Name: O3044-15      Acquired: 6/7/2023 20:58:38      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB-08-5.0-7. Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.138477 | .0825823 | -.026051 | Z ***** |
| Stddev | .052313  | .0033375 | .004991  | -----   |
| %RSD   | 1.264058 | 4.041439 | 19.15903 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.196838 | .0830248 | -.027094 | Z 5087.180 |
| #2 | 4.095800 | .0856764 | -.020621 | Z 5080.603 |
| #3 | 4.122794 | .0790456 | -.030438 | Z 5086.638 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4383.825 | 63999.18 | 11054.49 | 4087.400 | 3066.773 |
| Stddev    | 37.762   | 834.62   | 200.23   | 50.879   | 30.322   |
| %RSD      | .8613886 | 1.304103 | 1.811342 | 1.244786 | .9887387 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4341.164 | 63056.75 | 10917.29 | 4030.501 | 3031.815 |
| #2 | 4412.966 | 64644.88 | 10961.92 | 4128.521 | 3085.965 |
| #3 | 4397.343 | 64295.92 | 11284.26 | 4103.179 | 3082.538 |



Sample Name: O3045-01      Acquired: 6/7/2023 21:02:25      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: PAT-1-060523 Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0136997 | -.011671 | .1099779 | -.013517 | .0009711 | 71.16589 | .2903200 |
| Stddev | .0019897 | .001802  | .0007602 | .002806  | .0011531 | 1.00880  | .0026616 |
| %RSD   | 14.52337 | 15.44382 | .6912641 | 20.76197 | 118.7463 | 1.417532 | .9167893 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0138519 | -.013640 | .1092717 | -.011444 | .0017677 | 71.04918 | .2889697 |
| #2 | .0156090 | -.010103 | .1098793 | -.016711 | -.000351 | 70.22053 | .2886043 |
| #3 | .0116384 | -.011271 | .1107826 | -.012397 | .001497  | 72.22797 | .2933862 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0033315 | -.001305 | 30.84885 | .0860555 | .0688368 | .1760300 | 145.2249 |
| Stddev | .0000736 | .000223  | .38833   | .0002201 | .0001942 | .0045395 | 1.8320   |
| %RSD   | 2.210264 | 17.12518 | 1.258802 | .2557341 | .2820972 | 2.578814 | 1.261498 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0033952 | -.001328 | 30.79226 | .0861755 | .0686195 | .1765097 | 144.6489 |
| #2 | .0033485 | -.001071 | 30.49193 | .0858015 | .0689933 | .1803106 | 143.7501 |
| #3 | .0032509 | -.001516 | 31.26237 | .0861895 | .0688977 | .1712697 | 147.2757 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.228089 | 34.50043 | .1386273 | .0026522 | 2.722405 | .2079279 | .2489410 |
| Stddev | .039584  | .51532   | .0001959 | .0004769 | .050528  | .0044914 | .0021509 |
| %RSD   | 1.226245 | 1.493659 | .1413000 | 17.98201 | 1.856011 | 2.160089 | .8640289 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.223215 | 34.40765 | .1387422 | .0028645 | 2.702480 | .2063460 | .2509497 |
| #2 | 3.191168 | 34.03780 | .1387386 | .0021060 | 2.684876 | .2044414 | .2492016 |
| #3 | 3.269885 | 35.05583 | .1384012 | .0029861 | 2.779857 | .2129962 | .2466716 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.373759 | .1078022 | .0017848 | .0767154 | 2.317884 | 5.666094 | 4.425486 |
| Stddev | .066095  | .0028628 | .0002339 | .0002243 | .030432  | .069328  | .016132  |
| %RSD   | .8963486 | 2.655623 | 13.10314 | .2923798 | 1.312916 | 1.223557 | .3645284 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.339561 | .1058765 | .0016828 | .0764642 | 2.316165 | 5.653177 | 4.418079 |
| #2 | 7.331770 | .1064381 | .0020523 | .0768957 | 2.288348 | 5.604134 | 4.414387 |
| #3 | 7.449946 | .1110919 | .0016192 | .0767862 | 2.349139 | 5.740972 | 4.443991 |

Sample Name: O3045-01      Acquired: 6/7/2023 21:02:25      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: PAT-1-060523      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.552320 | .0308069 | -.053847 | Z ***** |
| Stddev | .008269  | .0044201 | .000695  | -----   |
| %RSD   | .5326802 | 14.34768 | 1.291461 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.544442 | .0336628 | -.053350 | Z 4003.347 |
| #2 | 1.551588 | .0257156 | -.053550 | Z 3993.078 |
| #3 | 1.560931 | .0330422 | -.054642 | Z 3995.509 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4424.672 | 62419.45 | 10729.15 | 3992.751 | 3401.917 |
| Stddev    | 6.839    | 274.68   | 75.48    | 18.261   | 3.051    |
| %RSD      | .1545730 | .4400521 | .7035503 | .4573575 | .0896736 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4418.090 | 62420.36 | 10678.21 | 3971.878 | 3398.814 |
| #2 | 4424.182 | 62693.68 | 10815.87 | 4005.777 | 3402.022 |
| #3 | 4431.743 | 62144.32 | 10693.38 | 4000.599 | 3404.913 |

Sample Name: O3049-01      Acquired: 6/7/2023 21:06:14      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: HR-01-060523 Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0148596 | -.023049 | 1.149177 | -.029965 | .0058401 | 92.34460 | 1.169812 |
| Stddev | .0030818 | .001749  | .002803  | .003282  | .0022029 | .61441   | .007148  |
| %RSD   | 20.73956 | 7.587681 | .2439052 | 10.95163 | 37.72072 | .6653425 | .6109991 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0168939 | -.023863 | 1.150173 | -.026548 | .0039802 | 91.66618 | 1.162098 |
| #2 | .0113138 | -.021041 | 1.146012 | -.033093 | .0082728 | 92.86355 | 1.176211 |
| #3 | .0163710 | -.024242 | 1.151346 | -.030254 | .0052671 | 92.50407 | 1.171125 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068162 | .0020986 | 51.84750 | .1922064 | .1258922 | .4073567 | 222.7906 |
| Stddev | .0000547 | .0001289 | .29914   | .0014672 | .0005111 | .0053678 | 1.7789   |
| %RSD   | .8024982 | 6.143807 | .5769575 | .7633406 | .4059673 | 1.317709 | .7984700 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0068310 | .0022442 | 51.52465 | .1905659 | .1264113 | .4135455 | 220.7425 |
| #2 | .0067556 | .0019987 | 52.11527 | .1926601 | .1253895 | .4039670 | 223.6781 |
| #3 | .0068619 | .0020530 | 51.90259 | .1933931 | .1258757 | .4045576 | 223.9512 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.575313 | 47.40777 | .2434216 | .0019641 | 7.437021 | .3407119 | .7751589 |
| Stddev | .024675  | .33190   | .0007159 | .0004411 | .068606  | .0071609 | .0039864 |
| %RSD   | .5392984 | .7001002 | .2941070 | 22.45813 | .9224931 | 2.101734 | .5142694 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.549588 | 47.03198 | .2442250 | .0021949 | 7.359607 | .3325101 | .7709825 |
| #2 | 4.598782 | 47.66082 | .2428513 | .0014555 | 7.490293 | .3457217 | .7755707 |
| #3 | 4.577570 | 47.53051 | .2431886 | .0022419 | 7.461162 | .3439039 | .7789234 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.039880 | .2427733 | .0037152 | .0328649 | 3.102223 | 4.299721 | 5.817127 |
| Stddev | .066536  | .0014229 | .0001808 | .0012650 | .023738  | .037279  | .021345  |
| %RSD   | .8275786 | .5860907 | 4.866457 | 3.849096 | .7652041 | .8670156 | .3669403 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.964273 | .2420017 | .0037841 | .0339241 | 3.076461 | 4.256733 | 5.836416 |
| #2 | 8.089507 | .2419029 | .0038513 | .0314642 | 3.123212 | 4.319272 | 5.794195 |
| #3 | 8.065858 | .2444153 | .0035100 | .0332065 | 3.106996 | 4.323158 | 5.820771 |

Sample Name: O3049-01      Acquired: 6/7/2023 21:06:14      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: HR-01-060523 Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 8.780456 | .0541348 | .1012790 | z ***** |
| Stddev | .026409  | .0012648 | .0008014 | -----   |
| %RSD   | .3007743 | 2.336333 | .7913065 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 8.780776 | .0527851 | .1008047 | z 4772.301 |
| #2 | 8.753888 | .0552927 | .1022043 | z 4785.143 |
| #3 | 8.806704 | .0543266 | .1008280 | z 4784.743 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4845.574 | 69291.91 | 11740.38 | 4455.523 | 3417.394 |
| Stddev    | 11.636   | 454.86   | 59.25    | 17.875   | 7.145    |
| %RSD      | .2401353 | .6564398 | .5046941 | .4011778 | .2090734 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4833.001 | 69806.65 | 11805.96 | 4467.122 | 3410.360 |
| #2 | 4847.758 | 69125.00 | 11690.68 | 4464.507 | 3424.645 |
| #3 | 4855.963 | 68944.08 | 11724.50 | 4434.938 | 3417.177 |

Sample Name: CCV09      Acquired: 6/7/2023 21:10:01      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.758335 | 4.715781 | 4.686224 | 4.750546 | 4.790576 | 9.586883 |
| Stddev | .015705  | .012106  | .014887  | .013716  | .008765  | .067905  |
| %RSD   | .3300592 | .2567102 | .3176696 | .2887146 | .1829694 | .7083118 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.748554 | 4.707315 | 4.674455 | 4.741264 | 4.781937 | 9.580952 |
| #2 | 4.750000 | 4.710380 | 4.681257 | 4.744073 | 4.790327 | 9.522138 |
| #3 | 4.776450 | 4.729647 | 4.702959 | 4.766300 | 4.799463 | 9.657559 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.959428 | .2417780 | 2.371475 | 25.23622 | .9065359 | 2.344651 |
| Stddev | .071823  | .0015684 | .007396  | .19976   | .0043159 | .007317  |
| %RSD   | .7211535 | .6487104 | .3118552 | .7915659 | .4760873 | .3120519 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.988096 | .2424029 | 2.365952 | 25.26791 | .9015549 | 2.338990 |
| #2 | 9.877698 | .2399934 | 2.368596 | 25.02251 | .9091648 | 2.342050 |
| #3 | 10.01249 | .2429376 | 2.379877 | 25.41824 | .9088881 | 2.352912 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.258790 | 4.730428 | 2.395739 | 23.03132 | 2.374242 | 1.273605 |
| Stddev | .004839  | .029878  | .013308  | .22669   | .007774  | .003073  |
| %RSD   | .3844017 | .6316078 | .5554967 | .9842874 | .3274134 | .2412598 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.258853 | 4.698666 | 2.395121 | 23.05727 | 2.366478 | 1.270079 |
| #2 | 1.253919 | 4.734643 | 2.382751 | 22.79276 | 2.374222 | 1.275711 |
| #3 | 1.263596 | 4.757974 | 2.409346 | 23.24392 | 2.382025 | 1.275026 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 22.83879 | 2.364881 | 2.430061 | 23.78796 | 4.871379 | 5.159167 |
| Stddev | .11709   | .021400  | .006085  | .16687   | .034696  | .017845  |
| %RSD   | .5126816 | .9049216 | .2504163 | .7014762 | .7122347 | .3458958 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 22.71010 | 2.369973 | 2.423090 | 23.59826 | 4.894720 | 5.145163 |
| #2 | 22.86722 | 2.341394 | 2.434306 | 23.91203 | 4.831509 | 5.153078 |
| #3 | 22.93905 | 2.383276 | 2.432788 | 23.85360 | 4.887906 | 5.179260 |

Sample Name: CCV09      Acquired: 6/7/2023 21:10:01      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 5.091311 | 4.886183 | 5.051539 | 4.586096 | 4.537132 | F 4.236485 |
| Stddev | .014299  | .034980  | .064119  | .008173  | .016789  | .029794    |
| %RSD   | .2808507 | .7159013 | 1.269296 | .1782172 | .3700417 | .7032618   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.082834 | 4.890490 | 4.992784 | 4.581386 | 4.527488 | 4.242120 |
| #2 | 5.083280 | 4.849249 | 5.119931 | 4.581368 | 4.527389 | 4.204277 |
| #3 | 5.107820 | 4.918810 | 5.041902 | 4.595534 | 4.556518 | 4.263059 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | 4.692152 | Z ***** |
| Stddev | .033410  | -----   |
| %RSD   | .7120492 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | 4.666794 | Z 2977.976 |
| #2 | 4.679652 | Z 2988.150 |
| #3 | 4.730010 | Z 2990.018 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3940.372 | 57080.58 | 9530.385 | 3620.819 | 3349.839 |
| Stddev    | 10.635   | 173.05   | 59.438   | 4.707    | 8.222    |
| %RSD      | .2698878 | .3031764 | .6236736 | .1300067 | .2454440 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3949.967 | 57275.61 | 9492.630 | 3625.674 | 3357.046 |
| #2 | 3942.210 | 56945.38 | 9598.900 | 3616.275 | 3351.588 |
| #3 | 3928.937 | 57020.74 | 9499.627 | 3620.508 | 3340.884 |

Sample Name: CCB09      Acquired: 6/7/2023 21:13:47      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0046440 | -.000818 | .0011173 | -.001163 | -.001134 | .0000142 | -.007913 |
| Stddev | .0005115 | .001170  | .0004363 | .001100  | .001265  | .0080416 | .001234  |
| %RSD   | 11.01420 | 143.0453 | 39.05038 | 94.61961 | 111.5381 | 56465.32 | 15.59172 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0040698 | .000324  | .0012059 | .000066  | .000083  | -.002297 | -.007062 |
| #2 | .0048114 | -.000763 | .0015025 | -.001498 | -.001044 | .008958  | -.009328 |
| #3 | .0050508 | -.002015 | .0006435 | -.002056 | -.002442 | -.006619 | -.007350 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000046 | -.000009 | -.005517 | -.000352 | .0000044 | -.000225 | -.001883 |
| Stddev | .000014  | .000026  | .008077  | .000230  | .0000715 | .000321  | .001476  |
| %RSD   | 29.75423 | 279.2297 | 146.3889 | 65.19121 | 1625.995 | 142.7762 | 78.36998 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000059 | -.000001 | -.001318 | -.000540 | -.000069 | -.000134 | -.000188 |
| #2 | -.000032 | -.000038 | -.000406 | -.000421 | .000074  | -.000580 | -.002879 |
| #3 | -.000046 | .000012  | -.014829 | -.000096 | .000009  | .000041  | -.002584 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000269 | -.026481 | .0000938 | .0005661 | -.750621 | -.003013 | -.000138 |
| Stddev | .000088  | .021283  | .0001496 | .0004929 | .006252  | .000642  | .000102  |
| %RSD   | 32.69205 | 80.36991 | 159.5754 | 87.06439 | .8328492 | 21.31666 | 73.84137 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000269 | -.011156 | .0002200 | .0005958 | -.751966 | -.002823 | -.000021 |
| #2 | -.000181 | -.050782 | -.000072 | .0000591 | -.756090 | -.002487 | -.000189 |
| #3 | -.000357 | -.017506 | .000133  | .0010434 | -.743806 | -.003729 | -.000204 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.038713 | .0046840 | .0017811 | -.000568 | .0049948 | .0182982 | -.001282 |
| Stddev | .020312  | .0002992 | .0006516 | .000193  | .0003642 | .0043209 | .001653  |
| %RSD   | 52.46898 | 6.387495 | 36.58694 | 34.02366 | 7.291299 | 23.61373 | 128.9951 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.016331 | .0049022 | .0024984 | -.000584 | .0054070 | .0229608 | .000423  |
| #2 | -.043831 | .0043430 | .0016190 | -.000367 | .0048611 | .0175047 | -.001389 |
| #3 | -.055977 | .0048069 | .0012257 | -.000752 | .0047164 | .0144291 | -.002879 |

Sample Name: CCB09      Acquired: 6/7/2023 21:13:47      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CRI      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.000704</b> | <b>-.006045</b> | <b>.0000209</b> | <b>z *****</b> |
| Stddev | .002790         | .001566         | .0000160        | -----          |
| %RSD   | 396.4308        | 25.90304        | 76.31468        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.002223</b> | <b>-.006921</b> | <b>.0000334</b> | <b>z 2824.241</b> |
| #2 | <b>-.002405</b> | <b>-.006978</b> | <b>.0000263</b> | <b>z 2852.431</b> |
| #3 | <b>.002516</b>  | <b>-.004238</b> | <b>.0000029</b> | <b>z 2837.011</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>4173.479</b> | <b>58720.05</b> | <b>9913.023</b> | <b>3765.955</b> | <b>3811.203</b> |
| Stddev    | 34.238          | 194.58          | 66.148          | 4.079           | 35.281          |
| %RSD      | .8203818        | .3313632        | .6672800        | .1083164        | .9257154        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4152.706 | 58680.88 | 9913.692 | 3766.986 | 3784.359 |
| #2 | 4154.734 | 58548.04 | 9978.833 | 3761.459 | 3798.086 |
| #3 | 4212.997 | 58931.23 | 9846.543 | 3769.419 | 3851.164 |



Sample Name: O3049-03      Acquired: 6/7/2023 21:17:49      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: HR-03-060523      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0046281 | -.013302 | .4224025 | -.021859 | .0046952 | 86.99729 | .9993395 |
| Stddev | .0033616 | .001875  | .0002923 | .003262  | .0009934 | 2.79346  | .0312935 |
| %RSD   | 72.63543 | 14.09415 | .0692011 | 14.92297 | 21.15848 | 3.210976 | 3.131413 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0035571 | -.015153 | .4226036 | -.022891 | .0054947 | 83.96473 | .9667693 |
| #2 | .0083947 | -.011404 | .4225368 | -.018206 | .0050078 | 87.56168 | 1.002072 |
| #3 | .0019324 | -.013349 | .4220672 | -.024480 | .0035830 | 89.46547 | 1.029177 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0040360 | -.000565 | 59.34003 | .1988266 | .1137953 | .3599970 | 181.0798 |
| Stddev | .0000460 | .000130  | 1.73259  | .0001431 | .0004596 | .0027600 | .8094    |
| %RSD   | 1.140836 | 22.93238 | 2.919768 | .0719822 | .4038496 | .7666692 | .4469663 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0040145 | -.000416 | 57.49330 | .1988110 | .1142992 | .3631353 | 180.1500 |
| #2 | .0040046 | -.000643 | 59.59704 | .1986919 | .1133992 | .3579475 | 181.6258 |
| #3 | .0040888 | -.000638 | 60.92977 | .1989768 | .1136877 | .3589083 | 181.4638 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.885696 | 49.32038 | .1788240 | .0025714 | 5.713598 | .2639690 | .5541802 |
| Stddev | .099264  | 1.55476  | .0003276 | .0003854 | .037004  | .0069039 | .0037808 |
| %RSD   | 3.439878 | 3.152370 | .1831893 | 14.98937 | .6476399 | 2.615423 | .6822336 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.777357 | 47.65410 | .1788177 | .0026995 | 5.698071 | .2566763 | .5585417 |
| #2 | 2.907456 | 49.57481 | .1784996 | .0021383 | 5.755835 | .2648267 | .5521658 |
| #3 | 2.972276 | 50.73223 | .1791547 | .0028765 | 5.686888 | .2704039 | .5518332 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.036142 | .2352127 | .0049986 | .0205277 | 2.755482 | 4.190834 | 4.986229 |
| Stddev | .049910  | .0012895 | .0003763 | .0008295 | .081336  | .010942  | .008129  |
| %RSD   | .8268571 | .5482306 | 7.527262 | 4.041111 | 2.951783 | .2610827 | .1630215 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.982011 | .2341740 | .0054167 | .0211746 | 2.667546 | 4.178259 | 4.995615 |
| #2 | 6.080336 | .2366560 | .0046872 | .0208161 | 2.770886 | 4.196064 | 4.981466 |
| #3 | 6.046081 | .2348081 | .0048919 | .0195925 | 2.828015 | 4.198179 | 4.981607 |

Sample Name: O3049-03      Acquired: 6/7/2023 21:17:49      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: HR-03-060523 Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 5.456572 | .0298706 | .1585847 | z ***** |
| Stddev | .007165  | .0038683 | .0112021 | -----   |
| %RSD   | .1313157 | 12.95025 | 7.063819 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 5.462875 | .0256055 | .1464134 | z 4171.716 |
| #2 | 5.448779 | .0308542 | .1608779 | z 4183.523 |
| #3 | 5.458062 | .0331522 | .1684628 | z 4174.162 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4551.702 | 64340.35 | 11535.98 | 4144.099 | 3438.916 |
| Stddev    | 5.021    | 143.03   | 338.39   | 7.703    | 7.066    |
| %RSD      | .1103195 | .2223083 | 2.933370 | .1858870 | .2054622 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4547.301 | 64323.64 | 11902.03 | 4135.648 | 3434.047 |
| #2 | 4557.171 | 64206.39 | 11471.35 | 4145.921 | 3447.020 |
| #3 | 4550.633 | 64490.99 | 11234.57 | 4150.728 | 3435.681 |

Sample Name: O3026-02      Acquired: 6/7/2023 21:21:36      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: VNJ-223      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000312</b> | <b>-.000313</b> | <b>.0020108</b> | <b>-.003597</b> | <b>-.001764</b> | <b>.1808548</b> | <b>.1159074</b> |
| Stddev | .003022         | .001260         | .0016557        | .003655         | .000794         | .0030933        | .0070663        |
| %RSD   | 969.3343        | 402.6370        | 82.33990        | 101.6079        | 45.02483        | 1.710358        | 6.096485        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002870</b> | <b>-.000783</b> | <b>.0016881</b> | <b>-.000021</b> | <b>-.001083</b> | <b>.1773221</b> | <b>.1138352</b> |
| #2 | <b>-.001088</b> | <b>-.001270</b> | <b>.0038041</b> | <b>-.007325</b> | <b>-.001572</b> | <b>.1830775</b> | <b>.1237781</b> |
| #3 | <b>.003022</b>  | <b>.001114</b>  | <b>.0005402</b> | <b>-.003445</b> | <b>-.002636</b> | <b>.1821648</b> | <b>.1101088</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000109</b> | <b>-.000077</b> | <b>171.0590</b> | <b>.0292621</b> | <b>-.000255</b> | <b>.0009564</b> | <b>.0846327</b> |
| Stddev | .000027         | .000030         | 6.1124          | .0012787        | .000235         | .0006569        | .0092669        |
| %RSD   | 24.38882        | 38.54907        | 3.573254        | 4.369697        | 92.16253        | 68.68064        | 10.94961        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000078</b> | <b>-.000095</b> | <b>166.2565</b> | <b>.0306701</b> | <b>-.000217</b> | <b>.0013423</b> | <b>.0949250</b> |
| #2 | <b>-.000128</b> | <b>-.000094</b> | <b>177.9394</b> | <b>.0289430</b> | <b>-.000508</b> | <b>.0001980</b> | <b>.0820219</b> |
| #3 | <b>-.000120</b> | <b>-.000043</b> | <b>168.9811</b> | <b>.0281732</b> | <b>-.000042</b> | <b>.0013290</b> | <b>.0769513</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0023647</b> | <b>.0400544</b> | <b>.0042928</b> | <b>.0007728</b> | <b>345.5155</b> | <b>-.001975</b> | <b>.0087438</b> |
| Stddev | .0002483        | .0143790        | .0002780        | .0002570        | 8.2417          | .002220         | .0001584        |
| %RSD   | 10.49889        | 35.89875        | 6.475719        | 33.25241        | 2.385327        | 112.4217        | 1.811859        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0021072</b> | <b>.0489182</b> | <b>.0039967</b> | <b>.0010668</b> | <b>355.0088</b> | <b>.000577</b>  | <b>.0089189</b> |
| #2 | <b>.0026025</b> | <b>.0477810</b> | <b>.0043333</b> | <b>.0006604</b> | <b>341.3462</b> | <b>-.003039</b> | <b>.0087024</b> |
| #3 | <b>.0023844</b> | <b>.0234639</b> | <b>.0045483</b> | <b>.0005912</b> | <b>340.1915</b> | <b>-.003463</b> | <b>.0086102</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.508630</b> | <b>.0352366</b> | <b>.0030598</b> | <b>-.003693</b> | <b>.0023646</b> | <b>2.129713</b> | <b>-.001478</b> |
| Stddev | .040952         | .0018422        | .0002673        | .000441         | .0005646        | .044131         | .002299         |
| %RSD   | 2.714530        | 5.227951        | 8.734603        | 11.93296        | 23.87648        | 2.072166        | 155.6011        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.518498</b> | <b>.0347717</b> | <b>.0028583</b> | <b>-.004195</b> | <b>.0019114</b> | <b>2.171497</b> | <b>-.002211</b> |
| #2 | <b>1.543746</b> | <b>.0372666</b> | <b>.0029581</b> | <b>-.003367</b> | <b>.0029970</b> | <b>2.083559</b> | <b>-.003321</b> |
| #3 | <b>1.463645</b> | <b>.0336714</b> | <b>.0033630</b> | <b>-.003518</b> | <b>.0021852</b> | <b>2.134084</b> | <b>.001099</b>  |

Sample Name: O3026-02      Acquired: 6/7/2023 21:21:36      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: VNJ-223      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 5.261437 | .0177202 | 2.262790 | z ***** |
| Stddev | .025410  | .0047743 | .081455  | -----   |
| %RSD   | .4829388 | 26.94292 | 3.599770 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 5.238995 | .0123357 | 2.197340 | z 3295.613 |
| #2 | 5.256289 | .0193877 | 2.354015 | z 3294.589 |
| #3 | 5.289026 | .0214371 | 2.237017 | z 3302.063 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3857.867 | 54003.50 | 9396.546 | 3486.098 | 3205.586 |
| Stddev    | 20.673   | 1262.98  | 266.752  | 82.454   | 15.249   |
| %RSD      | .5358615 | 2.338693 | 2.838829 | 2.365217 | .4757098 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3867.034 | 52575.99 | 9585.880 | 3390.912 | 3212.613 |
| #2 | 3872.370 | 54975.65 | 9091.472 | 3535.522 | 3216.054 |
| #3 | 3834.195 | 54458.87 | 9512.286 | 3531.860 | 3188.090 |

Sample Name: O3036-02      Acquired: 6/7/2023 21:25:44      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: PL-STONE-060 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001452</b> | <b>-.000746</b> | <b>.0007089</b> | <b>-.001194</b> | <b>-.001034</b> | <b>.1782365</b> | <b>.2750721</b> |
| Stddev | .000451         | .001755         | .0023734        | .002321         | .001518         | .0025389        | .0021158        |
| %RSD   | 31.02521        | 235.2106        | 334.8081        | 194.3533        | 146.7467        | 1.424480        | .7691671        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001470</b> | <b>.001248</b>  | <b>.0032284</b> | <b>.001456</b>  | <b>-.002398</b> | <b>.1765943</b> | <b>.2728907</b> |
| #2 | <b>-.001893</b> | <b>-.002057</b> | <b>.0003830</b> | <b>-.002171</b> | <b>-.001306</b> | <b>.1769544</b> | <b>.2752102</b> |
| #3 | <b>-.000993</b> | <b>-.001430</b> | <b>-.001485</b> | <b>-.002868</b> | <b>.000601</b>  | <b>.1811609</b> | <b>.2771154</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000159</b> | <b>-.000057</b> | <b>2.099714</b> | <b>.0020385</b> | <b>.0021460</b> | <b>.0297879</b> | <b>1.223062</b> |
| Stddev | .0000476        | .000084         | .017059         | .0004459        | .0001336        | .0003202        | .006953         |
| %RSD   | 299.5036        | 146.3010        | .8124457        | 21.87273        | 6.225944        | 1.074929        | .5685289        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000642</b> | <b>-.000057</b> | <b>2.083827</b> | <b>.0015708</b> | <b>.0021545</b> | <b>.0298077</b> | <b>1.225361</b> |
| #2 | <b>.0000146</b> | <b>.000026</b>  | <b>2.097574</b> | <b>.0020862</b> | <b>.0022752</b> | <b>.0294583</b> | <b>1.215250</b> |
| #3 | <b>-.000031</b> | <b>-.000141</b> | <b>2.117743</b> | <b>.0024587</b> | <b>.0020084</b> | <b>.0300978</b> | <b>1.228575</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1067682</b> | <b>.5311340</b> | <b>.0049091</b> | <b>.0001470</b> | <b>332.5288</b> | <b>-.003082</b> | <b>.2474931</b> |
| Stddev | .0010615        | .0097050        | .0001205        | .0003824        | 1.7458          | .003355         | .0009943        |
| %RSD   | .9941899        | 1.827215        | 2.453662        | 260.0773        | .5250001        | 108.8542        | .4017431        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1056068</b> | <b>.5210267</b> | <b>.0049305</b> | <b>-.000101</b> | <b>331.5496</b> | <b>-.003145</b> | <b>.2465729</b> |
| #2 | <b>.1070094</b> | <b>.5319962</b> | <b>.0050175</b> | <b>-.000046</b> | <b>331.4925</b> | <b>.000304</b>  | <b>.2473587</b> |
| #3 | <b>.1076882</b> | <b>.5403791</b> | <b>.0047794</b> | <b>.000587</b>  | <b>334.5444</b> | <b>-.006405</b> | <b>.2485478</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.195839</b> | <b>.0737027</b> | <b>-.000047</b> | <b>.0000172</b> | <b>.0074046</b> | <b>.6944541</b> | <b>.0030896</b> |
| Stddev | .031160         | .0010063        | .000084         | .0006169        | .0012813        | .0128953        | .0018256        |
| %RSD   | 1.419039        | 1.365384        | 177.5172        | 3588.221        | 17.30408        | 1.856890        | 59.08874        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2.170044</b> | <b>.0734359</b> | <b>-.000032</b> | <b>.0000295</b> | <b>.0078500</b> | <b>.6837942</b> | <b>.0009816</b> |
| #2 | <b>2.187012</b> | <b>.0728567</b> | <b>.000028</b>  | <b>.0006278</b> | <b>.0084037</b> | <b>.6907807</b> | <b>.0041408</b> |
| #3 | <b>2.230459</b> | <b>.0748156</b> | <b>-.000137</b> | <b>-.000606</b> | <b>.0059600</b> | <b>.7087875</b> | <b>.0041464</b> |

Sample Name: O3036-02      Acquired: 6/7/2023 21:25:44      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: PL-STONE-060      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .7967092 | -.003572 | .0135062 | z ***** |
| Stddev | .0099550 | .001464  | .0000795 | -----   |
| %RSD   | 1.249508 | 40.99709 | .5882226 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .7852841 | -.003265 | .0134783 | z 2844.280 |
| #2 | .8013255 | -.005165 | .0134445 | z 2833.666 |
| #3 | .8035180 | -.002285 | .0135959 | z 2829.842 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3806.558 | 54022.90 | 9430.000 | 3504.484 | 3234.427 |
| Stddev    | 34.166   | 245.67   | 57.811   | 8.072    | 32.593   |
| %RSD      | .8975687 | .4547569 | .6130539 | .2303258 | 1.007690 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3841.751 | 53804.29 | 9470.262 | 3499.002 | 3268.019 |
| #2 | 3804.403 | 54288.77 | 9455.981 | 3513.753 | 3232.329 |
| #3 | 3773.520 | 53975.62 | 9363.756 | 3500.698 | 3202.934 |

Sample Name: O3039-06      Acquired: 6/7/2023 21:29:54      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: WC31      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001099</b> | <b>-.001888</b> | <b>.0000804</b> | <b>.0004951</b> | <b>-.000108</b> | <b>.0424732</b> | <b>.3392346</b> |
| Stddev | .002749         | .001235         | .0005867        | .0043904        | .001784         | .0030393        | .0064221        |
| %RSD   | 250.0543        | 65.42022        | 730.1827        | 886.6886        | 1645.028        | 7.155771        | 1.893105        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000843  | -.001951 | .0006938 | .0032974 | .000739  | .0390980 | .3318762 |
| #2 | .000104  | -.003091 | .0000226 | -.004565 | .001094  | .0449934 | .3437098 |
| #3 | -.004245 | -.000623 | -.000475 | .002753  | -.002158 | .0433281 | .3421178 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000680</b> | <b>.0001026</b> | <b>7.113313</b> | <b>.0006762</b> | <b>.0004941</b> | <b>.0022584</b> | <b>.0064768</b> |
| Stddev | .0000765        | .0000193        | .058958         | .0001984        | .0002427        | .0008823        | .0035777        |
| %RSD   | 112.4152        | 18.83787        | .8288336        | 29.34601        | 49.11498        | 39.06635        | 55.23893        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000002 | .0001224 | 7.048895 | .0007793 | .0007612 | .0012644 | .0105754 |
| #2 | .000150  | .0001015 | 7.126451 | .0004474 | .0002870 | .0025621 | .0039794 |
| #3 | .000056  | .0000839 | 7.164594 | .0008019 | .0004342 | .0029488 | .0048754 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0682027</b> | <b>1.541987</b> | <b>.0023115</b> | <b>.0007894</b> | <b>339.2161</b> | <b>-.001259</b> | <b>.2439409</b> |
| Stddev | .0000889        | .005128         | .0001764        | .0007933        | 31.5307         | .000944         | .0258165        |
| %RSD   | .1302913        | .3325674        | 7.629103        | 100.4961        | 9.295153        | 74.96481        | 10.58311        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0681077 | 1.542017 | .0022516 | .0013852 | 375.2834 | -.000241 | .2734633 |
| #2 | .0682838 | 1.536844 | .0025101 | -.000111 | 316.8759 | -.002104 | .2256001 |
| #3 | .0682168 | 1.547100 | .0021730 | .001094  | 325.4891 | -.001432 | .2327592 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.428828</b> | <b>.0661138</b> | <b>.0000012</b> | <b>-.000004</b> | <b>.0027555</b> | <b>.5110152</b> | <b>.0042886</b> |
| Stddev | .105415         | .0012373        | .0001856        | .000339         | .0002587        | .0496081        | .0024878        |
| %RSD   | 7.377694        | 1.871475        | 15333.75        | 7857.659        | 9.388659        | 9.707760        | 58.01049        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.549989 | .0673188 | -.000018 | -.000319 | .0029798 | .5680504 | .0054550 |
| #2 | 1.358138 | .0648465 | -.000174 | .000355  | .0028142 | .4778927 | .0014318 |
| #3 | 1.378357 | .0661762 | .000195  | -.000049 | .0024725 | .4871024 | .0059789 |

Sample Name: O3039-06      Acquired: 6/7/2023 21:29:54      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: WC31      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.001411 | -.003465 | .0816695 | z ***** |
| Stddev | .003182  | .001329  | .0007707 | -----   |
| %RSD   | .3177337 | 38.36718 | .9437288 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.000008 | -.002463 | .0808311 | z 2856.595 |
| #2 | .999171  | -.002959 | .0818302 | z 2873.829 |
| #3 | 1.005053 | -.004973 | .0823472 | z 2861.770 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3792.153 | 52025.67 | 9634.504 | 3364.010 | 3224.068 |
| Stddev    | 5.949    | 4801.14  | 44.119   | 305.436  | 5.193    |
| %RSD      | .1568705 | 9.228410 | .4579260 | 9.079507 | .1610793 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3793.881 | 46520.27 | 9662.023 | 3015.068 | 3229.031 |
| #2 | 3797.047 | 55343.11 | 9657.872 | 3582.868 | 3224.501 |
| #3 | 3785.532 | 54213.61 | 9583.616 | 3494.095 | 3218.671 |



Sample Name: O3041-02      Acquired: 6/7/2023 21:34:03      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CONC-WC-1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001757</b> | <b>-.000644</b> | <b>.0023824</b> | <b>.0000633</b> | <b>-.000341</b> | <b>.3902495</b> |
| Stddev | .001564         | .000592         | .0007323        | .0022656        | .001701         | .0114937        |
| %RSD   | 88.98363        | 91.90466        | 30.73610        | 3580.801        | 498.2094        | 2.945209        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001694 | -.001034 | .0031918 | .0006746 | .001173  | .4013803 |
| #2 | -.003352 | -.000935 | .0021892 | -.002445 | -.000016 | .3784244 |
| #3 | -.000226 | .000037  | .0017660 | .001960  | -.002182 | .3909437 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1996160</b> | <b>.0002347</b> | <b>.0110521</b> | <b>113.1758</b> | <b>.0021183</b> | <b>.0010907</b> |
| Stddev | .0105349        | .0000689        | .0000540        | 3.7288          | .0003979        | .0000626        |
| %RSD   | 5.277558        | 29.34954        | .4889369        | 3.294714        | 18.78179        | 5.741480        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2074401 | .0003137 | .0110968 | 115.6463 | .0024328 | .0011449 |
| #2 | .1876373 | .0001873 | .0109920 | 108.8866 | .0022510 | .0011050 |
| #3 | .2037706 | .0002030 | .0110675 | 114.9946 | .0016711 | .0010222 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0068196</b> | <b>.1831360</b> | <b>.3145867</b> | <b>3.403265</b> | <b>.0058404</b> | <b>.0007240</b> |
| Stddev | .0009850        | .0041461        | .0112701        | .123511         | .0003770        | .0003747        |
| %RSD   | 14.44312        | 2.263934        | 3.582517        | 3.629201        | 6.454906        | 51.75190        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0066596 | .1803518 | .3230714 | 3.490889 | .0060723 | .0011198 |
| #2 | .0078748 | .1811552 | .3017990 | 3.262003 | .0054054 | .0003748 |
| #3 | .0059245 | .1879010 | .3188897 | 3.456904 | .0060434 | .0006773 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>387.8028</b> | <b>-.000573</b> | <b>.3426717</b> | <b>1.547845</b> | <b>.0969447</b> | <b>.0004937</b> |
| Stddev | 5.4915          | .001041         | .0027691        | .007280         | .0010985        | .0002192        |
| %RSD   | 1.416065        | 181.5852        | .8080867        | .4703579        | 1.133127        | 44.39836        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 381.4741 | -.000004 | .3397515 | 1.547421 | .0982106 | .0006211 |
| #2 | 391.3100 | .000059  | .3452596 | 1.555328 | .0962426 | .0002406 |
| #3 | 390.6244 | -.001775 | .3430040 | 1.540785 | .0963809 | .0006195 |

Sample Name: O3041-02      Acquired: 6/7/2023 21:34:03      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CONC-WC-1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                   |                 |                 |                 |
|--------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774          | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.002248</b> | <b>.0146140</b> | <b>F 10.31776</b> | <b>.0231677</b> | <b>3.776323</b> | <b>.0096450</b> |
| Stddev | .000351         | .0010522        | .07092            | .0006723        | .007616         | .0023156        |
| %RSD   | 15.60447        | 7.200182        | .6873164          | 2.901996        | .2016872        | 24.00833        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002649</b> | <b>.0143414</b> | <b>10.23640</b> | <b>.0227253</b> | <b>3.771860</b> | <b>.0083927</b> |
| #2 | <b>-.002099</b> | <b>.0137249</b> | <b>10.35036</b> | <b>.0228364</b> | <b>3.785118</b> | <b>.0082252</b> |
| #3 | <b>-.001997</b> | <b>.0157757</b> | <b>10.36650</b> | <b>.0239414</b> | <b>3.771992</b> | <b>.0123171</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>.4251411</b> | <b>z *****</b> |
| Stddev | .0148061        | -----          |
| %RSD   | 3.482627        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>.4350537</b> | <b>z 3145.023</b> |
| #2 | <b>.4081214</b> | <b>z 3139.061</b> |
| #3 | <b>.4322481</b> | <b>z 3145.634</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>3830.489</b> | <b>54292.79</b> | <b>9842.040</b> | <b>3485.139</b> | <b>3199.329</b> |
| Stddev    | 7.864           | 278.04          | 348.776         | 25.205          | 8.245           |
| %RSD      | .2053007        | .5121100        | 3.543740        | .7232132        | .2577006        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3824.957</b> | <b>54588.44</b> | <b>9612.363</b> | <b>3514.238</b> | <b>3193.991</b> |
| #2 | <b>3827.020</b> | <b>54253.37</b> | <b>10243.38</b> | <b>3471.081</b> | <b>3195.171</b> |
| #3 | <b>3839.491</b> | <b>54036.57</b> | <b>9670.38</b>  | <b>3470.099</b> | <b>3208.824</b> |

Sample Name: O3044-04      Acquired: 6/7/2023 21:38:10      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB-02-COMP      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000966</b> | <b>-.001143</b> | <b>.0814019</b> | <b>.0014892</b> | <b>-.002501</b> | <b>.0465987</b> | <b>.2566215</b> |
| Stddev | .001288         | .001429         | .0014304        | .0047554        | .000361         | .0048352        | .0009804        |
| %RSD   | 133.3657        | 125.0864        | 1.757204        | 319.3282        | 14.41682        | 10.37633        | .3820532        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002356</b> | <b>.000508</b>  | <b>.0804011</b> | <b>.0054853</b> | <b>-.002478</b> | <b>.0495843</b> | <b>.2572962</b> |
| #2 | <b>-.000730</b> | <b>-.001957</b> | <b>.0830402</b> | <b>.0027525</b> | <b>-.002873</b> | <b>.0410200</b> | <b>.2554969</b> |
| #3 | <b>.000188</b>  | <b>-.001979</b> | <b>.0807643</b> | <b>-.003770</b> | <b>-.002153</b> | <b>.0491917</b> | <b>.2570714</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000057</b> | <b>.0005389</b> | <b>37.07955</b> | <b>.0045225</b> | <b>.0002959</b> | <b>.0050752</b> | <b>.0739474</b> |
| Stddev | .000050         | .0001075        | .07857          | .0002490        | .0001101        | .0006129        | .0053576        |
| %RSD   | 87.83186        | 19.94259        | .2118953        | 5.506016        | 37.22760        | 12.07579        | 7.245186        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000031</b> | <b>.0006239</b> | <b>37.12895</b> | <b>.0042904</b> | <b>.0003256</b> | <b>.0057558</b> | <b>.0717535</b> |
| #2 | <b>-.000025</b> | <b>.0004181</b> | <b>37.12076</b> | <b>.0047856</b> | <b>.0001739</b> | <b>.0049030</b> | <b>.0700349</b> |
| #3 | <b>-.000114</b> | <b>.0005746</b> | <b>36.98895</b> | <b>.0044916</b> | <b>.0003881</b> | <b>.0045669</b> | <b>.0800537</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1327876</b> | <b>2.352844</b> | <b>.0108550</b> | <b>.0003853</b> | <b>362.7405</b> | <b>-.004072</b> | <b>.1946493</b> |
| Stddev | .0004243        | .002678         | .0004307        | .0003422        | .7196           | .000128         | .0003963        |
| %RSD   | .3195473        | .1138138        | 3.967609        | 88.81925        | .1983791        | 3.150822        | .2035794        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1326068</b> | <b>2.350198</b> | <b>.0111042</b> | <b>.0000178</b> | <b>362.1427</b> | <b>-.004128</b> | <b>.1943164</b> |
| #2 | <b>.1324836</b> | <b>2.355552</b> | <b>.0111031</b> | <b>.0006948</b> | <b>363.5392</b> | <b>-.004164</b> | <b>.1945439</b> |
| #3 | <b>.1332723</b> | <b>2.352784</b> | <b>.0103577</b> | <b>.0004432</b> | <b>362.5396</b> | <b>-.003926</b> | <b>.1950876</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.140579</b> | <b>.0621892</b> | <b>-.000077</b> | <b>-.001045</b> | <b>.0063919</b> | <b>1.636264</b> | <b>.0666313</b> |
| Stddev | .036309         | .0009976        | .000213         | .000315         | .0015885        | .011072         | .0052542        |
| %RSD   | 1.696219        | 1.604102        | 277.4737        | 30.18793        | 24.85121        | .6766732        | 7.885470        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2.107926</b> | <b>.0630957</b> | <b>-.000308</b> | <b>-.001378</b> | <b>.0046256</b> | <b>1.623488</b> | <b>.0690414</b> |
| #2 | <b>2.179680</b> | <b>.0623514</b> | <b>-.000033</b> | <b>-.001005</b> | <b>.0077033</b> | <b>1.643046</b> | <b>.0702481</b> |
| #3 | <b>2.134130</b> | <b>.0611204</b> | <b>.000111</b>  | <b>-.000751</b> | <b>.0068467</b> | <b>1.642260</b> | <b>.0606045</b> |

Sample Name: O3044-04      Acquired: 6/7/2023 21:38:10      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB-02-COMP      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.053372 | -.000356 | .2662659 | Z ***** |
| Stddev | .005913  | .003272  | .0004485 | -----   |
| %RSD   | .5613643 | 918.0344 | .1684432 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.055839 | .000597  | .2657525 | Z 3051.753 |
| #2 | 1.057652 | .002333  | .2665811 | Z 3050.130 |
| #3 | 1.046624 | -.003999 | .2664642 | Z 3043.851 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3877.298 | 53923.18 | 9835.434 | 3504.326 | 3259.409 |
| Stddev    | 36.738   | 27.28    | 38.768   | 8.814    | 28.271   |
| %RSD      | .9475231 | .0505988 | .3941704 | .2515099 | .8673806 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3883.162 | 53946.62 | 9796.116 | 3505.180 | 3258.872 |
| #2 | 3837.981 | 53893.23 | 9836.560 | 3495.117 | 3231.410 |
| #3 | 3910.752 | 53929.70 | 9873.628 | 3512.682 | 3287.946 |

Sample Name: O3044-07      Acquired: 6/7/2023 21:42:18      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB-03-COMP      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000981</b> | <b>-.003316</b> | <b>.0696256</b> | <b>-.001993</b> | <b>.0008134</b> | <b>.0258566</b> | <b>.2495012</b> |
| Stddev | .002166         | .001563         | .0009324        | .003294         | .0016802        | .0063958        | .0028128        |
| %RSD   | 220.7387        | 47.13333        | 1.339220        | 165.3214        | 206.5591        | 24.73575        | 1.127381        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001318  | -.001838 | .0700242 | -.005575 | .0025534 | .0193272 | .2466287 |
| #2 | -.001280 | -.004952 | .0702925 | -.001311 | -.000800 | .0321099 | .2522503 |
| #3 | -.002982 | -.003159 | .0685601 | .000907  | .000687  | .0261328 | .2496244 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000043</b> | <b>.0008130</b> | <b>138.2475</b> | <b>.0009131</b> | <b>.0008597</b> | <b>.0033575</b> | <b>.0073067</b> |
| Stddev | .000023         | .0000840        | .8781           | .0005749        | .0000964        | .0005467        | .0042480        |
| %RSD   | 52.91969        | 10.32825        | .6351841        | 62.96552        | 11.21652        | 16.28144        | 58.13819        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000060 | .0007561 | 137.2658 | .0013815 | .0007676 | .0031234 | .0110204 |
| #2 | -.000017 | .0009094 | 138.5186 | .0010863 | .0008515 | .0029669 | .0082249 |
| #3 | -.000053 | .0007735 | 138.9581 | .0002715 | .0009599 | .0039823 | .0026747 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3620869</b> | <b>2.983555</b> | <b>.0171110</b> | <b>.0008707</b> | <b>355.1807</b> | <b>-.000260</b> | <b>.1835133</b> |
| Stddev | .0022984        | .023000         | .0003901        | .0002514        | 2.0372          | .000638         | .0005190        |
| %RSD   | .6347765        | .7708918        | 2.279939        | 28.87226        | .5735580        | 245.1700        | .2828429        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3598177 | 2.978072 | .0173764 | .0008773 | 352.8520 | -.000023 | .1838372 |
| #2 | .3644135 | 3.008801 | .0166631 | .0006160 | 356.0577 | .000225  | .1837881 |
| #3 | .3620296 | 2.963791 | .0172936 | .0011186 | 356.6326 | -.000984 | .1829146 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.858232</b> | <b>.0543841</b> | <b>.0005977</b> | <b>-.002980</b> | <b>.0024083</b> | <b>.9544196</b> | <b>.0727811</b> |
| Stddev | .030564         | .0008033        | .0002062        | .000238         | .0018905        | .0069145        | .0007987        |
| %RSD   | 1.644772        | 1.477144        | 34.49587        | 7.988611        | 78.49910        | .7244750        | 1.097464        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.830761 | .0547568 | .0003621 | -.002705 | .0022811 | .9514233 | .0719266 |
| #2 | 1.852780 | .0549334 | .0007451 | -.003112 | .0043592 | .9495085 | .0729075 |
| #3 | 1.891154 | .0534621 | .0006858 | -.003123 | .0005846 | .9623269 | .0735090 |

Sample Name: O3044-07      Acquired: 6/7/2023 21:42:18      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB-03-COMP      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.715170 | .0135633 | .4436383 | Z ***** |
| Stddev | .005306  | .0044392 | .0010193 | -----   |
| %RSD   | .3093582 | 32.72961 | .2297555 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.710285 | .0094509 | .4424620 | Z 3233.712 |
| #2 | 1.714410 | .0182695 | .4442609 | Z 3224.811 |
| #3 | 1.720815 | .0129694 | .4441920 | Z 3226.987 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3853.071 | 54266.37 | 9673.903 | 3492.305 | 3238.769 |
| Stddev    | 7.257    | 68.66    | 44.103   | 3.005    | 7.848    |
| %RSD      | .1883359 | .1265216 | .4558916 | .0860362 | .2423156 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3852.843 | 54299.96 | 9631.408 | 3490.013 | 3239.708 |
| #2 | 3860.439 | 54187.38 | 9670.847 | 3491.196 | 3246.106 |
| #3 | 3845.930 | 54311.76 | 9719.454 | 3495.707 | 3230.494 |

Sample Name: O3044-10      Acquired: 6/7/2023 21:46:25      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB-04-COMP      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001906</b> | <b>-.001762</b> | <b>.0852604</b> | <b>-.001731</b> | <b>.0011376</b> | <b>.0266065</b> | <b>.2988570</b> |
| Stddev | .000258         | .003294         | .0010392        | .000676         | .0009478        | .0111150        | .0018281        |
| %RSD   | 13.53842        | 186.9950        | 1.218880        | 39.03659        | 83.31665        | 41.77550        | .6117092        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001632</b> | <b>-.000202</b> | <b>.0841042</b> | <b>-.002056</b> | <b>.0021843</b> | <b>.0187240</b> | <b>.3001842</b> |
| #2 | <b>-.002145</b> | <b>.000463</b>  | <b>.0855603</b> | <b>-.000954</b> | <b>.0003373</b> | <b>.0217760</b> | <b>.2996151</b> |
| #3 | <b>-.001941</b> | <b>-.005546</b> | <b>.0861167</b> | <b>-.002183</b> | <b>.0008913</b> | <b>.0393195</b> | <b>.2967718</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000419</b> | <b>.0012647</b> | <b>83.89810</b> | <b>.0001216</b> | <b>.0062509</b> | <b>.0094158</b> | <b>.0709649</b> |
| Stddev | .0000696        | .0001592        | .17126          | .0002652        | .0000923        | .0001999        | .0023742        |
| %RSD   | 166.2156        | 12.58819        | .2041246        | 218.1545        | 1.476735        | 2.123191        | 3.345648        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000010</b> | <b>.0012816</b> | <b>84.04709</b> | <b>.0004032</b> | <b>.0061911</b> | <b>.0093179</b> | <b>.0694723</b> |
| #2 | <b>.000121</b>  | <b>.0010977</b> | <b>83.93621</b> | <b>-.000124</b> | <b>.0063572</b> | <b>.0092838</b> | <b>.0737027</b> |
| #3 | <b>.000015</b>  | <b>.0014147</b> | <b>83.71100</b> | <b>.000085</b>  | <b>.0062043</b> | <b>.0096458</b> | <b>.0697197</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.180312</b> | <b>3.025828</b> | <b>.0435582</b> | <b>.0006998</b> | <b>331.8728</b> | <b>-.000995</b> | <b>.2861664</b> |
| Stddev | .007158         | .016563         | .0001079        | .0000818        | 4.1934          | .001805         | .0010841        |
| %RSD   | .3282913        | .5473958        | .2477313        | 11.68890        | 1.263555        | 181.3775        | .3788415        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2.188526</b> | <b>3.044952</b> | <b>.0436828</b> | <b>.0007282</b> | <b>329.1937</b> | <b>.000497</b>  | <b>.2849337</b> |
| #2 | <b>2.175414</b> | <b>3.016081</b> | <b>.0434947</b> | <b>.0006076</b> | <b>329.7193</b> | <b>-.003001</b> | <b>.2869715</b> |
| #3 | <b>2.176995</b> | <b>3.016450</b> | <b>.0434971</b> | <b>.0007637</b> | <b>336.7054</b> | <b>-.000481</b> | <b>.2865941</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.324225</b> | <b>.0663616</b> | <b>.0002581</b> | <b>-.002453</b> | <b>.0025261</b> | <b>.8837459</b> | <b>.0105803</b> |
| Stddev | .034487         | .0016461        | .0001890        | .000487         | .0011810        | .0140725        | .0032939        |
| %RSD   | 1.483821        | 2.480479        | 73.22487        | 19.87222        | 46.75272        | 1.592373        | 31.13247        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2.342645</b> | <b>.0675081</b> | <b>.0000404</b> | <b>-.002897</b> | <b>.0022686</b> | <b>.8675266</b> | <b>.0136606</b> |
| #2 | <b>2.284439</b> | <b>.0671013</b> | <b>.0003801</b> | <b>-.001931</b> | <b>.0014950</b> | <b>.8927143</b> | <b>.0109725</b> |
| #3 | <b>2.345591</b> | <b>.0644754</b> | <b>.0003537</b> | <b>-.002530</b> | <b>.0038146</b> | <b>.8909967</b> | <b>.0071079</b> |

Sample Name: O3044-10      Acquired: 6/7/2023 21:46:25      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB-04-COMP      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.802729 | .0060152 | .4349588 | z ***** |
| Stddev | .005487  | .0020863 | .0015613 | -----   |
| %RSD   | .3043458 | 34.68350 | .3589497 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.805039 | .0076164 | .4366500 | z 3186.442 |
| #2 | 1.806682 | .0067734 | .4335725 | z 3187.887 |
| #3 | 1.796465 | .0036558 | .4346538 | z 3187.537 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3844.737 | 53944.07 | 9806.055 | 3498.363 | 3220.609 |
| Stddev    | 2.777    | 142.93   | 85.059   | 8.565    | 2.816    |
| %RSD      | .0722184 | .2649576 | .8674098 | .2448402 | .0874307 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3843.897 | 54028.43 | 9712.819 | 3507.671 | 3219.811 |
| #2 | 3842.478 | 54024.72 | 9825.927 | 3496.605 | 3218.278 |
| #3 | 3847.837 | 53779.04 | 9879.418 | 3490.813 | 3223.737 |



Sample Name: O3044-13      Acquired: 6/7/2023 21:50:31      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB-07-COMP      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001896</b> | <b>-.000711</b> | <b>.1228785</b> | <b>.0001428</b> | <b>-.000507</b> | <b>.0154742</b> | <b>.2590561</b> |
| Stddev | .001623         | .000769         | .0014630        | .0041936        | .001088         | .0123475        | .0061156        |
| %RSD   | 85.62320        | 108.0951        | 1.190608        | 2936.654        | 214.3666        | 79.79402        | 2.360711        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001983</b> | <b>-.000604</b> | <b>.1239961</b> | <b>-.003383</b> | <b>-.001192</b> | <b>.0033212</b> | <b>.2534150</b> |
| #2 | <b>-.000231</b> | <b>-.001528</b> | <b>.1234168</b> | <b>.004780</b>  | <b>.000747</b>  | <b>.0280074</b> | <b>.2581979</b> |
| #3 | <b>-.003474</b> | <b>-.000002</b> | <b>.1212226</b> | <b>-.000969</b> | <b>-.001077</b> | <b>.0150939</b> | <b>.2655555</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000083</b> | <b>.0009213</b> | <b>106.0384</b> | <b>.0023733</b> | <b>.0010531</b> | <b>.0054690</b> | <b>.0199422</b> |
| Stddev | .000056         | .0000664        | 1.6618          | .0001738        | .0001022        | .0004184        | .0025236        |
| %RSD   | 67.63773        | 7.202118        | 1.567201        | 7.321971        | 9.700760        | 7.650084        | 12.65453        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000022</b> | <b>.0009442</b> | <b>104.6591</b> | <b>.0022265</b> | <b>.0011266</b> | <b>.0049952</b> | <b>.0174270</b> |
| #2 | <b>-.000095</b> | <b>.0009732</b> | <b>105.5726</b> | <b>.0023282</b> | <b>.0010963</b> | <b>.0056242</b> | <b>.0224742</b> |
| #3 | <b>-.000133</b> | <b>.0008465</b> | <b>107.8834</b> | <b>.0025651</b> | <b>.0009365</b> | <b>.0057876</b> | <b>.0199255</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3953555</b> | <b>3.412712</b> | <b>.0160532</b> | <b>.0006386</b> | <b>340.1985</b> | <b>-.001164</b> | <b>.2147163</b> |
| Stddev | .0047901        | .066584         | .0002747        | .0002859        | .2004           | .000825         | .0002289        |
| %RSD   | 1.211600        | 1.951062        | 1.711481        | 44.76738        | .0589084        | 70.85758        | .1066123        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.3912657</b> | <b>3.351445</b> | <b>.0158424</b> | <b>.0003155</b> | <b>340.0054</b> | <b>-.000216</b> | <b>.2148200</b> |
| #2 | <b>.3941754</b> | <b>3.403118</b> | <b>.0163639</b> | <b>.0007415</b> | <b>340.4055</b> | <b>-.001565</b> | <b>.2148750</b> |
| #3 | <b>.4006253</b> | <b>3.483573</b> | <b>.0159532</b> | <b>.0008588</b> | <b>340.1846</b> | <b>-.001713</b> | <b>.2144539</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.630804</b> | <b>.0535140</b> | <b>.0001218</b> | <b>-.002268</b> | <b>.0030383</b> | <b>.8694045</b> | <b>.0444418</b> |
| Stddev | .010795         | .0014235        | .0001637        | .000338         | .0011821        | .0140900        | .0058312        |
| %RSD   | .6619579        | 2.660048        | 134.3469        | 14.92263        | 38.90588        | 1.620645        | 13.12094        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.643210</b> | <b>.0519458</b> | <b>-.000066</b> | <b>-.001894</b> | <b>.0041788</b> | <b>.8854045</b> | <b>.0503311</b> |
| #2 | <b>1.625654</b> | <b>.0538719</b> | <b>.000234</b>  | <b>-.002354</b> | <b>.0018187</b> | <b>.8639594</b> | <b>.0386705</b> |
| #3 | <b>1.623549</b> | <b>.0547245</b> | <b>.000198</b>  | <b>-.002554</b> | <b>.0031174</b> | <b>.8588497</b> | <b>.0443239</b> |

Sample Name: O3044-13      Acquired: 6/7/2023 21:50:31      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB-07-COMP      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.609425 | .0110038 | .3958408 | z ***** |
| Stddev | .013332  | .0031712 | .0054100 | -----   |
| %RSD   | .8283525 | 28.81919 | 1.366722 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.619131 | .0073484 | .3912374 | z 3224.196 |
| #2 | 1.614918 | .0126436 | .3944853 | z 3212.826 |
| #3 | 1.594224 | .0130193 | .4017997 | z 3229.171 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3844.029 | 53540.58 | 9793.395 | 3468.564 | 3235.077 |
| Stddev    | 4.680    | 128.40   | 115.218  | 9.891    | 8.187    |
| %RSD      | .1217394 | .2398159 | 1.176490 | .2851512 | .2530666 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3841.881 | 53392.51 | 9855.975 | 3466.510 | 3227.092 |
| #2 | 3840.808 | 53621.24 | 9863.782 | 3459.862 | 3234.688 |
| #3 | 3849.397 | 53607.98 | 9660.429 | 3479.320 | 3243.452 |

Sample Name: O3044-16      Acquired: 6/7/2023 21:54:39      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: SB-08-COMP      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002709</b> | <b>-.000593</b> | <b>.0223001</b> | <b>.0009393</b> | <b>.0001919</b> | <b>.0307295</b> | <b>.2816909</b> |
| Stddev | .001350         | .002486         | .0001545        | .0017201        | .0017768        | .0026722        | .0021853        |
| %RSD   | 49.83145        | 419.1265        | .6927243        | 183.1221        | 926.1361        | 8.695984        | .7757825        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002126</b> | <b>.000884</b>  | <b>.0224745</b> | <b>-.001037</b> | <b>.0018844</b> | <b>.0309110</b> | <b>.2808931</b> |
| #2 | <b>-.001748</b> | <b>-.003464</b> | <b>.0222450</b> | <b>.001752</b>  | <b>-.001659</b> | <b>.0279712</b> | <b>.2800165</b> |
| #3 | <b>-.004252</b> | <b>.000800</b>  | <b>.0221807</b> | <b>.002102</b>  | <b>.000350</b>  | <b>.0333064</b> | <b>.2841630</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000500</b> | <b>.0005609</b> | <b>33.68547</b> | <b>.0008549</b> | <b>.0037645</b> | <b>.0055634</b> | <b>.0113655</b> |
| Stddev | .0000053        | .0000368        | .09808          | .0005551        | .0002834        | .0010005        | .0010734        |
| %RSD   | 10.56455        | 6.566916        | .2911504        | 64.93219        | 7.527406        | 17.98285        | 9.444120        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000561</b> | <b>.0005845</b> | <b>33.58082</b> | <b>.0011688</b> | <b>.0040662</b> | <b>.0044160</b> | <b>.0114190</b> |
| #2 | <b>.0000471</b> | <b>.0005184</b> | <b>33.70031</b> | <b>.0002140</b> | <b>.0035040</b> | <b>.0060203</b> | <b>.0124111</b> |
| #3 | <b>.0000468</b> | <b>.0005797</b> | <b>33.77528</b> | <b>.0011820</b> | <b>.0037232</b> | <b>.0062538</b> | <b>.0102664</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9166307</b> | <b>5.373263</b> | <b>.0193230</b> | <b>.0004000</b> | <b>318.1331</b> | <b>-.002400</b> | <b>.2388638</b> |
| Stddev | .0018280        | .021767         | .0002318        | .0006132        | 1.1265          | .001321         | .0011461        |
| %RSD   | .1994279        | .4050980        | 1.199586        | 153.2770        | .3540976        | 55.05099        | .4798238        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.9148268</b> | <b>5.352134</b> | <b>.0192005</b> | <b>.0010358</b> | <b>318.1261</b> | <b>-.003181</b> | <b>.2401079</b> |
| #2 | <b>.9184819</b> | <b>5.372039</b> | <b>.0195904</b> | <b>.0003522</b> | <b>319.2631</b> | <b>-.000874</b> | <b>.2386326</b> |
| #3 | <b>.9165834</b> | <b>5.395616</b> | <b>.0191783</b> | <b>-.000188</b> | <b>317.0101</b> | <b>-.003143</b> | <b>.2378509</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.310413</b> | <b>.0792918</b> | <b>-.000026</b> | <b>-.001345</b> | <b>.0046295</b> | <b>.8571622</b> | <b>.0100628</b> |
| Stddev | .015243         | .0008028        | .000246         | .000367         | .0008017        | .0165955        | .0028114        |
| %RSD   | .6597598        | 1.012485        | 963.9238        | 27.25989        | 17.31714        | 1.936092        | 27.93815        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2.326455</b> | <b>.0791909</b> | <b>-.000290</b> | <b>-.001719</b> | <b>.0047270</b> | <b>.8460093</b> | <b>.0110401</b> |
| #2 | <b>2.296119</b> | <b>.0801403</b> | <b>.000017</b>  | <b>-.000987</b> | <b>.0037835</b> | <b>.8762338</b> | <b>.0122551</b> |
| #3 | <b>2.308665</b> | <b>.0785442</b> | <b>.000197</b>  | <b>-.001328</b> | <b>.0053780</b> | <b>.8492436</b> | <b>.0068932</b> |

Sample Name: O3044-16      Acquired: 6/7/2023 21:54:39      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: SB-08-COMP      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.086224 | -.000423 | .1692802 | Z ***** |
| Stddev | .004324  | .000587  | .0002766 | -----   |
| %RSD   | .3980888 | 139.0286 | .1633901 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.084677 | -.000864 | .1689795 | Z 3025.453 |
| #2 | 1.091108 | .000244  | .1695238 | Z 3025.365 |
| #3 | 1.082885 | -.000648 | .1693372 | Z 3009.986 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3869.062 | 54321.07 | 9548.538 | 3510.553 | 3266.963 |
| Stddev    | 18.416   | 154.37   | 9.902    | 13.337   | 7.784    |
| %RSD      | .4759892 | .2841859 | .1036974 | .3799237 | .2382778 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3868.773 | 54179.31 | 9538.820 | 3498.232 | 3265.822 |
| #2 | 3850.792 | 54298.37 | 9548.182 | 3508.713 | 3259.812 |
| #3 | 3887.622 | 54485.54 | 9558.613 | 3524.715 | 3275.255 |

Sample Name: CCV10      Acquired: 6/7/2023 21:58:46      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV20538      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.090409 | 5.049105 | 4.990343 | 5.083612 | 5.140730 | 9.518864 |
| Stddev | .026486  | .024911  | .025811  | .019501  | .025665  | .067111  |
| %RSD   | .5203066 | .4933821 | .5172156 | .3836071 | .4992565 | .7050304 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.073211 | 5.033072 | 4.973029 | 5.066076 | 5.119930 | 9.527613 |
| #2 | 5.077106 | 5.036438 | 4.977991 | 5.080147 | 5.132848 | 9.581170 |
| #3 | 5.120909 | 5.077804 | 5.020009 | 5.104613 | 5.169412 | 9.447807 |

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348     | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.598742 | F .2239767 | 2.481930 | 23.21923 | .9624866 | 2.468857 |
| Stddev | .091986  | .0008232   | .013616  | .17722   | .0103557 | .015271  |
| %RSD   | .9583144 | .3675146   | .5486227 | .7632343 | 1.075934 | .6185529 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.643126 | .2243082 | 2.474075 | 23.29898 | .9553823 | 2.460330 |
| #2 | 9.660119 | .2245824 | 2.474063 | 23.34257 | .9577089 | 2.459755 |
| #3 | 9.492979 | .2230395 | 2.497653 | 23.01615 | .9743687 | 2.486488 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.319234 | 5.272343 | 2.542906 | 23.06754 | 2.485698 | 1.181695 |
| Stddev | .006559  | .023858  | .022444  | .19153   | .015174  | .007406  |
| %RSD   | .4971872 | .4525060 | .8826121 | .8303012 | .6104461 | .6266857 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.314057 | 5.252273 | 2.550738 | 23.15273 | 2.475755 | 1.177113 |
| #2 | 1.317035 | 5.266035 | 2.560385 | 23.20169 | 2.478176 | 1.177732 |
| #3 | 1.326610 | 5.298720 | 2.517596 | 22.84819 | 2.503164 | 1.190238 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 23.75481 | 2.382755 | 2.479172 | 26.81267 | F 4.481174 | 5.035951 |
| Stddev | .07586   | .025374  | .020885  | .09648   | .017453    | .027365  |
| %RSD   | .3193415 | 1.064921 | .8424035 | .3598450 | .3894808   | .5433895 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 23.70111 | 2.377451 | 2.464157 | 26.72238 | 4.484531 | 5.013600 |
| #2 | 23.72172 | 2.410362 | 2.470337 | 26.80129 | 4.496705 | 5.027784 |
| #3 | 23.84159 | 2.360451 | 2.503022 | 26.91434 | 4.462286 | 5.066470 |

Sample Name: CCV10      Acquired: 6/7/2023 21:58:46      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV20538      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.968927 | 4.616257 | 4.902807 | 5.278803 | 5.136391 | 4.592063 |
| Stddev | .025961  | .043096  | .049218  | .029097  | .021834  | .034559  |
| %RSD   | .5224593 | .9335703 | 1.003881 | .5512052 | .4250927 | .7525746 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.952413 | 4.631430 | 4.851348 | 5.268622 | 5.115301 | 4.609577 |
| #2 | 4.955520 | 4.649714 | 4.907647 | 5.256164 | 5.134971 | 4.614359 |
| #3 | 4.998851 | 4.567626 | 4.949427 | 5.311622 | 5.158900 | 4.552254 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | 5.195913 | z ***** |
| Stddev | .022576  | -----   |
| %RSD   | .4344981 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | 5.193326 | z 3013.457 |
| #2 | 5.219671 | z 3010.171 |
| #3 | 5.174741 | z 3010.817 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4041.262 | 58952.31 | 10143.44 | 3761.058 | 3433.717 |
| Stddev    | 12.547   | 307.00   | 75.48    | 22.976   | 13.239   |
| %RSD      | .3104626 | .5207656 | .7441296 | .6108918 | .3855519 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4048.877 | 59021.96 | 10088.77 | 3775.170 | 3437.138 |
| #2 | 4048.128 | 59218.50 | 10111.98 | 3773.459 | 3444.909 |
| #3 | 4026.781 | 58616.46 | 10229.56 | 3734.546 | 3419.103 |

Sample Name: CCB10      Acquired: 6/7/2023 22:02:33      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB20538      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009807 | .0007337 | -.000074 | -.000809 | -.001583 | -.000927 | -.005275 |
| Stddev | .0003313 | .0018975 | .001407  | .003385  | .001164  | .005195  | .002808  |
| %RSD   | 33.77599 | 258.6298 | 1902.833 | 418.3559 | 73.49648 | 560.1595 | 53.23478 |
| #1     | .0007457 | .0024003 | -.001698 | .003095  | -.002098 | -.003333 | -.002224 |
| #2     | .0013596 | -.001331 | .000690  | -.002933 | -.000251 | .005034  | -.005852 |
| #3     | .0008369 | .001132  | .000787  | -.002589 | -.002401 | -.004483 | -.007751 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000027 | -.000009 | -.003647 | -.000218 | .0000116 | .0004186 | -.006008 |
| Stddev | .000054  | .000037  | .014171  | .000291  | .0001128 | .0001856 | .002789  |
| %RSD   | 201.5241 | 418.7912 | 388.6077 | 133.4229 | 972.8433 | 44.33817 | 46.42886 |
| #1     | -.000001 | -.000031 | -.017619 | -.000019 | -.000005 | .0005920 | -.003539 |
| #2     | -.000089 | .000034  | .010715  | -.000083 | .000132  | .0002228 | -.005450 |
| #3     | .000010  | -.000030 | -.004036 | -.000552 | -.000092 | .0004411 | -.009034 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000441 | -.004089 | .0000872 | .0005791 | -.583781 | -.000763 | .0001055 |
| Stddev | .000146  | .019542  | .0000925 | .0000745 | .017291  | .002180  | .0001288 |
| %RSD   | 33.13927 | 477.9650 | 106.0350 | 12.86206 | 2.961859 | 285.5706 | 122.1396 |
| #1     | -.000353 | -.023460 | .0000555 | .0004954 | -.602268 | -.002954 | -.000032 |
| #2     | -.000359 | .015620  | .0001914 | .0006037 | -.581068 | .001406  | .000126  |
| #3     | -.000609 | -.004426 | .0000148 | .0006382 | -.568008 | -.000743 | .000223  |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0052435 | .0049504 | .0017512 | -.000109 | .0074411 | .0154629 | -.002413 |
| Stddev | .0307283 | .0002914 | .0007312 | .000221  | .0007854 | .0087309 | .000421  |
| %RSD   | 586.0228 | 5.885850 | 41.75691 | 202.6752 | 10.55498 | 56.46380 | 17.45030 |
| #1     | .0389985 | .0046651 | .0023452 | .000135  | .0082746 | .0056925 | -.002447 |
| #2     | -.021104 | .0049387 | .0019737 | -.000167 | .0067148 | .0225006 | -.001975 |
| #3     | -.002164 | .0052475 | .0009345 | -.000295 | .0073339 | .0181957 | -.002815 |

Sample Name: CCB10      Acquired: 6/7/2023 22:02:33      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCB20538      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.005081</b> | <b>-.004598</b> | <b>-.000011</b> | <b>z *****</b> |
| Stddev | .003079         | .001868         | .000090         | -----          |
| %RSD   | 60.60152        | 40.62508        | 832.2999        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.008024</b> | <b>-.002697</b> | <b>.000074</b>  | <b>z 2915.867</b> |
| #2 | <b>-.001882</b> | <b>-.006430</b> | <b>-.000104</b> | <b>z 2912.590</b> |
| #3 | <b>-.005338</b> | <b>-.004666</b> | <b>-.000003</b> | <b>z 2922.824</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>4223.437</b> | <b>59265.93</b> | <b>9805.084</b> | <b>3821.803</b> | <b>3859.265</b> |
| Stddev    | 9.602           | 239.79          | 68.121          | 5.221           | 6.348           |
| %RSD      | .2273455        | .4046014        | .6947535        | .1366146        | .1644987        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4212.352 | 59542.66 | 9738.058 | 3818.270 | 3852.153 |
| #2 | 4228.780 | 59119.34 | 9802.943 | 3827.800 | 3864.358 |
| #3 | 4229.178 | 59135.80 | 9874.250 | 3819.339 | 3861.286 |



Sample Name: O3047-03      Acquired: 6/7/2023 22:06:37      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: WC32      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001850</b> | <b>-.000365</b> | <b>-.000320</b> | <b>.0007548</b> | <b>-.000306</b> | <b>.0234808</b> | <b>.2439723</b> |
| Stddev | .000319         | .001289         | .000733         | .0058356        | .001286         | .0042419        | .0047811        |
| %RSD   | 17.25491        | 353.3797        | 228.9991        | 773.1457        | 419.9160        | 18.06522        | 1.959691        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002170</b> | <b>-.001793</b> | <b>-.000938</b> | <b>-.005960</b> | <b>-.001491</b> | <b>.0255513</b> | <b>.2494179</b> |
| #2 | <b>-.001851</b> | <b>-.000015</b> | <b>.000490</b>  | <b>.003630</b>  | <b>-.000489</b> | <b>.0186013</b> | <b>.2404635</b> |
| #3 | <b>-.001531</b> | <b>.000713</b>  | <b>-.000512</b> | <b>.004595</b>  | <b>.001062</b>  | <b>.0262897</b> | <b>.2420354</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000070</b> | <b>.0000389</b> | <b>13.03628</b> | <b>.0004850</b> | <b>-.000153</b> | <b>.0018687</b> | <b>.0080487</b> |
| Stddev | .0000791        | .0000492        | .12158          | .0005161        | .000209         | .0004439        | .0027205        |
| %RSD   | 1137.935        | 126.5211        | .9326296        | 106.3981        | 137.0244        | 23.75597        | 33.80085        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000780</b> | <b>-.000005</b> | <b>13.17569</b> | <b>.0003715</b> | <b>-.000122</b> | <b>.0014733</b> | <b>.0051904</b> |
| #2 | <b>.0000211</b> | <b>.000030</b>  | <b>12.95219</b> | <b>.0010484</b> | <b>-.000376</b> | <b>.0017839</b> | <b>.0106065</b> |
| #3 | <b>-.000078</b> | <b>.000092</b>  | <b>12.98098</b> | <b>.0000352</b> | <b>.000039</b>  | <b>.0023489</b> | <b>.0083491</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0055754</b> | <b>6.559520</b> | <b>.0018433</b> | <b>.0005541</b> | <b>318.3312</b> | <b>-.002977</b> | <b>.1989053</b> |
| Stddev | .0003634        | .043660         | .0000421        | .0002634        | 1.6388          | .002076         | .0009765        |
| %RSD   | 6.517126        | .6655993        | 2.281599        | 47.53665        | .5148102        | 69.74211        | .4909550        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0054136</b> | <b>6.609189</b> | <b>.0018503</b> | <b>.0005685</b> | <b>318.2335</b> | <b>-.005370</b> | <b>.1983881</b> |
| #2 | <b>.0053211</b> | <b>6.542165</b> | <b>.0017981</b> | <b>.0008100</b> | <b>320.0167</b> | <b>-.001661</b> | <b>.2000316</b> |
| #3 | <b>.0059916</b> | <b>6.527205</b> | <b>.0018813</b> | <b>.0002838</b> | <b>316.7435</b> | <b>-.001899</b> | <b>.1982962</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5035242</b> | <b>.0696082</b> | <b>.0001872</b> | <b>.0000351</b> | <b>.0048117</b> | <b>.4712916</b> | <b>.0028515</b> |
| Stddev | .0435345        | .0024706        | .0000452        | .0004550        | .0007426        | .0088682        | .0027165        |
| %RSD   | 8.645957        | 3.549356        | 24.16366        | 1295.969        | 15.43378        | 1.881692        | 95.26479        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.4858331</b> | <b>.0716929</b> | <b>.0001550</b> | <b>-.000440</b> | <b>.0043538</b> | <b>.4787104</b> | <b>.0059742</b> |
| #2 | <b>.4716203</b> | <b>.0668792</b> | <b>.0002389</b> | <b>.000077</b>  | <b>.0044128</b> | <b>.4736950</b> | <b>.0015470</b> |
| #3 | <b>.5531192</b> | <b>.0702523</b> | <b>.0001677</b> | <b>.000468</b>  | <b>.0056686</b> | <b>.4614693</b> | <b>.0010334</b> |

Sample Name: O3047-03      Acquired: 6/7/2023 22:06:37      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: WC32      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.264762 | -.003112 | .0885203 | z ***** |
| Stddev | .003847  | .001238  | .0011158 | -----   |
| %RSD   | .3041452 | 39.76998 | 1.260492 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.260620 | -.004283 | .0897169 | z 2848.052 |
| #2 | 1.265443 | -.003237 | .0875082 | z 2852.518 |
| #3 | 1.268223 | -.001817 | .0883359 | z 2850.509 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3923.605 | 55729.95 | 9766.338 | 3598.216 | 3322.308 |
| Stddev    | 9.224    | 318.33   | 136.474  | 20.872   | 5.101    |
| %RSD      | .2350910 | .5712065 | 1.397394 | .5800768 | .1535406 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3929.129 | 55634.57 | 9614.531 | 3593.307 | 3321.139 |
| #2 | 3928.730 | 55470.21 | 9878.865 | 3580.236 | 3327.892 |
| #3 | 3912.957 | 56085.07 | 9805.617 | 3621.105 | 3317.893 |

Sample Name: O3047-06      Acquired: 6/7/2023 22:10:45      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: WC33      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001138</b> | <b>-.001925</b> | <b>.0050608</b> | <b>-.001009</b> | <b>-.000830</b> | <b>.3781718</b> | <b>.3507146</b> |
| Stddev | .002929         | .001507         | .0010430        | .003667         | .001573         | .0109732        | .0064140        |
| %RSD   | 257.2901        | 78.30139        | 20.60835        | 363.4011        | 189.4201        | 2.901645        | 1.828833        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001507  | -.001242 | .0061739 | .001540  | .000984  | .3655012 | .3435500 |
| #2 | -.004285 | -.003653 | .0049025 | -.005211 | -.001809 | .3844588 | .3526720 |
| #3 | -.000637 | -.000880 | .0041061 | .000644  | -.001666 | .3845554 | .3559219 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000060</b> | <b>.0001291</b> | <b>7.371924</b> | <b>.0009605</b> | <b>-.000051</b> | <b>.0026312</b> | <b>.2533919</b> |
| Stddev | .000039         | .0000786        | .162430         | .0004076        | .000132         | .0005316        | .0040749        |
| %RSD   | 65.38432        | 60.89830        | 2.203360        | 42.43066        | 257.0618        | 20.20199        | 1.608125        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000025 | .0002191 | 7.184413 | .0005760 | -.000068 | .0031993 | .2516945 |
| #2 | -.000053 | .0000946 | 7.462044 | .0009178 | -.000175 | .0025486 | .2504402 |
| #3 | -.000102 | .0000736 | 7.469316 | .0013877 | .000088  | .0021459 | .2580411 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0228348</b> | <b>2.295606</b> | <b>.0016522</b> | <b>.0002686</b> | <b>320.7767</b> | <b>-.002541</b> | <b>.3168105</b> |
| Stddev | .0004899        | .047392         | .0001604        | .0005153        | 2.4196          | .001393         | .0009527        |
| %RSD   | 2.145280        | 2.064476        | 9.706838        | 191.8152        | .7542961        | 54.81602        | .3007175        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0223130 | 2.242190 | .0016975 | -.000124 | 319.5868 | -.003698 | .3175351 |
| #2 | .0232849 | 2.312018 | .0017851 | .000852  | 319.1824 | -.002928 | .3171652 |
| #3 | .0229065 | 2.332612 | .0014741 | .000078  | 323.5608 | -.000995 | .3157314 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.327866</b> | <b>.0984850</b> | <b>-.000202</b> | <b>-.000335</b> | <b>.0181549</b> | <b>.8561259</b> | <b>.0135104</b> |
| Stddev | .005658         | .0022055        | .000314         | .000102         | .0019266        | .0128835        | .0019517        |
| %RSD   | .4260628        | 2.239383        | 155.2999        | 30.58638        | 10.61213        | 1.504861        | 14.44600        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.323588 | .0963571 | -.000125 | -.000453 | .0160012 | .8437299 | .0120789 |
| #2 | 1.334281 | .1007606 | -.000548 | -.000277 | .0197147 | .8694471 | .0157336 |
| #3 | 1.325730 | .0983373 | .000066  | -.000275 | .0187487 | .8552007 | .0127187 |

Sample Name: O3047-06      Acquired: 6/7/2023 22:10:45      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: WC33      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.173568 | -.004641 | .0408695 | z ***** |
| Stddev | .002629  | .002030  | .0008818 | -----   |
| %RSD   | .2239760 | 43.74382 | 2.157570 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.170890 | -.005493 | .0398589 | z 2756.177 |
| #2 | 1.173669 | -.006105 | .0414824 | z 2758.621 |
| #3 | 1.176144 | -.002323 | .0412672 | z 2753.345 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3899.432 | 55475.40 | 9643.590 | 3573.623 | 3326.259 |
| Stddev    | 13.764   | 39.38    | 149.620  | 7.392    | 1.720    |
| %RSD      | .3529630 | .0709856 | 1.551499 | .2068504 | .0517023 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3883.557 | 55471.49 | 9812.163 | 3579.349 | 3324.677 |
| #2 | 3908.032 | 55438.13 | 9526.538 | 3565.278 | 3328.089 |
| #3 | 3906.706 | 55516.60 | 9592.070 | 3576.243 | 3326.011 |

Sample Name: O3050-02      Acquired: 6/7/2023 22:14:53      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: TP-22-0A      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000764</b> | <b>-.001816</b> | <b>.0009993</b> | <b>.0003822</b> | <b>-.001642</b> | <b>.0459202</b> | <b>.2191943</b> |
| Stddev | .001893         | .002591         | .0008062        | .0020226        | .000868         | .0059497        | .0015310        |
| %RSD   | 247.8760        | 142.6644        | 80.67325        | 529.1601        | 52.87685        | 12.95662        | .6984579        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002930</b> | <b>-.001298</b> | <b>.0013732</b> | <b>.0025738</b> | <b>-.002593</b> | <b>.0501973</b> | <b>.2175127</b> |
| #2 | <b>.000570</b>  | <b>-.004626</b> | <b>.0000741</b> | <b>-.000015</b> | <b>-.001440</b> | <b>.0484376</b> | <b>.2195628</b> |
| #3 | <b>.000069</b>  | <b>.000477</b>  | <b>.0015507</b> | <b>-.001413</b> | <b>-.000892</b> | <b>.0391256</b> | <b>.2205073</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0002821</b> | <b>.0002842</b> | <b>31.36100</b> | <b>.0023230</b> | <b>.0019795</b> | <b>.0044001</b> | <b>.0357063</b> |
| Stddev | .0000116        | .0000082        | .11445          | .0002313        | .0000180        | .0004828        | .0018295        |
| %RSD   | 4.094396        | 2.887313        | .3649395        | 9.955616        | .9084394        | 10.97156        | 5.123711        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0002700</b> | <b>.0002883</b> | <b>31.27388</b> | <b>.0021431</b> | <b>.0019999</b> | <b>.0038973</b> | <b>.0377265</b> |
| #2 | <b>.0002931</b> | <b>.0002896</b> | <b>31.49062</b> | <b>.0022419</b> | <b>.0019727</b> | <b>.0048599</b> | <b>.0341612</b> |
| #3 | <b>.0002830</b> | <b>.0002748</b> | <b>31.31848</b> | <b>.0025839</b> | <b>.0019658</b> | <b>.0044430</b> | <b>.0352314</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.266291</b> | <b>.9757582</b> | <b>.0025206</b> | <b>.0008580</b> | <b>313.8139</b> | <b>-.001610</b> | <b>.0305600</b> |
| Stddev | .012596         | .0150952        | .0002909        | .0005280        | 2.8635          | .000166         | .0002591        |
| %RSD   | .5557968        | 1.547026        | 11.54261        | 61.53856        | .9124988        | 10.31510        | .8477143        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2.255226</b> | <b>.9920445</b> | <b>.0021950</b> | <b>.0012308</b> | <b>310.7122</b> | <b>-.001628</b> | <b>.0302609</b> |
| #2 | <b>2.279999</b> | <b>.9622360</b> | <b>.0026118</b> | <b>.0010893</b> | <b>314.3723</b> | <b>-.001435</b> | <b>.0307044</b> |
| #3 | <b>2.263650</b> | <b>.9729942</b> | <b>.0027550</b> | <b>.0002538</b> | <b>316.3571</b> | <b>-.001766</b> | <b>.0307147</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7654167</b> | <b>.0109335</b> | <b>-.000023</b> | <b>-.000950</b> | <b>.0048729</b> | <b>.4114294</b> | <b>-.003622</b> |
| Stddev | .0381055        | .0005685        | .000352         | .000626         | .0014681        | .0064900        | .002229         |
| %RSD   | 4.978402        | 5.199570        | 1547.804        | 65.90747        | 30.12844        | 1.577429        | 61.54881        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.7340494</b> | <b>.0108810</b> | <b>.000256</b>  | <b>-.000790</b> | <b>.0037363</b> | <b>.4042824</b> | <b>-.005987</b> |
| #2 | <b>.8078230</b> | <b>.0115265</b> | <b>.000094</b>  | <b>-.001640</b> | <b>.0043520</b> | <b>.4169549</b> | <b>-.003321</b> |
| #3 | <b>.7543775</b> | <b>.0103931</b> | <b>-.000419</b> | <b>-.000419</b> | <b>.0065305</b> | <b>.4130508</b> | <b>-.001559</b> |

Sample Name: O3050-02      Acquired: 6/7/2023 22:14:53      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: TP-22-0A      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .5300440 | .0020316 | .0999716 | z ***** |
| Stddev | .0126955 | .0008800 | .0005159 | -----   |
| %RSD   | 2.395182 | 43.31624 | .5160084 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .5433370 | .0025331 | .0996030 | z 3086.281 |
| #2 | .5180450 | .0010155 | .1005612 | z 3083.950 |
| #3 | .5287499 | .0025461 | .0997506 | z 3082.401 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3934.674 | 53767.88 | 9507.397 | 3493.688 | 3294.530 |
| Stddev    | 66.275   | 106.52   | 35.153   | 6.109    | 57.052   |
| %RSD      | 1.684376 | .1981119 | .3697468 | .1748724 | 1.731734 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3858.486 | 53863.42 | 9508.123 | 3500.550 | 3228.663 |
| #2 | 3966.537 | 53653.02 | 9471.887 | 3491.675 | 3326.414 |
| #3 | 3978.999 | 53787.19 | 9542.182 | 3488.838 | 3328.514 |

Sample Name: O3050-05      Acquired: 6/7/2023 22:19:02      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: TP-23-0A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009578 | -.002280 | .0014258 | -.002924 | -.002038 | .0823758 | .1383410 |
| Stddev | .0033024 | .000593  | .0007617 | .001336  | .001072  | .0144315 | .0027435 |
| %RSD   | 344.8097 | 25.98999 | 53.42356 | 45.67496 | 52.58613 | 17.51907 | 1.983143 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002721 | -.002553 | .0019578 | -.001875 | -.002358 | .0795940 | .1355652 |
| #2 | .003667  | -.001600 | .0005532 | -.004428 | -.002912 | .0695377 | .1410510 |
| #3 | .001927  | -.002687 | .0017664 | -.002471 | -.000842 | .0979956 | .1384068 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003708 | -.000004 | 30.16376 | .0003038 | .0031249 | .0056537 | 3.461440 |
| Stddev | .0000341 | .000098  | .16983   | .0002931 | .0000344 | .0004277 | .032435  |
| %RSD   | 9.205890 | 2266.906 | .5630175 | 96.46379 | 1.100631 | 7.565243 | .9370385 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003341 | -.000004 | 29.98365 | .0002828 | .0030973 | .0061090 | 3.436740 |
| #2 | .0003766 | -.000103 | 30.32098 | .0006069 | .0031634 | .0052603 | 3.449408 |
| #3 | .0004016 | .000094  | 30.18664 | .0000218 | .0031140 | .0055918 | 3.498172 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9116300 | .9183031 | .0027863 | .0006137 | 342.1901 | -.000676 | .0326943 |
| Stddev | .0030628 | .0120400 | .0002879 | .0002205 | 3.9655   | .002732  | .0002690 |
| %RSD   | .3359664 | 1.311109 | 10.33264 | 35.93239 | 1.158860 | 404.0746 | .8229045 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9097215 | .9189835 | .0031039 | .0008681 | 338.2773 | -.003376 | .0329810 |
| #2 | .9151627 | .9299885 | .0027124 | .0004970 | 342.0866 | .002087  | .0324473 |
| #3 | .9100056 | .9059374 | .0025426 | .0004761 | 346.2063 | -.000739 | .0326548 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.216916 | .0117231 | -.000138 | -.001606 | .0070494 | .3510319 | .0007534 |
| Stddev | .033808  | .0002844 | .000129  | .000661  | .0011351 | .0122697 | .0031170 |
| %RSD   | 2.778163 | 2.425519 | 93.16420 | 41.14470 | 16.10282 | 3.495333 | 413.7148 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.183428 | .0114878 | -.000033 | -.002096 | .0075711 | .3427260 | .0005248 |
| #2 | 1.251035 | .0116423 | -.000100 | -.000854 | .0078298 | .3651249 | -.002243 |
| #3 | 1.216284 | .0120391 | -.000281 | -.001868 | .0057471 | .3452447 | .003978  |

Sample Name: O3050-05      Acquired: 6/7/2023 22:19:02      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: TP-23-0A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .1709874 | -.001170 | .0740979 | z ***** |
| Stddev | .0029216 | .001480  | .0003229 | -----   |
| %RSD   | 1.708641 | 126.4716 | .4357615 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .1721611 | -.002795 | .0741373 | z 3129.946 |
| #2 | .1676615 | -.000817 | .0743993 | z 3128.373 |
| #3 | .1731396 | .000101  | .0737571 | z 3123.255 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3931.861 | 54036.53 | 9401.918 | 3537.126 | 3254.491 |
| Stddev    | 66.966   | 465.00   | 30.230   | 17.977   | 59.539   |
| %RSD      | 1.703152 | .8605318 | .3215319 | .5082313 | 1.829440 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3964.406 | 54542.22 | 9410.586 | 3555.705 | 3285.171 |
| #2 | 3976.333 | 53940.01 | 9368.300 | 3535.854 | 3292.433 |
| #3 | 3854.843 | 53627.36 | 9426.867 | 3519.820 | 3185.870 |



Sample Name: O3069-03      Acquired: 6/7/2023 22:23:10      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: WC34      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016628 | -.000984 | .0029394 | -.000004 | -.001705 | .0466380 | .2775412 |
| Stddev | .0013915 | .000879  | .0012388 | .002900  | .001893  | .0094535 | .0029726 |
| %RSD   | 83.68033 | 89.32685 | 42.14525 | 72348.98 | 111.0126 | 20.26986 | 1.071049 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005359 | -.001185 | .0041661 | -.000095 | -.001742 | .0558224 | .2744067 |
| #2 | .0032181 | -.000022 | .0029634 | -.002857 | .000206  | .0369367 | .2778970 |
| #3 | .0012344 | -.001745 | .0016888 | .002941  | -.003579 | .0471550 | .2803199 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000047 | .0000287 | 7.005306 | .0009828 | .0004862 | .0015421 | .0099608 |
| Stddev | .000020  | .0000543 | .057630  | .0001631 | .0000231 | .0002721 | .0010922 |
| %RSD   | 41.46495 | 188.9829 | .8226587 | 16.58960 | 4.754281 | 17.64181 | 10.96484 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000064 | .0000715 | 6.939453 | .0011556 | .0004666 | .0012528 | .0110005 |
| #2 | -.000026 | -.000032 | 7.029944 | .0009612 | .0004804 | .0017928 | .0088228 |
| #3 | -.000051 | .000047  | 7.046521 | .0008317 | .0005117 | .0015807 | .0100591 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1321798 | 2.519691 | .0044054 | .0003641 | 308.7430 | -.000469 | .2057548 |
| Stddev | .0013584 | .039198  | .0001311 | .0003323 | 3.1754   | .002448  | .0005644 |
| %RSD   | 1.027704 | 1.555679 | 2.976046 | 91.27165 | 1.028487 | 521.7172 | .2743004 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1308814 | 2.477537 | .0042778 | .0007282 | 305.7449 | .000987  | .2052592 |
| #2 | .1320668 | 2.526492 | .0043985 | .0000771 | 312.0700 | .000901  | .2056360 |
| #3 | .1335912 | 2.555044 | .0045398 | .0002871 | 308.4139 | -.003296 | .2063691 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9611586 | .0676899 | -.000003 | -.000178 | .0077201 | .3482292 | -.000219 |
| Stddev | .0269823 | .0013143 | .000171  | .000120  | .0008232 | .0123356 | .001499  |
| %RSD   | 2.807265 | 1.941697 | 5335.104 | 67.36274 | 10.66300 | 3.542364 | 683.0691 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9823034 | .0670948 | -.000176 | -.000040 | .0077544 | .3540289 | -.001823 |
| #2 | .9704033 | .0667784 | .000165  | -.000245 | .0068803 | .3340627 | .001148  |
| #3 | .9307691 | .0691965 | .000001  | -.000250 | .0085256 | .3565961 | .000016  |

Sample Name: O3069-03      Acquired: 6/7/2023 22:23:10      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: WC34      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.183362 | -.003007 | .0522943 | Z ***** |
| Stddev | .008283  | .001079  | .0005182 | -----   |
| %RSD   | .6999696 | 35.89411 | .9908919 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.179213 | -.001866 | .0517138 | Z 2866.002 |
| #2 | 1.177973 | -.003145 | .0524588 | Z 2867.371 |
| #3 | 1.192899 | -.004012 | .0527102 | Z 2856.850 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3965.796 | 55260.63 | 9795.859 | 3583.655 | 3389.834 |
| Stddev    | 16.611   | 154.72   | 54.767   | 9.799    | 12.517   |
| %RSD      | .4188562 | .2799777 | .5590802 | .2734459 | .3692556 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3975.883 | 55147.70 | 9841.540 | 3577.767 | 3395.291 |
| #2 | 3974.882 | 55197.21 | 9810.890 | 3578.231 | 3398.697 |
| #3 | 3946.624 | 55436.98 | 9735.146 | 3594.967 | 3375.515 |

Sample Name: O3069-06      Acquired: 6/7/2023 22:27:18      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: WC35      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000823</b> | <b>-.001548</b> | <b>.0040620</b> | <b>.0024861</b> | <b>-.001265</b> | <b>.0482407</b> | <b>.3820714</b> |
| Stddev | .001131         | .002412         | .0010953        | .0018772        | .000864         | .0090862        | .0046934        |
| %RSD   | 137.4731        | 155.7961        | 26.96419        | 75.50794        | 68.27625        | 18.83515        | 1.228398        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001443</b> | <b>-.003922</b> | <b>.0028328</b> | <b>.0029961</b> | <b>-.001257</b> | <b>.0578309</b> | <b>.3769279</b> |
| #2 | <b>-.001507</b> | <b>-.001623</b> | <b>.0044186</b> | <b>.0004066</b> | <b>-.002133</b> | <b>.0397604</b> | <b>.3861217</b> |
| #3 | <b>.000483</b>  | <b>.000900</b>  | <b>.0049345</b> | <b>.0040555</b> | <b>-.000405</b> | <b>.0471310</b> | <b>.3831646</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000544</b> | <b>.0002227</b> | <b>35.54417</b> | <b>.0024896</b> | <b>.0160892</b> | <b>.0008882</b> | <b>2.080553</b> |
| Stddev | .0000318        | .0001020        | .47917          | .0004087        | .0000676        | .0004286        | .018582         |
| %RSD   | 58.38023        | 45.79909        | 1.348110        | 16.41627        | .4200395        | 48.25298        | .8931292        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000637</b> | <b>.0001857</b> | <b>34.99864</b> | <b>.0025190</b> | <b>.0161025</b> | <b>.0004736</b> | <b>2.059270</b> |
| #2 | <b>.0000805</b> | <b>.0001443</b> | <b>35.73692</b> | <b>.0028829</b> | <b>.0161491</b> | <b>.0013295</b> | <b>2.088834</b> |
| #3 | <b>.0000190</b> | <b>.0003380</b> | <b>35.89696</b> | <b>.0020670</b> | <b>.0160159</b> | <b>.0008616</b> | <b>2.093555</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9405186</b> | <b>10.81618</b> | <b>.0133341</b> | <b>.0005761</b> | <b>356.0202</b> | <b>-.002090</b> | <b>.2156855</b> |
| Stddev | .0133245        | .12358          | .0002822        | .0008422        | 3.7957          | .002713         | .0015203        |
| %RSD   | 1.416713        | 1.142510        | 2.116691        | 146.1792        | 1.066145        | 129.8170        | .7048778        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.9251655</b> | <b>10.67909</b> | <b>.0136420</b> | <b>.0014398</b> | <b>351.9905</b> | <b>.000759</b>  | <b>.2152652</b> |
| #2 | <b>.9490627</b> | <b>10.85043</b> | <b>.0132726</b> | <b>-.000243</b> | <b>356.5425</b> | <b>-.002387</b> | <b>.2173718</b> |
| #3 | <b>.9473276</b> | <b>10.91902</b> | <b>.0130876</b> | <b>.000531</b>  | <b>359.5278</b> | <b>-.004642</b> | <b>.2144195</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.846845</b> | <b>.0728089</b> | <b>-.000013</b> | <b>-.001055</b> | <b>.0066380</b> | <b>.5325406</b> | <b>-.000478</b> |
| Stddev | .036457         | .0005950        | .000169         | .000826         | .0008585        | .0162997        | .004102         |
| %RSD   | 1.974024        | .8172744        | 1261.976        | 78.31800        | 12.93243        | 3.060745        | 857.3629        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.808284</b> | <b>.0721541</b> | <b>-.000168</b> | <b>-.000885</b> | <b>.0058125</b> | <b>.5209636</b> | <b>-.003645</b> |
| #2 | <b>1.880752</b> | <b>.0733165</b> | <b>.000167</b>  | <b>-.000327</b> | <b>.0065756</b> | <b>.5511806</b> | <b>.004156</b>  |
| #3 | <b>1.851498</b> | <b>.0729563</b> | <b>-.000040</b> | <b>-.001952</b> | <b>.0075260</b> | <b>.5254777</b> | <b>-.001946</b> |

Sample Name: O3069-06      Acquired: 6/7/2023 22:27:18      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: WC35      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .9433368 | .0009687 | .0926257 | Z ***** |
| Stddev | .0140325 | .0026851 | .0014775 | -----   |
| %RSD   | 1.487541 | 277.1953 | 1.595086 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .9456022 | .0023324 | .0909228 | Z 3044.880 |
| #2 | .9560987 | -.002125 | .0935664 | Z 3051.226 |
| #3 | .9283094 | .002698  | .0933880 | Z 3050.329 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3857.856 | 53335.12 | 9577.639 | 3462.259 | 3246.857 |
| Stddev    | 26.933   | 184.74   | 61.854   | 19.052   | 25.854   |
| %RSD      | .6981370 | .3463802 | .6458191 | .5502852 | .7962785 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3839.425 | 53334.68 | 9641.697 | 3459.828 | 3227.237 |
| #2 | 3845.377 | 53150.60 | 9518.253 | 3444.539 | 3237.180 |
| #3 | 3888.765 | 53520.08 | 9572.967 | 3482.410 | 3276.154 |

Sample Name: CCV11      Acquired: 6/7/2023 22:31:25      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV20539      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.714054 | 4.658784 | 4.655280 | 4.716880 | 4.758674 | 9.284599 |
| Stddev | .039441  | .033234  | .031271  | .032679  | .039368  | .028897  |
| %RSD   | .8366789 | .7133677 | .6717232 | .6928071 | .8272979 | .3112368 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.686247 | 4.641448 | 4.633691 | 4.704652 | 4.737185 | 9.295818 |
| #2 | 4.696722 | 4.637802 | 4.641009 | 4.692077 | 4.734726 | 9.251775 |
| #3 | 4.759194 | 4.697102 | 4.691140 | 4.753909 | 4.804110 | 9.306204 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.575609 | .2309620 | 2.338947 | 24.07409 | .9137194 | 2.325098 |
| Stddev | .021915  | .0001598 | .017462  | .04401   | .0006472 | .017288  |
| %RSD   | .2288666 | .0691874 | .7465761 | .1828012 | .0708347 | .7435431 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.570755 | .2308627 | 2.332224 | 24.05645 | .9133631 | 2.317110 |
| #2 | 9.556528 | .2308769 | 2.325846 | 24.04163 | .9144665 | 2.313249 |
| #3 | 9.599544 | .2311463 | 2.358771 | 24.12418 | .9133286 | 2.344936 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.222996 | 4.864829 | 2.381152 | 22.52218 | 2.340566 | 1.233983 |
| Stddev | .010886  | .031812  | .004231  | .04270   | .016290  | .000097  |
| %RSD   | .8901027 | .6539117 | .1776688 | .1896119 | .6959933 | .0078827 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.221738 | 4.851346 | 2.379625 | 22.47319 | 2.333773 | 1.233891 |
| #2 | 1.212794 | 4.841980 | 2.377897 | 22.54182 | 2.328771 | 1.233972 |
| #3 | 1.234456 | 4.901162 | 2.385934 | 22.55153 | 2.359153 | 1.234085 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.14800 | 2.310763 | 2.398271 | 24.48245 | 4.590389 | 4.995195 |
| Stddev | .02769   | .010866  | .008254  | .04231   | .005845  | .039703  |
| %RSD   | .1196413 | .4702177 | .3441640 | .1728096 | .1273271 | .7948277 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 23.17638 | 2.311779 | 2.388802 | 24.48807 | 4.590932 | 4.980670 |
| #2 | 23.12105 | 2.299425 | 2.402067 | 24.52167 | 4.584292 | 4.964800 |
| #3 | 23.14658 | 2.321085 | 2.403945 | 24.43762 | 4.595943 | 5.040115 |

Sample Name: CCV11      Acquired: 6/7/2023 22:31:25      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV20539      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 4.925660 | 4.705801 | 5.021084 | 4.727250 | 4.578391 | F 4.160105 |
| Stddev | .036784  | .013945  | .033551  | .022150  | .026606  | .010740    |
| %RSD   | .7467737 | .2963278 | .6682113 | .4685542 | .5811213 | .2581641   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.907906 | 4.703097 | 4.983213 | 4.720297 | 4.566806 | 4.159931 |
| #2 | 4.901120 | 4.693407 | 5.047093 | 4.709411 | 4.559543 | 4.149453 |
| #3 | 4.967952 | 4.720900 | 5.032945 | 4.752042 | 4.608826 | 4.170931 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | 4.761358 | Z ***** |
| Stddev | .007951  | -----   |
| %RSD   | .1669909 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | 4.754763 | Z 3085.277 |
| #2 | 4.759125 | Z 3108.313 |
| #3 | 4.770187 | Z 3100.420 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4089.564 | 58228.30 | 10074.64 | 3750.078 | 3487.561 |
| Stddev    | 26.473   | 126.56   | 10.76    | 5.714    | 19.656   |
| %RSD      | .6473388 | .2173503 | .1067886 | .1523638 | .5636072 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4094.227 | 58098.59 | 10062.45 | 3756.355 | 3490.784 |
| #2 | 4113.395 | 58234.85 | 10078.66 | 3745.179 | 3505.405 |
| #3 | 4061.069 | 58351.46 | 10082.81 | 3748.701 | 3466.492 |

Sample Name: CCB11      Acquired: 6/7/2023 22:35:12      Type: Unk  
Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB20539      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016125 | .0005848 | -.000706 | -.000400 | -.000179 | -.003913 | -.009559 |
| Stddev | .0003037 | .0011850 | .000647  | .002057  | .001572  | .006282  | .000716  |
| %RSD   | 18.83676 | 202.6506 | 91.62937 | 514.2981 | 875.9444 | 160.5424 | 7.490897 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0017769 | .0011536 | -.001415 | -.002739 | -.001804 | -.005000 | -.010349 |
| #2 | .0017987 | .0013781 | -.000556 | .000413  | -.000069 | .002842  | -.008953 |
| #3 | .0012620 | -.000777 | -.000147 | .001126  | .001334  | -.009580 | -.009374 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000005 | -.000013 | -.008014 | -.000016 | -.000059 | .0005635 | -.001136 |
| Stddev | .000025  | .000049  | .008145  | .000569  | .000099  | .0002822 | .001828  |
| %RSD   | 501.6532 | 387.7269 | 101.6319 | 3455.816 | 167.3953 | 50.08794 | 160.8970 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000034 | .000041  | .001391  | -.000658 | -.000147 | .0002679 | .000964  |
| #2 | .000013  | -.000055 | -.012703 | .000182  | .000048  | .0005923 | -.002364 |
| #3 | .000005  | -.000024 | -.012730 | .000427  | -.000078 | .0008302 | -.002008 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000391 | -.011070 | .0001211 | .0010167 | -.565720 | -.001865 | .0002085 |
| Stddev | .000215  | .014554  | .0001913 | .0002474 | .015468  | .001355  | .0000608 |
| %RSD   | 54.92170 | 131.4722 | 158.0665 | 24.32951 | 2.734158 | 72.65229 | 29.16877 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000170 | -.010229 | .0002941 | .0007323 | -.583359 | -.002642 | .0001773 |
| #2 | -.000404 | .003045  | .0001536 | .0011363 | -.559328 | -.000300 | .0002786 |
| #3 | -.000599 | -.026027 | -.000084 | .0011816 | -.554473 | -.002653 | .0001696 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0224305 | .0050138 | .0019716 | -.000332 | .0062463 | .0126288 | -.004026 |
| Stddev | .0372797 | .0012438 | .0005205 | .000222  | .0000686 | .0099773 | .000966  |
| %RSD   | 166.2006 | 24.80722 | 26.39865 | 66.89844 | 1.098950 | 79.00483 | 23.98682 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0119703 | .0061419 | .0024988 | -.000295 | .0062298 | .0149606 | -.003350 |
| #2 | .0638230 | .0052194 | .0019580 | -.000131 | .0063216 | .0016920 | -.003595 |
| #3 | -.008502 | .0036800 | .0014581 | -.000571 | .0061873 | .0212337 | -.005132 |

Sample Name: CCB11      Acquired: 6/7/2023 22:35:12      Type: Unk  
 Method: NON EPA-6010-200.7(v1871)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCB20539      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|----------------|
| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.003490</b> | <b>-.004788</b> | <b>-.000027</b> | <b>z *****</b> |
| Stddev | .002397         | .001965         | .000062         | -----          |
| %RSD   | 68.67745        | 41.03052        | 225.6640        | -----          |

|    |                 |                 |                 |                   |
|----|-----------------|-----------------|-----------------|-------------------|
| #1 | <b>-.001618</b> | <b>-.006801</b> | <b>-.000064</b> | <b>z 2823.891</b> |
| #2 | <b>-.002662</b> | <b>-.002876</b> | <b>.000044</b>  | <b>z 2832.218</b> |
| #3 | <b>-.006192</b> | <b>-.004687</b> | <b>-.000062</b> | <b>z 2820.403</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>4155.212</b> | <b>59557.84</b> | <b>9913.817</b> | <b>3815.573</b> | <b>3805.099</b> |
| Stddev    | 9.713           | 172.18          | 92.817          | 8.186           | 12.513          |
| %RSD      | .2337532        | .2890974        | .9362340        | .2145393        | .3288526        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4160.426 | 59684.77 | 10019.81 | 3806.155 | 3817.734 |
| #2 | 4161.204 | 59361.85 | 9847.07  | 3819.589 | 3804.854 |
| #3 | 4144.006 | 59626.90 | 9874.58  | 3820.976 | 3792.711 |